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Environmental Assessment
Determinations and Compliance Findings for HUD-assisted Projects
24 CFR Part 58

Project Information

Project Name: Wilmington Housing Authority Scattered Sites Rehabilitation Project

Project Location: Woodbridge Apartments (20 Units) at 302 Grass Lane, Wilmington, NC 28405 (Unit #s 101-110, 201-205, 207 & 209-212); **Creekwood** (14 Units) at 602, 712, 804, 805, 809 & 1008 N. 30th St., 617, 701, 707, 708, 902, 915 & 922 Emory St., and 2905 Clayton Place, Wilmington, NC 28405; **Creekwood South** (6 Units) at 502, 522, 609, 611, 613 & 710 N. 30th St., Wilmington, NC 28405; and **Houston Moore** (1 Unit) at 1420 Greenfield St., Wilmington, New Hanover County, NC 28401.

Federal Agency: U.S. Department of Housing & Urban Development (HUD)

Responsible Entity: North Carolina Office of Recovery and Resiliency (NCORR), P.O. Box 110465, Durham, NC 27709

Grant Recipient: Wilmington Housing Authority (WHA), 1524 S. 16th Street, Wilmington, NC 28401

State/Local Identifier: B-18-DP-37-0001

Preparer: Andrea Gievers, Environmental SME, NCORR

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Project Location:

Woodbridge Apartments (20 Units) at 302 Grass Lane, Wilmington, NC 28405 (Unit #s 101-110, 201-205, 207 & 209-212). Woodbridge Apartments is located on a 2.10-acre parcel with Parcel ID # R04910-006-022-000 and Map ID # 313818.32.8238.000 according to the New Hanover County Parcel Map. Woodbridge Apartments have 24 total apartment units and were built in 1993.

Creekwood (14 Units) at 602, 712, 804, 805, 809 & 1008 North 30th Street; 617, 701, 707, 708, 902, 915 & 922 Emory St.; and 2905 Clayton Place, Wilmington, NC 28405 located on 13 parcels. The buildings were built in 1970. 710 and 712 North 30th Street is the only entirely vacant building in the proposed project.

North 30th Street

- **602** is Parcel ID # R04909-001-010-000 and Map ID # 313817.02.3430.000 on a 0.25-acre lot (604, 606 & 608 are also located on the lot).
- **712** is Parcel ID # R04909-001-014-000 and Map ID # 313813.02.4723.000 on a 0.24-acre lot (710, below in Creekwood South, is also located on the lot – only vacant building).
- **804** is Parcel ID # R04909-001-017-000 and Map ID # 313813.03.4020.000 on a 0.30-acre lot (806, 808, & 810 are also located on the lot).
- **805** and **809** are Parcel ID # R04909-001-035-000 and Map ID # 313813.03.2155.000 on a 0.30-acre lot (807 & 811 are also located on the lot).
- **1008** is Parcel ID # R04909-001-024-000 and Map ID # 313813.03.4632.000 on a 0.30-acre lot (1002, 1004 & 1006 are also located on the lot).

Emory Street

- **617** is Parcel ID # R04909-001-077-000 and Map ID # 312820.92.9308.000 on a 0.32-acre lot (613, 615 & 619 are also located on the lot).
- **701** is Parcel ID # R04909-001-076-000 and Map ID # 312816.92.9504.000 on a 0.29-acre lot (621, 623 & 703 are also located on the lot).
- **707** is Parcel ID # R04909-001-075-000 and Map ID # 312816.92.9637.000 on a 0.33-acre lot (705, 709 & 711 are also located on the lot).
- **708** is Parcel ID # R04909-001-046-000 and Map ID # 313813.02.0598.000 on a 0.17-acre lot (706 is also located on the lot).
- **902** is Parcel ID # R04909-001-052-000 and Map ID # 313813.03.1235.000 on a 0.19-acre lot (904 is also located on the lot).
- **915** is Parcel ID # R04909-001-065-000 and Map ID # 312816.93.9554.000 on a 0.32-acre lot (913, 917 & 919 are also located on the lot).
- **922** is Parcel ID # R04909-001-056-000 and Map ID # 313813.03.1535.000 on a 0.17-acre lot (924 is also located on the lot).

Clayton Place

- **2905** is Parcel ID # R04909-001-048-000 and Map ID # 313813.02.1988.000 on a 0.13-acre lot (2907 is also located on the lot).

Creekwood South (6 Units) at 502, 522, 609, 611, 613 & 710 North 30th St., Wilmington, NC 28405 located on four parcels. The buildings were built in 1970. 710 and 712 North 30th Street is the only entirely vacant building in the proposed project.

North 30th Street

- **502** is Parcel ID # R04909-001-006-000 and Map ID # 313817.02.3117.000 on a 0.24-acre lot (504, 506 & 508 are also located on the lot).
- **522** is Parcel ID # R04909-001-009-000 and Map ID # 313817.02.3311.000 on a 0.25-acre lot (520, 524 & 526 are also located on the lot).
- **609, 611** and **613** are Parcel ID # R04909-001-041-000 and Map ID # 313813.02.1591.000 on a 0.29-acre lot (615 is also located on the lot).
- **710** is Parcel ID # R04909-001-014-000 and Map ID # 313813.02.4723.000 on a 0.24-acre lot (712, above in Creekwood, is also located on the lot– only vacant building).

Houston Moore (1 Unit) at 1420 Greenfield St., Wilmington, NC 28401, is Parcel ID # R05418-005-001-000 and Map ID # 312718.31.7705.000 on one 8.39-acre parcel and was built circa 1952 to 1953 (1414, 1416, 1418, 1424 and 1428 are located in the same building; multiple buildings are also located on the lot). (Herein "Subject Property" refers to the Woodbridge Apartments, Creekwood, Creekwood South and Houston Moore affected parcels.)

Description of the Proposed Project [24 CFR 50.12 & 58.32; 40 CFR 1508.25]:

The Wilmington Housing Authority (WHA) will use the HUD CDBG-MIT funding to complete repairs, replacements and mold remediation at 41 public housing units severely damaged by Hurricane Florence. The proposed project activities include repairing and/or replacing drywall, plumbing, appliances, water heaters, broken windows, and duct work; painting; patching; and mold remediation of cleaning ducts and identified affected interior areas; and hazardous materials abatement, where applicable. There are 164 low-income (30%-50% area median income [AMI]) residents, comprised of 41 adults and 123 children, who have been displaced from these 41 currently vacant units. Woodbridge Apartments contain the only units that have been torn out down to the studs. A qualified lead-based paint and asbestos contractor is required for survey and abatement in compliance with all applicable federal, State and local laws, regulations and procedures. Mold investigations, background air sampling, and associated mold/biological contaminant remediation protocols have been completed at the proposed project sites and remediation will be in compliance with all applicable federal, State and local laws and regulations. The proposed project does not involve exterior work or ground disturbance. There is no change in zoning or land use required for the proposed project.

Statement of Purpose and Need for the Proposal [40 CFR 1508.9(b)]:

The State of North Carolina was adversely impacted by the landfall of Hurricanes Matthew (October 8, 2016) and Florence (September 14, 2018). The City of Wilmington was hit hard by Hurricane Florence which stalled over the City for three days and dropped 20 inches of rain on the area. While there was not much obvious, immediate damage to WHA's units following that storm, the COVID pandemic required a halt to unit inspections for a prolonged period of time which allowed hidden, unseen water damage to proliferate in numerous housing units. This combination of previously undetected weather damage, the location of Wilmington in a sub-tropical climate which receives double the yearly average rainfall of the country as a whole, and the fact that unit inspections could not be completed for more than a year, created optimal conditions for the growth and proliferation of mold. In addition, a contributing housekeeping component was identified which is being addressed by re-establishing housekeeping education for residents.

Over the past year, WHA has paid for the alternative housing of 150 families in hotels and market-rate apartments as well as provided per-diem payments for food and transportation. This tremendous output of money over such an extended period of time has drained WHA of its capital, and ultimately, operational resources. The current executive leadership has set the goal of completing the proposed project activities and returning all displaced residents to their units as soon as possible.

The WHA is pursuing every possible avenue for funding the rehabilitation of the 150 affected units so that residents may once again occupy their homes, return a sense of normalcy to their lives, and allow WHA to re-establish its financial health. WHA submitted an emergency capital fund grant application to HUD for 109 units less severely impacted by mold and water damage and continues to work with HUD's Greensboro Field Office to supply additional information. The purpose of WHA's grant application to NCORR's Public Housing Restoration Fund is for funding to rehabilitate that balance of 41 severely impacted units. To match our federal and State funding requests and address the remaining balance of 109 mold-impacted units, WHA has secured a loan in the amount of $1.5 million from the City of Wilmington and a loan in the amount of $1.5 million from New Hanover County.

Existing Conditions and Trends [24 CFR 58.40(a)]:

The WHA is requesting $2,036,241 in NCORR CDBG-MIT funds to rehabilitate a total of 41 units of storm-damaged public housing located at 4 separate sites:

- **Woodbridge Apartments**, 302 Grass Lane, Wilmington, NC 28405 consists of one two-story vinyl and brick veneer apartment-style building with 24 housing units located on approximately 2.6 acres. The development is located approximately 3.45 miles east of downtown Wilmington and is served by WAVE public transit. There is a children's playground on the site. Woodbridge Apartments were built in 1993 and purchased by WHA in 2005. Woodbridge Apartments contain a total of 20 units requiring rehabilitation through this proposed project. Woodbridge Apartments are located in a residential area of Wilmington, North Carolina. The adjoining properties to the north of Woodbridge Apartments consist of single-family residences; to the east by single-family residences; to the south by multifamily residences; and to the west by wooded land, beyond which are single-family residences.

- **Creekwood/Creekwood South**, 714 Emory Street, Wilmington, NC 28405 (office address) consists of 198 townhouses with two to five bedrooms and is located approximately 3.02 miles northeast of downtown Wilmington. Units range from 824 to 1,508 square feet and include central air conditioning, washer hook ups and individual storage. Residents at Creekwood South have access to a community center, activity room, community garden, basketball court, and playground. The site is served by WAVE public transit. Creekwood/Creekwood South contains a total of 20 units requiring rehabilitation through this proposed project. Creekwood/Creekwood South is located in a primarily residential area of Wilmington, North Carolina. The adjoining properties to the north of Creekwood/Creekwood South consist of single-family residences; Haynes/Lancewell Police and Fire Training Facility to the east; railroad tracks, beyond which is Ebenezer Missionary Baptist Church to the south; and multifamily residences to the west.

- **Houston Moore**, 1601 S. 13th Street, Wilmington, NC 28401 (office address) is located approximately 2.45 miles southeast of downtown Wilmington and consists of 150 two-story units with two to four bedrooms. Units range from 849 to 1,243 square feet and include window air conditioning and washer hook ups. Residents at Houston Moore have access to

an activity room, playground, and community basketball court. The site is served by WAVE public transit. Houston Moore contains one unit requiring rehabilitation through this proposed project. Houston Moore is located in a residential and commercial area of Wilmington, North Carolina. The adjoining properties to the north of Houston Moore consist of Greenfield Street, beyond which is a Dollar General; residence, South 14th Street, and wooded land; to the east by South 15th Street, beyond which is an office building occupied by the Social Security Administration, Willard Street, and partially wooded land; to the south by Lake Forest Academy and Board of Education offices; and to the west by South 13th Street, beyond which are multifamily residences.

Currently, these 41 units are uninhabited, and residents are either living with family, in a corporate-lease market-rate apartment paid for by WHA, or in a hotel paid for by WHA. There are a total of 109 other public housing units owned by WHA that are impacted by mold and water damage but will be rehabilitated using other local and federal funding sources.

Funding Information

Grant Number	HUD Program	Funding Amount
B-18-DP-37-0001	CDBG-MIT	$2,036,241.00

Estimated Total HUD Funded Amount: $2,036,241.00

Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]**:** $2,036,241.00

Compliance with 24 CFR 50.4, 58.5, and 58.6 Laws and Authorities

Record below the compliance or conformance determinations for each statute, executive order, or regulation. Provide credible, traceable, and supportive source documentation for each authority. Where applicable, complete the necessary reviews or consultations and obtain or note applicable permits of approvals. Clearly note citations, dates/names/titles of contacts, and page references. Attach additional documentation as appropriate.

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or mitigation required?	Compliance determinations
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 and 58.6		
Airport Hazards 24 CFR Part 51 Subpart D	Yes ☐ No ☒	Based on guidance provided by HUD Fact Sheet #D1, the National Plan of Integrated Airport Systems (NPIAS) was reviewed for airports located near the Subject Property. There are no

		civilian, commercial service airports located within 2,500 feet of the Subject Property. The Wilmington International Airport (ILM) is located much further than 2,500 feet away from the Subject Property. According to the FAA Airport Master Record, this airport is not used for military/civil joint use. There are no military airports located within 15,000 feet of the Subject Property. No additional review is required. **Attachment 2:** NEPAssist Airport Maps with 2,500-foot and 15,000-foot Buffers and FAA Airport Master Data for ILM
Coastal Barrier Resources Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]	Yes ☐ No ☒	Based on the U.S. Fish and Wildlife Service (USFWS) Coastal Barrier Resources System (CBRS) Map, the Subject Property is not located in or immediately adjacent (within 150 feet) to a CBRS Unit or Otherwise Protected Area (OPA). No additional review is required. **Attachment 3:** USFWS CBRS Maps
Flood Insurance Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a]	Yes ☐ No ☒	The following Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) panels were consulted: *Woodbridge Apartments* 3720313800K, effective on 08/28/2018; *Creekwood* 3720313800K (mainly east of Emory St.) and 3720312800K (mainly west of Emory St.), both effective on 08/28/2018; *Creekwood South* 3720313800K, effective on 08/28/2018; and *Houston Moore* 3720312700K, effective on 08/28/2018. The Subject Property is located in Zone X, an area of minimal flood hazard, outside of the Special Flood Hazard Area (SFHA). A Preliminary FIRM (PFIRM) is not available for the vicinity of the Subject Property according to the FEMA Map Service Center. The Subject Property is not located within a FEMA-designated regulatory floodway. Since the Subject Property is located in Zone X, outside of the SFHA, flood insurance is not required. While flood insurance is not mandatory for this project, HUD strongly recommends that all insurable structures maintain flood insurance under the National Flood Insurance Program (NFIP). The proposed project is in compliance with flood insurance requirements.

		Attachment 4: FEMA FIRMettes with Parcel Boundaries
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 & 58.5		
Clean Air Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93	Yes ☐ No ☒	According to the NC Nonattainment/ Maintenance Status for Each County by Year for All Criteria Pollutants (EPA Green Book), the Subject Property is *not* located in a county in nonattainment or maintenance status for any criteria pollutants. This renovation and mold remediation project is exempted from NC State air quality permit requirements under 15A NCAC 02Q.0102(d) since emissions will be below the established thresholds. Thus, the proposed project's emissions are automatically considered de minimis (40 CFR § 93.153(c)(2)) and the proposed project is considered compliant with the State Implementation Plan. The proposed project would not exceed de minimis emissions levels for federal general conformity purposes (40 CFR § 93.153(c)(2)). The proposed project is a renovation and mold remediation project at existing public housing. The proposed project will not generate additional levels of vehicular traffic; therefore, no exceedances of the National Ambient Air Quality Standard (NAAQS) associated with carbon monoxide (CO) or particulate matter (PM) is anticipated to occur. The proposed project will not result in siting any new source of air pollutants. Construction-related activities (land clearing, grading) can cause short-term exposures to sensitive receptors from particulate matter (PM 10) such as fugitive dust and emissions from construction equipment. The proposed project is a renovation and mold remediation project inside existing public housing with no proposed ground disturbance. Thus, mitigation measures for dust control are unnecessary. The proposed project will conform to NC Air Quality Management regulations during and following construction. The contractor will use applicable Best Management Practices (BMPs), as practicable, to

		reduce fugitive dust generation and diesel emissions. BMPs for construction projects can include wetting the grading site during dry conditions; maintaining vegetative cover as much as possible around cleared areas; a water truck to stabilize potential dust during high traffic times or high wind days on heavily-travelled access roads and storage areas; and operating construction vehicles and machinery at reduced speeds to reduce soil disturbance and fugitive dust potential. BMPs to mitigate the generation of emissions during construction include limiting use of vehicles and other machinery to construction hours only and removal once construction is completed. Therefore, there will be no significant impact to air quality from the proposed project. The operation of the proposed project following the completion of construction activities will not increase emissions. Any air quality impacts would be short-term and localized during construction, and no significant adverse impacts to air quality are anticipated. Thus, the proposed project is in compliance with this section. **Attachment 5:** NC Nonattainment/ Maintenance Status for Each County by Year for All Criteria Pollutants *See also, Recent Updates: Federal Register Notices Published or Effective After July 31, 2023 | Green Book | US EPA online.* *https://www3.epa.gov/airquality/greenbook/adden.html*
Coastal Zone Management Coastal Zone Management Act, sections 307(c) & (d)	Yes ☐ No ☒	The proposed project site is located within New Hanover County which is one of the 20 North Carolina coastal zone counties. The proposed project is a renovation and mold remediation project at existing public housing and these activities do not meet the definition of "Development" under NC Gen Stat §113A-103(5)(a). The NC Division of Coastal Zone Management (DCM) was contacted regarding the proposed project (see **Attachment 6**). On May 5, 2023, the DCM's Policy Analyst responded that "[a] Federal Consistency determination is not required since the proposal is not considered development and will not have any possible

		coastal effects." Therefore, the proposed project is in compliance with the Coastal Zone Management Act. **Attachment 6**: NC DCM Counties Map and List and NCORR and NC DCM Correspondence
Contamination and Toxic Substances 24 CFR Part 50.3(i) & 58.5(i)(2)	Yes ☒ No ☐	Site inspections were conducted at the Subject Property in April 2023 by ECS Southeast, LLP for three Phase I Environmental Site Assessments (ESAs). There is no proposed change in land use, and the Subject Property has been operating as public housing for many years. According to NEPAssist, the Subject Property is not identified on a list of Superfund National Priorities or Comprehensive Environmental Response Superfund National Priorities or Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) List, or equivalent State list compiled by the U.S. EPA. There are no federal Superfund sites located within a one-mile radius of the Subject Property according to NEPAssist. According to NC DEQ Division of Waste Management (DWM) comments, there are 18 Superfund Section sites and six Brownfields Program sites identified within one-mile of the Subject Property (**Attachment 25**). A review of information for these facilities in the Phase I ESA determined that these sites do not pose a hazard that could affect the health and safety of occupants or conflict with the intended utilization of the property. Further, there is no proposed soil or groundwater disturbance, and drinking water supply will continue to be provided by the City. The NC DEQ DWM Site Locator Tool does not identify a toxic or solid waste landfill (including pre-regulatory landfill sites) within 3,000 feet of the Woodbridge Apartments, Creekwood and Creekwood South (**Attachment 7a**). The NC DEQ DWM Site Locator Tool identified three pre-regulatory landfill sites within 3,000 feet of Houston Moore, including Wilmington Landfill – Kidder Street, East Lake Shore Drive Landfill, and Tallman Clay Pit. A review of information for these facilities in the Phase I ESA determined that these sites do not pose a hazard that could affect the health and safety of occupants or conflict with the intended utilization of the property. Further, there is no proposed soil or groundwater

		disturbance, and drinking water supply will continue to be provided by the City. According to the Phase I ESA for **Woodbridge Apartments** (April 18, 2023), there are no Recognized Environmental Conditions (RECs), Controlled RECs (CRECs), Historical RECs (HRECs), De Minimis Conditions or significant data gaps for the site. A Business Environmental Risk (BER) was identified as the potential for asbestos-containing materials (ACM) to be present at Woodbridge Apartments. According to the Phase I ESA for **Creekwood/Creekwood South** (April 18, 2023), there are no RECs, CRECs, HRECs, De Minimis Conditions or significant data gaps for the site. A BER was identified as the potential for Lead-based Paint (LBP) and ACM to be present at Creekwood/Creekwood South. According to the Phase I ESA for **Houston Moore** (April 19, 2023), there are no RECs, CRECs, De Minimis Conditions or significant data gaps for the site. A HREC was identified for the historical presence of a UST with a No Further Action closure on the LUST database at Houston Moore. The NC DEQ DWM UST Section noted this record of a petroleum release at 1601 S. 13th Street, a Houston Moore building which is located southwest from the subject building. (**Attachment 25**). A BER was identified as the potential for LBP and ACM to be present at Houston Moore. (See **Attachment 7a**). The NC DEQ DWM Site Locator Tool and NEPAssist were used to review potentially hazardous sites within a 1-mile and 0.5-mile radius of the Subject Property. A review of information for these facilities in the Phase I ESA determined that these sites do not pose a hazard that could affect the health and safety of occupants or conflict with the intended utilization of the property. Further, there is no proposed soil or groundwater disturbance, and drinking water supply will continue to be provided by the City. A Phase II ESA is not warranted. Mold investigations/ background air sampling, and associated mold/biological contaminant remediation protocols (mold reports) have been completed at the proposed project sites (*see*

		Attachment 7b). Mold remediation will be in compliance with all applicable federal, State and local laws, regulations and procedures. The units will be tested for ACM prior to proposed project activities. The North Carolina Department of Health and Human Services (DHHS) and Asbestos Hazard Management Program handles asbestos control and NC asbestos abatement procedure. Asbestos inspection and the removal of regulated ACM must be done by NC-accredited asbestos professionals in accordance with all applicable federal, State and local laws, regulations and procedures. The activities must conform to Article 19, N.C. Gen. Stat. § 130A-444-451, the National Emission Standard for Hazardous Air Pollutants (NESHAP, 40 CFR Part 61, Subpart M) pertaining to demolition and renovation in 40 CFR 61.145, NESHAP pertaining to waste disposal in 40 CFR 61.150, Occupational Safety and Health Act of 1970, Pub. L. 91-596, 84 Stat. 1590, 29 U.S.C. § 651, et seq., as amended (OSHA), Asbestos Standard for Construction 29 CFR 1926.1101, OSHA 29 CFR 1910, NC OSHA 13 N.C.A.C. 7C .0101, Transportation under 49 CFR 173.1090, and North Carolina Solid Waste Laws. If ACM is present, then the proposed project activities and ACM disposal will conform with all applicable permits, laws and regulations. An Asbestos Permit Application (DHHS 3768) must be submitted to the HHCU of the NC Department of Health & Human Services Division of Public Health, prior to further renovation, if more than 35 cubic feet, 160 square feet, or 260 linear feet of regulated ACM is to be removed from the building in compliance with 15A NCAC 20.1110 (a)(1). If the ACM removal is greater than 3,000 square feet, 1,500 linear feet, or 656 cubic feet in a public area, then a design, project monitoring plan, and (transmission electron microscopy) TEM clearance might be required under 10A NCAC 41C .0607. Whenever federal funds are used to assist housing built before 1978, steps must be taken to address

		lead hazards. Therefore, the units in Creekwood/Creekwood South and Houston Moore will be tested for LBP. LBP inspection and abatement must be done by NC HHCU certified LBP firms and professionals. The activities must conform with all applicable federal, State and local laws, regulations and procedures regarding LBP including, but not limited to, HUD's LBP regulations in 24 CFR Part 35; OSHA (29 CFR 1926.62); EPA regulations (40 CFR Part 745); and LBP Hazard Management Program (Article 19, N.C. Gen. Stat. § 130A-453; 10A NCAC 41C .0800). A NC LBP Abatement Permit Application might be required. All LBP debris will be properly disposed of in a NC DEQ DWM approved landfill facility in accordance with applicable regulations. The NC DEQ DWM Hazardous Waste Section (HWS) usually recommends that "[a]ny hazardous waste generated from the demolition, construction, operation, maintenance, and/or remediation (e.g., excavated soil) from the proposed project must be managed in accordance with the NC Hazardous Waste Rules. The demolition, construction, operation, maintenance, and remediation activities conducted will most likely generate a solid waste, and a determination must be made whether it is a hazardous waste. If a project site generates more than 220 pounds of hazardous waste in a calendar month, the HWS must be notified, and the site must comply with the small quantity generator (SQG) requirements. New Hanover County is a Level 3 Radon Zone with predicted average indoor radon screening levels less than 2 pCi/L (Low Potential) according to the U.S. Environmental Protection Agency (EPA) and Phase I ESAs (**Attachment 7**). Due to the low potential for elevated indoor radon levels, no additional steps are required for radon testing and mitigation. Based on site visits, Phase I ESAs, mold reports, and a review of available environmental records for the Subject Property and surrounding area, the Subject Property is unlikely to contain hazardous materials, contamination, toxic chemicals and gases, and radioactive substances, where a hazard

		could affect the health and safety of occupants or conflict with the intended utilization of the Subject Property. Protocols will be followed to ensure any suspect ACM, LBP and mold encountered are tested, remediated/abated and disposed of in accordance with all applicable permits, laws, and regulations. Any mold, LBP, and Asbestos Inspection(s), Abatement(s) and Clearance Report(s), and applicable permits will be appended to this Environmental Review Record (ERR). Therefore, the proposed project is in compliance with Contamination and Toxic Substances, 24 CFR Part 50.3(i) & 58.5(i)(2). **Attachment 7a:** NEPAssist EPA Facilities Report with 1-mile Buffer, NEPAssist Facilities by Type, NC DEQ DWM Site Locator Reports with 1-mile, 0.5-mile, and 3,000-foot Buffer, Facility Reports, Phase I ESAs and EPA NC Radon Level Map. **Attachment 7b**: Mold Investigations/ Background Air Sampling, and Associated Mold/Biological Contaminant Remediation Protocols. *See* **Attachment 25:** State Environmental Clearinghouse Comments
Endangered Species Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402	Yes ☐ No ☒	The proposed project does not involve exterior work or ground disturbance. According to the USFWS Information for Planning and Consultation (IPaC) Official Species List, there are a total of 16 threatened, endangered, or candidate species identified for the proposed project area. The species identified are the same for all proposed project sites except for the omission of Golden Sedge at Houston Moore. There are no critical habitats identified within the proposed project area. There are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. According to the IPaC Official Species List, the Bald Eagle and numerous FWS migratory Birds of Conservation Concern (BCC) might be present within the vicinity of the proposed project area. The proposed project is a renovation and mold remediation project inside existing public housing with no proposed ground disturbance. Thus, there

		will be minimal to no disturbance to migratory birds. In addition, the NC Natural Heritage Program (NC NHP) Database Query Report documented element occurrences within a one-mile radius of the Subject Property. The NC NHP Database Query Report identified four federally-listed and proposed species (NLEB, American Alligator, Atlantic Sturgeon, and Magnificent Ramshorn) present within one mile of the Subject Property. According to the NC NHP database, there are no records for rare species, important natural communities, natural areas, and/ or conservation areas within the proposed project boundaries. There are eight managed areas documented within a one-mile radius of the Woodbridge Apartments, seven City of Wilmington Open Spaces and one New Hanover County Open Space. There are seven managed areas documented within a one-mile radius of the Creekwood and Creekwood South area, five City of Wilmington Open Spaces and two New Hanover County Open Spaces. There are two managed areas, a City of Wilmington Open Space and New Hanover County Open Space, which abut Houston Moore and one City of Wilmington Open Space next to Creekwood and Creekwood South. There is one natural area, Greenfield Lake, within one mile of Houston Moore. There are also four managed areas documented within a one-mile radius of Houston Moore, one City of Wilmington Open Space and three New Hanover County Open Spaces. The proposed project is a renovation and mold remediation project inside existing public housing with no proposed ground disturbance. In addition, the Subject Property does not contain suitable habitat for these species since the land is developed with regularly mowed public housing, and paved parking areas. Therefore, the proposed project was determined to have “no effect” on proposed/ listed species and/ or proposed/ designated critical habitat and a “no Eagle Act permit required” for eagles. A Self-certification Letter and 10-step Project Review Package were prepared and submitted to the USFWS Raleigh Ecological Services Field Office (FO) on May 4,

		2023. According to the Self-certification Letter, Mr. Pete Benjamin, Field Supervisor of the U.S. Fish and Wildlife Service Raleigh Field Office, indicated the following: "Therefore, we concur with the 'no effect' or 'not likely to adversely affect' determinations for proposed and listed species and proposed and designated critical habitat; the 'may affect' determination for Northern long-eared bat; and/or the 'no Eagle Act permit required' determinations for eagles. Additional coordination with this office is not needed." USFWS has not contacted NCORR for additional information. *Since there are no ground-disturbing activities or exterior work, the Subrecipient is not required to update this determination annually for multi-year activities.* **Attachment 8:** USFWS Raleigh FO 10-step Project Review Package and USFWS and NCORR correspondence
Explosive and Flammable Hazards 24 CFR Part 51 Subpart C	Yes ☐ No ☒	The proposed project only involves one vacant building located at 710 and 712 N. 30th Street. The remaining units are in buildings with habitable units and are not completely vacant. Therefore, this section's review focuses on this vacant building location. The City of Wilmington was consulted for information on planned and existing aboveground storage tank (ASTs) sites within one-mile of this site. The City responded, "there are no planned or existing thermal/explosive hazards such as aboveground storage tanks within one mile of 710 & 712 North 30th Street." The area within a one-mile radius of 710 and 712 N. 30th Street was reviewed using NEPAssist, NC DEQ DWM Site Locator Tool, and Google Earth to search for potential ASTs. A total of four potential AST locations were identified using Google Earth and the NC DEQ DWM records. According to Acceptable Separation Distance (ASD) calculations for these ASTs, all sites are located a greater distance than the HUD required ASDs. Acceptable separation distance requirements do not apply to the remaining units in this rehabilitation project because the definition for

		HUD-assisted projects in 24 CFR Part 51.201 is predicated on whether the project *increases* the number of people exposed to hazardous operations. Pursuant to Part 51 Subpart C "HUD-assisted project" Definition (24 CFR 51.201), the proposed project's rehabilitation at the currently inhabited, nonvacant buildings will *not* "result in an increased number of people being exposed to hazardous operations by increasing residential densities, converting the type of use of a building to habitation, or making a vacant building habitable." Additionally, the environmental review for this project involved evaluating the rehabilitation of a pre-existing, residential development that existed prior to the disaster. Therefore, the proposed project is in compliance with 24 CFR Part 51 Subpart C. **Attachment 9:** HUD Thermal and Explosive Hazards Worksheet, City Correspondence on Planned and Existing ASTs, Aerial Maps with 1-mile Buffer, AST Distance Maps, ASD Calculations, NC DEQ DWM Records, and Other Supporting Documentation. See also, **Attachment 1A:** Site Visit Photographs and **Attachment 7a:** Phase I ESA.
Farmlands Protection Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658	Yes ☐ No ☒	This project does *not* involve new construction that will generate site disturbance, acquisition of undeveloped land, or conversion of land from one use to another. The proposed project is a renovation and mold remediation project inside existing public housing with no proposed ground disturbance. Since the proposed project involves work inside existing public housing, the proposed project activities will not convert farmland to nonagricultural use. Furthermore, the Subject Property is located in an urbanized area according to NEPAssist. The proposed project does not involve the conversion of farmland to nonagricultural use. Thus, no further review is required. The proposed project is in compliance with this section. **Attachment 10:** NEPAssist Urban Area Maps
Floodplain Management	Yes ☐ No ☒	The following FEMA FIRM panels were consulted: Woodbridge Apartments

Executive Order 11988, particularly section 2(a); 24 CFR Part 55		3720313800K, effective on 08/28/2018; Creekwood 3720313800K (mainly east of Emory St.) and 3720312800K (mainly west of Emory St.), both effective on 08/28/2018; Creekwood South 3720313800K, effective on 08/28/2018; and Houston Moore 3720312700K, effective on 08/28/2018. The Subject Property is located in Zone X, an area of minimal flood hazard, outside of the SFHA. A PFIRM is not available for the vicinity of the Subject Property according to the FEMA Map Service Center. The Subject Property is not located within a FEMA-designated regulatory floodway. **Attachment 11:** FEMA FIRMettes with Parcel Boundaries
Historic Preservation National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800	Yes ☐ No ☒	A review of the Subject Property in the National Register of Historic Places and North Carolina State Historic Preservation Office's (SHPO) HPOWEB by NCORR identified no publicly recorded historic properties which are locally designated or listed in or eligible for inclusion in the State or National Register of Historic Places (NRHP) located on or adjacent to the Subject Property. The Creekwood North Historic District (#NH3669, DOE) is located north of Creekwood and Creekwood South. The Seaboard Air Line Railway/Atlantic Coast Railroad District (NH3674, DOE) is located south of Creekwood and Creekwood South. The Greenfield Lake Park and Gardens (NH1381, LHD) is located approximately 0.23-mile south of Houston Moore. The Hillcrest and Hillcrest Annex Public Housing Complex (NH 3679, DOE) and Seaboard Air Line Railway/Atlantic Coast Railroad District (NH3674, DOE) are located approximately 0.30-mile north of Houston Moore. On May 4, 2023, NCORR submitted the proposed project to the NC SHPO via the State Environmental Clearinghouse for review and concurrence of a preliminary finding of "No Historic Properties Affected" pursuant to 36 CFR 800.4(d)(1). On June 1, 2023, Ms. Renee Gledhill-Earley, NC SHPO Environmental Review Coordinator, responded that "[w]e have conducted a review of the project and are aware of no historic resources which would be affected by the project. Therefore, we have no comment on

		the project as proposed." Copies of the SHPO response and NCORR submission package are in **Attachment 12**. According to the HUD Tribal Directory Assessment Tool (TDAT), the Catawba Indian Nation is the only federally-recognized tribe with interests in New Hanover County, North Carolina. The proposed project does not involve exterior work or ground disturbance. On May 4, 2023, NCORR emailed the Catawba Indian Nation for discussion of historic properties in the proposed project area that may have religious and cultural significance. On May 5, 2023, Ms. Caitlin Rogers responded for Tribal Historic Preservation Officer (THPO) Dr. Haire that "[w]e don't need to review this project. We are only concerned with ground disturbing activities." The proposed project is in compliance with Section 106. **Attachment 12:** SHPO Response, NCORR SHPO Submission Package, HUD TDAT Results, Catawba Indian Nation Response, NCORR Catawba Indian Nation Submission Package, and When to Consult with Tribes under Section 106 Checklist
Noise Abatement and Control Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B	Yes ☒ No ☐	The proposed project is a renovation and mold remediation project inside existing public housing following Hurricane Florence. The proposed project involves timely emergency assistance under disaster assistance provisions or appropriations which are provided to save lives, protect property, protect public health and safety, remove debris and wreckage, or *assistance that has the effect of restoring facilities substantially as they existed prior to the disaster* (emphasis added). However, since the proposed project also involves major rehabilitation of existing residential properties, a HUD noise assessment is required. A HUD noise assessment (attached) was completed in accordance with HUD's Noise Assessment Guidelines to quantify the noise exposure at the Subject Property. The HUD Day/Night Noise Level (DNL) Assessment for **Woodbridge Apartments** resulted in a Current and a Projected 2035 combined DNL including airport of 59 decibels (dB) which is within the

		HUD **Acceptable** noise level range (65 dB or less). No further action is required at Woodbridge Apartments. The HUD DNL Assessment for Creekwood/Creekwood South was completed for seven Noise Assessment Locations (NALs) chosen based on their close proximity to noise generating sources. The HUD DNL Assessment resulted in a Current and a Projected 2035 combined DNL including airport of 69dB for NAL #1 (617 Emory St.), 67 dB for NAL #2 (602 N. 30th St.), 74 dB for NAL #3 (502 N. 30th St.), 69 dB for NAL #4 (522 N. 30th St.), 66 dB for NAL #5 (609, 611 and 613 N. 30th St.), 62 dB for NAL #6 (710 and 712 N. 30th St.), and 65 dB for NAL #7 (701 Emory St.). The DNLs for NALs #6 and #7 are within the HUD **Acceptable** noise level range (65 dB or less). The DNLs for NALs #1, 2, 3, 4 and 5 are within the HUD **Normally Unacceptable** noise level range (above 65 dB but not exceeding 75 dB). The HUD DNL Assessment for Houston Moore resulted in a Current and a Projected 2035 combined DNL of 71 dB which is within the HUD **Normally Unacceptable** noise level range. For rehabilitation activities involving existing noise sensitive facilities exposed to Normally Unacceptable noise levels, HUD strongly encourages incorporation of noise attenuation measures given the extent and nature of the rehabilitation being undertaken and the level of exterior noise exposure. These are individual units within existing public housing buildings that are undergoing rehabilitation in response to storm damage. Additionally, many of the buildings are surrounded by existing residential uses and not in line-of-sight of a major or arterial roadway, railroad or within the noise contour lines of a commercial or military airport. According to 24 CFR 51.101(a)(5), "[f]or major or substantial rehabilitation projects in the Normally Unacceptable and Unacceptable noise zones, HUD actively shall seek to have project sponsors incorporate noise attenuation features, given the extent and nature of the rehabilitation being undertaken and the level or exterior noise exposure." The main noise paths are roofs, eaves,

		walls, windows, door and penetrations. The laboratory STC (Sound Transmission Class) values represent the maximum value of sound insulation a construction can provide. Recommendations include the use of wall materials meeting appropriate STC levels and double-paned windows with an appropriate STC level for each unit. Each unit has a different level of rehabilitation and activities required and not all units might include new drywall and windows. The HUD Noise Guidebook has recommendations which might be able to be incorporated into one or more units such as sealing cracks and edges, staggering studs, increase glass window thickness and installing double-glazed windows. The HUD Sound Transmission Classification Assessment Tool (STraCAT) is an electronic version of Figures 17 and 19 in The HUD Noise Guidebook which can be used by the project architect. The purpose of this tool is to document sound attenuation performance of wall systems. Based on wall, window, and door STC values, the STraCAT generates a composite STC value for the wall assembly as a whole. Users can enter the calculated noise level related to a specific Noise Assessment Location in front of a building façade and STraCAT will generate a target required attenuation value for the wall assembly in STC. Based on wall materials, the tool will state whether the composite wall assembly STC meets the required attenuation value. The Grant Recipient will notify NCORR which noise attenuation methods are incorporated into the units. The proposed project activities are not expected to generate excessive noise during the short-term construction work or long-term operation. Short-term construction noise will be limited to daytime hours. Construction equipment will be required to meet local sound control requirements. The proposed project activities will be completed in accordance with all applicable federal, State and local laws, regulations, and permit requirements and conditions. Therefore, the proposed project is not expected to generate any significant adverse noise impacts. The proposed project is in compliance with this section.

		Attachment 13: HUD Noise Assessment
Sole Source Aquifers Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149	Yes ☐ No ☒	No sole source aquifers are located in North Carolina according to the U.S. EPA. No further action is required. The proposed project is in compliance with this section. **Attachment 14**: U.S. EPA Sole Source Aquifers Map
Wetlands Protection Executive Order 11990, particularly sections 2 and 5	Yes ☐ No ☒	According to the USFWS National Wetland Inventory (NWI) Map, there are no federally-mapped wetlands situated on or immediately adjacent to the Subject Property. During the site visit, no wetlands (including HUD-defined wetlands) were identified within the boundaries or immediately adjacent to the Subject Property. The proposed project does not involve exterior work or ground disturbance. Thus, there will be no "new construction" in wetlands for the proposed project as defined in Executive Order 11990, Protection of Wetlands, and 24 CFR 55.2(b)(8). Further, there are no direct or indirect adverse impacts on wetlands in the surrounding area anticipated from this proposed interior renovation and mold remediation project. The proposed project is in compliance with this section. **Attachment 15**: USFWS NWI Maps
Wild and Scenic Rivers Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)	Yes ☐ No ☒	The proposed project does not involve exterior work or ground disturbance. The proposed project will not affect a listed or study Wild and Scenic River in the DOI NPS Nationwide Rivers Inventory (NRI) or National Wild and Scenic Rivers System (WSR). According to the NEPAssist maps, there are no listed river segments located in within one mile of the Subject Property. The closest NRI wild and scenic river is the Cape Fear River situated approximately 2 miles west of Houston Moore. Thus, there are no direct or indirect adverse impacts anticipated from the proposed project on wild and scenic rivers in the surrounding area. The proposed project is in compliance with this section.

		Attachment 16: NEPAssist Maps of DOI NPS Nationwide Rivers Inventory and National Wild and Scenic Rivers System Showing 1-mile Buffer from the Subject Property *See also, Eligible and Suitable Rivers Map, at* https://nps.maps.arcgis.com/apps/webappviewer/index.html?id=df0f4455dc5f41bb919a3a1a49c60174
ENVIRONMENTAL JUSTICE		
Environmental Justice Executive Order 12898	Yes ☐ No ☒	According to the EJSCREEN Report for a one-mile radius of Woodbridge Apartments, there is an approximately 49% minority population and approximately 58% low-income population, both of which are higher than State and national averages. According to the American Community Survey, the Woodbridge Apartments' census block group has a total population of 2,561 with approximately 58.49% minority population, and approximately 59.23% low-income. According to the EJSCREEN Report for a one-mile radius of the Creekwood and Creekwood South area, there is an approximately 47% minority population and approximately 51% low-income population, both of which are higher than State and national averages. According to the American Community Survey, the Creekwood and Creekwood South area's census block group has a total population of 1,462 with approximately 94.25% minority population and approximately 69.02% low-income. According to the EJSCREEN Report for a one-mile radius of Houston Moore, there is an approximately 55% minority population and approximately 52% low-income population, both of which are higher than State and national averages. According to the American Community Survey, the Houston Moore census block group has a total population of 877 with approximately 87.46% minority, and approximately 97.72% low-income. According to the NC DEQ Community Mapping System, the Subject Property is located in a 2019 potentially underserved block group. The proposed project will not subject the community to environmental conditions that may have disproportional effects on low-income or minority populations. Rather, this proposed project will complete renovations and mold

		remediation at 41 storm-damaged, public housing units for 164 low-income (30%-50% AMI) displaced residents. No adverse environmental impacts were identified in the proposed project's environmental review. Thus, the proposed project does not contribute to or promote environmental injustice. The proposed project is in compliance with this section. **Attachment 17:** EJSCREEN Standard Reports, EJSCREEN ACS Summary Reports, EJSCREEN Census 2010 Summary Reports, NC DEQ Community Mapping System Maps, EJSCREEN Community Report, and CDC Report for New Hanover County

Environmental Assessment Factors [24 CFR 58.40; Ref. 40 CFR 1508.8 &1508.27]

Recorded below is the qualitative and quantitative significance of the effects of the proposal on the character, features and resources of the project area. Each factor has been evaluated and documented, as appropriate and in proportion to its relevance to the proposed action. Verifiable source documentation has been provided and described in support of each determination, as appropriate. Credible, traceable and supportive source documentation for each authority has been provided. Where applicable, the necessary reviews or consultations have been completed and applicable permits of approvals have been obtained or noted. Citations, dates/names/titles of contacts, and page references are clear. Additional documentation is attached, as appropriate. **All conditions, attenuation or mitigation measures have been clearly identified.**

Impact Codes: Use an impact code from the following list to make the determination of impact for each factor.
(1) Minor beneficial impact
(2) No impact anticipated
(3) Minor Adverse Impact – May require mitigation
(4) Significant or potentially significant impact requiring avoidance or modification which may require an Environmental Impact Statement

Environmental Assessment Factor	Impact Code	Impact Evaluation
LAND DEVELOPMENT		
Conformance with Plans / Compatible Land Use and Zoning / Scale and Urban Design	2	There is *no* proposed new construction or change in land use necessitating zoning re-classification. The Subject Property is located in MD-17 - High-density multiple-dwelling residential. The proposed project will complete renovations and mold remediation at 41 storm-damaged, public housing units for 164 low-income (30%-50% AMI) displaced residents. The proposed

		project is compatible with local land use and zoning regulations and plans. The continued occupancy of these dwelling units is in the best interest of the community. **Attachment 18:** Zoning - City of Wilmington Zoning Maps
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	2	The proposed project does not involve exterior work or ground disturbance. There are no soil suitability, slope/ erosion/ drainage or storm water runoff impacts anticipated from the proposed project's activities.
Hazards and Nuisances including Site Safety and Noise	2	The proposed project will complete renovations and mold remediation at 41 storm-damaged, public housing units. The current hazards present inside these dwelling units will be addressed by the proposed project. Based on site visits, Phase I ESAs, mold reports, and a review of available environmental records for the Subject Property and surrounding area, the Subject Property is unlikely to contain hazardous materials, contamination, toxic chemicals and gases, and radioactive substances, where a hazard could affect the health and safety of occupants or conflict with the intended utilization of the Subject Property. Protocols will be followed to ensure any suspect ACM, LBP and mold encountered are tested, remediated/abated and disposed of in accordance with all applicable permits, laws, and regulations. The HUD DNLs for Creekwood/Creekwood South NALs #1, 2, 3, 4 and 5 and Houston Moore are within the HUD Normally Unacceptable noise level range (above 65 dB but not exceeding 75 dB). For rehabilitation activities involving existing noise sensitive facilities exposed to Normally Unacceptable noise levels, HUD strongly encourages incorporation of noise attenuation measures given the extent and nature of the rehabilitation being undertaken and the level of exterior noise exposure. Noise attenuation measures will be incorporated as practicable given the extent of rehabilitation activities. *See* the Noise Abatement and Control section and **Attachment 13** for full details. The proposed project activities are not expected to generate excessive noise during the short-term construction work nor long-term operation. Short-term construction noise will be limited to daytime hours. Construction equipment will be required to meet local sound control requirements. The proposed project activities will be completed in accordance with all applicable federal, State and local laws, regulations, and permit requirements and conditions. Therefore, the proposed project is not expected to generate any significant adverse noise impacts. See **Attachment 7a** and **7b** – Contamination and Toxic Substances documentation; **Attachment 13** – HUD Noise

		Assessment; and **Attachment 25** – State Environmental Clearinghouse Comments

Environmental Assessment Factor	Impact Code	Impact Evaluation
SOCIOECONOMIC		
Employment and Income Patterns	2	The proposed project will complete renovations and mold remediation at 41 storm-damaged, public housing units for 164 displaced residents. The return of these residents to their housing will help to support nearby existing and planned commercial development. The residents will again provide an employee and customer base to local businesses. Employment options including retail, service, and industrial businesses located near the Subject Property. New temporary construction jobs will be created as a result of this proposed project. The proposed project will not adversely impact traffic during construction or operation. Therefore, the proposed project is not expected to adversely impact the employment and income patterns for the area.
Demographic Character Changes, Displacement	2	The proposed project will complete renovations and mold remediation at 41 storm-damaged, public housing units for 164 low-income (30%-50% AMI) displaced residents. Thus, the proposed project will enable displaced residents to return to their homes. The proposed project is compatible with the surrounding area and no demographic character changes are anticipated. The proposed project will not act as an isolation feature within the local area or community. Also, the proposed project does not present the potential to cause the displacement of individuals or families, destroy jobs, local businesses or public community facilities, or disproportionately affect particular populations. Local institutions (churches, community centers, elderly centers, etc.) will not be adversely impacted by the proposed project.
Environmental Justice Impacts	2	According to the EJSCREEN Report for a one-mile radius of Woodbridge Apartments, there is an approximately 49% minority population and approximately 58% low-income population, both of which are higher than State and national averages. According to the American Community Survey, the Woodbridge Apartments' census block group has a total population of 2,561 with approximately 58.49% minority population, and approximately 59.23% low-income. According to the EJSCREEN Report for a one-mile radius of the Creekwood and Creekwood South area, there is an approximately 47% minority population and approximately 51% low-income population, both of which are higher than State and national averages. According to the American Community Survey, the Creekwood and Creekwood South area's census block group has a total population of 1,462 with approximately 94.25% minority population and approximately 69.02% low-income. According to the EJSCREEN Report for

		a one-mile radius of Houston Moore, there is an approximately 55% minority population and approximately 52% low-income population, both of which are higher than State and national averages. According to the American Community Survey, the Houston Moore census block group has a total population of 877 with approximately 87.46% minority, and approximately 97.72% low-income. According to the NC DEQ Community Mapping System, the Subject Property is located in a 2019 potentially underserved block group. The EJSCREEN indicators for a one-mile radius of the Woodbridge Apartments are the lower than the State and National averages including Particulate Matter 2.5, Ozone, and Wastewater Discharge. At Woodbridge Apartments, Diesel Particulate Matter, Risk Management Plan (RMP) Facility Proximity, and USTs are higher than the State average but lower than the National average. At Woodbridge Apartments, Air Toxics Cancer Risk, Air Toxics Respiratory Hazard Index, Traffic Proximity, Lead Paint, Superfund Proximity, Hazardous Waste Proximity are higher than the State and National averages. The EJSCREEN indicators for a one-mile radius of the Creekwood and Creekwood South are the lower than the State and National averages including Particulate Matter 2.5, Ozone, and Wastewater Discharge. At Creekwood and Creekwood South, Diesel Particulate Matter, Traffic Proximity, Risk Management Plan (RMP) Facility Proximity are higher than the State average but lower than the National average. At Creekwood and Creekwood South, Air Toxics Cancer Risk, Air Toxics Respiratory Hazard Index, Lead Paint, Superfund Proximity, Hazardous Waste Proximity, and USTs are higher than the State and National averages. The EJSCREEN indicators for a one-mile radius of the Houston Moore are the lower than the State and National averages including Particulate Matter 2.5, Ozone, and Wastewater Discharge. At Houston Moore, Diesel Particulate Matter and Risk Management Plan (RMP) Facility Proximity are higher than the State average but lower than the National average. At Houston Moore, Air Toxics Cancer Risk, Air Toxics Respiratory Hazard Index, Traffic Proximity, Lead Paint, Superfund Proximity, Hazardous Waste Proximity, and USTs are higher than the State and National averages. According to the EPA Green Book, New Hanover County is listed as an attainment area.

		No adverse environmental impacts were identified during the proposed project's 24 CFR 58 environmental review. The proposed project does not facilitate development which would result in disproportionate adverse environmental impacts on low-income or minority populations. Rather, this proposed project will complete renovations and mold remediation at 41 storm-damaged, public housing units for 164 low-income (30%-50% AMI) displaced residents. Thus, the proposed project does not contribute to or promote environmental injustice. **Attachment 17:** EJSCREEN Standard Reports, EJSCREEN ACS Summary Reports, EJSCREEN Census 2010 Summary Reports, NC DEQ Community Mapping System Maps, EJSCREEN Community Report, and CDC Report for New Hanover County; **Attachment 5** – Clean Air Act documentation; and **Attachment 7** – Contamination and Toxic Substances documentation

Environmental Assessment Factor	Impact Code	Impact Evaluation
COMMUNITY FACILITIES AND SERVICES		
Educational and Cultural Facilities	2	There are several schools located within a one-mile radius of the Subject Property including Blount School, Chestnut Street Junior High School, Catlett School, Hooper School, Lake Forest Academy, Washington School, and Sunset Park Elementary School. There are many museums and cultural facilities located in downtown Wilmington, approximately 3 miles from the Subject Property. The proposed project will complete renovations and mold remediation at 41 storm-damaged, public housing units for 164 low-income (30%-50% AMI) displaced residents. Thus, the proposed project will enable displaced residents to return to their homes. Since the proposed project is renovating existing housing, it is not anticipated to have an impact on the community's educational and cultural facilities. **Attachment 19:** Education and Cultural Facilities documentation
Commercial Facilities	2	There are numerous commercial facilities located near the Subject Property. Some of the grocery stores and pharmacies located near the Woodbridge Apartments, Creekwood and Creekwood South include Food Lion, Target Grocery, 17th Street Market, Asian Life Market, La Va Quita, CVS, and Walgreens. Some of the grocery stores and pharmacies located near Houston Moore include Harris Teeter, Food Lion, Johnson Grocery Sam's Superette, Lidl, CVS, Walgreens and Sunset Park Pharmacy. Retail stores including Target, Walmart, Burlington, Costco Wholesale, Academy Sports & Outdoors, Wilmington Marketplace, Lowe's, Sam's Club, T.J.

		Maxx, Best Buy, Home Goods, Old Navy, Gabe's and Kohls are located near the Woodbridge Apartments, Creekwood and Creekwood South. Retail stores including Belk, Dollar General, Wrightsville Country Store, Village Market, Independence Mall, and many more are located near Houston Moore. In addition, downtown Wilmington is located approximately 3 miles from the Subject Property. The proposed project will complete renovations and mold remediation at 41 storm-damaged, public housing units for 164 displaced residents. The return of displaced residents will increase the customer base for these local businesses that might still be suffering losses experienced during the Covid-19 pandemic and hurricanes. The residents will also provide an employee base for local businesses. The proposed project should have a beneficial effect on local commercial facilities. **Attachment 20:** Commercial Facilities documentation
Health Care and Social Services	2	The proposed project is located in an area with close proximity to local health care and social service providers. Local health care and social services in the area include Novant Health New Hanover Regional Medical Center, Novant Health Betty H. Cameron Women's & Children's Hospital, Novant Health Clinic, Apria Healthcare, Children's Development Services, BrightStar Care of Wilmington and Brunswick County, Apex Behavioral Health, Wilmington Mental Health, Your Community Dental, New Hanover County Department of Social Services, Four County Community Services, First In Families of SE NC, The Arc of North Carolina, Kelly House, and many more facilities and organizations. The proposed project will complete renovations and mold remediation at 41 storm-damaged, public housing units for 164 displaced residents. These residents are likely already served by these health care and social services providers. Therefore, there should not be an increase in demand for health care and social services. **Attachment 21:** Health Care and Social Services documentation
Solid Waste Disposal / Recycling	2	Municipal solid waste and recycling services are available to the Subject Property through the City of Wilmington. The proposed project will complete renovations and mold remediation at 41 storm-damaged, public housing units for 164 low-income displaced residents. Since the proposed project is renovating existing housing, it is unlikely to have an impact on the solid waste and recycling services in the area. The NC DEQ DWM, Solid Waste Section (Section) usually recommends that during any demolition and construction, the

		Grant Recipient and/or its contractors should make "every feasible effort to minimize the generation of waste, to recycle materials for which viable markets exist, and to use recycled products and materials in the development of this project where suitable. Any waste generated by and of the projects that cannot be beneficially reused or recycled must be disposed of at a solid waste management facility permitted by the Division. The Section usually recommends that the Grant Recipient require all contractors to provide proof of proper disposal for all generated waste to permitted facilities." The NC DEQ usually states that renovations of structures containing asbestos material must be in compliance with 15 A NCAC 20.1110 (a) (1) which can require notification and removal prior to demolition." Thus, the proposed project is unlikely to have an adverse effect on the solid waste and recycling services in the area.
Waste Water / Sanitary Sewers	2	Waste water services and sanitary sewers are provided for the Subject Property through the City of Wilmington. The proposed project will complete renovations and mold remediation at 41 storm-damaged, public housing units for 164 displaced residents. Since the proposed project is renovating existing housing, it is unlikely to have an impact on the waste water services and sanitary sewers in the area.
Water Supply	2	Water supply services are provided to the Subject Property through the City of Wilmington. The proposed project will complete renovations and mold remediation at 41 storm-damaged, public housing units for 164 displaced residents. Since the proposed project is renovating existing housing, it is unlikely to have an impact on the water supply in the area.
Public Safety - Police, Fire and Emergency Medical	2	Adequate public safety, police, fire and emergency medical services (EMS) are available to the Subject Property through the Wilmington Police Department and Wilmington Fire Department. The proposed project will complete renovations and mold remediation at 41 storm-damaged, public housing units for 164 displaced residents. Since the proposed project is renovating existing housing, it is unlikely to have an impact on the public safety, police, fire and EMS services in the area.
Parks, Open Space and Recreation	2	Many parks, open spaces, trails, and recreational facilities are located nearby the Subject Property. Maides Park, Derick G.S. Davis Community Center, Willowdale Urban Farm, East Wilmington Park, and Wallace Park are located near Woodbridge Apartments, Creekwood, and Creekwood South. Greenfield Park, Greenfield Lake Amphitheater, Cameron Park, Robert Strange Park, Fit for Fun Center, Stanley Rehder Carnivorous Plant Garden, and Piney Ridge Preserve are located near Houston Moore. There are also onsite amenities for the residents. Woodbridge Apartments has a playground for children on the site. Residents at Creekwood South have access to a community center, activity room, community garden, basketball court, and playground. Residents at Houston Moore

		have access to an activity room, playground, and community basketball court. The proposed project will complete renovations and mold remediation at 41 storm-damaged, public housing units for 164 displaced residents. Since the proposed project is renovating existing housing, it is unlikely to have an impact on the parks, open space and recreation in the area. **Attachment 22:** Parks, Open Space and Recreation documentation
Transportation and Accessibility	2	The proposed project does not propose changes to streets or introduce new populations. The Subject Property is served by WAVE public transit. The proposed project will complete interior renovations and mold remediation at 41 storm-damaged, public housing units for 164 displaced residents. Since the proposed project involves interior renovation of existing housing, it is unlikely to have an impact on transportation and accessibility to the Subject Property or the area.

Environmental Assessment Factor	Impact Code	Impact Evaluation
NATURAL FEATURES		
Unique Natural Features, Water Resources	2	According to the NC NHP database, there are no records for rare species, important natural communities, natural areas, and/ or conservation areas within the proposed project boundaries. There are eight managed areas documented within a one-mile radius of the Woodbridge Apartments, seven City of Wilmington Open Spaces and one New Hanover County Open Space. There are seven managed areas documented within a one-mile radius of the Creekwood and Creekwood South area, five City of Wilmington Open Spaces and two New Hanover County Open Spaces. There are two managed areas, a City of Wilmington Open Space and New Hanover County Open Space, which abut Houston Moore and one City of Wilmington Open Space next to Creekwood and Creekwood South. There is one natural area and impaired waterbody, Greenfield Lake, located approximately 0.35-mile from the Houston Moore parcel. There are also four managed areas documented within a one-mile radius of Houston Moore, one City of Wilmington Open Space and three New Hanover County Open Spaces. However, the proposed project does not involve exterior work or ground disturbance. The proposed project will complete interior renovations and mold remediation at 41 storm-damaged, public housing units for 164 displaced residents. Since the proposed project involves interior renovation of existing housing, it is unlikely to have an impact on unique natural features and water resources.

		Attachment 8: USFWS Raleigh FO 10-step Project Review Package and USFWS and NCORR Correspondence and **Attachment 23:** Unique Natural Features and Water Resources documentation - Impaired Waterbody Map
Vegetation, Wildlife	2	The proposed project is a renovation and mold remediation project inside existing public housing with no proposed ground disturbance. In addition, the Subject Property does not contain suitable habitat for these species since the land is regularly mowed, existing public housing with paved parking areas. Therefore, the proposed project was determined to have "no effect" on proposed/ listed species and/ or proposed/ designated critical habitat and a "no Eagle Act permit required" for eagles. A Self-certification Letter and 10-step Project Review Package were prepared and submitted to the USFWS Raleigh Ecological Services FO on May 4, 2023. Since the proposed project renovates the interiors of existing housing, it is unlikely to have an impact on vegetation and wildlife. **Attachment 8:** USFWS Raleigh FO 10-step Project Review Package and USFWS and NCORR Correspondence
Other Factors	2	No other factors were identified that would be impacted by the proposed project.

Environmental Assessment Factor	Impact Code	Impact Evaluation
CLIMATE AND ENERGY		
Climate Change Impacts EO 14008	2	According to NOAA, climate change is likely increasing the intensity of tropical cyclones. The Subject Property is not located within a SFHA or a coastal zone. No portions of the Subject Property are located within 100- or 500-year floodplain. The proposed project is a renovation and mold remediation project at existing public housing. According to the EJSCREEN's Climate Change Data, the Subject Property has a 0.67 average change in drought (5-year SPEI), no projected coastal flood hazards, no projected 100-year floodplain, and no projected sea level rise. The census block group for Woodbridge Apartments contains 99% properties at wildfire risk in 2022 and 99% properties at wildfire risk in 2052, and 19% properties at flood risk in 2022 and 20% properties at flood risk in 2052. The census block group for Creekwood and Creekwood South contains 92% properties at wildfire risk in 2022 and 95% properties at wildfire risk in 2052, and 67% properties at flood risk in 2022 and 65% properties at flood risk in 2052. The census block group for Houston Moore contains 84% properties at wildfire risk in 2022 and 78% properties at wildfire risk in 2052, and 30% properties at flood risk in 2022 and 28% properties at flood risk in 2052. The data from the EJSCREEN is representative for the area, and lower

		risk percentiles than some portions of the surrounding area. According to the Climate Mapping For Resilience and Adaptation Tool data for the Subject Property's census tract, there is a relatively high risk (National Risk Index Ratings) of Extreme Heat, relatively moderate risk of Wildfire, relatively low risk of Flooding and Coastal Inundation; and very low risk for Drought (**Attachment 24**). Thus, the reviewed data does not present any additional significant site concerns. **Attachment 24** – Climate Change documentation, https://www.climate.gov/news-features/understandingclimate/climate-change-probably-increasing-intensitytropical-cyclones, https://ejscreen.epa.gov/mapper/, and https://livingatlas.arcgis.com/assessment-tool/home
Energy Consumption	2	The proposed project will incorporate Energy Star appliances and meet a higher energy code rating than previously used, as applicable. There is no anticipated increase in energy consumption from the proposed project since it is renovating existing housing.

Additional Studies Performed:

- Phase I ESA - Woodbridge by ECS Southeast, LLP dated April 18, 2023
- Phase I ESA - Creekwood/Creekwood South by ECS Southeast, LLP dated April 18, 2023
- Phase I ESA – Houston Moore by ECS Southeast, LLP dated April 19, 2023
- Mold Inspections/Background Air Sampling and Mold/Biological Contaminants Remediation Protocols for Units

Field Inspection (Date and completed by)**:**

- Woodbridge Apartments, Creekwood/Creekwood South on April 11, 2023 by ECS Environmental Scientist, Mr. Brycen Braswell
- Houston Moore on April 12, 2023 by ECS Environmental Scientist, Mr. Brycen Braswell

List of Sources, Agencies and Persons Consulted [40 CFR 1508.9(b)]**:**

References:

- New Hanover County Parcel Map, at https://nhcgov.maps.arcgis.com/apps/webappviewer/index.html?id=06539105dee84683be46bc47be3256ad
- Fact Sheet #D1: Siting HUD-Assisted Projects in Accident Potential Zones
- US EPA NEPAssist Tool, at https://nepassisttool.epa.gov/nepassist/nepamap.aspx
- Airport Data and Information Portal (ADIP), at https://adip.faa.gov/agis/public/#/public
- USFWS CBRS Mapper, at https://www.fws.gov/CBRA/Maps/Mapper.html

- FEMA Map Service Center, at https://msc.fema.gov/portal/home and https://hazards.fema.gov/femaportal/prelimdownload/searchResult.action
- EPA, North Carolina Nonattainment/Maintenance Status for Each County by Year for All Criteria Pollutants, at https://www3.epa.gov/airquality/greenbook/anayo_nc.html
- EPA, Recent Updates: Federal Register Notices Published or Effective After March 31, 2023, at https://www3.epa.gov/airquality/greenbook/adden.html
- NC DEQ CAMA Counties, https://deq.nc.gov/about/divisions/coastal-management/about-coastal-management/cama-counties
- NC DEQ DWM Site Locator, at https://ncdenr.maps.arcgis.com/apps/webappviewer/index.html?id=7dd59be2750b40bebebfa49fc383f688
- USFWS Raleigh Field Office
- USFWS Information for Planning and Consultation (IPaC), at https://ipac.ecosphere.fws.gov/
- NC NHP Data Explorer Tool, at https://ncnhde.natureserve.org/
- NC State Historic Preservation Office
- National Register of Historic Places, at https://www.nps.gov/maps/full.html?mapId=7ad17cc9-b808-4ff8-a2f9-a99909164466
- NC HPOWEB, at https://nc.maps.arcgis.com/home/item.html?id=79ea671ebdcc45639f0860257d5f5ed7
- HUD Tribal Directory Assessment Tool (TDAT), at https://egis.hud.gov/tdat/
- Catawba Indian Nation
- US EPA Map of Sole Source Aquifer Locations, at https://www.epa.gov/dwssa/map-sole-source-aquifer-locations
- Nationwide Rivers Inventory Map, at https://www.nps.gov/subjects/rivers/nationwide-rivers-inventory.htm
- North Carolina National and Wild Scenic Rivers, at https://www.rivers.gov/north-carolina.php
- EJSCREEN Standard Report, ACS Summary Report, Census 2010 Summary Report and CDC Report, at https://ejscreen.epa.gov/mapper/
- NC DEQ Community Mapping System Map, at https://ncdenr.maps.arcgis.com/apps/webappviewer/index.html?id=1eb0fbe2bcfb4cccb3cc212af8a0b8c8
- CDC National Environmental Public Health Tracking Network
- NC State Environmental Clearinghouse

Attachments:

Attachment 1: Proposed Project Location Maps and New Hanover County Parcel Information and Maps;
Attachment 1A: Site Visit Photographs;
Attachment 2: NEPAssist Airport Maps with 2,500-foot and 15,000-foot Buffers and FAA Airport Master Data for ILM;
Attachment 3: USFWS CBRS Maps;
Attachment 4: FEMA FIRMettes with Parcel Boundaries;
Attachment 5: North Carolina Nonattainment/Maintenance Status for Each County by Year for All Criteria Pollutants;
Attachment 6: NC DCM Counties Map and List and NCORR and NC DCM Correspondence;
Attachment 7: 7a - NEPAssist EPA Facilities Report with 1-mile Buffer, NEPAssist Facilities by Type, NC DEQ DWM Site Locator Reports with 1-mile, 0.5-mile, and 3,000-foot Buffer, Facility Reports, Phase I ESAs, and EPA NC Radon Level Map and **7b** - Mold Investigations/ Background Air Sampling, and Associated Mold/Biological Contaminant Remediation Protocols;

Attachment 8: USFWS Raleigh FO 10-step Project Review Package and USFWS and NCORR Correspondence;
Attachment 9: HUD Thermal and Explosive Hazards Worksheet, City Correspondence on Planned and Existing ASTs, Aerial Maps with 1-mile Buffer, AST Distance Maps, ASD Calculations, NC DEQ DWM Records, and Other Supporting Documentation;
Attachment 10: NEPAssist Urban Areas Maps;
Attachment 11: FEMA FIRMettes with Parcel Boundaries;
Attachment 12: SHPO Response, NCORR SHPO Submission Package, HUD TDAT Results, Catawba Indian Nation Response, NCORR Catawba Indian Nation Submission Package, and When to Consult with Tribes under Section 106 Checklist;
Attachment 13: HUD Noise Assessment - Review Summary, Noise Assessment Location (NAL) Maps, Major Roads with AADT Data Available Maps Showing 1,000-foot Buffer, Speed Limits, Distance Maps, 10-year Traffic Projections, Railroad Maps Showing 3,000-foot Buffer, Distance Maps, U.S. DOT Crossing Inventory Forms, CSX Correspondence, Airport Map Showing 15-mile Buffer, National Transportation Noise Map, ILM Noise Contour Map, FAA 5010 Airport Operations Data, and DNL Calculations Current and Future with 10-year Projections;
Attachment 14: U.S. EPA Sole Source Aquifers Map;
Attachment 15: NWI Wetlands Maps;
Attachment 16: NEPAssist Maps of DOI NPS Nationwide Rivers Inventory and National Wild and Scenic Rivers System Showing 1-mile Buffer from Proposed Project Site;
Attachment 17: EJSCREEN Standard Reports, EJSCREEN ACS Summary Reports, EJSCREEN Census 2010 Summary Reports, NC DEQ Community Mapping System Maps, EJSCREEN Community Report, and CDC Report for New Hanover County;
Attachment 18: Zoning - City of Wilmington Zoning Maps;
Attachment 19: Educational and Cultural Facilities documentation;
Attachment 20: Commercial Facilities documentation;
Attachment 21: Health Care and Social Services documentation;
Attachment 22: Parks, Open Space and Recreation documentation;
Attachment 23: Unique Natural & Water Resources documentation - Impaired Waterbody Map;
Attachment 24: Climate Change documentation; and
Attachment 25: State Environmental Clearinghouse Comments.

List of Permits To Be Obtained (later identified permits will be added to the ERR):

All applicable federal, State and local permits will be identified and obtained prior to starting construction.

- No permits have been identified.

Public Outreach [24 CFR 50.23 & 58.43]:

City Council Meetings
7/19/22
10/18/22
1/24/22

County Commissioners Meetings
10/17/22
1/9/23

Hillcrest Townhall Meeting
7/18/22

HC Redevelopment/RAD Resident Info Meetings
1/23/23
2/13/23

Cumulative Impact Analysis [24 CFR 58.32]**:**

The proposed project and its potential environmental impacts were evaluated in accordance with 24 CFR 58 requirements to determine whether it meets federal, State, and local environmental standards. This evaluation included a review of cumulative impacts on the environment resulting from the proposed project's incremental impacts combined with other past, present, and reasonably foreseeable future actions undertaken by any party. The proposed project does not negatively impact the surrounding environment or Subject Property and will not have an adverse environmental or health effect on end users. The proposed project will complete repairs, replacements and mold remediation at 41 public housing units severely damaged by Hurricane Florence so that they will once again provide safe, decent low-income public housing that is needed in the community. Thus, the benefits of this proposed project to the residents, the community, and WHA cannot be understated.

Alternatives [24 CFR 58.40(e); 40 CFR 1508.9]

The main alternatives include "No Action" or complete demolition of the units/buildings. The "No Action" alternative means that the 41 storm-damaged units would remain vacant, resulting in uninhabited public housing units and permanently displaced residents. Complete demolition is unnecessary, as major systems in the housing units remain functional, with significant remining useful life. These are not considered desirable, economical or feasible alternatives.

No Action Alternative [24 CFR 58.40(e)]:

With the "No Action" Alternative, the existing public housing units would remain in disrepair and uninhabited. The units would no longer provide housing to the low-income families in the local community who need it. The displaced families would need to find alternative permanent housing options. Further, taking no action on these units would result in a failure of the WHA to achieve its goal of providing safe, decent, affordable housing to the low-income residents of New Hanover County. Thus, the "No Action" Alternative is not feasible in relation to the desired objective of providing public housing and returning displaced residents to their homes.

Summary of Findings and Conclusions:

The preceding Statutory Checklist and Environmental Assessment Checklist, and the discussion below, document that the proposed project work will comply with regulations in 24 CFR part 58 and that there are no direct or cumulative adverse environmental impacts anticipated as a result of the proposed action.

Mitigation Measures and Conditions [40 CFR 1505.2(c)]:

Summarize below all mitigation measures adopted by the Responsible Entity to reduce, avoid, or eliminate adverse environmental impacts and to avoid non-compliance or non-conformance with the above-listed authorities and factors. These measures/conditions must be incorporated into project contracts, development agreements, and other relevant documents. The staff responsible for implementing and monitoring mitigation measures should be clearly identified in the mitigation plan.

Any change to the approved scope of work will require re-evaluation by the Certifying Officer for compliance with NEPA and other laws and Executive Orders.

This review does not address all federal, state, and local requirements. Acceptance of federal funding requires recipient to comply with all federal, state and local laws. Failure to obtain all appropriate federal, state, and local environmental permits and clearances may jeopardize federal funding. Guidelines, recommendations, and requirements identified during agency and the State Environmental Clearinghouse inter-agency review shall be considered and required, where applicable.

Law, Authority, or Factor	Mitigation Measure
Contamination and Toxic Substances 24 CFR Part 50.3(i) & 58.5(i)(2)	Mold investigations/ background air sampling, and associated mold/biological contaminant remediation protocols (mold reports) have been completed at the proposed project sites (*see* **Attachment 7b**). Mold remediation will be in compliance with all applicable federal, State and local laws, regulations and procedures. The units will be tested for ACM prior to proposed project activities. The North Carolina Department of Health and Human Services (DHHS) and Asbestos Hazard Management Program handles asbestos control and NC asbestos abatement procedure. Asbestos inspection and the removal of regulated ACM must be done by NC-accredited asbestos professionals in accordance with all applicable federal, State and local laws, regulations and procedures. The activities must conform to Article 19, N.C. Gen. Stat. § 130A-444-451, the National Emission Standard for Hazardous Air Pollutants (NESHAP, 40 CFR Part 61, Subpart M) pertaining to demolition and renovation in 40 CFR 61.145, NESHAP pertaining to waste disposal in 40 CFR 61.150, Occupational Safety and Health Act of 1970, Pub. L. 91-596, 84 Stat. 1590, 29 U.S.C. § 651, et seq., as amended (OSHA), Asbestos Standard for Construction 29 CFR 1926.1101, OSHA 29 CFR 1910, NC OSHA 13 N.C.A.C. 7C .0101, Transportation under 49 CFR 173.1090, and North Carolina Solid Waste Laws. If ACM is present, then the proposed project activities and ACM disposal will conform with all applicable permits, laws and regulations. An Asbestos Permit Application (DHHS

	3768) must be submitted to the HHCU of the NC Department of Health & Human Services Division of Public Health, prior to further renovation, if more than 35 cubic feet, 160 square feet, or 260 linear feet of regulated ACM is to be removed from the building in compliance with 15A NCAC 20.1110 (a)(1). If the ACM removal is greater than 3,000 square feet, 1,500 linear feet, or 656 cubic feet in a public area, then a design, project monitoring plan, and (transmission electron microscopy) TEM clearance might be required under 10A NCAC 41C .0607. Whenever federal funds are used to assist housing built before 1978, steps must be taken to address lead hazards. Therefore, the units in Creekwood/Creekwood South and Houston Moore will be tested for LBP. LBP inspection and abatement must be done by NC HHCU certified LBP firms and professionals. The activities must conform with all applicable federal, State and local laws, regulations and procedures regarding LBP including, but not limited to, HUD's LBP regulations in 24 CFR Part 35; OSHA (29 CFR 1926.62); EPA regulations (40 CFR Part 745); and LBP Hazard Management Program (Article 19, N.C. Gen. Stat. § 130A-453; 10A NCAC 41C .0800). A NC LBP Abatement Permit Application might be required. All LBP debris will be properly disposed of in a NC DEQ DWM approved landfill facility in accordance with applicable regulations. The NC DEQ DWM Hazardous Waste Section (HWS) usually recommends that "[a]ny hazardous waste generated from the demolition, construction, operation, maintenance, and/or remediation (e.g., excavated soil) from the proposed project must be managed in accordance with the NC Hazardous Waste Rules. The demolition, construction, operation, maintenance, and remediation activities conducted will most likely generate a solid waste, and a determination must be made whether it is a hazardous waste. If a project site generates more than 220 pounds of hazardous waste in a calendar month, the HWS must be notified, and the site must comply with the small quantity generator (SQG) requirements. Protocols will be followed to ensure any suspect ACM, LBP and mold encountered are tested, remediated/abated and disposed of in accordance with all applicable permits, laws, and regulations. Any mold, LBP, and Asbestos Inspection(s), Abatement(s) and Clearance Report(s), and applicable permits will be appended to this ERR.
Noise Abatement and Control Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B	The DNLs for Creekwood/Creekwood South NALs #1, 2, 3, 4 and 5 and Houston Moore are within the HUD Normally Unacceptable noise level range (above 65 dB but not exceeding 75 dB). For rehabilitation activities involving existing noise sensitive facilities exposed to Normally

	Unacceptable noise levels, HUD strongly encourages incorporation of noise attenuation measures given the extent and nature of the rehabilitation being undertaken and the level of exterior noise exposure. These are individual units within existing public housing buildings that are undergoing rehabilitation in response to storm damage. Additionally, many of the buildings are surrounded by existing residential uses and not in line-of-sight of a major or arterial roadway, railroad or within the noise contour lines of a commercial or military airport. According to 24 CFR 51.101(a)(5), "[f]or major or substantial rehabilitation projects in the Normally Unacceptable and Unacceptable noise zones, HUD actively shall seek to have project sponsors incorporate noise attenuation features, given the extent and nature of the rehabilitation being undertaken and the level or exterior noise exposure." The main noise paths are roofs, eaves, walls, windows, door and penetrations. The laboratory STC (Sound Transmission Class) values represent the maximum value of sound insulation a construction can provide. Recommendations include the use of wall materials meeting appropriate STC levels and double-paned windows with an appropriate STC level for each unit. Each unit has a different level of rehabilitation and activities required and not all units might include new drywall and windows. The HUD Noise Guidebook has recommendations which might be able to be incorporated into one or more units such as sealing cracks and edges, staggering studs, increase glass window thickness and installing double-glazed windows. The HUD Sound Transmission Classification Assessment Tool (STraCAT) is an electronic version of Figures 17 and 19 in The HUD Noise Guidebook which can be used by the project architect. The purpose of this tool is to document sound attenuation performance of wall systems. Based on wall, window, and door STC values, the STraCAT generates a composite STC value for the wall assembly as a whole. Users can enter the calculated noise level related to a specific Noise Assessment Location in front of a building façade and STraCAT will generate a target required attenuation value for the wall assembly in STC. Based on wall materials, the tool will state whether the composite wall assembly STC meets the required attenuation value. The Grant Recipient will notify NCORR which noise attenuation methods are incorporated into the units. Short-term construction noise will be limited to daytime hours. Construction equipment will be required to meet local sound control requirements. The proposed project activities will be completed in accordance with all applicable federal, State and local laws, regulations, and permit requirements and conditions.

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Solid Waste Disposal / Recycling	The NC DEQ DWM, Solid Waste Section (Section) usually recommends that during any demolition and construction, the Grant Recipient and/or its contractors should make "every feasible effort to minimize the generation of waste, to recycle materials for which viable markets exist, and to use recycled products and materials in the development of this project where suitable. Any waste generated by and of the projects that cannot be beneficially reused or recycled must be disposed of at a solid waste management facility permitted by the Division. The Section usually recommends that the Grant Recipient require all contractors to provide proof of proper disposal for all generated waste to permitted facilities." The NC DEQ usually states that renovations of structures containing asbestos material must be in compliance with 15 A NCAC 20.1110 (a) (1) which can require notification and removal prior to demolition."

Determination:

☒ **Finding of No Significant Impact** [24 CFR 58.40(g)(1); 40 CFR 1508.27]
The project will not result in a significant impact on the quality of the human environment.

☐ **Finding of Significant Impact** [24 CFR 58.40(g)(2); 40 CFR 1508.27]
The project may significantly affect the quality of the human environment.

Preparer Signature: Andrea Sievers Date: 8/3/23

Name/Title/Organization: Andrea Gievers, Environmental SME, NCORR

Certifying Officer Signature: DocuSigned by: Laura H. Hogshead FF541CA0AE7E46F... Date: 8/3/2023

Name/Title: Laura H. Hogshead, Director, NCORR

This original, signed document and related supporting material must be retained on file by the Responsible Entity in an Environmental Review Record (ERR) for the activity/project (ref: 24 CFR Part 58.38) and in accordance with recordkeeping requirements for the HUD program(s).

ATTACHMENT 1:

Proposed Project Location Maps and New Hanover County Parcel Information and Maps

Woodbridge Apartments (20 Units) at 302 Grass Lane, Wilmington, NC 28405 (Unit #s 101-110, 201-205, 207 & 209-212)

Woodbridge Apartments (20 Units) - Aerial Map



April 26, 2023

1:4,514

Woodbridge Apartments (20 Units), 302 Grass Lane, Wilmington, NC 28405

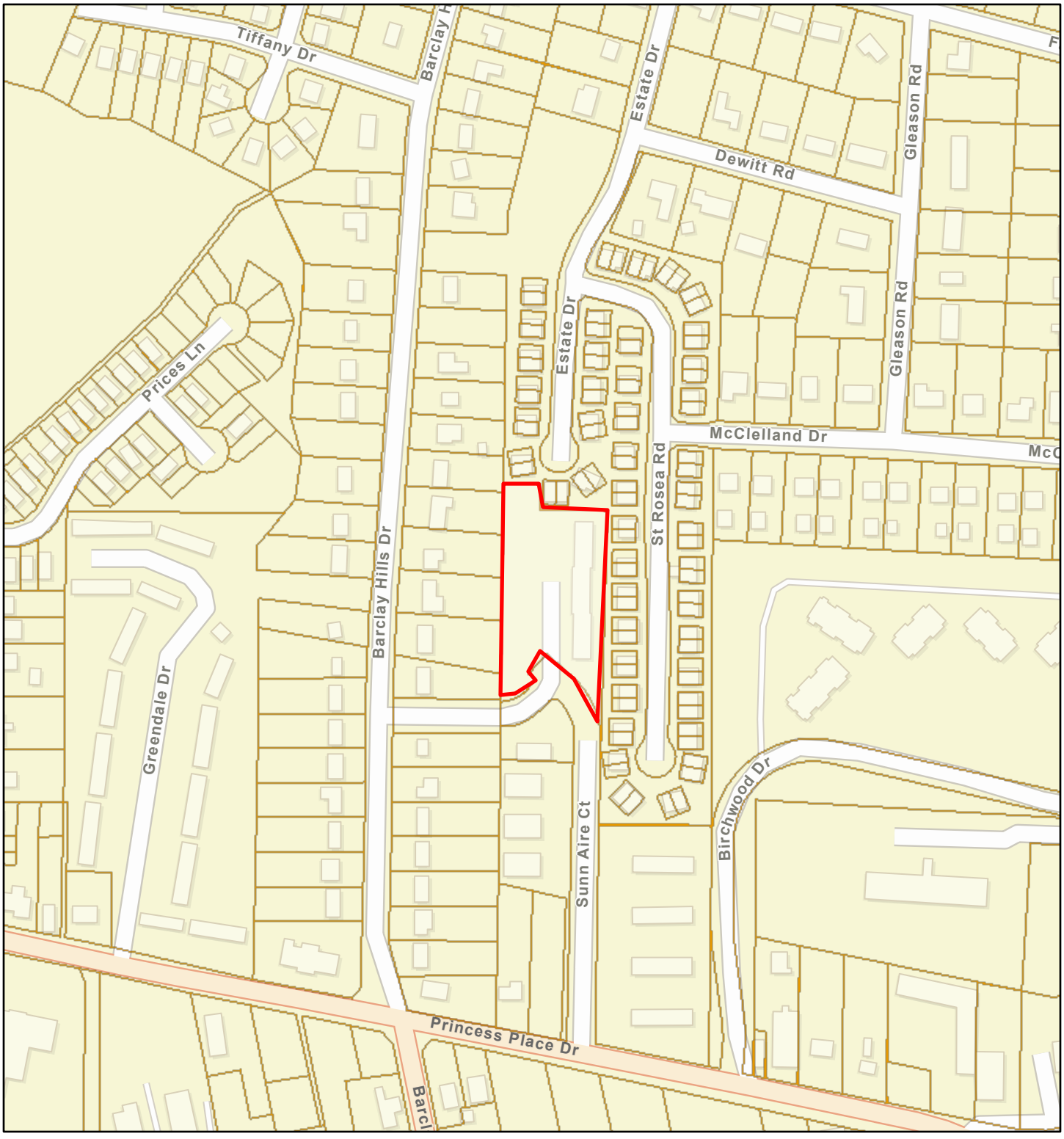
Parcel Boundaries

0 0.03 0.06 0.12 mi

0 0.05 0.1 0.2 km

NC CGIA, Maxar, Esri Community Maps Contributors, New Hanover County, State of North Carolina DOT, © OpenStreetMap, Microsoft, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, New Hanover County NC

Woodbridge Apartments (20 Units) - Street Map



April 26, 2023

1:4,514

Woodbridge Apartments (20 Units), 302 Grass Lane, Wilmington, NC 28405

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Esri Community Maps Contributors, New Hanover County, State of North Carolina DOT, © OpenStreetMap, Microsoft, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, New Hanover County NC

Woodbridge Apartments (20 Units) - Topo Map



April 26, 2023

1:4,514

0 0.03 0.06 0.12 mi

0 0.05 0.1 0.2 km

Woodbridge Apartments (20 Units), 302 Grass Lane, Wilmington, NC 28405

Parcel Boundaries

New Hanover County NC, Copyright:© 2013 National Geographic Society, i-cubed

Creekwood (14 Units) at
602, 712, 804, 805, 809 & 1008 N. 30th St.,
617, 701, 707, 708, 902, 915 & 922 Emory St.,
and 2905 Clayton Place, Wilmington, NC
28405

Creekwood (14 Units) - Aerial Map



April 28, 2023

1:4,514

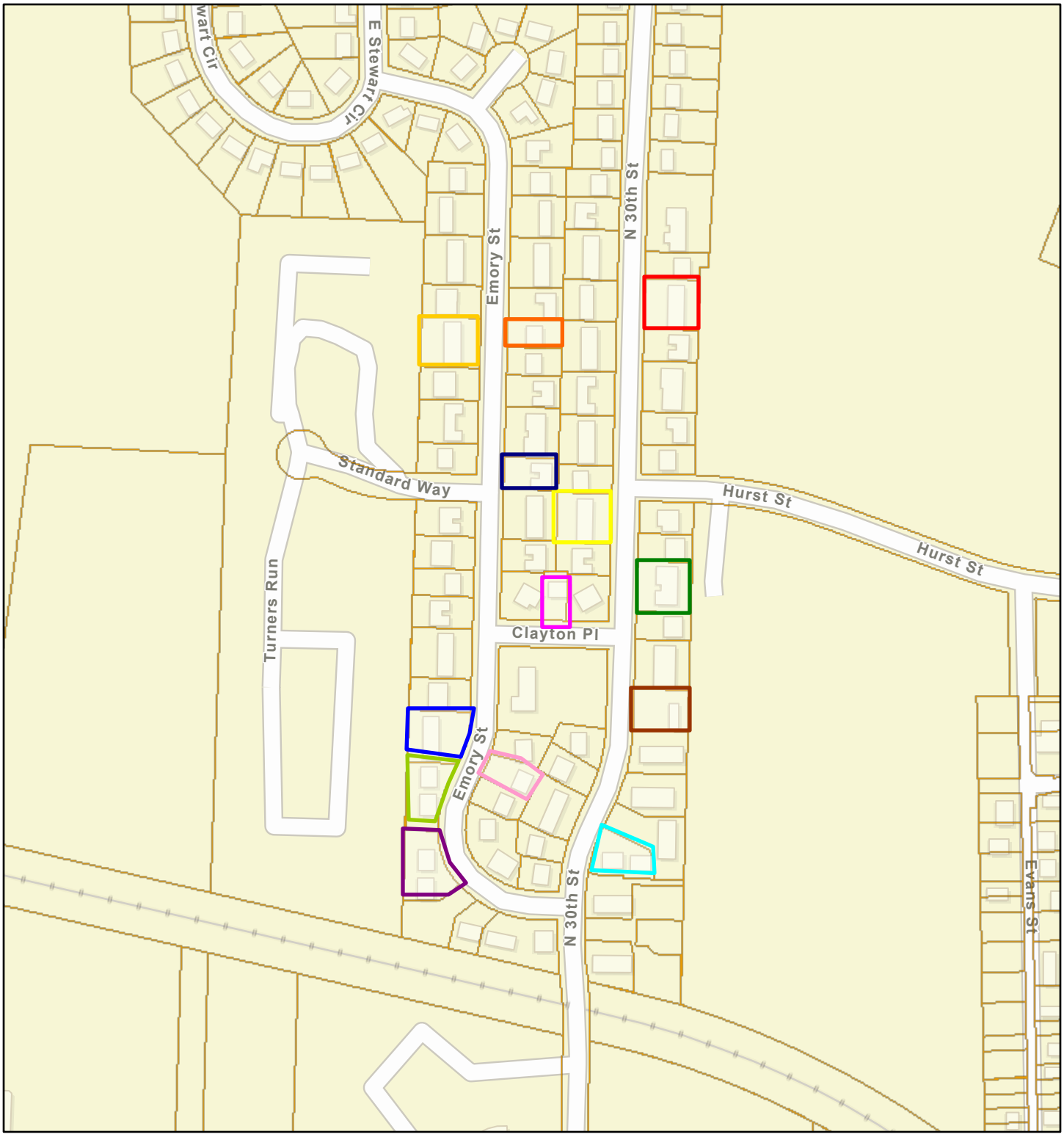
0 0.03 0.06 0.12 mi

0 0.05 0.1 0.2 km

804 N. 30th St.
902 Emory St.
712 N. 30th St.
707 Emory St.
708 Emory St.
1008 N. 30th St.
602 N. 30th St.
2905 Clayton Pl.
922 Emory St.
915 Emory St.
701 Emory St.
617 Emory St.
805 & 809 N. 30th St.
Parcel Boundaries

NC CGIA, Maxar, Esri Community Maps Contributors, New Hanover County, State of North Carolina DOT, © OpenStreetMap, Microsoft, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, New Hanover County NC

Creekwood (14 Units) - Street Map



April 28, 2023

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0 0.03 0.06 0.12 mi

0 0.05 0.1 0.2 km

- 804 N. 30th St.
- 902 Emory St.
- 712 N. 30th St.
- 707 Emory St.
- 708 Emory St.
- 1008 N. 30th St.
- 602 N. 30th St.
- 2905 Clayton Pl.
- 922 Emory St.
- 915 Emory St.
- 701 Emory St.
- 617 Emory St.
- 805 & 809 N. 30th St.
- Parcel Boundaries

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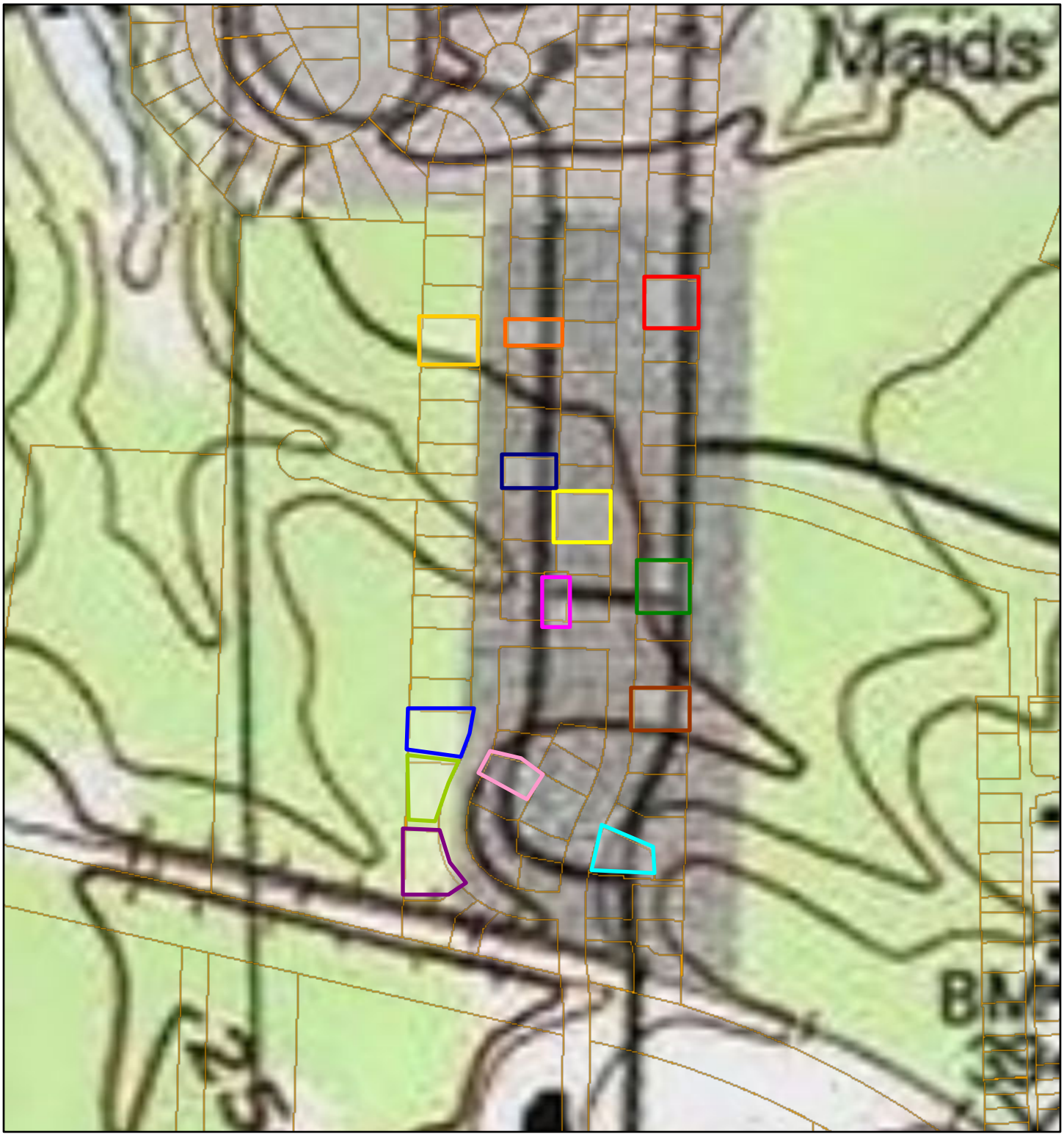
Creekwood (14 Units) - Topo Map



April 28, 2023

1:4,514

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0 0.05 0.1 0.2 km

804 N. 30th St.
902 Emory St.
712 N. 30th St.
707 Emory St.
708 Emory St.
1008 N. 30th St.
602 N. 30th St.
2905 Clayton Pl.
922 Emory St.
915 Emory St.
701 Emory St.
617 Emory St.
805 & 809 N. 30th St.
Parcel Boundaries

New Hanover County NC, Copyright:© 2013 National Geographic Society, i-cubed

Creekwood South (6 Units) at
502, 522, 609, 611, 613 & 710 N. 30th St.,
Wilmington, NC 28405

Creekwood South (6 Units) - Aerial Map



April 28, 2023

1:4,514

0 0.03 0.06 0.12 mi

0 0.05 0.1 0.2 km

710 N. 30th St.

609, 611 & 613 N. 30th St.

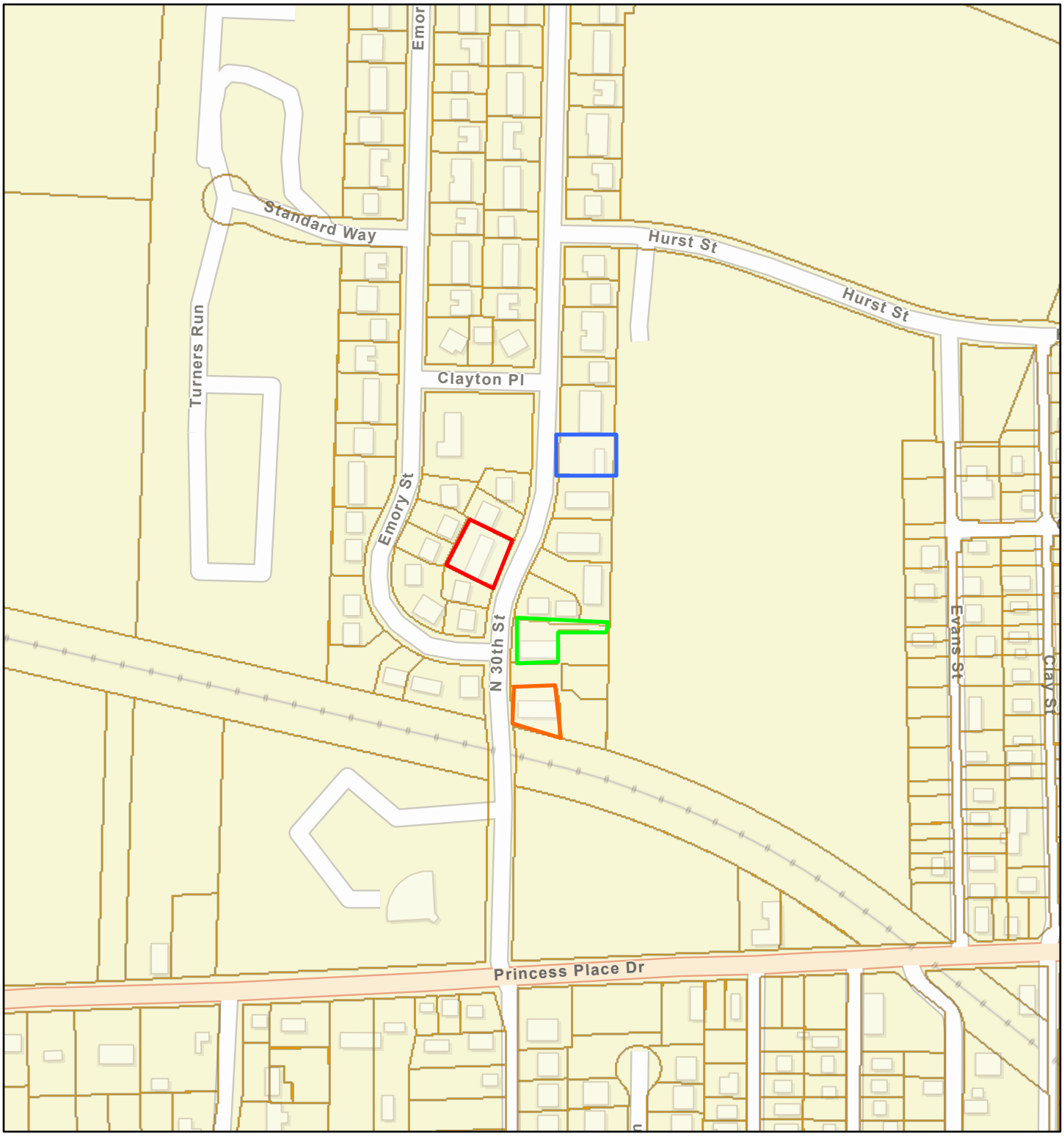
502 N. 30th St.

522 N. 30th St.

Parcel Boundaries

NC CGIA, Maxar, Esri Community Maps Contributors, New Hanover County, State of North Carolina DOT, © OpenStreetMap, Microsoft, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, New Hanover County NC

Creekwood South (6 Units) - Street Map



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609, 611 & 613 N. 30th St.

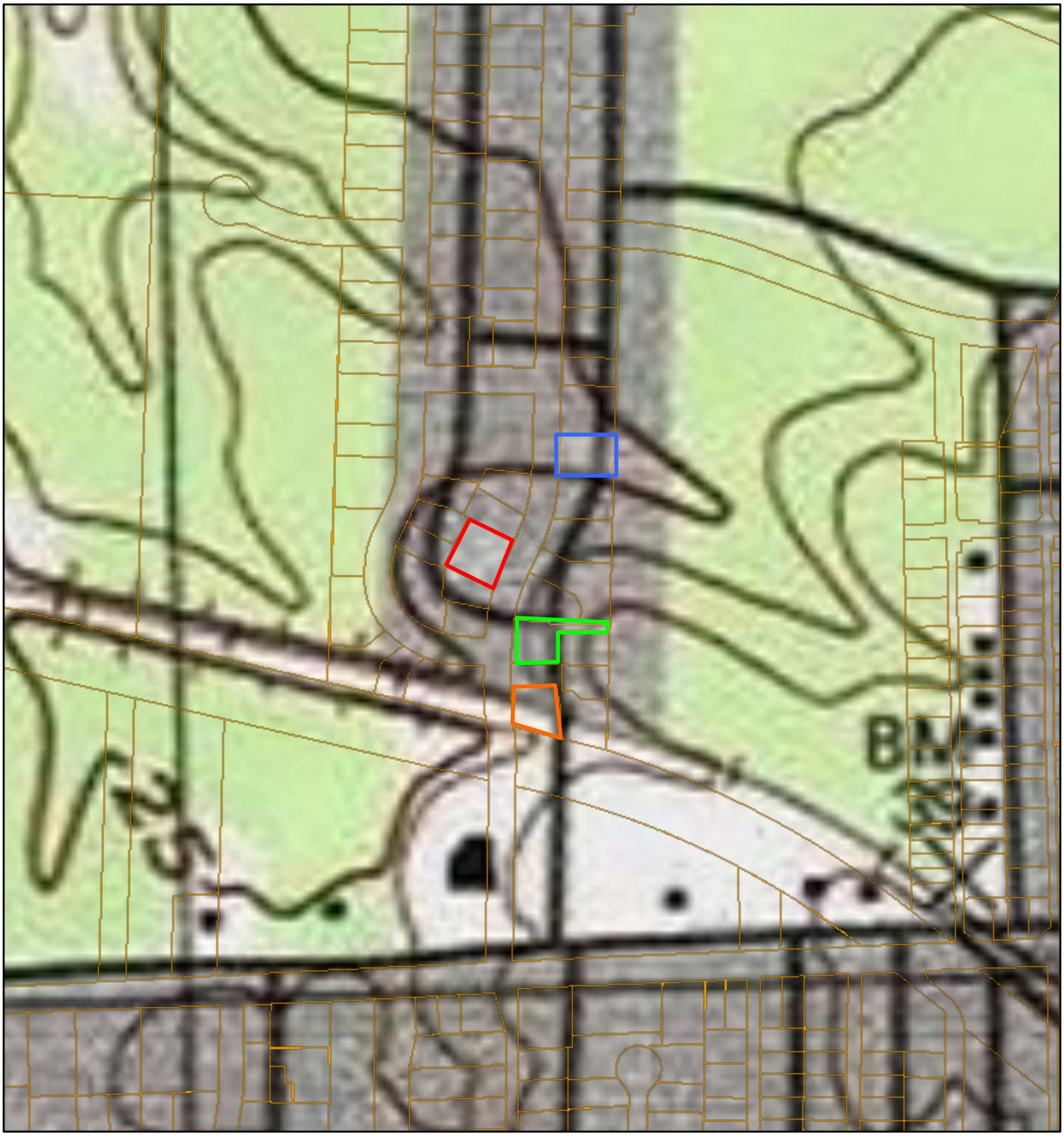
502 N. 30th St.

522 N. 30th St.

Parcel Boundaries

Esri Community Maps Contributors, New Hanover County, State of North Carolina DOT, © OpenStreetMap, Microsoft, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, New Hanover County NC

Creekwood South (6 Units) - Topo Map



April 28, 2023

1:4,514

0 0.03 0.06 0.12 mi

0 0.05 0.1 0.2 km

710 N. 30th St.

609, 611 & 613 N. 30th St.

502 N. 30th St.

522 N. 30th St.

Parcel Boundaries

New Hanover County NC, Copyright:© 2013 National Geographic Society, i-cubed

Houston Moore (1 Unit) at
1420 Greenfield St., Wilmington, NC
28405

Houston Moore (1 Unit) - Aerial Map



April 26, 2023

1:4,514

0 0.03 0.06 0.12 mi

0 0.05 0.1 0.2 km

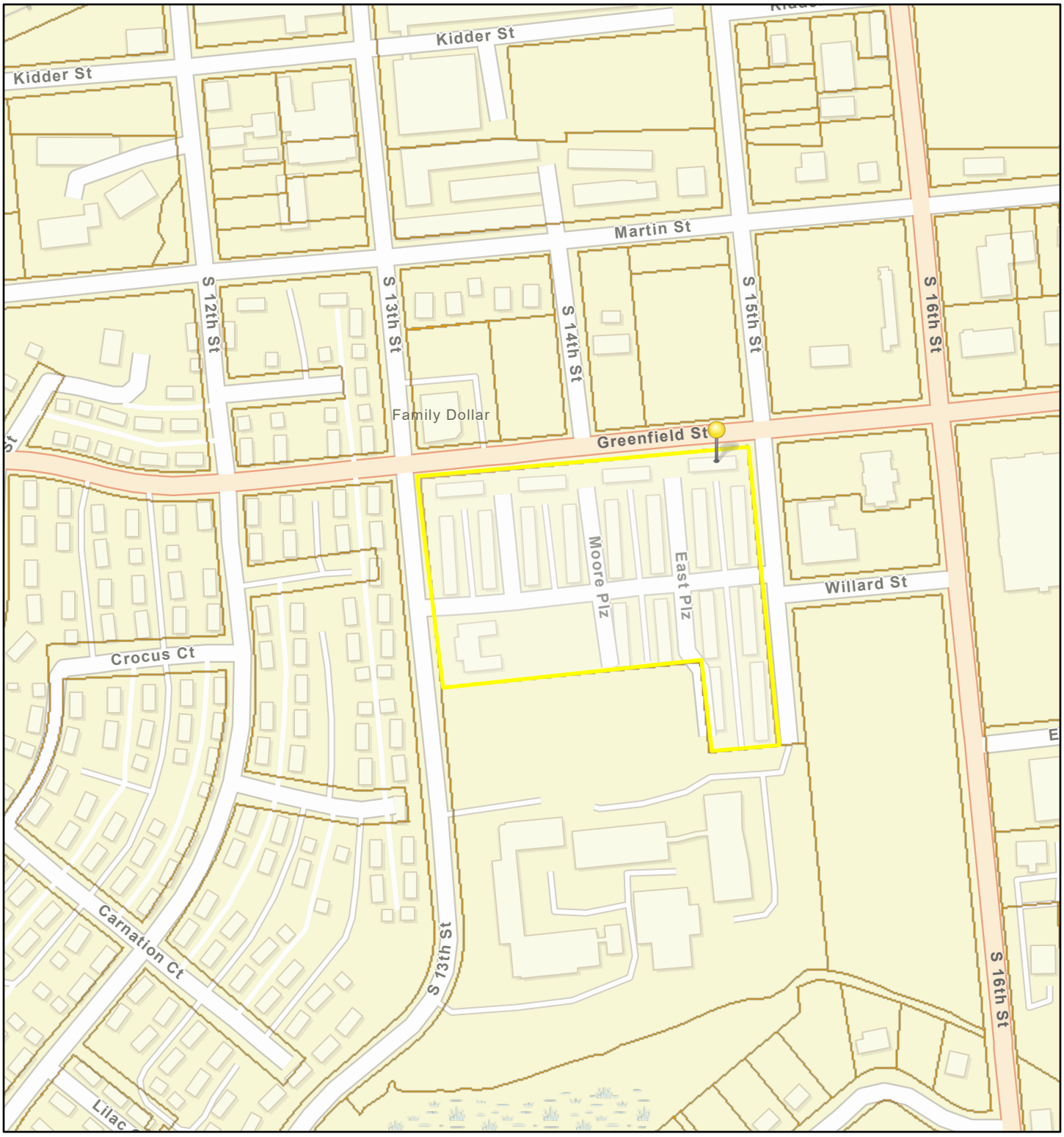
1420 Greenfield St.

Houston Moore

Parcel Boundaries

NC CGIA, Maxar, Esri Community Maps Contributors, New Hanover County, State of North Carolina DOT, © OpenStreetMap, Microsoft, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, New Hanover County NC

Houston Moore (1 Unit) - Street Map



April 26, 2023

1:4,514

0 0.03 0.06 0.12 mi

0 0.05 0.1 0.2 km

1420 Greenfield St.

Houston Moore

Parcel Boundaries

Esri Community Maps Contributors, New Hanover County, State of North Carolina DOT, © OpenStreetMap, Microsoft, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, New Hanover County NC

Houston Moore (1 Unit) - Topo Map



April 26, 2023

1:4,514

0 0.03 0.06 0.12 mi

0 0.05 0.1 0.2 km

1420 Greenfield St.

Houston Moore

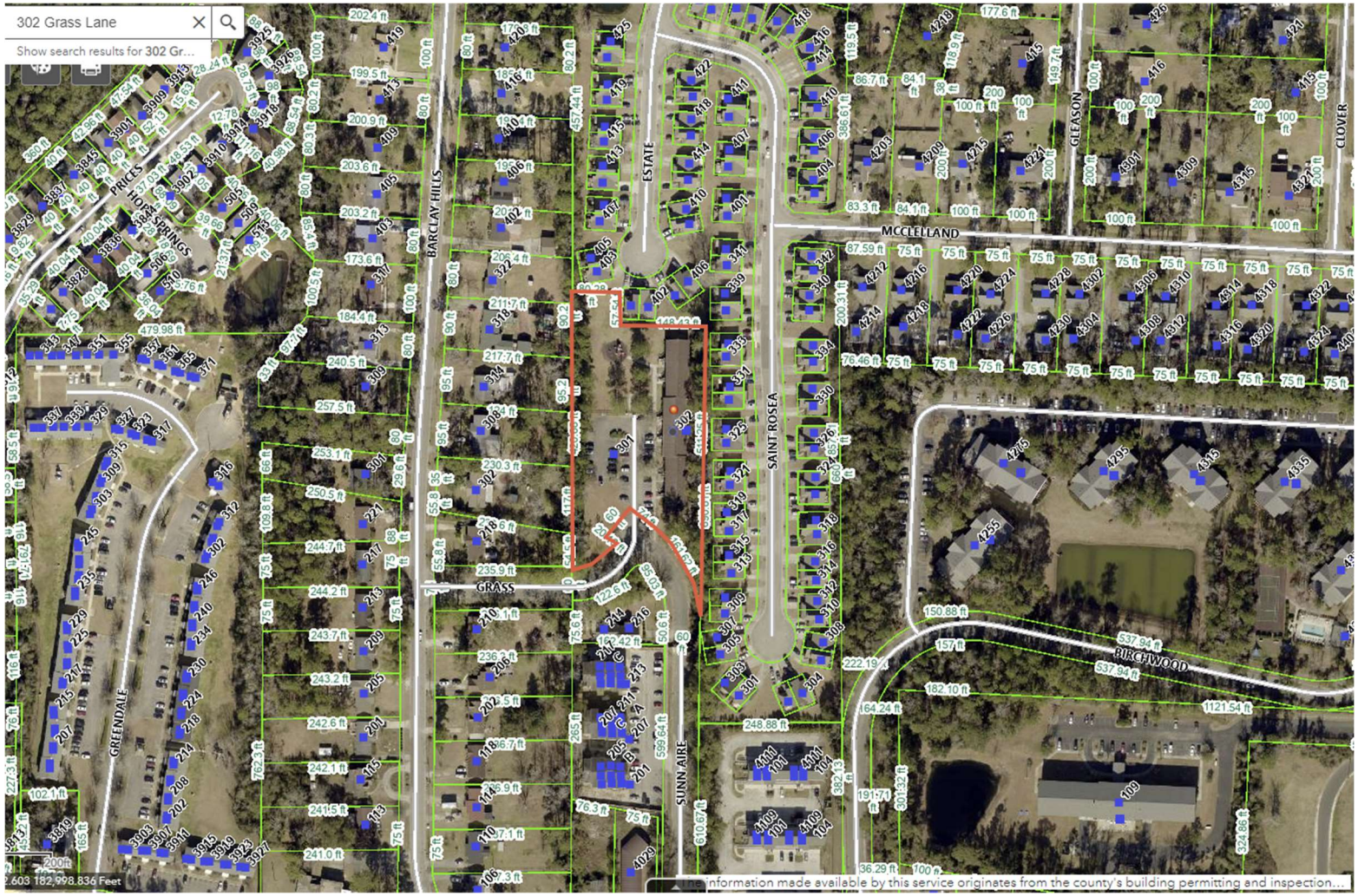
Parcel Boundaries

New Hanover County NC, Copyright:© 2013 National Geographic Society, i-cubed

New Hanover County Parcel Information and Maps

Woodbridge Apartments (20 Units) at 302 Grass Lane, Wilmington, NC 28405 (Unit #s 101-110, 201-205, 207 & 209-212)

Woodbridge Apartments (20 Units) at 302 Grass Lane, Wilmington, NC 28405
New Hanover County Parcel Map



COMMERCIAL PROPERTY RECORD CARD 2023

NEW HANOVER COUNTY, NORTH CAROLINA

CA329NCHAN

R04910-006-022-000	Situs : 302 GRASS LN BUILDING	Land Use: Apartment	Card: 1 of 1	Printed: 03/20/23

Ownership & Legal Description:

WILMINGTON HOUSING AUTHORITY
PO BOX 899
WILMINGTON NC 28402

Legal: PT HERITAGE FEDERAL TRACT

Alternate Id: 313818.32.8238.000
District:
Book/Page:
Nbhd: CGC00
Living Units: 4
Routing No. CGC0-0 071
Class: CHR3



Property Description

Restr 1/2/3:
Topo 1/2/3: Level With Street
Utilities 1/2/3: Water/Sewer, Public
Road 1/2: Residential Street
Zoning: MULTI FAMILY MED DEN

Traffic: Light
Fronting:
Location:
Spot Loc:

Land Information

Code	Type	Size	Infl. Factors	Base Rate	Incr/Decr	Value
Commercial	AC	2.1000		75,000.00	35,000.00	163,080

Total Acres: 2.1

Assessment Information

	Assessed	Appraised	Cost	Income	Market
Land	163,100	163,100	163,100		0
Building	1,672,200	1,672,200	1,672,200		0
Total	1,835,300	1,835,300	1,835,300		0

Exempt Code EX
Exempt Amount 1,835,300
Class CHR3

Entrance Information

Date	ID	Entry Code	Source
12/05/02	TN		
01/14/06	RK	Entrance Gained New Const	Appraiser
08/14/06	TN	Drive By	Appraiser
06/23/09	BL	Reviewer	Appraiser
09/10/10	BL	Reviewer	Appraiser

Permit Information

Date	Number	Price	Purpose	Notes	% Complete

Sales/Ownership History

Transfer Date	Price	Type	Validity	Deed Book/Page	Deed Type	Grantee
08/18/14		Improved		5833/0792	Easement	TIME WARNER CABLE ENTERPRISES LLC
09/06/05			Unqualified	4900/997	Warranty Deed	WALMARK LLC
09/06/05	2,825,000	Improved	Qualified	4900/1002	Warranty Deed	WILMINGTON HOUSING AUTHORITY
09/06/05				4900/1009	Special Proceedings	WILMI HOUSING AUTHORITY
12/23/98		Vacant	Unqualified	2492/0067	Warranty Deed	WOODBRIDGE LLC
12/02/98		Vacant	Unqualified	2479/0804	Deed Of Correction	TIME WARNER ENT ADV/NEWH PART
11/06/98		Vacant	Unqualified	2465/0179	Easement	TIME WARNER ENT ADV/NEWH PART
05/05/98		Vacant	Unqualified	2359/0907	Easement	WOODBRIDGE PARTNERSHIP
05/05/98		Vacant	Unqualified	2359/0877	Easement	WOODBRIDGE PARTNERSHIP
12/09/92	125,000	Vacant	Unqualified	1634/1154	Warranty Deed	WOODBRIDGE PARTNERSHIP

Inspection Witnessed By _____

R04910-006-022-000 | **Situs : 302 GRASS LN BUILDING** | **Land Use: Apartment** | **Card:** 1 **of** 1 | Printed: 03/20/23

Building Information

Year Built/Eff Year	1993 /
Building #	1
Structure Type	Apartment Garden/T
Identical Units	1
Total Units	24
Grade	C-
# Covered Parking	
# Uncovered Parking	
DBA	WOODBRIDGE APARTMENTS

Building Other Features

Line	Type	+/-	Meas1	Meas2	# Stops	Ident Units
1	Open Porch		1	188		2
1	Open Porch		1	188		2
1	Open Porch		1	188		2

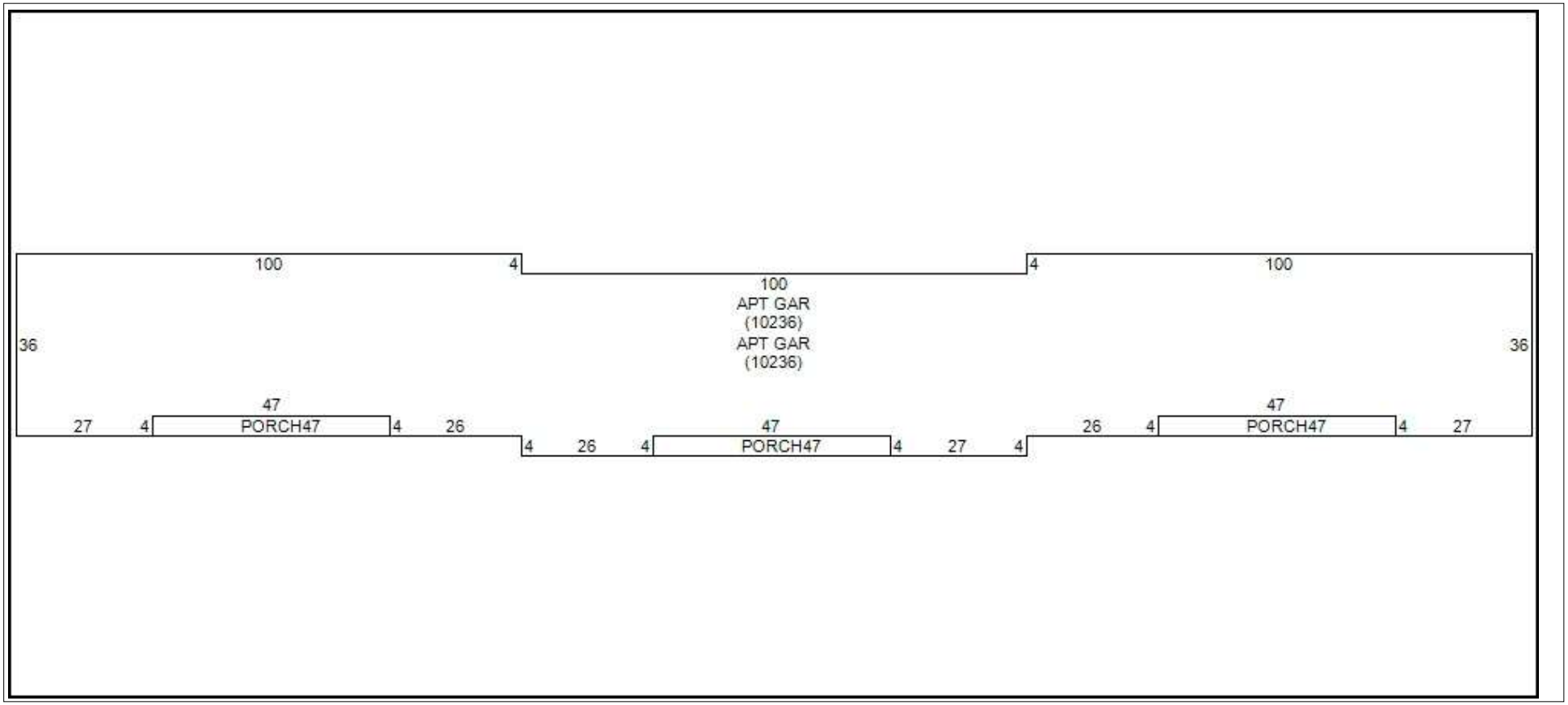
Interior/Exterior Information

Line	From	To	Int Fin	Yr Blt	Area	Perim	Use Type	Wall Ht	Ext Wall	Constr	Part	Heating	Cooling	Plumb	Phy	Fun	%Good	%Comp	RCNLD	BLFCT	ADJRCNLD
1	01	01	100		10,236	712	Apartment/Ga	9	Part Brick A	Wood Siding(I	Normal	Hot Air	Hvac	Normal	A	A	72		841,916	1	841,916
2	02	02	100		10,236	712	Apartment/Ga	9	Part Brick A	Wood Siding(I	Normal	Hot Air	Hvac	Normal	A	A	72		814,855	1	814,855

Outbuilding Data

Line	Type	Yr Blt	Eff Yr	YrRemd	W x L	Area	Grd	Units	Mod Cd	Rate	Ovrd Rt	RCN	Phy	Fun	%Cmp	%Gd	Tble	%Gd	FunDep	EcoDep	AdjFact	Value
1	Pvmt/Asp	1993	1993		x	51,400	C	1		1.50		77,100									1	15,420

R04910-006-022-000	Situs : 302 GRASS LN BUILDING	Land Use: Apartment	Card: 1 of 1	Printed: 03/20/23



Vector Strings

Bldg	1	APG	A0CR100D4R100U04R100D36L27U04L47D04L26D04L27U04L47D04L26U04L26U04L47D04L27U36
Bldg	2	APG	A0CR100D4R100U04R100D36L27U04L47D04L26D04L27U04L47D04L26U04L26U04L47D04L27U36
Features	1	POR	A1D36R27CU04R47D04L47
Features	2	POR	A2D36R27U04R47D04R26D04R26CU04R47D04L47
Features	3	POR	A3D36R27U04R47D04R26D04R26R74U04R26CR47U04L47D04

Creekwood (14 Units) at
602, 712, 804, 805, 809 & 1008 N. 30th St.,
617, 701, 707, 708, 902, 915 & 922 Emory St.,
and 2905 Clayton Place, Wilmington, NC
28405

Creekwood (14 Units), 602 North 30th Street, Wilmington, NC 28405
New Hanover County Parcel Map



R04909-001-010-000 2023 *New Hanover County, NC - Property Card* Printed: 04/26/23 Card: 1 of 2 Appr#: Input Dte: ___/___/_____ ID:_____

Ownership & Legal Description:

602 N 30TH ST WILMINGTON

Owner: WILMINGTON HOUSING AUTHORIT\
PO BOX 899\
WILMINGTON NC 28402

Legal: LOT 5 CREEKWOOD SOUTH

Nbhd: G8D85 **Land Use:** 12

Assessment

Land	44,500	Oby		Exempt Code:	EX
Bldg	207,700	Class	CHR3	Exempt Amount:	252,200
Total	252,200	Taxable:		Routing:	071

Land Description (CA12 and CA14):

Restr. 1/2/3: **Traffic:** Light\
Topo 1/2/3: Level With Street **Fronting:**\
Utils 1/2/3: Water/Sewer, Public **Location:**\
Road 1 /2: Residential Street **Zoning:** MF-M **Spot Loc:**

L#	Typ	Code	Unit	Rate	Incr	Decr	Depth	Fact	Nbhd	Infl Cd /Pct	Value
1	S	RES	11,282	3.5	1.25	1.25			1		44,478

Total Parcel Size: 11,282 0.2590 44,478

CA16: **Date:** 09/24/15 **Entr Rslt:** R **Spoke With:** A **Appr:** SW



Improvement Description (CA21):

Story Ht: 2 **Half Baths:** 2 **Int vs. Ext Cnd:** **Grade:** C- **C&D Factor:**\
Cnstr: Part Brick & Fran **Extra Fixtures:** 0 **Bldg Use Code:** **CDU:** AVERAGE **C&D Descrip:**\
Style: Duplex **Bsmt:** None **Masonry Trim:** **Market Adj:** **Funct Dep %**\
Yr Blt: 1970 **Heating:** Central With A/C **Unfin Area:** **Pct Cmplt:** **Funct Desc:**\
Eff Year: **Heating Fuel:** Electric **Rec Room:** 0 **SFLA:** 2296 **Econ Dep%:**\
Yr Remod: **System:** Heat Pump **Fin.Bsmt Area:** **Excavated** **Econ Desc:**\
% Remod: **Attic:** **WBFP Stacks:** **Pilings** **Over Depr Tbl:**\
Bedrms: 6 **Phys Cond:** **Prefab Stacks:** 0 **Concrete**\
Full Baths: 2 **Elevators** **Bsmt Gar # Cars:**

Remarks - (CA12 Notes)

DWELL ADDNS CA22

L#	Low	1st	2nd	3rd	Description	Area	Value(RCN)	Year Built	Eff Yr Built	Grade	CDU	%Good	Table	% Comp	RCNLD
0						1,148	209,640	1971		C-	AV		50		102,724
1		UTL				16	274	1970		C-	AV		49		134
2		MST				32	576	1970		C-	AV		49		282
3		MST				32	576	1970		C-	AV		49		282
4		UTL				16	274	1970		C-	AV		49		134
5		CS				56	302	1970		C-	AV		49		148
6		CS				56	302	1970		C-	AV		49		148

Nbhd Factor: 1.0000 ***Total:*** **103,852**

OB&Y CA22

L#	Code	Yr Blt	Eff Yr	Yr Remd	W x L	Area	Grd	Units	Mod Codes	Rate	Ovrd Rte	RCN	Cnd	Funct	%Cmp	%Gd	Tble%Gd	Func Dep	Econ Dep	Adj Fact	RCNLD

Total:

Dwelling Pricing Ladder

Adjusted Base		202783
Plumbing		4320
Basement		0
Heating		2537
Attic		0
Other features		0
Subtotal		209640
User Factor / CD %	1.000	
User Amount		0
Dwelling RCN		209640
Base Dwell RCNLD		102724
Additions		1128
Total RCNLD		103852
Nbhd Factor		1.0000
%complete		
Dwelling Value		103852
Condo base Value		
Condo Adj Value		

Cost Factors

Level Factor	100
Adjusted Area	1,148
Area Factor	0.716
Story Height Factor	1.620
Construct Factor	1.050
Grade Factor	0.900
Table % Good	49
Land Nbhd Factor	1.0000
Dwelling Nbhd Factor	1.0000

Nbhd	Class	Scrn	Column	Factor
G8D85	****	CA14	PRICE	1.0000
G8D85	****	CA21	ADJRCNLD	1.0000
********	****	CA24	ADJRCNLD	1.0000
********	****	CA31	BLDGVAL	1.0000
********	****	CA31	BLDGVAL	.9000
********	****	CA31	BLDGVAL	.9500
********	****	CA31	BLDGVAL	.9500
********	****	CA31	BLDGVAL	1.2000

Remarks - Most Recent (AA14)

Code	Date	Text
MAPP	18-APR-11	SPLIT PER MB55 PG360 FOR 1/1/2012 SHT 04/18/11
MN13	03-MAY-11	SPLIT FROM R04909-002-003-000 MOVE BLDG HERE PER SW 5/2/11 JD 5/3/11
MN13	14-OCT-11	CLSE PRMTS, NO VC PER SW 10/13/11,JW 10/14/11

Permit Information (CA15) x

Pmt#:	Amount:	Pmt Date:	Cert Date:	Purpose:	Notes:

Sales History

Sale Date	Price	Adj Price	Sales Type	Db/Pg	Valid. Code

Photo:



R04909-001-010-000 2023 *New Hanover County, NC - Property Card* Printed: 04/26/23 Card: 2 of 2 Appr#: Input Dte: ___/___/_____ ID:_____

Ownership & Legal Description:

602 N 30TH ST WILMINGTON

Owner: WILMINGTON HOUSING AUTHORIT\
PO BOX 899\
WILMINGTON NC 28402

Legal: LOT 5 CREEKWOOD SOUTH

Nbhd: G8D85 **Land Use:** 12

Assessment

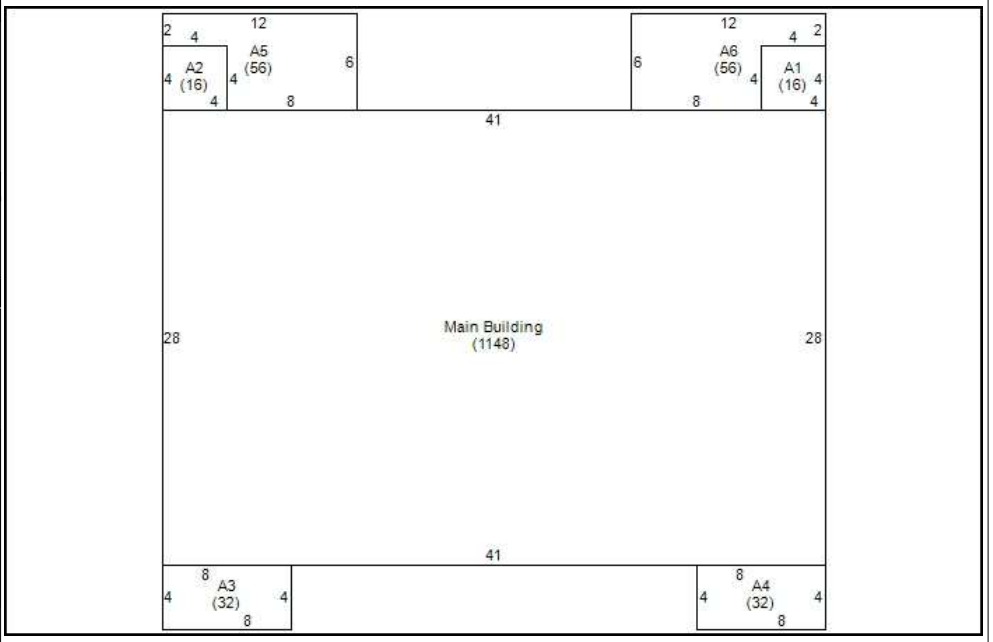
Land	44,500	Oby		Exempt Code:	EX
Bldg	207,700	Class	CHR3	Exempt Amount:	252,200
Total	252,200	Taxable:		Routing:	071

Land Description (CA12 and CA14):

Restr. 1/2/3: **Traffic:** Light\
Topo 1/2/3: Level With Street **Fronting:**\
Utils 1/2/3: Water/Sewer, Public **Location:**\
Road 1 /2: Residential Street **Zoning:** MF-M **Spot Loc:**

L#	Typ	Code	Unit	Rate	Incr	Decr	Depth	Fact	Nbhd	Infl Cd /Pct	Value
1	S	RES	11,282	3.5	1.25	1.25			1		44,478
Total Parcel Size:			11,282		0.2590						44,478

CA16: **Date:** 09/24/15 **Entr Rslt:** R **Spoke With:** A **Appr:** SW



Improvement Description (CA21):

Story Ht: 2 **Half Baths:** 2 **Int vs. Ext Cnd:** **Grade:** C- **C&D Factor:**\
Cnstr: Part Brick & Fran **Extra Fixtures:** 0 **Bldg Use Code:** **CDU:** AVERAGE **C&D Descrip:**\
Style: Duplex **Bsmt:** None **Masonry Trim:** **Market Adj:** **Funct Dep %**\
Yr Blt: 1970 **Heating:** Central With A/C **Unfin Area:** **Pct Cmplt:** **Funct Desc:**\
Eff Year: **Heating Fuel:** Electric **Rec Room:** 0 **SFLA:** 2296 **Econ Dep%:**\
Yr Remod: **System:** Heat Pump **Fin.Bsmt Area:** **Excavated** **Econ Desc:**\
% Remod: **Attic:** **WBFP Stacks:** **Pilings** **Over Depr Tbl:**\
Bedrms: 6 **Phys Cond:** **Prefab Stacks:** 0 **Concrete**\
Full Baths: 2 **Elevators** **Bsmt Gar # Cars:**

Remarks - (CA12 Notes)

DWELL ADDNS CA22

L#	Low	1st	2nd	3rd	Description	Area	Value(RCN)	Year Built	Eff Yr Built	Grade	CDU	%Good	Table	% Comp	RCNLD
0						1,148	209,640	1971		C-	AV		50		102,724
1		UTL				16	274	1970		C-	AV		49		134
2		UTL				16	274	1970		C-	AV		49		134
3		MST				32	576	1970		C-	AV		49		282
4		MST				32	576	1970		C-	AV		49		282
5		CS				56	302	1970		C-	AV		49		148
6		CS				56	302	1970		C-	AV		49		148

Nbhd Factor: 1.0000 ***Total:*** **103,852**

OB&Y CA22

L#	Code	Yr Blt	Eff Yr	Yr Remd	W x L	Area	Grd	Units	Mod Codes	Rate	Ovrd Rte	RCN	Cnd	Funct	%Cmp	%Gd	Tble%Gd	Func Dep	Econ Dep	Adj Fact	RCNLD

Total:

Dwelling Pricing Ladder

Adjusted Base		202783
Plumbing		4320
Basement		0
Heating		2537
Attic		0
Other features		0
Subtotal		209640
User Factor / CD %	1.000	
User Amount		0
Dwelling RCN		209640
Base Dwell RCNLD		102724
Additions		1128
Total RCNLD		103852
Nbhd Factor		1.0000
%complete		
Dwelling Value		103852
Condo base Value		
Condo Adj Value		

Cost Factors

Level Factor	100
Adjusted Area	1,148
Area Factor	0.716
Story Height Factor	1.620
Construct Factor	1.050
Grade Factor	0.900
Table % Good	49
Land Nbhd Factor	1.0000
Dwelling Nbhd Factor	1.0000

Nbhd	Class	Scrn	Column	Factor
G8D85	****	CA14	PRICE	1.0000
G8D85	****	CA21	ADJRCNLD	1.0000
********	****	CA24	ADJRCNLD	1.0000
********	****	CA31	BLDGVAL	1.0000
********	****	CA31	BLDGVAL	.9000
********	****	CA31	BLDGVAL	.9500
********	****	CA31	BLDGVAL	.9500
********	****	CA31	BLDGVAL	1.2000

Remarks - Most Recent (AA14)

Code	Date	Text
MAPP	18-APR-11	SPLIT PER MB55 PG360 FOR 1/1/2012 SHT 04/18/11
MN13	03-MAY-11	SPLIT FROM R04909-002-003-000 MOVE BLDG HERE PER SW 5/2/11 JD 5/3/11
MN13	14-OCT-11	CLSE PRMTS, NO VC PER SW 10/13/11,JW 10/14/11

Permit Information (CA15) x

Pmt#:	Amount:	Pmt Date:	Cert Date:	Purpose:	Notes:

Sales History

Sale Date	Price	Adj Price	Sales Type	Db/Pg	Valid. Code

Photo:

Creekwood (14 Units), 712 North 30th Street, Wilmington, NC 28405
New Hanover County Parcel Map



R04909-001-014-000 2023 *New Hanover County, NC - Property Card* Printed: 04/26/23 Card: 1 of 1 Appr#: Input Dte: ___/___/_____ ID:_____

Ownership & Legal Description:

710 N 30TH ST WILMINGTON

Owner: WILMINGTON HOUSING AUTHORIT\
PO BOX 899\
WILMINGTON NC 28402

Legal:
LOT 9 CREEKWOOD SOUTH

Nbhd: G8D85 **Land Use:** 12

Assessment

Land	44,000	Oby		Exempt Code:	EX
Bldg	90,700	Class	CHR3	Exempt Amount:	134,700
Total	134,700	Taxable:		Routing:	067

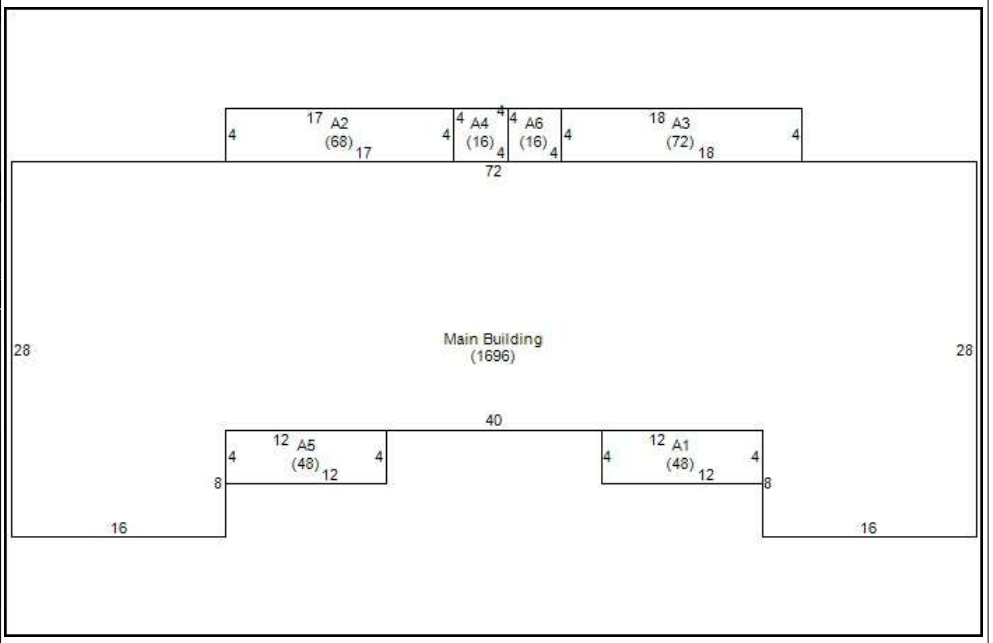
Land Description (CA12 and CA14):

Restr. 1/2/3: **Traffic:** Light
Topo 1/2/3: Level With Street **Fronting:**
Utils 1/2/3: Water/Sewer, Public **Location:**
Road 1 /2: Residential Street **Zoning:** MF-M **Spot Loc:**

L#	Typ	Code	Unit	Rate	Incr	Decr	Depth	Fact	Nbhd	Infl Cd /Pct	Value
1	S	RES	10,861	3.5	1.25	1.25			1		43,951

Total Parcel Size: 10,861 0.2493 43,951

CA16: **Date:** 09/24/15 **Entr Rslt:** R **Spoke With:** A **Appr:** SW



Improvement Description (CA21):

Story Ht:	1	**Half Baths:**	0	**Int vs. Ext Cnd:**		**Grade:**	C-
Cnstr:	Brick	**Extra Fixtures:**	0	**Bldg Use Code:**		**CDU:**	AVERAGE
Style:	Duplex	**Bsmt:**	None	**Masonry Trim:**		**Market Adj:**	
Yr Blt:	1970	**Heating:**	Central With A/C	**Unfin Area:**		**Pct Cmplt:**	
Eff Year:		**Heating Fuel:**	Electric	**Rec Room:**	0	**SFLA:**	1696
Yr Remod:		**System:**	Heat Pump	**Fin.Bsmt Area:**		**Excavated**	
% Remod:		**Attic:**		**WBFP Stacks:**		**Pilings**	
Bedrms:	4	**Phys Cond:**		**Prefab Stacks:**	0	**Concrete**	
Full Baths:	2	**Elevators**		**Bsmt Gar # Cars:**			

C&D Factor:
C&D Descrip:
Funct Dep %
Funct Desc:
Econ Dep%:
Econ Desc:
Over Depr Tbl:

Remarks - (CA12 Notes)

DWELL ADDNS CA22

L#	Low	1st	2nd	3rd	Description	Area	Value(RCN)	Year Built	Eff Yr Built	Grade	CDU	%Good	Table	% Comp	RCNLD
0						1,696	183,305	1971		C-	AV		50		89,819
1		CS				48	259	1970		C-	AV		49		127
2		CS				68	367	1970		C-	AV		49		180
3		CS				72	389	1970		C-	AV		49		191
4		UTL				16	274	1970		C-	AV		49		134
5		CS				48	259	1970		C-	AV		49		127
6		UTL				16	274	1970		C-	AV		49		134

Nbhd Factor: 1.0000 ***Total:*** **90,712**

OB&Y CA22

L#	Code	Yr Blt	Eff Yr	Yr Remd	W x L	Area	Grd	Units	Mod Codes	Rate	Ovrd Rte	RCN	Cnd	Funct	%Cmp	%Gd	Tble%Gd	Func Dep	Econ Dep	Adj Fact	RCNLD

Total:

Dwelling Pricing Ladder

Adjusted Base		181122
Plumbing		0
Basement		0
Heating		2183
Attic		0
Other features		0
Subtotal		183305
User Factor / CD %	1.000	
User Amount		0
Dwelling RCN		183305
Base Dwell RCNLD		89819
Additions		893
Total RCNLD		90712
Nbhd Factor		1.0000
%complete		
Dwelling Value		90712
Condo base Value		
Condo Adj Value		

Cost Factors

Level Factor	100
Adjusted Area	1,696
Area Factor	0.998
Story Height Factor	1.000
Construct Factor	1.090
Grade Factor	0.900
Table % Good	49
Land Nbhd Factor	1.0000
Dwelling Nbhd Factor	1.0000

Nbhd	Class	Scrn	Column	Factor
G8D85	****	CA14	PRICE	1.0000
G8D85	****	CA21	ADJRCNLD	1.0000
********	****	CA24	ADJRCNLD	1.0000
********	****	CA31	BLDGVAL	1.0000
********	****	CA31	BLDGVAL	.9000
********	****	CA31	BLDGVAL	.9500
********	****	CA31	BLDGVAL	.9500
********	****	CA31	BLDGVAL	1.2000

Remarks - Most Recent (AA14)

Code	Date	Text
MAPP	18-APR-11	SPLIT PER MB55 PG360 FOR 1/1.2012 SHT 4/18/11
MN13	03-MAY-11	SPLIT FROM R04909-002-003-000 MOVE BLDG HERE PER SW 5/2/11 JD 5/3/11
MN13	14-OCT-11	CLSE PRMTS, NO VC PER SW 10/13/11,JW 10/14/11

Permit Information (CA15) x

Pmt#:	Amount:	Pmt Date:	Cert Date:	Purpose:	Notes:
FIRE	$5,000	01/24/23		FIRE	712 N 30TH BUILDING FIRE NO DETAILS

Sales History

Sale Date	Price	Adj Price	Sales Type	Db/Pg	Valid. Code

Photo:



Creekwood (14 Units), 804 North 30th Street, Wilmington, NC 28405
New Hanover County Parcel Map



R04909-001-017-000 2023 *New Hanover County, NC - Property Card* Printed: 04/26/23 Card: 1 of 1 Appr#: Input Dte: ___/___/_____ ID:_____

Ownership & Legal Description:

804 N 30TH ST WILMINGTON

Owner: WILMINGTON HOUSING AUTHORIT\
PO BOX 899\
WILMINGTON NC 28402

Legal: LOT12 CREEKWOOD SOUTH

Nbhd: G8D85 **Land Use:** 12

Assessment

Land	47,100	Oby		Exempt Code:	EX
Bldg	238,100	Class	CHR3	Exempt Amount:	285,200
Total	285,200	Taxable:		Routing:	064

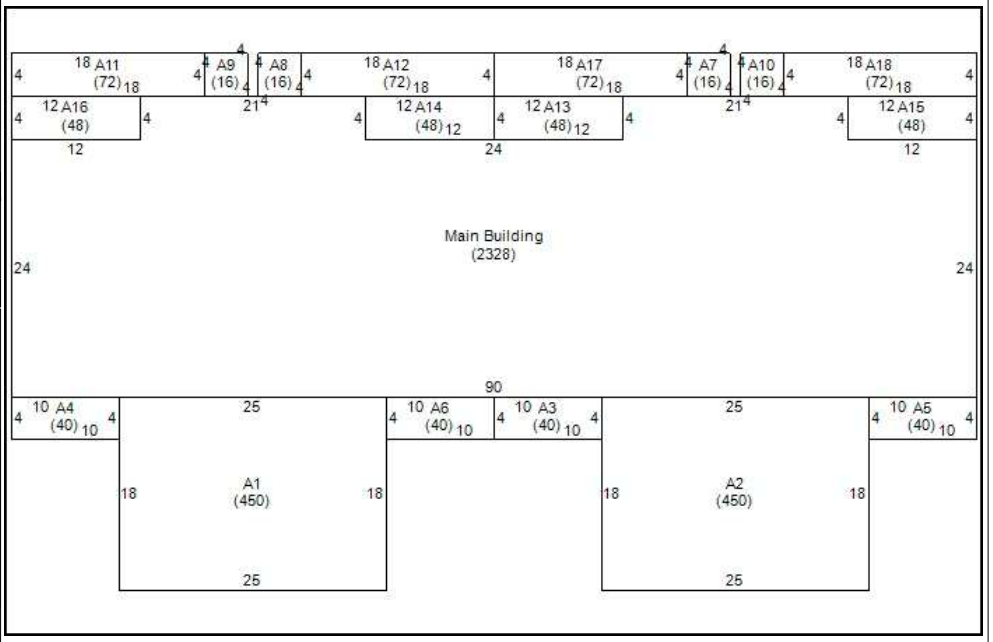
Land Description (CA12 and CA14):

Restr. 1/2/3: **Traffic:** Light\
Topo 1/2/3: Level With Street **Fronting:**\
Utils 1/2/3: Water/Sewer, Public **Location:**\
Road 1 /2: Residential Street **Zoning:** MF-M **Spot Loc:**

L#	Typ	Code	Unit	Rate	Incr	Decr	Depth	Fact	Nbhd	Infl Cd /Pct	Value
1	S	RES	13,352	3.5	1.25	1.25			1		47,065

Total Parcel Size: 13,352 0.3065 47,065

CA16: **Date:** 09/24/15 **Entr Rslt:** R **Spoke With:** A **Appr:** SW



Improvement Description (CA21):

Story Ht: 2\
Cnstr: Part Brick & Fran\
Style: Quadplex\
Yr Blt: 1970\
Eff Year:\
Yr Remod:\
% Remod:\
Bedrms: 16\
Full Baths: 8

Half Baths: 0\
Extra Fixtures: 0\
Bsmt: None\
Heating: Central With A/C\
Heating Fuel: Electric\
System: Heat Pump\
Attic:\
Phys Cond:\
Elevators

Int vs. Ext Cnd:\
Bldg Use Code:\
Masonry Trim:\
Unfin Area:\
Rec Room: 0\
Fin.Bsmt Area:\
WBFP Stacks:\
Prefab Stacks: 0\
Bsmt Gar # Cars:

Grade: C-\
CDU: AVERAGE\
Market Adj:\
Pct Cmplt:\
SFLA: 5908\
Excavated\
Pilings\
Concrete

C&D Factor:\
C&D Descrip:\
Funct Dep %\
Funct Desc:\
Econ Dep%:\
Econ Desc:\
Over Depr Tbl:

Remarks - (CA12 Notes)

DWELL ADDNS CA22

L#	Low	1st	2nd	3rd	Description	Area	Value(RCN)	Year Built	Eff Yr Built	Grade	CDU	%Good	Table	% Comp	RCNLD
0						2,328	396,816	1971		C-	AV		50		194,440
1		BAS				450	28,350	1971		C-	AV		50		14,175
2		BAS				450	28,350	1971		C-	AV		50		14,175
3		POR	BAS			40	3,240	1970		C-	AV		49		1,588
4		POR	BAS			40	3,240	1970		C-	AV		49		1,588
5		POR	BAS			40	3,240	1970		C-	AV		49		1,588
6		POR	BAS			40	3,240	1970		C-	AV		49		1,588
7		UTL				16	274	1970		C-	AV		49		134
8		UTL				16	274	1970		C-	AV		49		134

Continued on additional page... **Nbhd Factor:** 1.0000 ***Total:*** **238,062**

OB&Y CA22

L#	Code	Yr Blt	Eff Yr	Yr Remd	W x L	Area	Grd	Units	Mod Codes	Rate	Ovrd Rte	RCN	Cnd	Funct	%Cmp	%Gd	Tble%Gd	Func Dep	Econ Dep	Adj Fact	RCNLD

Total:

Dwelling Pricing Ladder

Adjusted Base		372713
Plumbing		19440
Basement		0
Heating		4663
Attic		0
Other features		0
Subtotal		396816
User Factor / CD %	1.000	
User Amount		0
Dwelling RCN		396816
Base Dwell RCNLD		194440
Additions		43622
Total RCNLD		238062
Nbhd Factor		1.0000
%complete		
Dwelling Value		238062
Condo base Value		
Condo Adj Value		

Cost Factors

Level Factor	100
Adjusted Area	2,328
Area Factor	1.316
Story Height Factor	1.620
Construct Factor	1.050
Grade Factor	0.900
Table % Good	49
Land Nbhd Factor	1.0000
Dwelling Nbhd Factor	1.0000

Nbhd	Class	Scrn	Column	Factor
G8D85	****	CA14	PRICE	1.0000
G8D85	****	CA21	ADJRCNLD	1.0000
********	****	CA24	ADJRCNLD	1.0000
********	****	CA31	BLDGVAL	1.0000
********	****	CA31	BLDGVAL	.9000
********	****	CA31	BLDGVAL	.9500
********	****	CA31	BLDGVAL	.9500
********	****	CA31	BLDGVAL	1.2000

Remarks - Most Recent (AA14)

Code	Date	Text
MAPP	18-APR-11	SPLIT PER MB55 PG360 FOR 1/1/2012 SHT 4/18/11
MN13	03-MAY-11	SPLIT FROM R04909-002-003-000 MOVE BLDG HERE PER SW 5/2/11 JD 5/3/11
MN13	14-OCT-11	CLSE PRMTS, NO VC PER SW 10/13/11,JW 10/14/11

Permit Information (CA15) x

Pmt#:	Amount:	Pmt Date:	Cert Date:	Purpose:	Notes:

Sales History

Sale Date	Price	Adj Price	Sales Type	Db/Pg	Valid. Code

Photo:



ADDITIONS - CONTINUED....

L#	Low	1st	2nd	3rd	Description	Area	Value(RCN)	Year Built	Eff Yr Built	Grade	CDU	%Good	Table	% Comp	RCNLD
9		UTL				16	274	1970		C-	AV		49		134
10		UTL				16	274	1970		C-	AV		49		134
11		CS				72	389	1970		C-	AV		49		191
12		CS				72	389	1970		C-	AV		49		191
13		POR	BAS			48	3,888	1970		C-	AV		49		1,905
14		POR	BAS			48	3,888	1970		C-	AV		49		1,905
15		POR	BAS			48	3,888	1970		C-	AV		49		1,905
16		POR	BAS			48	3,888	1970		C-	AV		49		1,905
17		CS				72	389	1970		C-	AV		49		191
18		CS				72	389	1970		C-	AV		49		191

Creekwood (14 Units), 805 & 809 North 30th Street Wilmington, NC 28405
New Hanover County Parcel Map



Creekwood (14 Units), 805 & 809 North 30th Street Wilmington, NC 28405
New Hanover County Parcel Map



R04909-001-035-000 2023 *New Hanover County, NC - Property Card* Printed: 03/20/23 Card: 1 of 1 Appr#: Input Dte: ___/___/_____ ID:_____

Ownership & Legal Description:

805 N 30TH ST WILMINGTON

Owner: WILMINGTON HOUSING AUTHORIT\
PO BOX 899\
WILMINGTON NC 28402

Legal: LOT 30 CREEKWOOD SOUTH

Nbhd: G8D85 **Land Use:** 12

Assessment

Land	46,700	Oby		Exempt Code:	EX
Bldg	238,100	Class	CHR3	Exempt Amount:	284,800
Total	284,800	Taxable:		Routing:	046

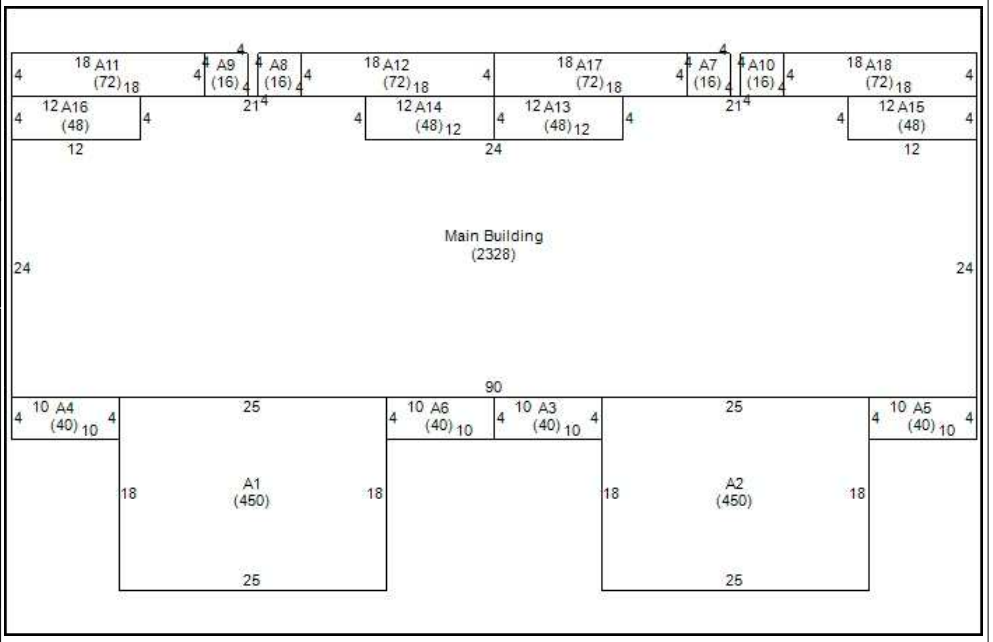
Land Description (CA12 and CA14):

Restr. 1/2/3: **Traffic:** Light\
Topo 1/2/3: Level With Street **Fronting:**\
Utils 1/2/3: Water/Sewer, Public **Location:**\
Road 1 /2: Residential Street **Zoning:** MF-M **Spot Loc:**

L#	Typ	Code	Unit	Rate	Incr	Decr	Depth	Fact	Nbhd	Infl Cd /Pct	Value
1	S	RES	13,084	3.5	1.25	1.25			1		46,730

Total Parcel Size: 13,084 0.3004 46,730

CA16: **Date:** 09/25/15 **Entr Rslt:** R **Spoke With:** A **Appr:** SW



Improvement Description (CA21):

Story Ht: 2 **Half Baths:** 0 **Int vs. Ext Cnd:** **Grade:** C- **C&D Factor:**\
Cnstr: Part Brick & Fran **Extra Fixtures:** 0 **Bldg Use Code:** **CDU:** AVERAGE **C&D Descrip:**\
Style: Quadplex **Bsmt:** None **Masonry Trim:** **Market Adj:** **Funct Dep %**\
Yr Blt: 1970 **Heating:** Central With A/C **Unfin Area:** **Pct Cmplt:** **Funct Desc:**\
Eff Year: **Heating Fuel:** Electric **Rec Room:** 0 **SFLA:** 5908 **Econ Dep%:**\
Yr Remod: **System:** Heat Pump **Fin.Bsmt Area:** **Excavated** **Econ Desc:**\
% Remod: **Attic:** **WBFP Stacks:** **Pilings** **Over Depr Tbl:**\
Bedrms: 16 **Phys Cond:** **Prefab Stacks:** 0 **Concrete**\
Full Baths: 8 **Elevators** **Bsmt Gar # Cars:**

Remarks - (CA12 Notes)

DWELL ADDNS CA22

L#	Low	1st	2nd	3rd	Description	Area	Value(RCN)	Year Built	Eff Yr Built	Grade	CDU	%Good	Table	% Comp	RCNLD
0						2,328	396,816	1971		C-	AV		50		194,440
1		BAS				450	28,350	1971		C-	AV		50		14,175
2		BAS				450	28,350	1971		C-	AV		50		14,175
3		POR	BAS			40	3,240	1970		C-	AV		49		1,588
4		POR	BAS			40	3,240	1970		C-	AV		49		1,588
5		POR	BAS			40	3,240	1970		C-	AV		49		1,588
6		POR	BAS			40	3,240	1970		C-	AV		49		1,588
7		UTL				16	274	1970		C-	AV		49		134
8		UTL				16	274	1970		C-	AV		49		134

Continued on additional page... **Nbhd Factor:** 1.0000 ***Total:*** **238,062**

OB&Y CA22

L#	Code	Yr Blt	Eff Yr	Yr Remd	W x L	Area	Grd	Units	Mod Codes	Rate	Ovrd Rte	RCN	Cnd	Funct	%Cmp	%Gd	Tble%Gd	Func Dep	Econ Dep	Adj Fact	RCNLD

Total:

Dwelling Pricing Ladder

Adjusted Base		372713
Plumbing		19440
Basement		0
Heating		4663
Attic		0
Other features		0
Subtotal		396816
User Factor / CD %	1.000	
User Amount		0
Dwelling RCN		396816
Base Dwell RCNLD		194440
Additions		43622
Total RCNLD		238062
Nbhd Factor		1.0000
%complete		
Dwelling Value		238062
Condo base Value		
Condo Adj Value		

Cost Factors

Level Factor	100
Adjusted Area	2,328
Area Factor	1.316
Story Height Factor	1.620
Construct Factor	1.050
Grade Factor	0.900
Table % Good	49
Land Nbhd Factor	1.0000
Dwelling Nbhd Factor	1.0000

Nbhd	Class	Scrn	Column	Factor
G8D85	****	CA14	PRICE	1.0000
G8D85	****	CA21	ADJRCNLD	1.0000
********	****	CA24	ADJRCNLD	1.0000
********	****	CA31	BLDGVAL	1.0000
********	****	CA31	BLDGVAL	.9000
********	****	CA31	BLDGVAL	.9500
********	****	CA31	BLDGVAL	.9500
********	****	CA31	BLDGVAL	1.2000

Remarks - Most Recent (AA14)

Code	Date	Text
MAPP	19-APR-11	SPLIT PER MB55 PG360 FOR 1/1/2012 SHT 4/19/11
MN13	04-MAY-11	SPLIT FROM R04909-001-001-000 MOVED BLDG HERE PER SW 5/2/11 JD 5/4/11
MN13	14-OCT-11	CLSE PRMTS, NO VC PER SW 10/13/11,JW 10/14/11

Permit Information (CA15) x

Pmt#:	Amount:	Pmt Date:	Cert Date:	Purpose:	Notes:

Sales History

Sale Date	Price	Adj Price	Sales Type	Db/Pg	Valid. Code

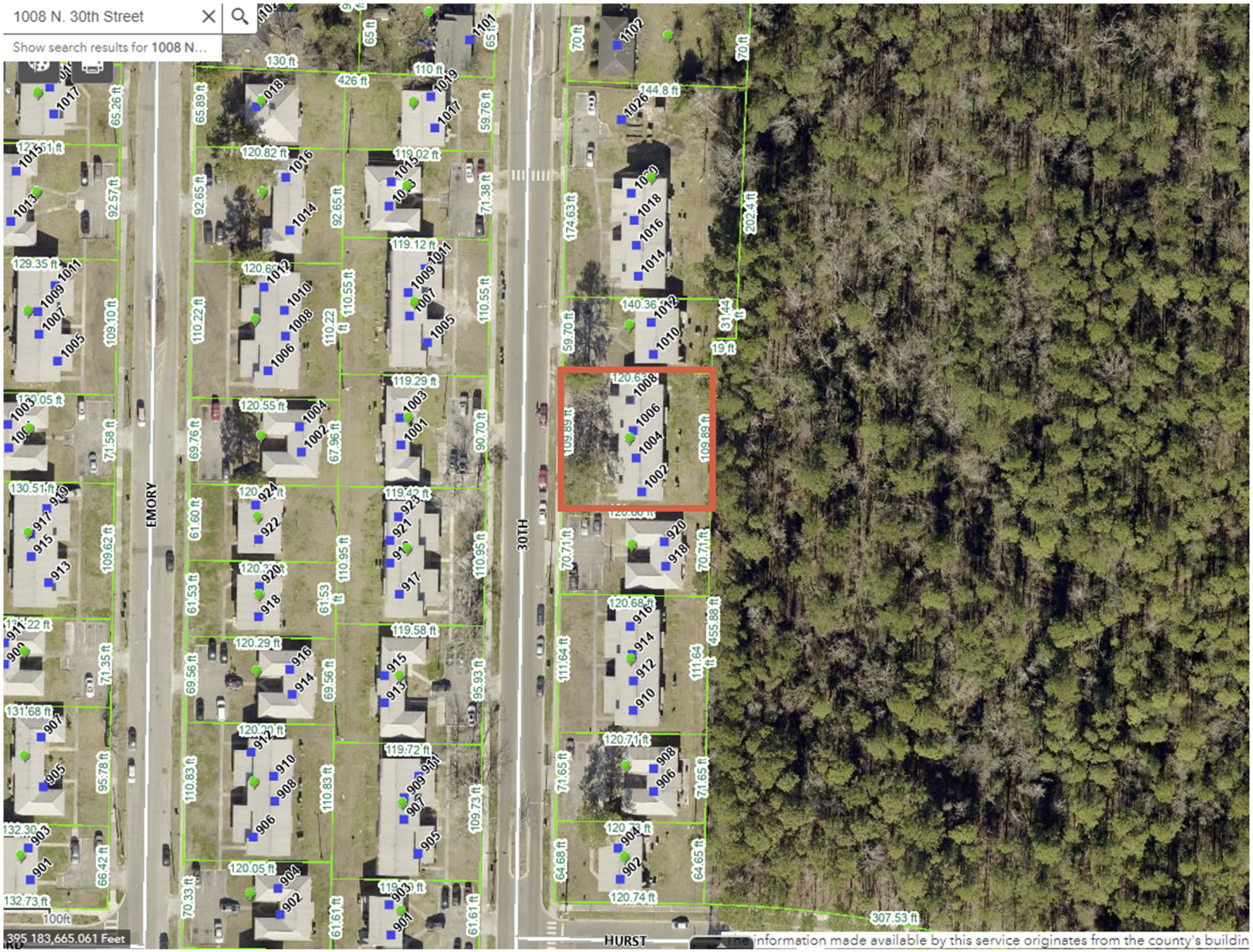
Photo:



ADDITIONS - CONTINUED....

L#	Low	1st	2nd	3rd	Description	Area	Value(RCN)	Year Built	Eff Yr Built	Grade	CDU	%Good	Table	% Comp	RCNLD
9		UTL				16	274	1970		C-	AV		49		134
10		UTL				16	274	1970		C-	AV		49		134
11		CS				72	389	1970		C-	AV		49		191
12		CS				72	389	1970		C-	AV		49		191
13		POR	BAS			48	3,888	1970		C-	AV		49		1,905
14		POR	BAS			48	3,888	1970		C-	AV		49		1,905
15		POR	BAS			48	3,888	1970		C-	AV		49		1,905
16		POR	BAS			48	3,888	1970		C-	AV		49		1,905
17		CS				72	389	1970		C-	AV		49		191
18		CS				72	389	1970		C-	AV		49		191

Creekwood (14 Units), 1008 North 30th Street, Wilmington, NC 28405
New Hanover County Parcel Map



R04909-001-024-000 2023 *New Hanover County, NC - Property Card* Printed: 04/26/23 Card: 1 of 1 Appr#: Input Dte: ___/___/_____ ID:_____

Ownership & Legal Description:

1002 N 30TH ST WILMINGTON

Owner: WILMINGTON HOUSING AUTHORIT
PO BOX 899
WILMINGTON NC 28402

Legal:
LOT 19 CREEKWOOD SOUTH

Nbhd: G8D85 **Land Use:** 12

Assessment

Land	46,900	Oby		Exempt Code:	EX
Bldg	257,300	Class	CHR3	Exempt Amount:	304,200
Total	304,200	Taxable:		Routing:	057

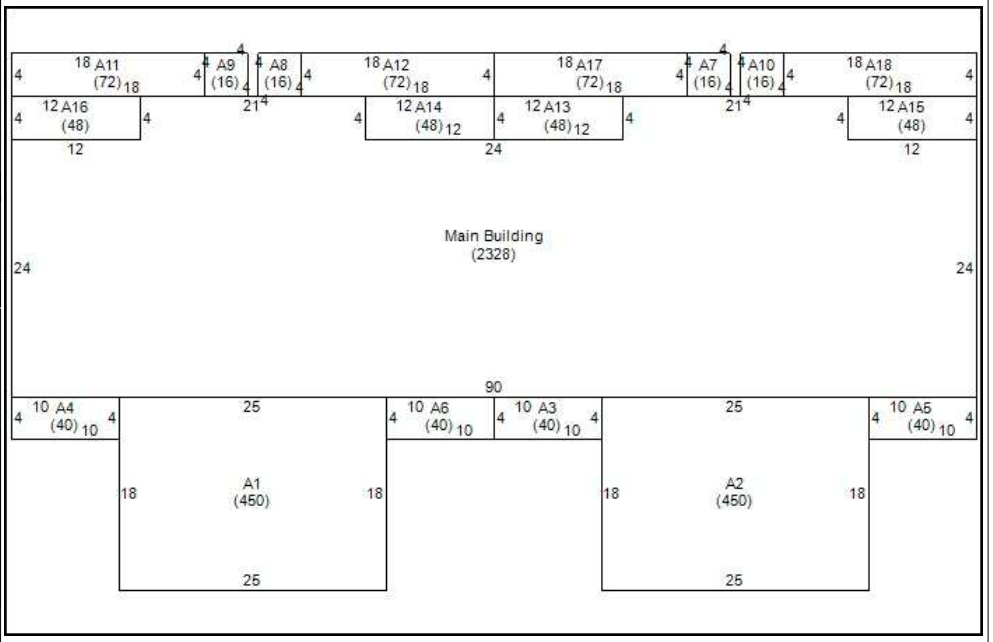
Land Description (CA12 and CA14):

Restr. 1/2/3: **Traffic:** Light
Topo 1/2/3: Level With Street **Fronting:**
Utils 1/2/3: Water/Sewer, Public **Location:**
Road 1 /2: Residential Street **Zoning:** MF-M **Spot Loc:**

L#	Typ	Code	Unit	Rate	Incr	Decr	Depth	Fact	Nbhd	Infl Cd /Pct	Value
1	S	RES	13,258	3.5	1.25	1.25			1		46,948

Total Parcel Size: 13,258 0.3044 46,948

CA16: **Date:** 09/24/15 **Entr Rslt:** R **Spoke With:** A **Appr:** SW



Improvement Description (CA21):

Story Ht: 2
Cnstr: Part Brick & Fran
Style: Quadplex
Yr Blt: 1970
Eff Year:
Yr Remod:
% Remod:
Bedrms: 16
Full Baths: 8
Half Baths: 0
Extra Fixtures: 0
Bsmt: None
Heating: Central With A/C
Heating Fuel: Electric
System: Heat Pump
Attic:
Phys Cond:
Elevators
Int vs. Ext Cnd:
Bldg Use Code:
Masonry Trim:
Unfin Area:
Rec Room: 0
Fin.Bsmt Area:
WBFP Stacks:
Prefab Stacks: 0
Bsmt Gar # Cars:
Grade: C-
CDU: AVERAGE
Market Adj:
Pct Cmplt:
SFLA: 5908
Excavated
Pilings
Concrete
C&D Factor:
C&D Descrip:
Funct Dep %
Funct Desc:
Econ Dep%:
Econ Desc:
Over Depr Tbl:

Remarks - (CA12 Notes)

DWELL ADDNS CA22

L#	Low	1st	2nd	3rd	Description	Area	Value(RCN)	Year Built	Eff Yr Built	Grade	CDU	%Good	Table	% Comp	RCNLD
0						2,328	396,816	2005		C-	AV		84		194,440
1		BAS				450	28,350	2005		C-	AV		84		23,814
2		BAS				450	28,350	2005		C-	AV		84		23,814
3		POR	BAS			40	3,240	1970		C-	AV		49		1,588
4		POR	BAS			40	3,240	1970		C-	AV		49		1,588
5		POR	BAS			40	3,240	1970		C-	AV		49		1,588
6		POR	BAS			40	3,240	1970		C-	AV		49		1,588
7		UTL				16	274	1970		C-	AV		49		134
8		UTL				16	274	1970		C-	AV		49		134

Continued on additional page... **Nbhd Factor:** 1.0000 ***Total:*** **257,340**

OB&Y CA22

L#	Code	Yr Blt	Eff Yr	Yr Remd	W x L	Area	Grd	Units	Mod Codes	Rate	Ovrd Rte	RCN	Cnd	Funct	%Cmp	%Gd	Tble%Gd	Func Dep	Econ Dep	Adj Fact	RCNLD

Total:

Dwelling Pricing Ladder

Adjusted Base		372713
Plumbing		19440
Basement		0
Heating		4663
Attic		0
Other features		0
Subtotal		396816
User Factor / CD %	1.000	
User Amount		0
Dwelling RCN		396816
Base Dwell RCNLD		194440
Additions		62900
Total RCNLD		257340
Nbhd Factor		1.0000
%complete		
Dwelling Value		257340
Condo base Value		
Condo Adj Value		

Cost Factors

Level Factor	100
Adjusted Area	2,328
Area Factor	1.316
Story Height Factor	1.620
Construct Factor	1.050
Grade Factor	0.900
Table % Good	49
Land Nbhd Factor	1.0000
Dwelling Nbhd Factor	1.0000

Nbhd	Class	Scrn	Column	Factor
G8D85	****	CA14	PRICE	1.0000
G8D85	****	CA21	ADJRCNLD	1.0000
********	****	CA24	ADJRCNLD	1.0000
********	****	CA31	BLDGVAL	1.0000
********	****	CA31	BLDGVAL	.9000
********	****	CA31	BLDGVAL	.9500
********	****	CA31	BLDGVAL	.9500
********	****	CA31	BLDGVAL	1.2000

Remarks - Most Recent (AA14)

Code	Date	Text
MAPP	18-APR-11	SPLIT PER MB55 PG360 FOR 1/1/2012 SHT 4/18/11
MN13	03-MAY-11	SPLIT FROM R04909-002-003-000 MOVE BLDG HERE PER SW 5/2/11 JD 5/3/11
MN13	14-OCT-11	CLSE PRMTS, NO VC PER SW 10/13/11,JW 10/14/11

Permit Information (CA15) x

Pmt#:	Amount:	Pmt Date:	Cert Date:	Purpose:	Notes:

Sales History

Sale Date	Price	Adj Price	Sales Type	Db/Pg	Valid. Code

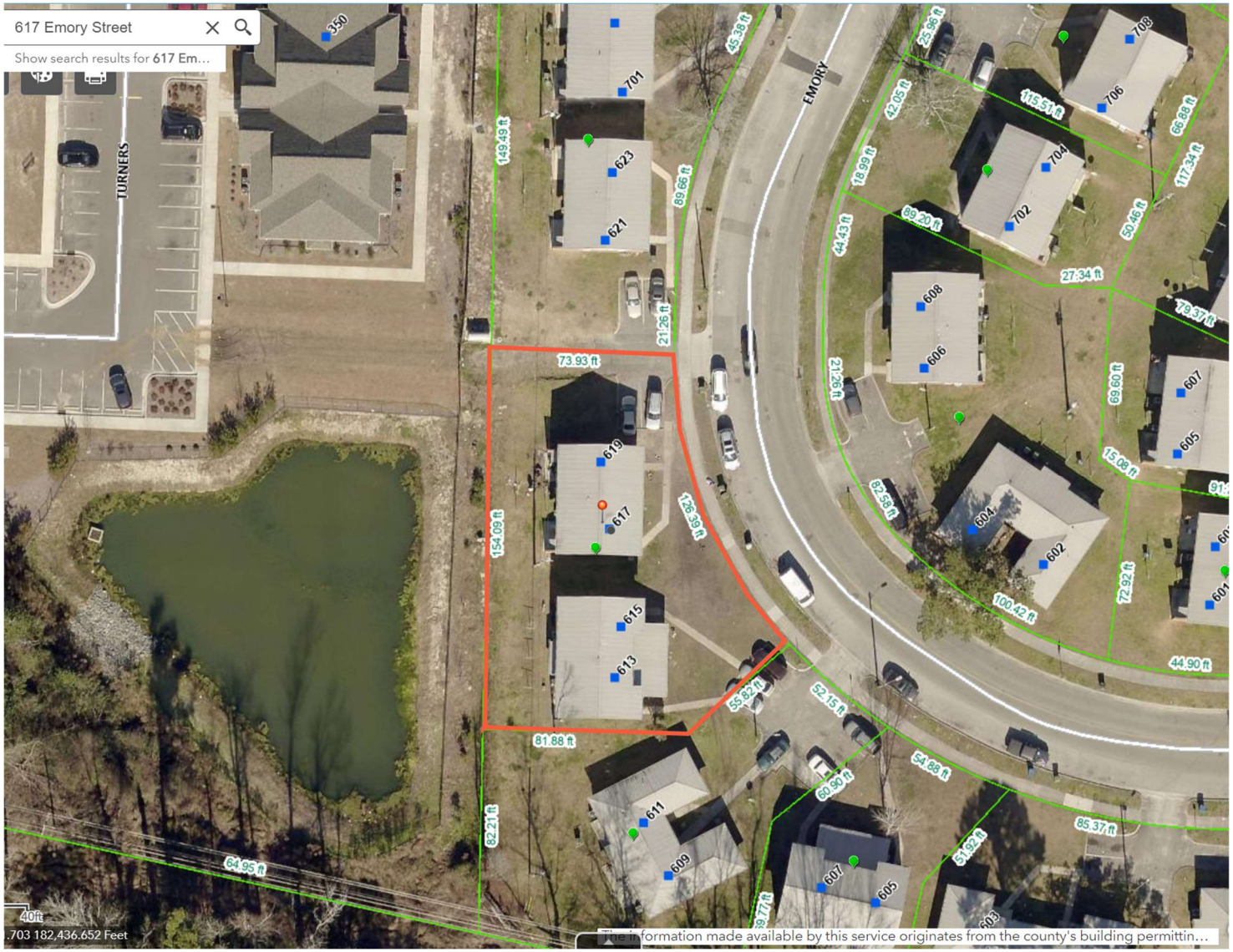
Photo:



ADDITIONS - CONTINUED....

L#	Low	1st	2nd	3rd	Description	Area	Value(RCN)	Year Built	Eff Yr Built	Grade	CDU	%Good	Table	% Comp	RCNLD
9		UTL				16	274	1970		C-	AV		49		134
10		UTL				16	274	1970		C-	AV		49		134
11		CS				72	389	1970		C-	AV		49		191
12		CS				72	389	1970		C-	AV		49		191
13		POR	BAS			48	3,888	1970		C-	AV		49		1,905
14		POR	BAS			48	3,888	1970		C-	AV		49		1,905
15		POR	BAS			48	3,888	1970		C-	AV		49		1,905
16		POR	BAS			48	3,888	1970		C-	AV		49		1,905
17		CS				72	389	1970		C-	AV		49		191
18		CS				72	389	1970		C-	AV		49		191

Creekwood (14 Units), 617 Emory Street Wilmington, NC 28405
New Hanover County Parcel Map



R04909-001-077-000 2023 *New Hanover County, NC - Property Card* Printed: 03/20/23 Card: 1 of 2 Appr#: Input Dte: ___/___/_____ ID:_____

Ownership & Legal Description:

613 EMORY ST WILMINGTON

Owner: WILMINGTON HOUSING AUTHORIT\
PO BOX 899\
WILMINGTON NC 28402

Legal: LOT 72 CREEKWOOD SOUTH

Nbhd: G8D85 **Land Use:** 12

Assessment

Land	48,200	Oby		Exempt Code:	EX
Bldg	230,600	Class	CHR3	Exempt Amount:	278,800
Total	278,800	Taxable:		Routing:	004

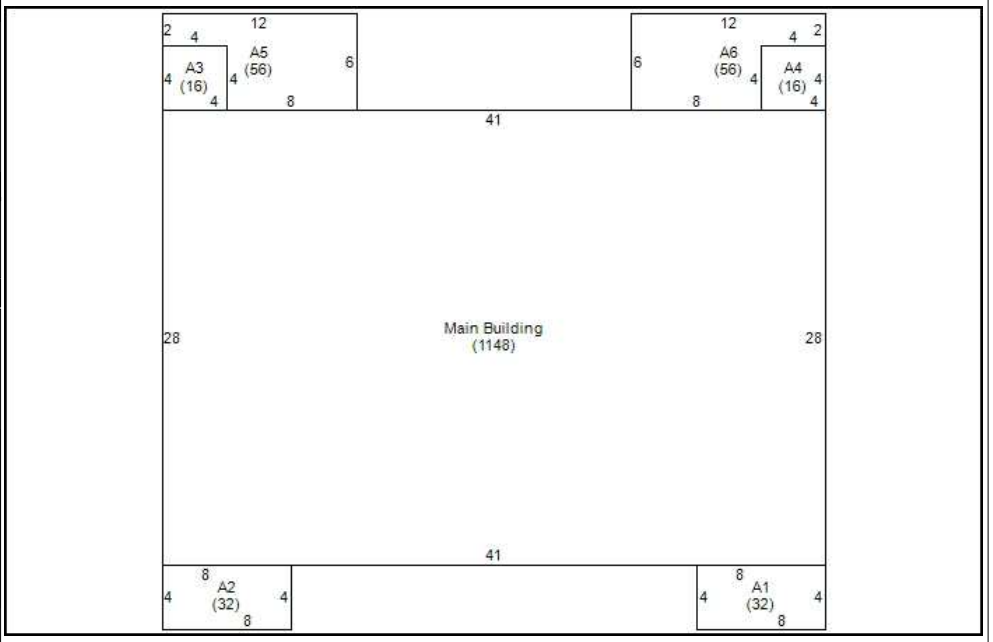
Land Description (CA12 and CA14):

Restr. 1/2/3: **Traffic:** Light\
Topo 1/2/3: Level With Street **Fronting:**\
Utils 1/2/3: Water/Sewer, Public **Location:**\
Road 1 /2: Residential Street **Zoning:** MF-M **Spot Loc:**

L#	Typ	Code	Unit	Rate	Incr	Decr	Depth	Fact	Nbhd	Infl Cd /Pct	Value
1	S	RES	14,227	3.5	1.25	1.25			1		48,159

Total Parcel Size: 14,227 0.3266 48,159

CA16: **Date:** 01/07/19 **Entr Rslt:** R **Spoke With:** A **Appr:** RLK



Improvement Description (CA21):

Story Ht: 2 **Half Baths:** 2 **Int vs. Ext Cnd:** **Grade:** C- **C&D Factor:**\
Cnstr: Part Brick & Fran **Extra Fixtures:** 0 **Bldg Use Code:** **CDU:** AVERAGE **C&D Descrip:**\
Style: Duplex **Bsmt:** None **Masonry Trim:** **Market Adj:** **Funct Dep %**\
Yr Blt: 1970 **Heating:** Central With A/C **Unfin Area:** **Pct Cmplt:** **Funct Desc:**\
Eff Year: **Heating Fuel:** Electric **Rec Room:** 0 **SFLA:** 2296 **Econ Dep%:**\
Yr Remod: **System:** Heat Pump **Fin.Bsmt Area:** **Excavated** **Econ Desc:**\
% Remod: **Attic:** **WBFP Stacks:** **Pilings** **Over Depr Tbl:**\
Bedrms: 6 **Phys Cond:** **Prefab Stacks:** 0 **Concrete**\
Full Baths: 2 **Elevators** **Bsmt Gar # Cars:**

Remarks - (CA12 Notes)

DWELL ADDNS CA22

L#	Low	1st	2nd	3rd	Description	Area	Value(RCN)	Year Built	Eff Yr Built	Grade	CDU	%Good	Table	% Comp	RCNLD
0						1,148	209,640	1971		C-	AV		50		102,724
1		MST				32	576	1970		C-	AV		49		282
2		MST				32	576	1970		C-	AV		49		282
3		UTL				16	274	1970		C-	AV		49		134
4		UTL				16	274	1970		C-	AV		49		134
5		CS				56	302	1970		C-	AV		49		148
6		CS				56	302	1970		C-	AV		49		148

Nbhd Factor: 1.0000 ***Total:*** **103,852**

OB&Y CA22

L#	Code	Yr Blt	Eff Yr	Yr Remd	W x L	Area	Grd	Units	Mod Codes	Rate	Ovrd Rte	RCN	Cnd	Funct	%Cmp	%Gd	Tble%Gd	Func Dep	Econ Dep	Adj Fact	RCNLD

Total:

Dwelling Pricing Ladder

Adjusted Base		202783
Plumbing		4320
Basement		0
Heating		2537
Attic		0
Other features		0
Subtotal		209640
User Factor / CD %	1.000	
User Amount		0
Dwelling RCN		209640
Base Dwell RCNLD		102724
Additions		1128
Total RCNLD		103852
Nbhd Factor		1.0000
%complete		
Dwelling Value		103852
Condo base Value		
Condo Adj Value		

Cost Factors

Level Factor	100
Adjusted Area	1,148
Area Factor	0.716
Story Height Factor	1.620
Construct Factor	1.050
Grade Factor	0.900
Table % Good	49
Land Nbhd Factor	1.0000
Dwelling Nbhd Factor	1.0000

Nbhd	Class	Scrn	Column	Factor
G8D85	****	CA14	PRICE	1.0000
G8D85	****	CA21	ADJRCNLD	1.0000
********	****	CA24	ADJRCNLD	1.0000
********	****	CA31	BLDGVAL	1.0000
********	****	CA31	BLDGVAL	.9000
********	****	CA31	BLDGVAL	.9500
********	****	CA31	BLDGVAL	.9500
********	****	CA31	BLDGVAL	1.2000

Remarks - Most Recent (AA14)

Code	Date	Text
MAPP	19-APR-11	SPLIT PER MB55 PG360 FOR 1/1/2012 SHT 4/19/11
MAPP	20-DEC-18	20' PUBLIC UTILITY & EMERGENCY ACCESS ESMT PER MB65/322 FOR 1/1/19 -TL 12/20/18
MN13	31-JAN-13	NO VC-CLOSED PERMITS #12-1604, #12-1603, #12-1602, #12-1601 PER SW 1/30/13 MC
MN13	04-MAY-11	SPLIT FROM R04909-001-001-000 MOVED BLDG HERE PER SW 5/2/11 JD 5/4/11
MN13	07-JAN-19	20' PUBLIC UTILITY & EMERGENCY ACCESS ESMT NO VC PER RLK 1/7/19 JD

Permit Information (CA15) x

Pmt#:	Amount:	Pmt Date:	Cert Date:	Purpose:	Notes:

Sales History

Sale Date	Price	Adj Price	Sales Type	Db/Pg	Valid. Code

Photo:



R04909-001-077-000 2023 *New Hanover County, NC - Property Card* Printed: 03/20/23 Card: 2 of 2 Appr#: Input Dte: ___/___/_____ ID:_____

Ownership & Legal Description:

613 EMORY ST WILMINGTON

Owner: WILMINGTON HOUSING AUTHORIT\
PO BOX 899\
WILMINGTON NC 28402

Legal: LOT 72 CREEKWOOD SOUTH

Nbhd: G8D85 **Land Use:** 12

Assessment

Land	48,200	Oby		Exempt Code:	EX
Bldg	230,600	Class	CHR3	Exempt Amount:	278,800
Total	278,800	Taxable:		Routing:	004

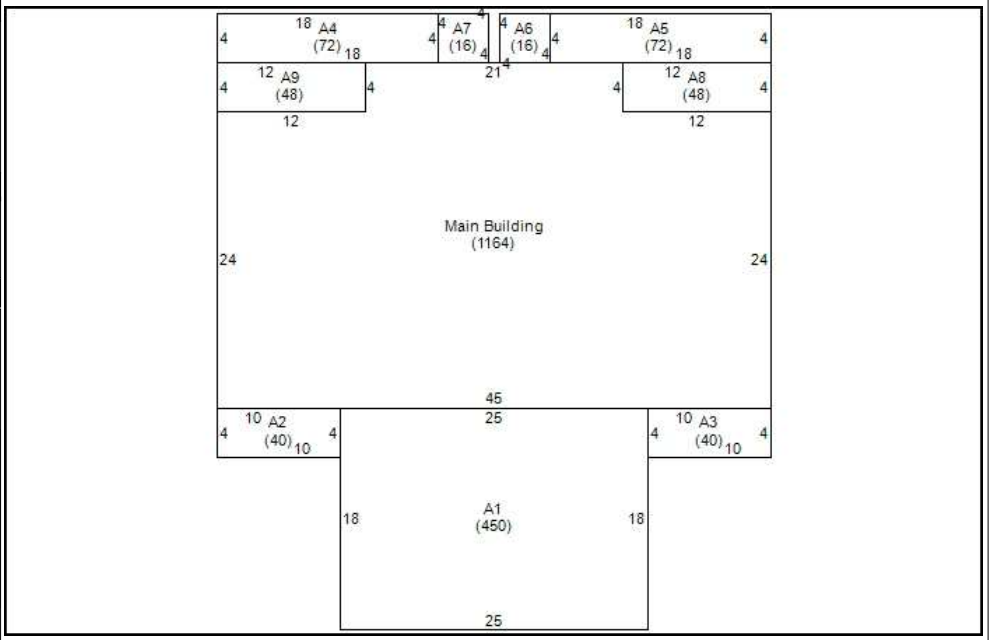
Land Description (CA12 and CA14):

Restr. 1/2/3: **Traffic:** Light\
Topo 1/2/3: Level With Street **Fronting:**\
Utils 1/2/3: Water/Sewer, Public **Location:**\
Road 1 /2: Residential Street **Zoning:** MF-M **Spot Loc:**

L#	Typ	Code	Unit	Rate	Incr	Decr	Depth	Fact	Nbhd	Infl Cd /Pct	Value
1	S	RES	14,227	3.5	1.25	1.25			1		48,159

Total Parcel Size: 14,227 0.3266 48,159

CA16: **Date:** 01/07/19 **Entr Rslt:** R **Spoke With:** A **Appr:** RLK



Improvement Description (CA21):

Story Ht: 2 **Half Baths:** 0 **Int vs. Ext Cnd:** **Grade:** C- **C&D Factor:**\
Cnstr: Part Brick & Fran **Extra Fixtures:** 0 **Bldg Use Code:** **CDU:** AVERAGE **C&D Descrip:**\
Style: Duplex **Bsmt:** None **Masonry Trim:** **Market Adj:** **Funct Dep %**\
Yr Blt: 1970 **Heating:** Central With A/C **Unfin Area:** **Pct Cmplt:** **Funct Desc:**\
Eff Year: **Heating Fuel:** Electric **Rec Room:** 0 **SFLA:** 2954 **Econ Dep%:**\
Yr Remod: **System:** Heat Pump **Fin.Bsmt Area:** **Excavated** **Econ Desc:**\
% Remod: **Attic:** **WBFP Stacks:** **Pilings** **Over Depr Tbl:**\
Bedrms: 8 **Phys Cond:** **Prefab Stacks:** 0 **Concrete**\
Full Baths: 4 **Elevators** **Bsmt Gar # Cars:**

Remarks - (CA12 Notes)

DWELL ADDNS CA22

L#	Low	1st	2nd	3rd	Description	Area	Value(RCN)	Year Built	Eff Yr Built	Grade	CDU	%Good	Table	% Comp	RCNLD
0						1,164	214,094	1971		C-	AV		50		104,906
1		BAS				450	28,350	1971		C-	AV		50		14,175
2		POR	BAS			40	3,240	1970		C-	AV		49		1,588
3		POR	BAS			40	3,240	1970		C-	AV		49		1,588
4		CS				72	389	1970		C-	AV		49		191
5		CS				72	389	1970		C-	AV		49		191
6		UTL				16	274	1970		C-	AV		49		134
7		UTL				16	274	1970		C-	AV		49		134
8		POR	BAS			48	3,888	1970		C-	AV		49		1,905

Continued on additional page... **Nbhd Factor:** 1.0000 ***Total:*** **126,717**

OB&Y CA22

L#	Code	Yr Blt	Eff Yr	Yr Remd	W x L	Area	Grd	Units	Mod Codes	Rate	Ovrd Rte	RCN	Cnd	Funct	%Cmp	%Gd	Tble%Gd	Func Dep	Econ Dep	Adj Fact	RCNLD

Total:

Dwelling Pricing Ladder

Adjusted Base		205049
Plumbing		6480
Basement		0
Heating		2565
Attic		0
Other features		0
Subtotal		214094
User Factor / CD %	1.000	
User Amount		0
Dwelling RCN		214094
Base Dwell RCNLD		104906
Additions		21811
Total RCNLD		126717
Nbhd Factor		1.0000
%complete		
Dwelling Value		126717
Condo base Value		
Condo Adj Value		

Cost Factors

Level Factor	100
Adjusted Area	1,164
Area Factor	0.724
Story Height Factor	1.620
Construct Factor	1.050
Grade Factor	0.900
Table % Good	49
Land Nbhd Factor	1.0000
Dwelling Nbhd Factor	1.0000

Nbhd	Class	Scrn	Column	Factor
G8D85	****	CA14	PRICE	1.0000
G8D85	****	CA21	ADJRCNLD	1.0000
********	****	CA24	ADJRCNLD	1.0000
********	****	CA31	BLDGVAL	1.0000
********	****	CA31	BLDGVAL	.9000
********	****	CA31	BLDGVAL	.9500
********	****	CA31	BLDGVAL	.9500
********	****	CA31	BLDGVAL	1.2000

Remarks - Most Recent (AA14)

Code	Date	Text
MAPP	19-APR-11	SPLIT PER MB55 PG360 FOR 1/1/2012 SHT 4/19/11
MAPP	20-DEC-18	20' PUBLIC UTILITY & EMERGENCY ACCESS ESMT PER MB65/322 FOR 1/1/19 -TL 12/20/18
MN13	31-JAN-13	NO VC-CLOSED PERMITS #12-1604, #12-1603, #12-1602, #12-1601 PER SW 1/30/13 MC
MN13	04-MAY-11	SPLIT FROM R04909-001-001-000 MOVED BLDG HERE PER SW 5/2/11 JD 5/4/11
MN13	07-JAN-19	20' PUBLIC UTILITY & EMERGENCY ACCESS ESMT NO VC PER RLK 1/7/19 JD

Permit Information (CA15) x

Pmt#:	Amount:	Pmt Date:	Cert Date:	Purpose:	Notes:

Sales History

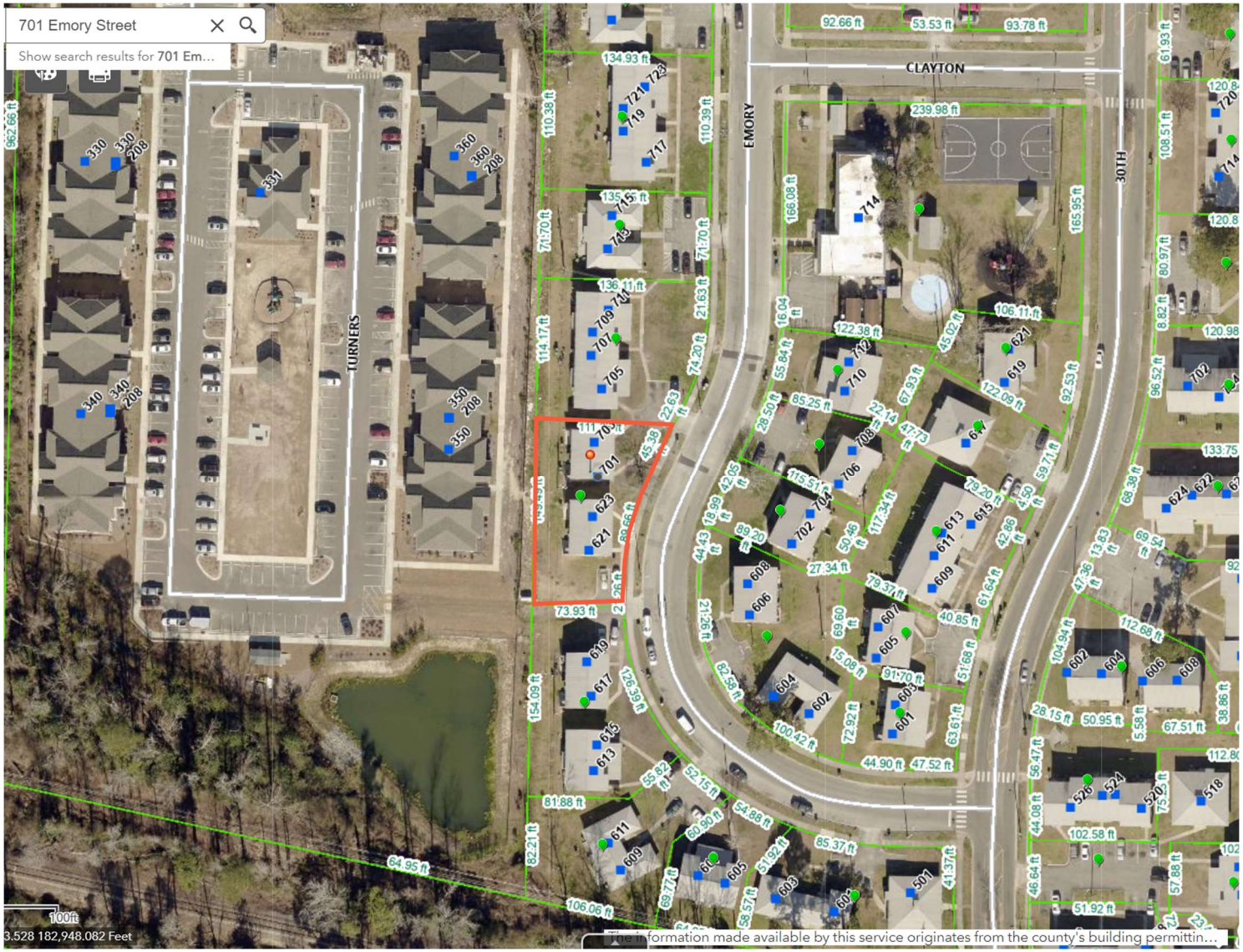
Sale Date	Price	Adj Price	Sales Type	Db/Pg	Valid. Code

Photo:

ADDITIONS - CONTINUED....

L#	Low	1st	2nd	3rd	Description	Area	Value(RCN)	Year Built	Eff Yr Built	Grade	CDU	%Good	Table	% Comp	RCNLD
9		POR	BAS			48	3,888	1970		C-	AV		49		1,905

Creekwood (14 Units), 701 Emory Street Wilmington, NC 28405
New Hanover County Parcel Map



R04909-001-076-000 2023 *New Hanover County, NC - Property Card* Printed: 03/20/23 Card: 1 of 2 Appr#: Input Dte: ___/___/_____ ID:_____

Ownership & Legal Description:

621 EMORY ST WILMINGTON

Owner: WILMINGTON HOUSING AUTHORIT\
PO BOX 899\
WILMINGTON NC 28402

Legal: LOT 71 CREEKWOOD SOUTH

Nbhd: G8D85 **Land Use:** 12

Assessment

Land	46,300	Oby		Exempt Code:	EX
Bldg	207,700	Class	CHR3	Exempt Amount:	254,000
Total	254,000	Taxable:		Routing:	005

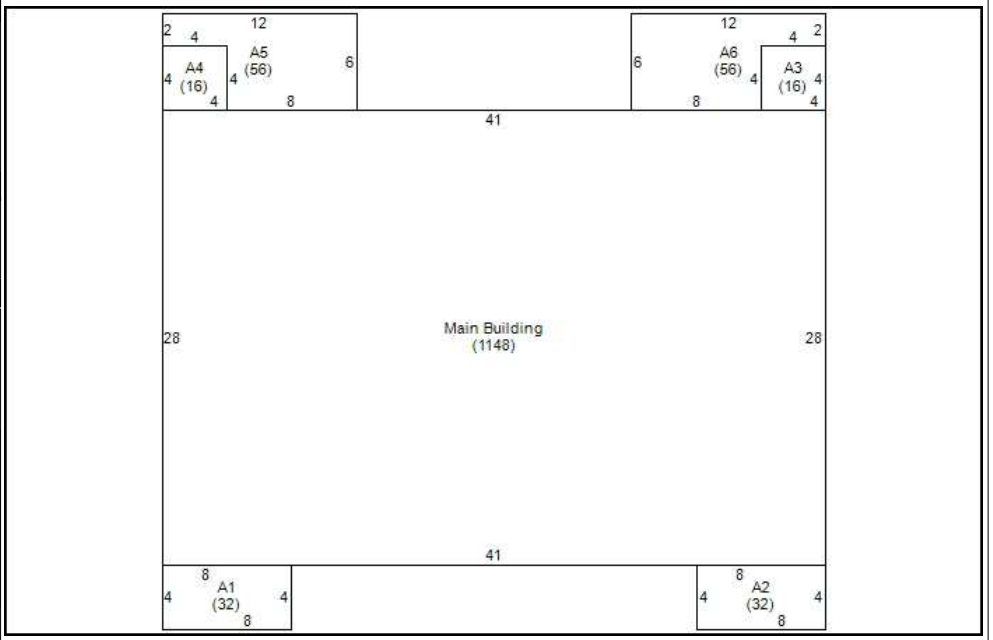
Land Description (CA12 and CA14):

Restr. 1/2/3: **Traffic:** Light\
Topo 1/2/3: Level With Street **Fronting:**\
Utils 1/2/3: Water/Sewer, Public **Location:**\
Road 1 /2: Residential Street **Zoning:** MF-M **Spot Loc:**

L#	Typ	Code	Unit	Rate	Incr	Decr	Depth	Fact	Nbhd	Infl Cd /Pct	Value
1	S	RES	12,736	3.5	1.25	1.25			1		46,295

Total Parcel Size: 12,736 0.2924 46,295

CA16: **Date:** 01/07/19 **Entr Rslt:** R **Spoke With:** A **Appr:** RLK



Improvement Description (CA21):

Story Ht:	2	**Half Baths:**	2	**Int vs. Ext Cnd:**		**Grade:**	C-
Cnstr:	Part Brick & Fran	**Extra Fixtures:**	0	**Bldg Use Code:**		**CDU:**	AVERAGE
Style:	Duplex	**Bsmt:**	None	**Masonry Trim:**		**Market Adj:**	
Yr Blt:	1970	**Heating:**	Central With A/C	**Unfin Area:**		**Pct Cmplt:**	
Eff Year:		**Heating Fuel:**	Electric	**Rec Room:**	0	**SFLA:**	2296
Yr Remod:		**System:**	Heat Pump	**Fin.Bsmt Area:**		**Excavated**	
% Remod:		**Attic:**		**WBFP Stacks:**		**Pilings**	
Bedrms:	6	**Phys Cond:**		**Prefab Stacks:**	0	**Concrete**	
Full Baths:	2	**Elevators**		**Bsmt Gar # Cars:**			

C&D Factor:
C&D Descrip:
Funct Dep %
Funct Desc:
Econ Dep%:
Econ Desc:
Over Depr Tbl:

Remarks - (CA12 Notes)

DWELL ADDNS CA22

L#	Low	1st	2nd	3rd	Description	Area	Value(RCN)	Year Built	Eff Yr Built	Grade	CDU	%Good	Table	% Comp	RCNLD
0						1,148	209,640	1971		C-	AV		50		102,724
1		MST				32	576	1970		C-	AV		49		282
2		MST				32	576	1970		C-	AV		49		282
3		UTL				16	274	1970		C-	AV		49		134
4		UTL				16	274	1970		C-	AV		49		134
5		CS				56	302	1970		C-	AV		49		148
6		CS				56	302	1970		C-	AV		49		148

Nbhd Factor: 1.0000 ***Total:*** **103,852**

OB&Y CA22

L#	Code	Yr Blt	Eff Yr	Yr Remd	W x L	Area	Grd	Units	Mod Codes	Rate	Ovrd Rte	RCN	Cnd	Funct	%Cmp	%Gd	Tble%Gd	Func Dep	Econ Dep	Adj Fact	RCNLD

Total:

Dwelling Pricing Ladder

Adjusted Base		202783
Plumbing		4320
Basement		0
Heating		2537
Attic		0
Other features		0
Subtotal		209640
User Factor / CD %	1.000	
User Amount		0
Dwelling RCN		209640
Base Dwell RCNLD		102724
Additions		1128
Total RCNLD		103852
Nbhd Factor		1.0000
%complete		
Dwelling Value		103852
Condo base Value		
Condo Adj Value		

Cost Factors

Level Factor	100
Adjusted Area	1,148
Area Factor	0.716
Story Height Factor	1.620
Construct Factor	1.050
Grade Factor	0.900
Table % Good	49
Land Nbhd Factor	1.0000
Dwelling Nbhd Factor	1.0000

Nbhd	Class	Scrn	Column	Factor
G8D85	****	CA14	PRICE	1.0000
G8D85	****	CA21	ADJRCNLD	1.0000
********	****	CA24	ADJRCNLD	1.0000
********	****	CA31	BLDGVAL	1.0000
********	****	CA31	BLDGVAL	.9000
********	****	CA31	BLDGVAL	.9500
********	****	CA31	BLDGVAL	.9500
********	****	CA31	BLDGVAL	1.2000

Remarks - Most Recent (AA14)

Code	Date	Text
MAPP	19-APR-11	SPLIT PER MB55 PG360 FOR 1/1/2012 SHT 4/19/11
MAPP	20-DEC-18	20' PUBLIC UTILITY & EMERGENCY ACCESS ESMT PER MB65/322 FOR 1/1/19 -TL 12/20/18
MN13	04-MAY-11	SPLIT FROM R04909-001-001-000 MOVED BLDG HERE PER SW 5/2/11 JD 5/4/11
MN13	07-JAN-19	20' PUBLIC UTILITY & EMERGENCY ACCESS ESMT NO VC PER RLK 1/7/19 JD
MN13	31-JAN-13	NO VC-CLOSED PERMITS #12-1609, #12-1607, #12-1606, #12-1605 PER SW 1/30/13 MC

Permit Information (CA15) x

Pmt#:	Amount:	Pmt Date:	Cert Date:	Purpose:	Notes:

Sales History

Sale Date	Price	Adj Price	Sales Type	Db/Pg	Valid. Code

Photo:



R04909-001-076-000 2023 *New Hanover County, NC - Property Card* Printed: 03/20/23 Card: 2 of 2 Appr#: Input Dte: ___/___/_____ ID:_____

Ownership & Legal Description:

621 EMORY ST WILMINGTON

Owner: WILMINGTON HOUSING AUTHORIT\
PO BOX 899\
WILMINGTON NC 28402

Legal: LOT 71 CREEKWOOD SOUTH

Nbhd: G8D85 **Land Use:** 12

Assessment

Land	46,300	Oby		Exempt Code:	EX
Bldg	207,700	Class	CHR3	Exempt Amount:	254,000
Total	254,000	Taxable:		Routing:	005

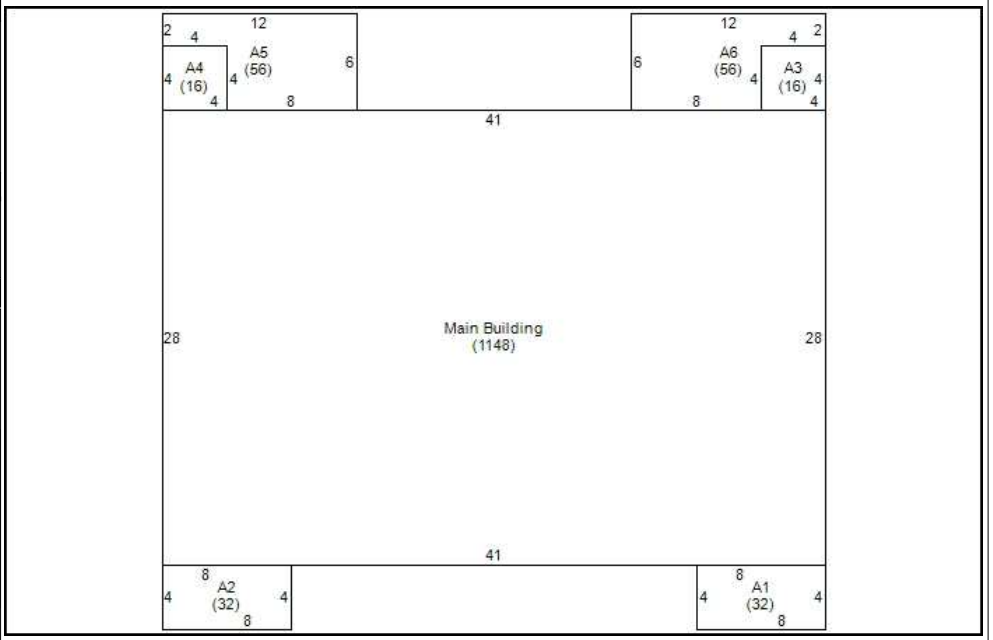
Land Description (CA12 and CA14):

Restr. 1/2/3: **Traffic:** Light\
Topo 1/2/3: Level With Street **Fronting:**\
Utils 1/2/3: Water/Sewer, Public **Location:**\
Road 1 /2: Residential Street **Zoning:** MF-M **Spot Loc:**

L#	Typ	Code	Unit	Rate	Incr	Decr	Depth	Fact	Nbhd	Infl Cd /Pct	Value
1	S	RES	12,736	3.5	1.25	1.25			1		46,295

Total Parcel Size: 12,736 0.2924 46,295

CA16: **Date:** 01/07/19 **Entr Rslt:** R **Spoke With:** A **Appr:** RLK



Improvement Description (CA21):

Story Ht: 2 **Half Baths:** 2 **Int vs. Ext Cnd:** **Grade:** C- **C&D Factor:**\
Cnstr: Part Brick & Fran **Extra Fixtures:** 0 **Bldg Use Code:** **CDU:** AVERAGE **C&D Descrip:**\
Style: Duplex **Bsmt:** None **Masonry Trim:** **Market Adj:** **Funct Dep %**\
Yr Blt: 1970 **Heating:** Central With A/C **Unfin Area:** **Pct Cmplt:** **Funct Desc:**\
Eff Year: **Heating Fuel:** Electric **Rec Room:** 0 **SFLA:** 2296 **Econ Dep%:**\
Yr Remod: **System:** Heat Pump **Fin.Bsmt Area:** **Excavated** **Econ Desc:**\
% Remod: **Attic:** **WBFP Stacks:** **Pilings** **Over Depr Tbl:**\
Bedrms: 6 **Phys Cond:** **Prefab Stacks:** 0 **Concrete**\
Full Baths: 2 **Elevators** **Bsmt Gar # Cars:**

Remarks - (CA12 Notes)

DWELL ADDNS CA22

L#	Low	1st	2nd	3rd	Description	Area	Value(RCN)	Year Built	Eff Yr Built	Grade	CDU	%Good	Table	% Comp	RCNLD
0						1,148	209,640	1971		C-	AV		50		102,724
1		MST				32	576	1970		C-	AV		49		282
2		MST				32	576	1970		C-	AV		49		282
3		UTL				16	274	1970		C-	AV		49		134
4		UTL				16	274	1970		C-	AV		49		134
5		CS				56	302	1970		C-	AV		49		148
6		CS				56	302	1970		C-	AV		49		148

Nbhd Factor: 1.0000 ***Total:*** **103,852**

OB&Y CA22

L#	Code	Yr Blt	Eff Yr	Yr Remd	W x L	Area	Grd	Units	Mod Codes	Rate	Ovrd Rte	RCN	Cnd	Funct	%Cmp	%Gd	Tble%Gd	Func Dep	Econ Dep	Adj Fact	RCNLD

Total:

Dwelling Pricing Ladder

Adjusted Base		202783
Plumbing		4320
Basement		0
Heating		2537
Attic		0
Other features		0
Subtotal		209640
User Factor / CD %	1.000	
User Amount		0
Dwelling RCN		209640
Base Dwell RCNLD		102724
Additions		1128
Total RCNLD		103852
Nbhd Factor		1.0000
%complete		
Dwelling Value		103852
Condo base Value		
Condo Adj Value		

Cost Factors

Level Factor	100
Adjusted Area	1,148
Area Factor	0.716
Story Height Factor	1.620
Construct Factor	1.050
Grade Factor	0.900
Table % Good	49
Land Nbhd Factor	1.0000
Dwelling Nbhd Factor	1.0000

Nbhd	Class	Scrn	Column	Factor
G8D85	****	CA14	PRICE	1.0000
G8D85	****	CA21	ADJRCNLD	1.0000
********	****	CA24	ADJRCNLD	1.0000
********	****	CA31	BLDGVAL	1.0000
********	****	CA31	BLDGVAL	.9000
********	****	CA31	BLDGVAL	.9500
********	****	CA31	BLDGVAL	.9500
********	****	CA31	BLDGVAL	1.2000

Remarks - Most Recent (AA14)

Code	Date	Text
MAPP	19-APR-11	SPLIT PER MB55 PG360 FOR 1/1/2012 SHT 4/19/11
MAPP	20-DEC-18	20' PUBLIC UTILITY & EMERGENCY ACCESS ESMT PER MB65/322 FOR 1/1/19 -TL 12/20/18
MN13	04-MAY-11	SPLIT FROM R04909-001-001-000 MOVED BLDG HERE PER SW 5/2/11 JD 5/4/11
MN13	07-JAN-19	20' PUBLIC UTILITY & EMERGENCY ACCESS ESMT NO VC PER RLK 1/7/19 JD
MN13	31-JAN-13	NO VC-CLOSED PERMITS #12-1609, #12-1607, #12-1606, #12-1605 PER SW 1/30/13 MC

Permit Information (CA15) x

Pmt#:	Amount:	Pmt Date:	Cert Date:	Purpose:	Notes:

Sales History

Sale Date	Price	Adj Price	Sales Type	Db/Pg	Valid. Code

Photo:

Creekwood (14 Units), 707 Emory Street, Wilmington, NC 28405
New Hanover County Parcel Map


707 Emory St.
Show search results for 707 Em...
EMORY
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30TH
TURNERS
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R04909-001-075-000 2023 *New Hanover County, NC - Property Card* Printed: 04/26/23 Card: 1 of 1 Appr#: Input Dte: ___/___/_____ ID:_____

Ownership & Legal Description:

705 EMORY ST WILMINGTON

Owner: WILMINGTON HOUSING AUTHORIT\
PO BOX 899\
WILMINGTON NC 28402

Legal: LOT 70 CREEKWOOD SOUTH

Nbhd: G8D85 **Land Use:** 12

Assessment

Land	48,900	Oby		Exempt Code:	EX
Bldg	238,100	Class	CHR3	Exempt Amount:	287,000
Total	287,000	Taxable:		Routing:	006

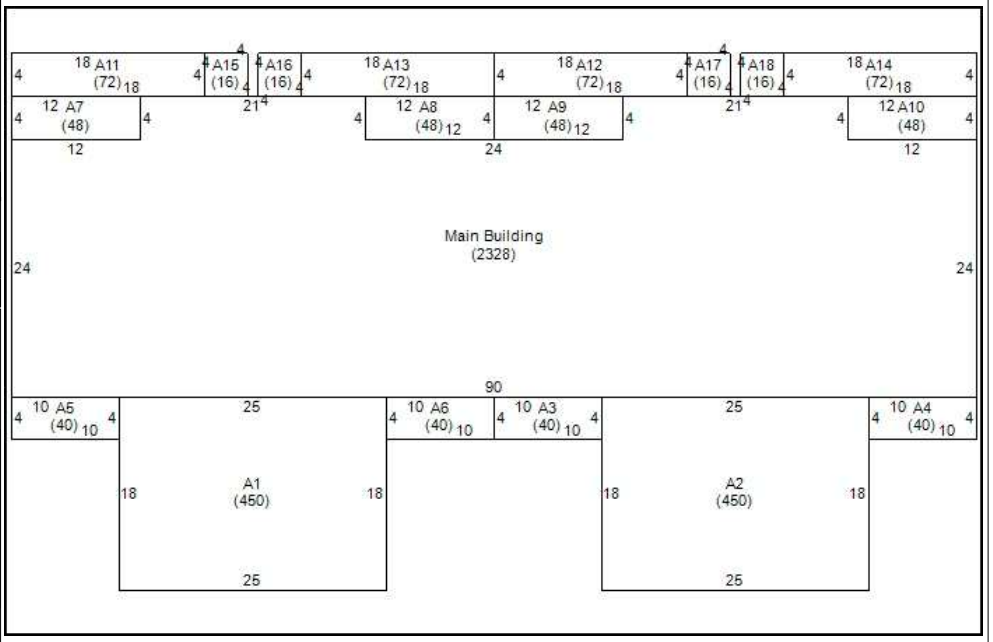
Land Description (CA12 and CA14):

Restr. 1/2/3: **Traffic:** Light\
Topo 1/2/3: Level With Street **Fronting:**\
Utils 1/2/3: Water/Sewer, Public **Location:**\
Road 1 /2: Residential Street **Zoning:** MF-M **Spot Loc:**

L#	Typ	Code	Unit	Rate	Incr	Decr	Depth	Fact	Nbhd	Infl Cd /Pct	Value
1	S	RES	14,781	3.5	1.25	1.25			1		48,851

Total Parcel Size: 14,781 0.3393 48,851

CA16: **Date:** 10/01/15 **Entr Rslt:** R **Spoke With:** A **Appr:** SW



Improvement Description (CA21):

Story Ht: 2 **Half Baths:** 0 **Int vs. Ext Cnd:** **Grade:** C- **C&D Factor:**\
Cnstr: Part Brick & Fran **Extra Fixtures:** 0 **Bldg Use Code:** **CDU:** AVERAGE **C&D Descrip:**\
Style: Quadplex **Bsmt:** None **Masonry Trim:** **Market Adj:** **Funct Dep %**\
Yr Blt: 1970 **Heating:** Central With A/C **Unfin Area:** **Pct Cmplt:** **Funct Desc:**\
Eff Year: **Heating Fuel:** Electric **Rec Room:** 0 **SFLA:** 5908 **Econ Dep%:**\
Yr Remod: **System:** Heat Pump **Fin.Bsmt Area:** **Excavated** **Econ Desc:**\
% Remod: **Attic:** **WBFP Stacks:** **Pilings** **Over Depr Tbl:**\
Bedrms: 16 **Phys Cond:** **Prefab Stacks:** 0 **Concrete**\
Full Baths: 8 **Elevators** **Bsmt Gar # Cars:**

Remarks - (CA12 Notes)

DWELL ADDNS CA22

L#	Low	1st	2nd	3rd	Description	Area	Value(RCN)	Year Built	Eff Yr Built	Grade	CDU	%Good	Table	% Comp	RCNLD
0						2,328	396,816	1971		C-	AV		50		194,440
1		BAS				450	28,350	1971		C-	AV		50		14,175
2		BAS				450	28,350	1971		C-	AV		50		14,175
3		POR	BAS			40	3,240	1970		C-	AV		49		1,588
4		POR	BAS			40	3,240	1970		C-	AV		49		1,588
5		POR	BAS			40	3,240	1970		C-	AV		49		1,588
6		POR	BAS			40	3,240	1970		C-	AV		49		1,588
7		POR	BAS			48	3,888	1970		C-	AV		49		1,905
8		POR	BAS			48	3,888	1970		C-	AV		49		1,905

Continued on additional page... **Nbhd Factor:** 1.0000 ***Total:*** **238,062**

OB&Y CA22

L#	Code	Yr Blt	Eff Yr	Yr Remd	W x L	Area	Grd	Units	Mod Codes	Rate	Ovrd Rte	RCN	Cnd	Funct	%Cmp	%Gd	Tble%Gd	Func Dep	Econ Dep	Adj Fact	RCNLD

Total:

Dwelling Pricing Ladder

Adjusted Base		372713
Plumbing		19440
Basement		0
Heating		4663
Attic		0
Other features		0
Subtotal		396816
User Factor / CD %	1.000	
User Amount		0
Dwelling RCN		396816
Base Dwell RCNLD		194440
Additions		43622
Total RCNLD		238062
Nbhd Factor		1.0000
%complete		
Dwelling Value		238062
Condo base Value		
Condo Adj Value		

Cost Factors

Level Factor	100
Adjusted Area	2,328
Area Factor	1.316
Story Height Factor	1.620
Construct Factor	1.050
Grade Factor	0.900
Table % Good	49
Land Nbhd Factor	1.0000
Dwelling Nbhd Factor	1.0000

Nbhd	Class	Scrn	Column	Factor
G8D85	****	CA14	PRICE	1.0000
G8D85	****	CA21	ADJRCNLD	1.0000
********	****	CA24	ADJRCNLD	1.0000
********	****	CA31	BLDGVAL	1.0000
********	****	CA31	BLDGVAL	.9000
********	****	CA31	BLDGVAL	.9500
********	****	CA31	BLDGVAL	.9500
********	****	CA31	BLDGVAL	1.2000

Remarks - Most Recent (AA14)

Code	Date	Text
MAPP	19-APR-11	SPLIT PER MB55 PG360 FOR 1/1/2012 SHT 4/19/11
MN13	04-MAY-11	SPLIT FROM R04909-001-001-000 MOVED BLDG HERE PER SW 5/2/11 JD 5/4/11
MN13	31-JAN-13	NO VC-CLOSED PERMITS #12-1723, #12-1680, #12-1679, #12-1677 PER SW 1/30/13 MC

Permit Information (CA15) x

Pmt#:	Amount:	Pmt Date:	Cert Date:	Purpose:	Notes:

Sales History

Sale Date	Price	Adj Price	Sales Type	Db/Pg	Valid. Code

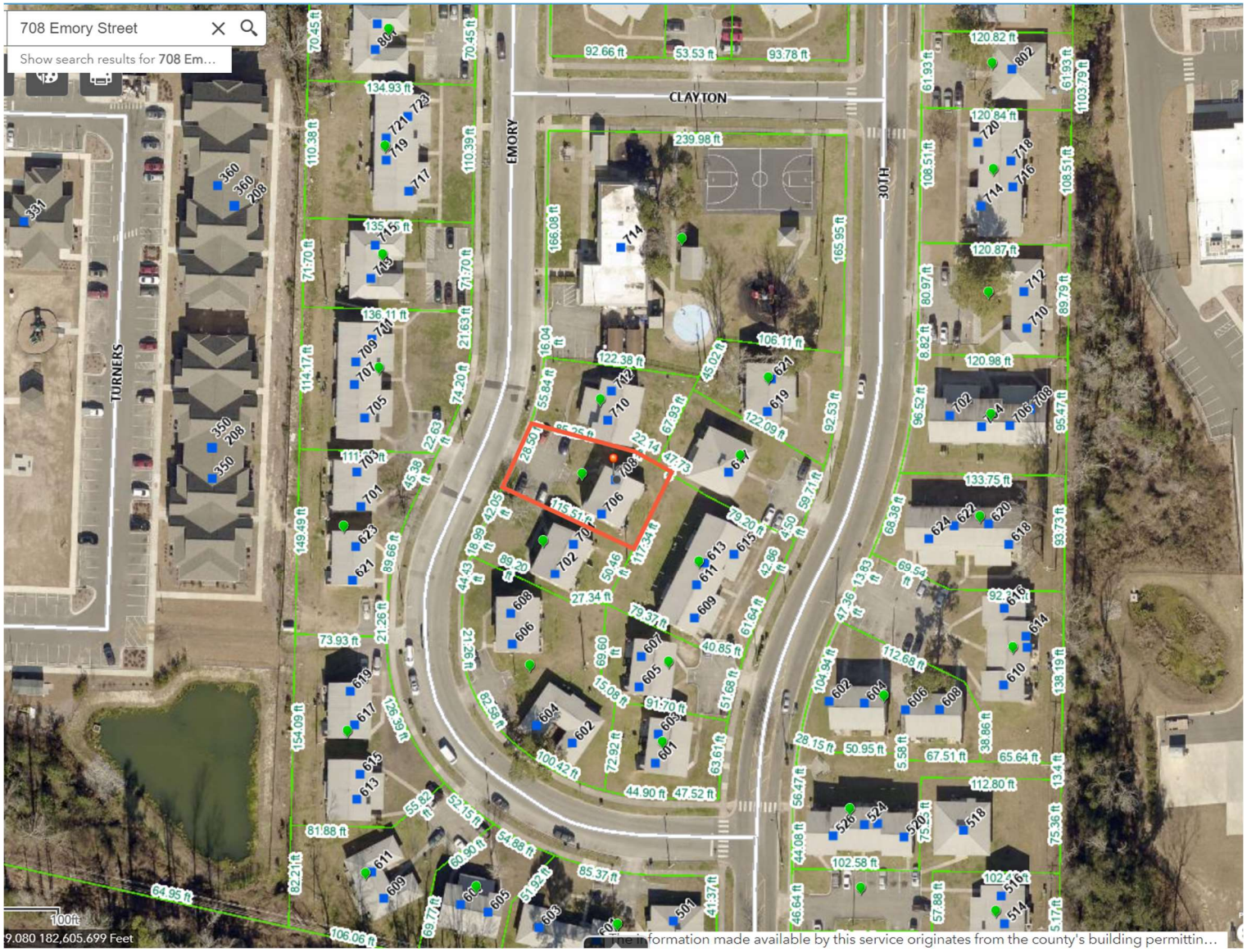
Photo:



ADDITIONS - CONTINUED....

L#	Low	1st	2nd	3rd	Description	Area	Value(RCN)	Year Built	Eff Yr Built	Grade	CDU	%Good	Table	% Comp	RCNLD
9		POR	BAS			48	3,888	1970		C-	AV		49		1,905
10		POR	BAS			48	3,888	1970		C-	AV		49		1,905
11		CS				72	389	1970		C-	AV		49		191
12		CS				72	389	1970		C-	AV		49		191
13		CS				72	389	1970		C-	AV		49		191
14		CS				72	389	1970		C-	AV		49		191
15		UTL				16	274	1970		C-	AV		49		134
16		UTL				16	274	1970		C-	AV		49		134
17		UTL				16	274	1970		C-	AV		49		134
18		UTL				16	274	1970		C-	AV		49		134

Creekwood (14 Units), 708 Emory Street Wilmington, NC 28405
New Hanover County Parcel Map



R04909-001-046-000 2023 *New Hanover County, NC - Property Card* Printed: 03/20/23 Card: 1 of 1 Appr#: Input Dte: ___/___/_____ ID:_____

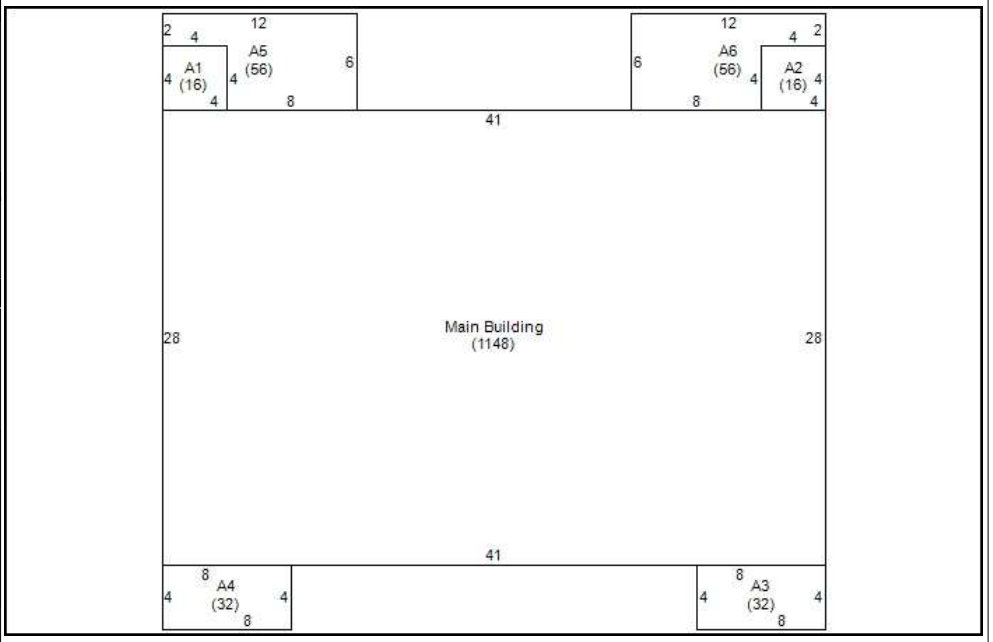
Ownership & Legal Description:

706 EMORY ST WILMINGTON

Owner: WILMINGTON HOUSING AUTHORITY
PO BOX 899
WILMINGTON NC 28402

Legal: LOT 41 CREEKWOOD SOUTH

Nbhd: G8D85 **Land Use:** 12



Assessment

Land	39,800	Oby		Exempt Code:	EX
Bldg	103,900	Class	CHR3	Exempt Amount:	143,700
Total	143,700	Taxable:		Routing:	036

Land Description (CA12 and CA14):

Restr. 1/2/3: **Traffic:** Light
Topo 1/2/3: Level With Street **Fronting:**
Utils 1/2/3: Water/Sewer, Public **Location:**
Road 1 /2: Residential Street **Zoning:** MF-M **Spot Loc:**

L#	Typ	Code	Unit	Rate	Incr	Decr	Depth	Fact	Nbhd	Infl Cd /Pct	Value
1	S	RES	7,516	3.5	1.25	1.25			1		39,770

Total Parcel Size: 7,516 0.1725 39,770

CA16: **Date:** 09/25/15 **Entr Rslt:** R **Spoke With:** A **Appr:** SW

Improvement Description (CA21):

Story Ht: 2
Cnstr: Part Brick & Fran
Style: Duplex
Yr Blt: 1970
Eff Year:
Yr Remod:
% Remod:
Bedrms: 6
Full Baths: 2
Half Baths: 2
Extra Fixtures: 0
Bsmt: None
Heating: Central With A/C
Heating Fuel: Electric
System: Heat Pump
Attic:
Phys Cond:
Elevators
Int vs. Ext Cnd:
Bldg Use Code:
Masonry Trim:
Unfin Area:
Rec Room: 0
Fin.Bsmt Area:
WBFP Stacks:
Prefab Stacks: 0
Bsmt Gar # Cars:
Grade: C-
CDU: AVERAGE
Market Adj:
Pct Cmplt:
SFLA: 2296
Excavated
Pilings
Concrete
C&D Factor:
C&D Descrip:
Funct Dep %
Funct Desc:
Econ Dep%:
Econ Desc:
Over Depr Tbl:

Remarks - (CA12 Notes)

DWELL ADDNS CA22

L#	Low	1st	2nd	3rd	Description	Area	Value(RCN)	Year Built	Eff Yr Built	Grade	CDU	%Good	Table	% Comp	RCNLD
0						1,148	209,640	1971		C-	AV		50		102,724
1		UTL				16	274	1970		C-	AV		49		134
2		UTL				16	274	1970		C-	AV		49		134
3		MST				32	576	1970		C-	AV		49		282
4		MST				32	576	1970		C-	AV		49		282
5		CS				56	302	1970		C-	AV		49		148
6		CS				56	302	1970		C-	AV		49		148

Nbhd Factor: 1.0000 ***Total:*** **103,852**

OB&Y CA22

L#	Code	Yr Blt	Eff Yr	Yr Remd	W x L	Area	Grd	Units	Mod Codes	Rate	Ovrd Rte	RCN	Cnd	Funct	%Cmp	%Gd	Tble%Gd	Func Dep	Econ Dep	Adj Fact	RCNLD

Total:

Dwelling Pricing Ladder

Adjusted Base		202783
Plumbing		4320
Basement		0
Heating		2537
Attic		0
Other features		0
Subtotal		209640
User Factor / CD %	1.000	
User Amount		0
Dwelling RCN		209640
Base Dwell RCNLD		102724
Additions		1128
Total RCNLD		103852
Nbhd Factor		1.0000
%complete		
Dwelling Value		103852
Condo base Value		
Condo Adj Value		

Cost Factors

Level Factor	100
Adjusted Area	1,148
Area Factor	0.716
Story Height Factor	1.620
Construct Factor	1.050
Grade Factor	0.900
Table % Good	49
Land Nbhd Factor	1.0000
Dwelling Nbhd Factor	1.0000

Nbhd	Class	Scrn	Column	Factor
G8D85	****	CA14	PRICE	1.0000
G8D85	****	CA21	ADJRCNLD	1.0000
********	****	CA24	ADJRCNLD	1.0000
********	****	CA31	BLDGVAL	1.0000
********	****	CA31	BLDGVAL	.9000
********	****	CA31	BLDGVAL	.9500
********	****	CA31	BLDGVAL	.9500
********	****	CA31	BLDGVAL	1.2000

Remarks - Most Recent (AA14)

Code	Date	Text
MAPP	19-APR-11	SPLIT PER MB55 PG360 FOR 1/1/2012 SHT 4/19/11
MN13	04-MAY-11	SPLIT FROM R04909-001-001-000 MOVED BLDG HERE PER SW 5/2/11 JD 5/4/11
MN13	23-JAN-12	CK BK '13 ON ALL PERMIT WORK PER SW 1/23/12 JD
MN13	18-JAN-13	PRMT RVW '13-NO VC, CLSD PRMTS PER SW 1/14/13; 1/18/13 CAF

Permit Information (CA15) x

Pmt#:	Amount:	Pmt Date:	Cert Date:	Purpose:	Notes:

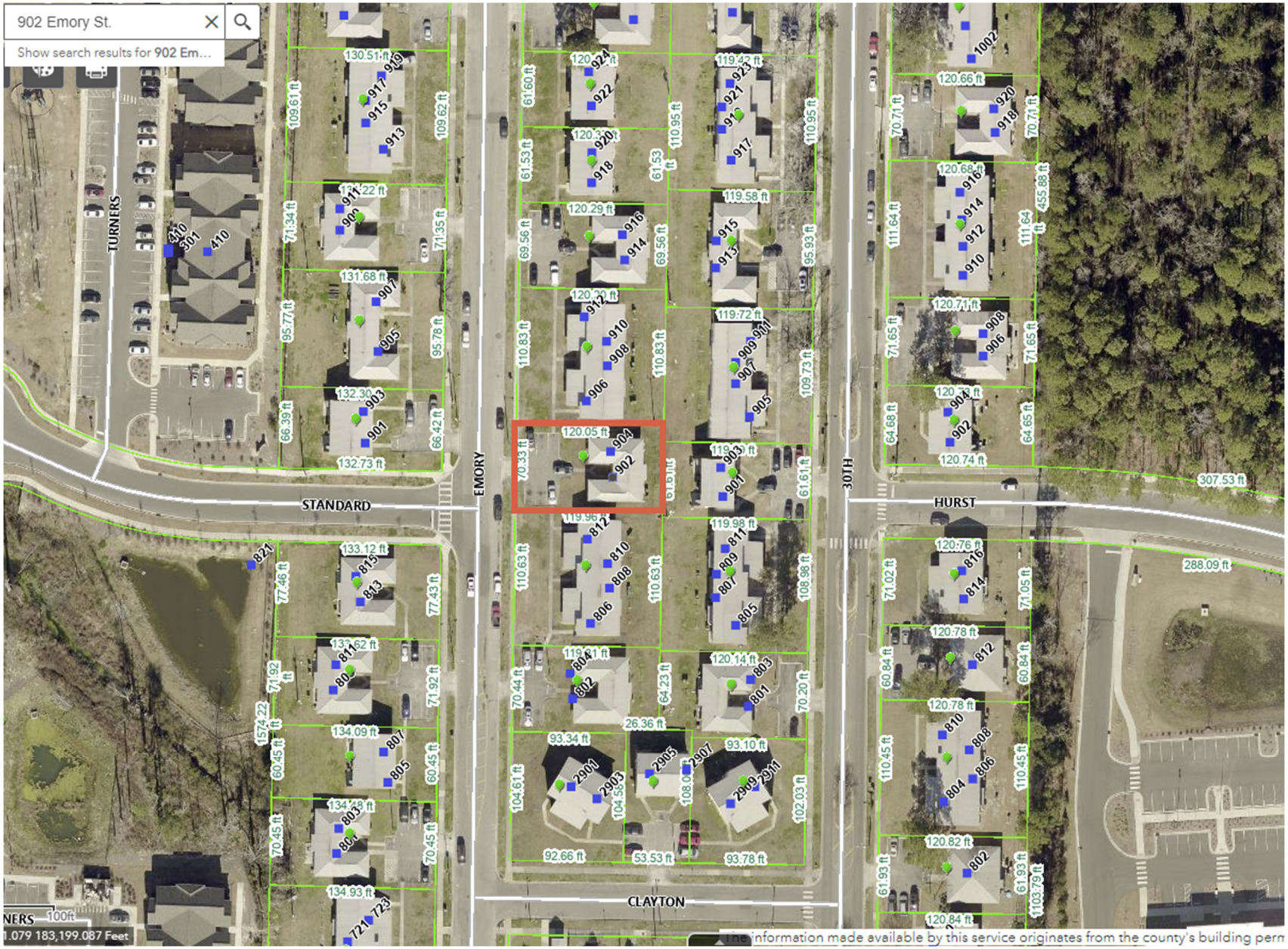
Sales History

Sale Date	Price	Adj Price	Sales Type	Db/Pg	Valid. Code

Photo:



Creekwood (14 Units), 902 Emory Street, Wilmington, NC 28405
New Hanover County Parcel Map



R04909-001-052-000 2023 *New Hanover County, NC - Property Card* Printed: 04/26/23 Card: 1 of 1 Appr#: Input Dte: ___/___/_____ ID:_____

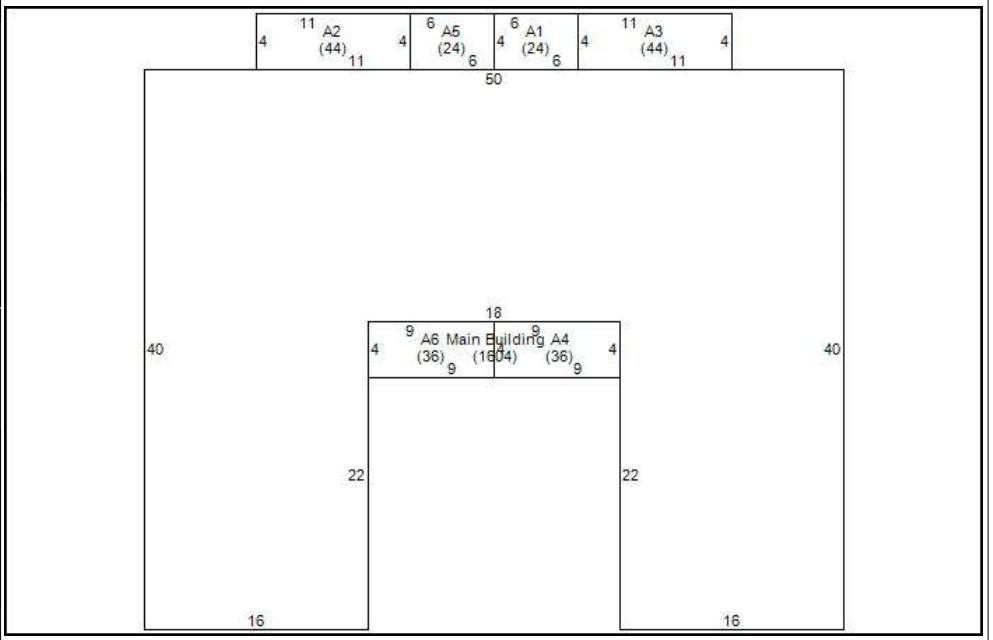
Ownership & Legal Description:

902 EMORY ST WILMINGTON

Owner: WILMINGTON HOUSING AUTHORITY
PO BOX 899
WILMINGTON NC 28402

Legal: LOT 47 CREEKWOOD SOUTH

Nbhd: G8D85 **Land Use:** 12



Assessment

Land	40,900	Oby		Exempt Code:	EX
Bldg	86,900	Class	CHR3	Exempt Amount:	127,800
Total	127,800	Taxable:		Routing:	029

Land Description (CA12 and CA14):

Restr. 1/2/3: **Traffic:** Light
Topo 1/2/3: Level With Street **Fronting:**
Utils 1/2/3: Water/Sewer, Public **Location:**
Road 1 /2: Residential Street **Zoning:** MF-M **Spot Loc:**

L#	Typ	Code	Unit	Rate	Incr	Decr	Depth	Fact	Nbhd	Infl Cd /Pct	Value
1	S	RES	8,440	3.5	1.25	1.25			1		40,925

Total Parcel Size: 8,440 0.1938 40,925

CA16: **Date:** 09/25/15 **Entr Rslt:** R **Spoke With:** A **Appr:** SW

Improvement Description (CA21):

Story Ht: 1
Cnstr: Brick Veneer
Style: Duplex
Yr Blt: 1970
Eff Year:
Yr Remod:
% Remod:
Bedrms: 4
Full Baths: 2

Half Baths: 0
Extra Fixtures: 0
Bsmt: None
Heating: Central With A/C
Heating Fuel: Electric
System: Heat Pump
Attic:
Phys Cond:
Elevators

Int vs. Ext Cnd:
Bldg Use Code:
Masonry Trim:
Unfin Area:
Rec Room: 0
Fin.Bsmt Area:
WBFP Stacks:
Prefab Stacks: 0
Bsmt Gar # Cars:

Grade: C-
CDU: AVERAGE
Market Adj:
Pct Cmplt:
SFLA: 1604
Excavated
Pilings
Concrete

C&D Factor:
C&D Descrip:
Funct Dep %
Funct Desc:
Econ Dep%:
Econ Desc:
Over Depr Tbl:

Remarks - (CA12 Notes)

DWELL ADDNS CA22

L#	Low	1st	2nd	3rd	Description	Area	Value(RCN)	Year Built	Eff Yr Built	Grade	CDU	%Good	Table	% Comp	RCNLD
0						1,604	174,672	1971		C-	AV		50		85,589
1		UTL				24	410	1970		C-	AV		49		201
2		CS				44	238	1970		C-	AV		49		117
3		CS				44	238	1970		C-	AV		49		117
4		POR				36	648	1970		C-	AV		49		318
5		UTL				24	410	1970		C-	AV		49		201
6		POR				36	648	1970		C-	AV		49		318

Nbhd Factor: 1.0000 ***Total:*** **86,861**

OB&Y CA22

L#	Code	Yr Blt	Eff Yr	Yr Remd	W x L	Area	Grd	Units	Mod Codes	Rate	Ovrd Rte	RCN	Cnd	Funct	%Cmp	%Gd	Tble%Gd	Func Dep	Econ Dep	Adj Fact	RCNLD

Total:

Dwelling Pricing Ladder

Adjusted Base		172592
Plumbing		0
Basement		0
Heating		2080
Attic		0
Other features		0
Subtotal		174672
User Factor / CD %	1.000	
User Amount		0
Dwelling RCN		174672
Base Dwell RCNLD		85589
Additions		1272
Total RCNLD		86861
Nbhd Factor		1.0000
%complete		
Dwelling Value		86861
Condo base Value		
Condo Adj Value		

Cost Factors

Level Factor	100
Adjusted Area	1,604
Area Factor	0.951
Story Height Factor	1.000
Construct Factor	1.090
Grade Factor	0.900
Table % Good	49
Land Nbhd Factor	1.0000
Dwelling Nbhd Factor	1.0000

Nbhd	Class	Scrn	Column	Factor
G8D85	****	CA14	PRICE	1.0000
G8D85	****	CA21	ADJRCNLD	1.0000
********	****	CA24	ADJRCNLD	1.0000
********	****	CA31	BLDGVAL	1.0000
********	****	CA31	BLDGVAL	.9000
********	****	CA31	BLDGVAL	.9500
********	****	CA31	BLDGVAL	.9500
********	****	CA31	BLDGVAL	1.2000

Remarks - Most Recent (AA14)

Code	Date	Text
MAPP	19-APR-11	SPLIT PER MB55 PG360 FOR 1/1/2012 SHT 4/19/11
MN13	04-MAY-11	SPLIT FROM R04909-001-001-000 MOVED BLDG HERE PER SW 5/2/11 JD 5/4/11
MN13	22-JAN-13	PRMT RVW '13-NO VC, CLSD PRMTS PER SW 1/14/13; 1/22/13 CAF

Permit Information (CA15) x

Pmt#:	Amount:	Pmt Date:	Cert Date:	Purpose:	Notes:

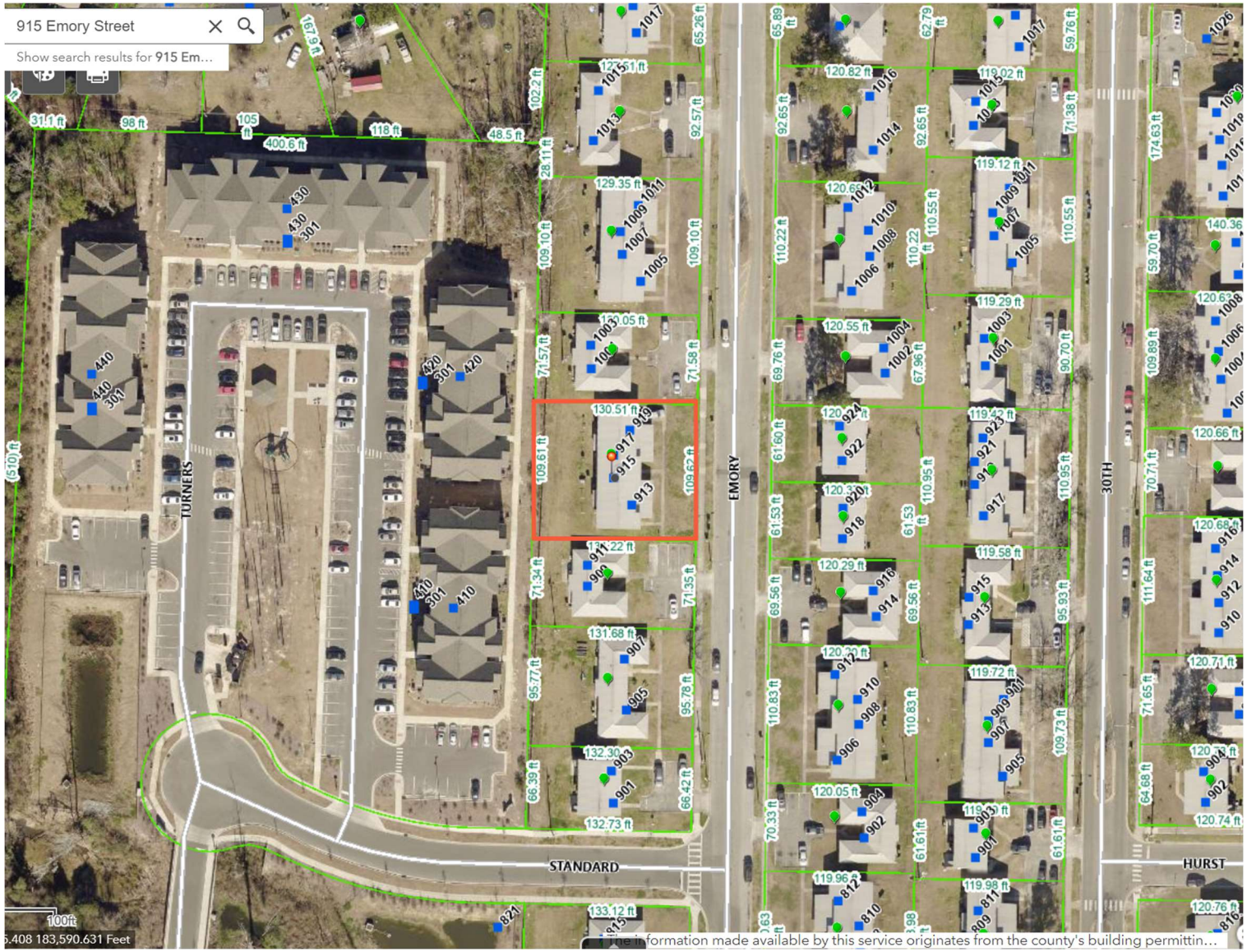
Sales History

Sale Date	Price	Adj Price	Sales Type	Db/Pg	Valid. Code

Photo:



Creekwood (14 Units), 915 Emory Street Wilmington, NC 28405
New Hanover County Parcel Map



R04909-001-065-000 2023 *New Hanover County, NC - Property Card* Printed: 03/20/23 Card: 1 of 1 Appr#: Input Dte: ___/___/_____ ID:_____

Ownership & Legal Description:

913 EMORY ST WILMINGTON

Owner: WILMINGTON HOUSING AUTHORIT\
PO BOX 899\
WILMINGTON NC 28402

Legal: LOT 60 CREEKWOOD SOUTH

Nbhd: G8D85 **Land Use:** 12

Assessment

Land	48,300	Oby		Exempt Code:	EX
Bldg	238,100	Class	CHR3	Exempt Amount:	286,400
Total	286,400	Taxable:		Routing:	016

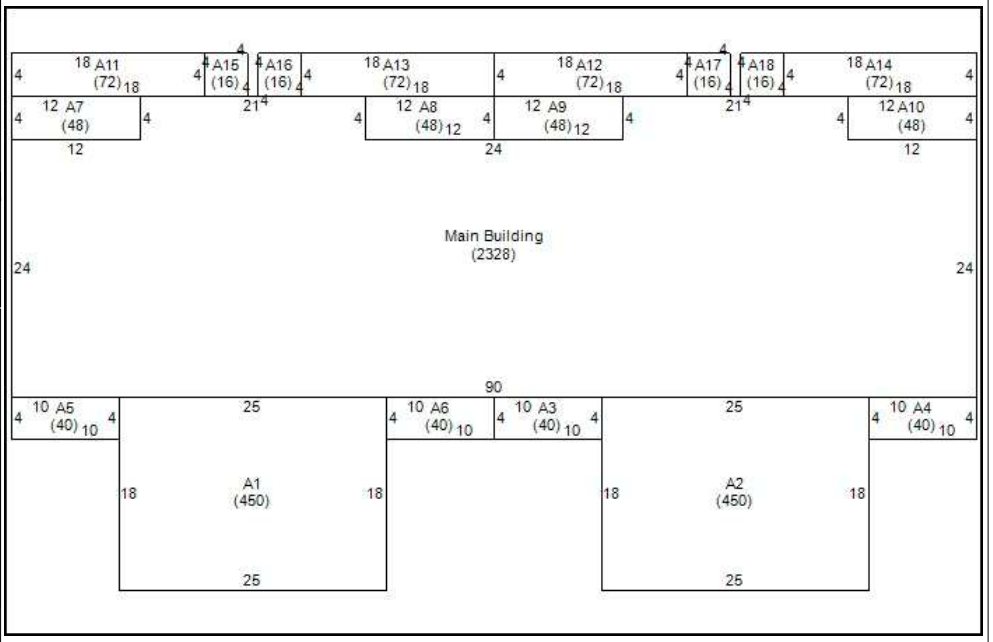
Land Description (CA12 and CA14):

Restr. 1/2/3: **Traffic:** Light\
Topo 1/2/3: Level With Street **Fronting:**\
Utils 1/2/3: Water/Sewer, Public **Location:**\
Road 1 /2: Residential Street **Zoning:** MF-M **Spot Loc:**

L#	Typ	Code	Unit	Rate	Incr	Decr	Depth	Fact	Nbhd	Infl Cd /Pct	Value
1	S	RES	14,345	3.5	1.25	1.25			1		48,306

Total Parcel Size: 14,345 0.3293 48,306

CA16: **Date:** 10/01/15 **Entr Rslt:** R **Spoke With:** A **Appr:** SW



Improvement Description (CA21):

Story Ht: 2 **Half Baths:** 0 **Int vs. Ext Cnd:** **Grade:** C- **C&D Factor:**\
Cnstr: Part Brick & Fran **Extra Fixtures:** 0 **Bldg Use Code:** **CDU:** AVERAGE **C&D Descrip:**\
Style: Quadplex **Bsmt:** None **Masonry Trim:** **Market Adj:** **Funct Dep %**\
Yr Blt: 1970 **Heating:** Central With A/C **Unfin Area:** **Pct Cmplt:** **Funct Desc:**\
Eff Year: **Heating Fuel:** Electric **Rec Room:** 0 **SFLA:** 5908 **Econ Dep%:**\
Yr Remod: **System:** Heat Pump **Fin.Bsmt Area:** **Excavated** **Econ Desc:**\
% Remod: **Attic:** **WBFP Stacks:** **Pilings** **Over Depr Tbl:**\
Bedrms: 16 **Phys Cond:** **Prefab Stacks:** 0 **Concrete**\
Full Baths: 8 **Elevators** **Bsmt Gar # Cars:**

Remarks - (CA12 Notes)

DWELL ADDNS CA22

L#	Low	1st	2nd	3rd	Description	Area	Value(RCN)	Year Built	Eff Yr Built	Grade	CDU	%Good	Table	% Comp	RCNLD
0						2,328	396,816	1971		C-	AV		50		194,440
1		BAS				450	28,350	1971		C-	AV		50		14,175
2		BAS				450	28,350	1971		C-	AV		50		14,175
3		POR	BAS			40	3,240	1970		C-	AV		49		1,588
4		POR	BAS			40	3,240	1970		C-	AV		49		1,588
5		POR	BAS			40	3,240	1970		C-	AV		49		1,588
6		POR	BAS			40	3,240	1970		C-	AV		49		1,588
7		POR	BAS			48	3,888	1970		C-	AV		49		1,905
8		POR	BAS			48	3,888	1970		C-	AV		49		1,905

Continued on additional page... **Nbhd Factor:** 1.0000 ***Total:*** **238,062**

OB&Y CA22

L#	Code	Yr Blt	Eff Yr	Yr Remd	W x L	Area	Grd	Units	Mod Codes	Rate	Ovrd Rte	RCN	Cnd	Funct	%Cmp	%Gd	Tble%Gd	Func Dep	Econ Dep	Adj Fact	RCNLD

Total:

Dwelling Pricing Ladder

Adjusted Base		372713
Plumbing		19440
Basement		0
Heating		4663
Attic		0
Other features		0
Subtotal		396816
User Factor / CD %	1.000	
User Amount		0
Dwelling RCN		396816
Base Dwell RCNLD		194440
Additions		43622
Total RCNLD		238062
Nbhd Factor		1.0000
%complete		
Dwelling Value		238062
Condo base Value		
Condo Adj Value		

Cost Factors

Level Factor	100
Adjusted Area	2,328
Area Factor	1.316
Story Height Factor	1.620
Construct Factor	1.050
Grade Factor	0.900
Table % Good	49
Land Nbhd Factor	1.0000
Dwelling Nbhd Factor	1.0000

Nbhd	Class	Scrn	Column	Factor
G8D85	****	CA14	PRICE	1.0000
G8D85	****	CA21	ADJRCNLD	1.0000
********	****	CA24	ADJRCNLD	1.0000
********	****	CA31	BLDGVAL	1.0000
********	****	CA31	BLDGVAL	.9500
********	****	CA31	BLDGVAL	1.2000
********	****	CA31	BLDGVAL	.8000
********	****	CA31	BLDGVAL	.9000

Remarks - Most Recent (AA14)

Code	Date	Text
MAPP	19-APR-11	SPLIT PER MB55 PG360 FOR 1/1/2012 SHT 4/19/11
MN13	04-MAY-11	SPLIT FROM R04909-001-001-000 MOVED BLDG HERE PER SW 5/2/11 JD 5/4/11
MN13	31-JAN-13	NO VC-CLOSED PERMITS #12-1692, #12-1691, #12-1690, #12-1689 PER SW 1/30/13 MC

Permit Information (CA15) x

Pmt#:	Amount:	Pmt Date:	Cert Date:	Purpose:	Notes:

Sales History

Sale Date	Price	Adj Price	Sales Type	Db/Pg	Valid. Code

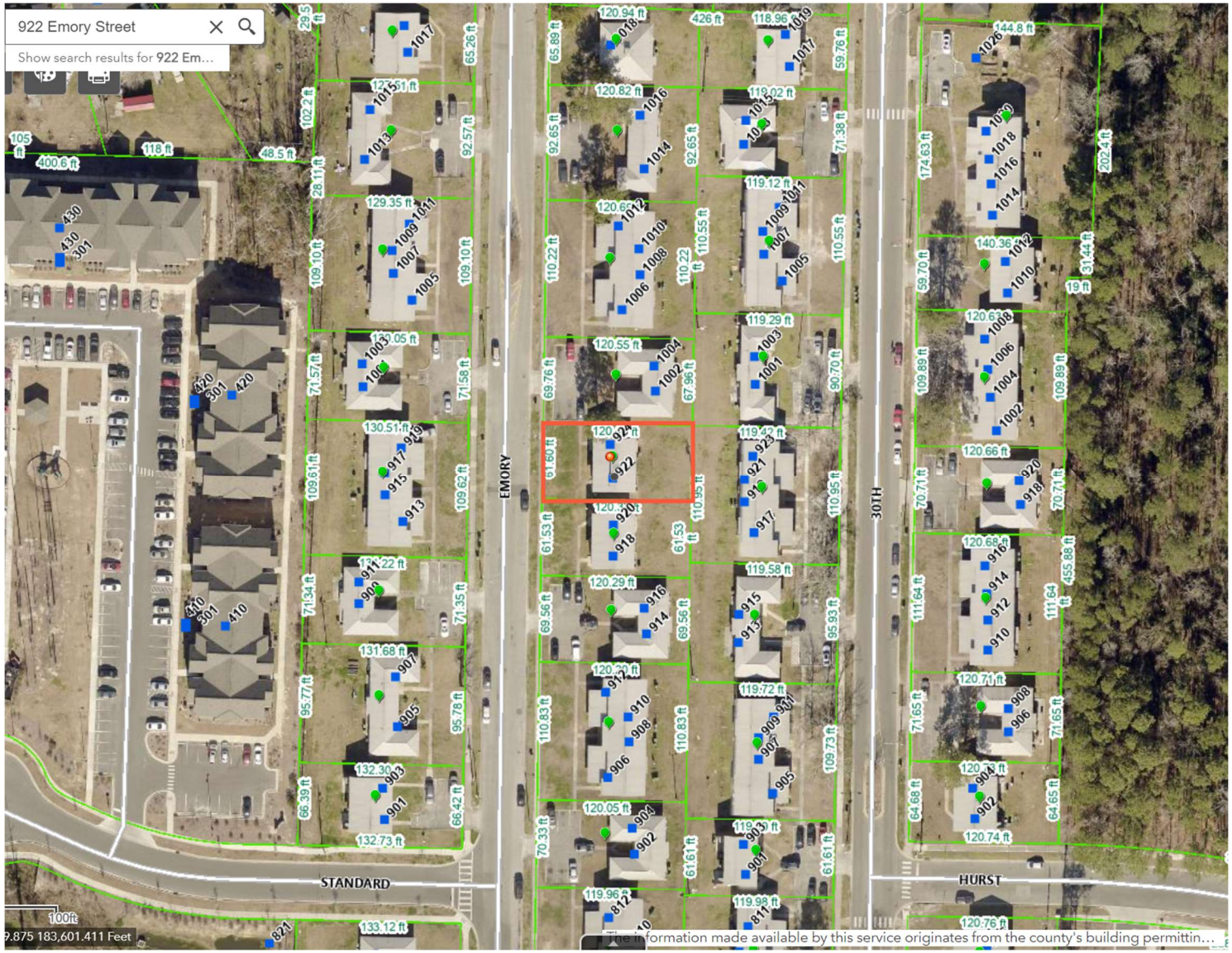
Photo:



ADDITIONS - CONTINUED....

L#	Low	1st	2nd	3rd	Description	Area	Value(RCN)	Year Built	Eff Yr Built	Grade	CDU	%Good	Table	% Comp	RCNLD
9		POR	BAS			48	3,888	1970		C-	AV		49		1,905
10		POR	BAS			48	3,888	1970		C-	AV		49		1,905
11		CS				72	389	1970		C-	AV		49		191
12		CS				72	389	1970		C-	AV		49		191
13		CS				72	389	1970		C-	AV		49		191
14		CS				72	389	1970		C-	AV		49		191
15		UTL				16	274	1970		C-	AV		49		134
16		UTL				16	274	1970		C-	AV		49		134
17		UTL				16	274	1970		C-	AV		49		134
18		UTL				16	274	1970		C-	AV		49		134

Creekwood (14 Units), 922 Emory Street Wilmington, NC 28405
New Hanover County Parcel Map



R04909-001-056-000 2023 *New Hanover County, NC - Property Card* Printed: 03/20/23 Card: 1 of 1 Appr#: Input Dte: ___/___/_____ ID:_____

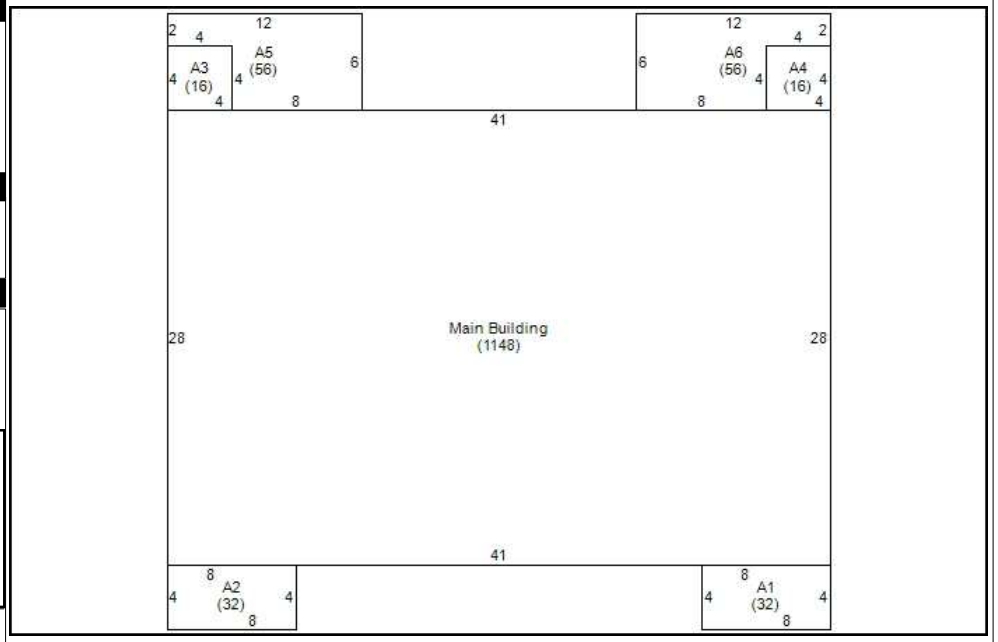
Ownership & Legal Description:

922 EMORY ST WILMINGTON

Owner: WILMINGTON HOUSING AUTHORIT\
PO BOX 899\
WILMINGTON NC 28402

Legal: LOT 51 CREEKWOOD SOUTH

Nbhd: G8D85 **Land Use:** 12



Assessment

Land	39,600	Oby		Exempt Code:	EX
Bldg	103,900	Class	CHR3	Exempt Amount:	143,500
Total	143,500	Taxable:		Routing:	025

Land Description (CA12 and CA14):

Restr. 1/2/3: **Traffic:** Light\
Topo 1/2/3: Level With Street **Fronting:**\
Utils 1/2/3: Water/Sewer, Public **Location:**\
Road 1 /2: Residential Street **Zoning:** MF-M **Spot Loc:**

L#	Typ	Code	Unit	Rate	Incr	Decr	Depth	Fact	Nbhd	Infl Cd /Pct	Value
1	S	RES	7,417	3.5	1.25	1.25			1		39,646
Total Parcel Size:			7,417		0.1703						39,646

CA16: **Date:** 09/25/15 **Entr Rslt:** R **Spoke With:** A **Appr:** SW

Improvement Description (CA21):

Story Ht: 2 **Half Baths:** 2 **Int vs. Ext Cnd:** **Grade:** C- **C&D Factor:**\
Cnstr: Part Brick & Fran **Extra Fixtures:** 0 **Bldg Use Code:** **CDU:** AVERAGE **C&D Descrip:**\
Style: Duplex **Bsmt:** None **Masonry Trim:** **Market Adj:** **Funct Dep %**\
Yr Blt: 1970 **Heating:** Central With A/C **Unfin Area:** **Pct Cmplt:** **Funct Desc:**\
Eff Year: **Heating Fuel:** Electric **Rec Room:** 0 **SFLA:** 2296 **Econ Dep%:**\
Yr Remod: **System:** Heat Pump **Fin.Bsmt Area:** **Excavated** **Econ Desc:**\
% Remod: **Attic:** **WBFP Stacks:** **Pilings** **Over Depr Tbl:**\
Bedrms: 6 **Phys Cond:** **Prefab Stacks:** 0 **Concrete**\
Full Baths: 2 **Elevators** **Bsmt Gar # Cars:**

Remarks - (CA12 Notes)

DWELL ADDNS CA22

L#	Low	1st	2nd	3rd	Description	Area	Value(RCN)	Year Built	Eff Yr Built	Grade	CDU	%Good	Table	% Comp	RCNLD
0						1,148	209,640	1971		C-	AV		50		102,724
1		MST				32	576	1970		C-	AV		49		282
2		MST				32	576	1970		C-	AV		49		282
3		UTL				16	274	1970		C-	AV		49		134
4		UTL				16	274	1970		C-	AV		49		134
5		CS				56	302	1970		C-	AV		49		148
6		CS				56	302	1970		C-	AV		49		148

Nbhd Factor: 1.0000 ***Total:*** **103,852**

OB&Y CA22

L#	Code	Yr Blt	Eff Yr	Yr Remd	W x L	Area	Grd	Units	Mod Codes	Rate	Ovrd Rte	RCN	Cnd	Funct	%Cmp	%Gd	Tble%Gd	Func Dep	Econ Dep	Adj Fact	RCNLD
Total:																					

Dwelling Pricing Ladder

Adjusted Base		202783
Plumbing		4320
Basement		0
Heating		2537
Attic		0
Other features		0
Subtotal		209640
User Factor / CD %	1.000	
User Amount		0
Dwelling RCN		209640
Base Dwell RCNLD		102724
Additions		1128
Total RCNLD		103852
Nbhd Factor		1.0000
%complete		
Dwelling Value		103852
Condo base Value		
Condo Adj Value		

Cost Factors

Level Factor	100
Adjusted Area	1,148
Area Factor	0.716
Story Height Factor	1.620
Construct Factor	1.050
Grade Factor	0.900
Table % Good	49
Land Nbhd Factor	1.0000
Dwelling Nbhd Factor	1.0000

Nbhd	Class	Scrn	Column	Factor
G8D85	****	CA14	PRICE	1.0000
G8D85	****	CA21	ADJRCNLD	1.0000
********	****	CA24	ADJRCNLD	1.0000
********	****	CA31	BLDGVAL	1.0000
********	****	CA31	BLDGVAL	.9000
********	****	CA31	BLDGVAL	.9500
********	****	CA31	BLDGVAL	.9500
********	****	CA31	BLDGVAL	1.2000

Remarks - Most Recent (AA14)

Code	Date	Text
MAPP	19-APR-11	SPLIT PER MB55 PG360 FOR 1/1/2012 SHT 4/19/11
MN13	04-MAY-11	SPLIT FROM R04909-001-001-000 MOVED BLDG HERE PER SW 5/2/11 JD 5/4/11
MN13	22-JAN-13	PRMT RVW '13-NO VC, CLSD PRMTS PER SW 1/14/13; 1/22/13 CAF

Permit Information (CA15) x

Pmt#:	Amount:	Pmt Date:	Cert Date:	Purpose:	Notes:

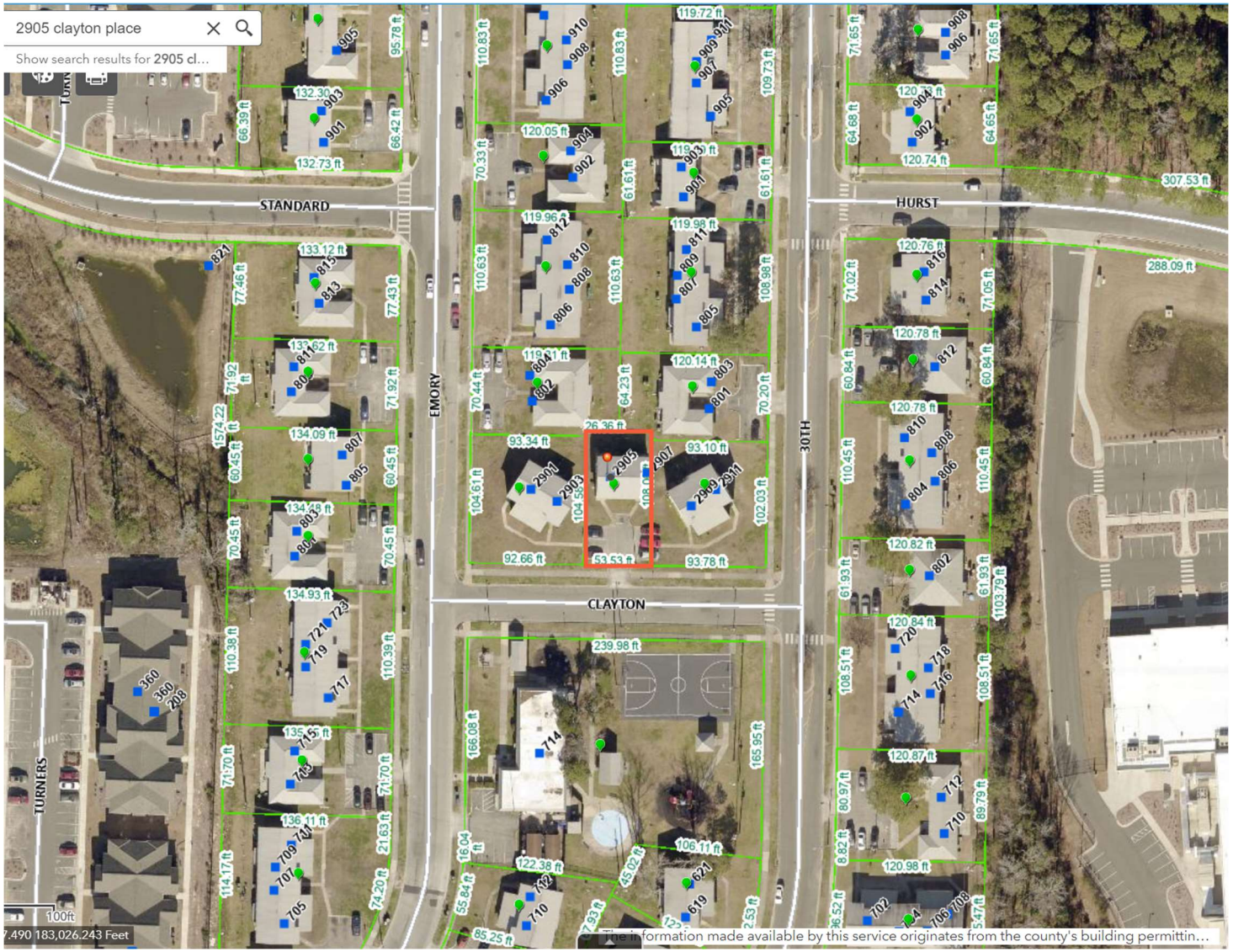
Sales History

Sale Date	Price	Adj Price	Sales Type	Db/Pg	Valid. Code

Photo:



Creekwood (14 Units), 2905 Clayton Place, Wilmington, NC 28405
New Hanover County Parcel Map



R04909-001-048-000 2023 *New Hanover County, NC - Property Card* Printed: 03/20/23 Card: 1 of 1 Appr#: Input Dte: ___/___/_____ ID:_____

Ownership & Legal Description:

2905 CLAYTON PL WILMINGTON

Owner: WILMINGTON HOUSING AUTHORIT\
PO BOX 899\
WILMINGTON NC 28402

Legal: LOT 43 CREEKWOOD SOUTH

Nbhd: G8D85 **Land Use:** 12

Assessment

Land	37,600	Oby		Exempt Code:	EX
Bldg	103,900	Class	CHR3	Exempt Amount:	141,500
Total	141,500	Taxable:		Routing:	033

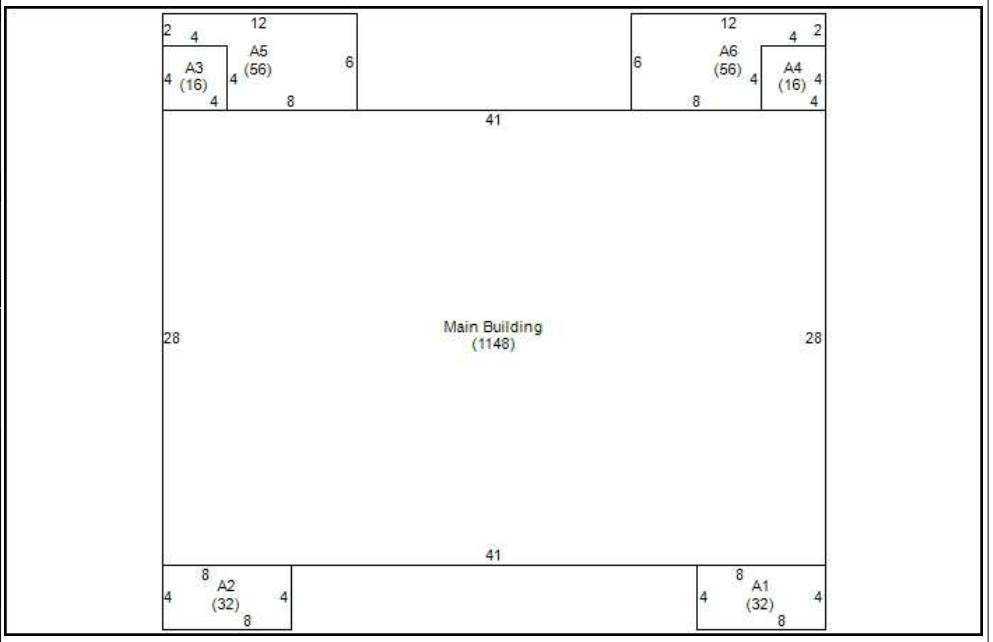
Land Description (CA12 and CA14):

Restr. 1/2/3: **Traffic:** Light\
Topo 1/2/3: Level With Street **Fronting:**\
Utils 1/2/3: Water/Sewer, Public **Location:**\
Road 1 /2: Residential Street **Zoning:** MF-M **Spot Loc:**

L#	Typ	Code	Unit	Rate	Incr	Decr	Depth	Fact	Nbhd	Infl Cd /Pct	Value
1	S	RES	5,783	3.5	1.25	1.25			1		37,604

Total Parcel Size: 5,783 0.1328 37,604

CA16: **Date:** 09/25/15 **Entr Rslt:** R **Spoke With:** A **Appr:** SW



Improvement Description (CA21):

Story Ht: 2 **Half Baths:** 2 **Int vs. Ext Cnd:** **Grade:** C- **C&D Factor:**\
Cnstr: Part Brick & Fran **Extra Fixtures:** 0 **Bldg Use Code:** **CDU:** AVERAGE **C&D Descrip:**\
Style: Duplex **Bsmt:** None **Masonry Trim:** **Market Adj:** **Funct Dep %**\
Yr Blt: 1970 **Heating:** Central With A/C **Unfin Area:** **Pct Cmplt:** **Funct Desc:**\
Eff Year: **Heating Fuel:** Electric **Rec Room:** 0 **SFLA:** 2296 **Econ Dep%:**\
Yr Remod: **System:** Heat Pump **Fin.Bsmt Area:** **Excavated** **Econ Desc:**\
% Remod: **Attic:** **WBFP Stacks:** **Pilings** **Over Depr Tbl:**\
Bedrms: 6 **Phys Cond:** **Prefab Stacks:** 0 **Concrete**\
Full Baths: 2 **Elevators** **Bsmt Gar # Cars:**

Remarks - (CA12 Notes)

DWELL ADDNS CA22

L#	Low	1st	2nd	3rd	Description	Area	Value(RCN)	Year Built	Eff Yr Built	Grade	CDU	%Good	Table	% Comp	RCNLD
0						1,148	209,640	1971		C-	AV		50		102,724
1		MST				32	576	1970		C-	AV		49		282
2		MST				32	576	1970		C-	AV		49		282
3		UTL				16	274	1970		C-	AV		49		134
4		UTL				16	274	1970		C-	AV		49		134
5		CS				56	302	1970		C-	AV		49		148
6		CS				56	302	1970		C-	AV		49		148

Nbhd Factor: 1.0000 ***Total:*** **103,852**

OB&Y CA22

L#	Code	Yr Blt	Eff Yr	Yr Remd	W x L	Area	Grd	Units	Mod Codes	Rate	Ovrd Rte	RCN	Cnd	Funct	%Cmp	%Gd	Tble%Gd	Func Dep	Econ Dep	Adj Fact	RCNLD

Total:

Dwelling Pricing Ladder

Adjusted Base		202783
Plumbing		4320
Basement		0
Heating		2537
Attic		0
Other features		0
Subtotal		209640
User Factor / CD %	1.000	
User Amount		0
Dwelling RCN		209640
Base Dwell RCNLD		102724
Additions		1128
Total RCNLD		103852
Nbhd Factor		1.0000
%complete		
Dwelling Value		103852
Condo base Value		
Condo Adj Value		

Cost Factors

Level Factor	100
Adjusted Area	1,148
Area Factor	0.716
Story Height Factor	1.620
Construct Factor	1.050
Grade Factor	0.900
Table % Good	49
Land Nbhd Factor	1.0000
Dwelling Nbhd Factor	1.0000

Nbhd	Class	Scrn	Column	Factor
G8D85	****	CA14	PRICE	1.0000
G8D85	****	CA21	ADJRCNLD	1.0000
********	****	CA24	ADJRCNLD	1.0000
********	****	CA31	BLDGVAL	1.0000
********	****	CA31	BLDGVAL	.9000
********	****	CA31	BLDGVAL	.9500
********	****	CA31	BLDGVAL	.9500
********	****	CA31	BLDGVAL	1.2000

Remarks - Most Recent (AA14)

Code	Date	Text
MAPP	19-APR-11	SPLIT PER MB55 PG360 FOR 1/1/2012 SHT 4/19/11
MN13	04-MAY-11	SPLIT FROM R04909-001-001-000 MOVED BLDG HERE PER SW 5/2/11 JD 5/4/11
MN13	14-OCT-11	CLSE PRMTS, NO VC PER SW 10/13/11,JW 10/14/11

Permit Information (CA15) x

Pmt#:	Amount:	Pmt Date:	Cert Date:	Purpose:	Notes:

Sales History

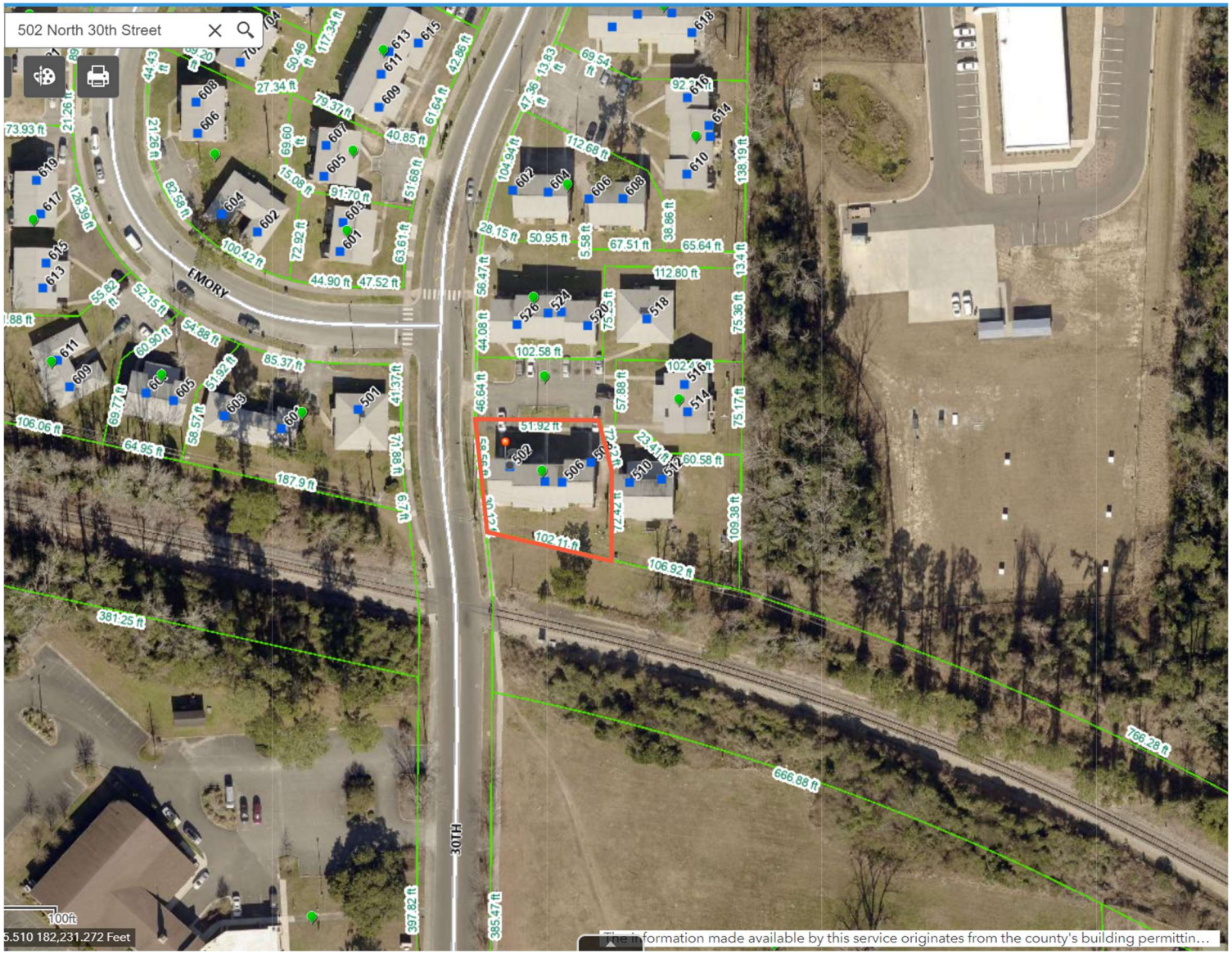
Sale Date	Price	Adj Price	Sales Type	Db/Pg	Valid. Code

Photo:



Creekwood South (6 Units) at
502, 522, 609, 611, 613 & 710 N. 30th St.,
Wilmington, NC 28405

Creekwood South (6 Units), 502 North 30th Street, Wilmington, NC 28405
New Hanover County Parcel Map



R04909-001-006-000 2023 *New Hanover County, NC - Property Card* Printed: 03/20/23 Card: 1 of 1 Appr#: Input Dte: ___/___/_____ ID:_____

Ownership & Legal Description:

502 N 30TH ST WILMINGTON

Owner: WILMINGTON HOUSING AUTHORIT
PO BOX 899
WILMINGTON NC 28402

Legal: LOT 1 CREEKWOOD SOUTH

Nbhd: G8D85 **Land Use:** 12

Assessment

Land	43,600	Oby		Exempt Code:	EX
Bldg	203,700	Class	CHR3	Exempt Amount:	247,300
Total	247,300	Taxable:		Routing:	075

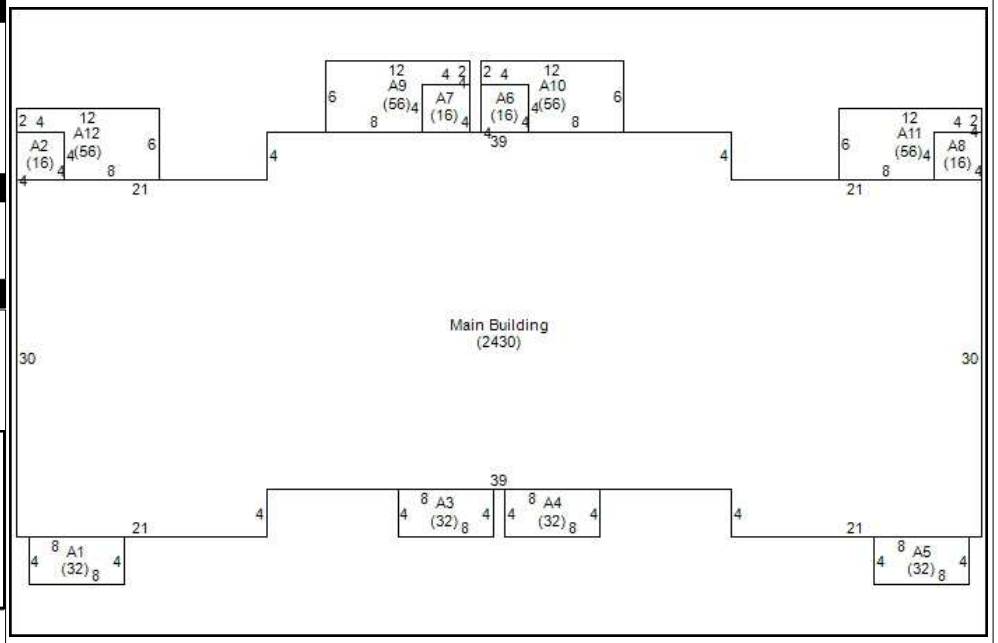
Land Description (CA12 and CA14):

Restr. 1/2/3: **Traffic:** Light
Topo 1/2/3: Level With Street **Fronting:**
Utils 1/2/3: Water/Sewer, Public **Location:**
Road 1 /2: Residential Street **Zoning:** MF-M **Spot Loc:**

L#	Typ	Code	Unit	Rate	Incr	Decr	Depth	Fact	Nbhd	Infl Cd /Pct	Value
1	S	RES	10,572	3.5	1.25	1.25			1		43,590

Total Parcel Size: 10,572 0.2427 43,590

CA16: **Date:** 09/24/15 **Entr Rslt:** R **Spoke With:** A **Appr:** SW



Improvement Description (CA21):

Story Ht: 2 **Half Baths:** 0 **Int vs. Ext Cnd:** **Grade:** C- **C&D Factor:**
Cnstr: Part Brick & Fran **Extra Fixtures:** 0 **Bldg Use Code:** **CDU:** AVERAGE **C&D Descrip:**
Style: Quadplex **Bsmt:** None **Masonry Trim:** **Market Adj:** **Funct Dep %**
Yr Blt: 1970 **Heating:** Central With A/C **Unfin Area:** **Pct Cmplt:** **Funct Desc:**
Eff Year: **Heating Fuel:** Electric **Rec Room:** 0 **SFLA:** 4860 **Econ Dep%:**
Yr Remod: **System:** Heat Pump **Fin.Bsmt Area:** **Excavated** **Econ Desc:**
% Remod: **Attic:** **WBFP Stacks:** **Pilings** **Over Depr Tbl:**
Bedrms: 12 **Phys Cond:** **Prefab Stacks:** 0 **Concrete**
Full Baths: 8 **Elevators** **Bsmt Gar # Cars:**

Remarks - (CA12 Notes)

DWELL ADDNS CA22

L#	Low	1st	2nd	3rd	Description	Area	Value(RCN)	Year Built	Eff Yr Built	Grade	CDU	%Good	Table	% Comp	RCNLD
0						2,430	411,154	1970		C-	AV		49		201,465
1		MST				32	576	1970		C-	AV		49		282
2		UTL				16	274	1970		C-	AV		49		134
3		MST				32	576	1970		C-	AV		49		282
4		MST				32	576	1970		C-	AV		49		282
5		MST				32	576	1970		C-	AV		49		282
6		UTL				16	274	1970		C-	AV		49		134
7		UTL				16	274	1970		C-	AV		49		134
8		UTL				16	274	1970		C-	AV		49		134

Continued on additional page... **Nbhd Factor:** 1.0000 ***Total:*** **203,721**

OB&Y CA22

L#	Code	Yr Blt	Eff Yr	Yr Remd	W x L	Area	Grd	Units	Mod Codes	Rate	Ovrd Rte	RCN	Cnd	Funct	%Cmp	%Gd	Tble%Gd	Func Dep	Econ Dep	Adj Fact	RCNLD

Total:

Dwelling Pricing Ladder

Adjusted Base		386874
Plumbing		19440
Basement		0
Heating		4840
Attic		0
Other features		0
Subtotal		411154
User Factor / CD %	1.000	
User Amount		0
Dwelling RCN		411154
Base Dwell RCNLD		201465
Additions		2256
Total RCNLD		203721
Nbhd Factor		1.0000
%complete		
Dwelling Value		203721
Condo base Value		
Condo Adj Value		

Cost Factors

Level Factor	100
Adjusted Area	2,430
Area Factor	1.366
Story Height Factor	1.620
Construct Factor	1.050
Grade Factor	0.900
Table % Good	49
Land Nbhd Factor	1.0000
Dwelling Nbhd Factor	1.0000

Nbhd	Class	Scrn	Column	Factor
G8D85	****	CA14	PRICE	1.0000
G8D85	****	CA21	ADJRCNLD	1.0000
********	****	CA24	ADJRCNLD	1.0000
********	****	CA31	BLDGVAL	1.0000
********	****	CA31	BLDGVAL	.9000
********	****	CA31	BLDGVAL	.9500
********	****	CA31	BLDGVAL	.9500
********	****	CA31	BLDGVAL	1.2000

Remarks - Most Recent (AA14)

Code	Date	Text
MAPP	18-APR-11	SPLIT PER MB55 PG360 FOR 1/1/2012 SHT 4/18/11
MN13	03-MAY-11	SPLIT FROM R04909-002-003-000 MOVE BLDG HERE PER SW 5/2/11 JD 5/3/11
MN13	14-OCT-11	CLSE PRMTS, NO VC . PER SW 10/13/11,JW 10/14/11

Permit Information (CA15) x

Pmt#:	Amount:	Pmt Date:	Cert Date:	Purpose:	Notes:

Sales History

Sale Date	Price	Adj Price	Sales Type	Db/Pg	Valid. Code

Photo:



ADDITIONS - CONTINUED....

L#	Low	1st	2nd	3rd	Description	Area	Value(RCN)	Year Built	Eff Yr Built	Grade	CDU	%Good	Table	% Comp	RCNLD
9		CS				56	302	1970		C-	AV		49		148
10		CS				56	302	1970		C-	AV		49		148
11		CS				56	302	1970		C-	AV		49		148
12		CS				56	302	1970		C-	AV		49		148

Creekwood South (6 Units), 522 North 30th Street, Wilmington, NC 28405
New Hanover County Parcel Map



R04909-001-009-000 2023 *New Hanover County, NC - Property Card* Printed: 03/20/23 Card: 1 of 1 Appr#: Input Dte: ___/___/_____ ID:_____

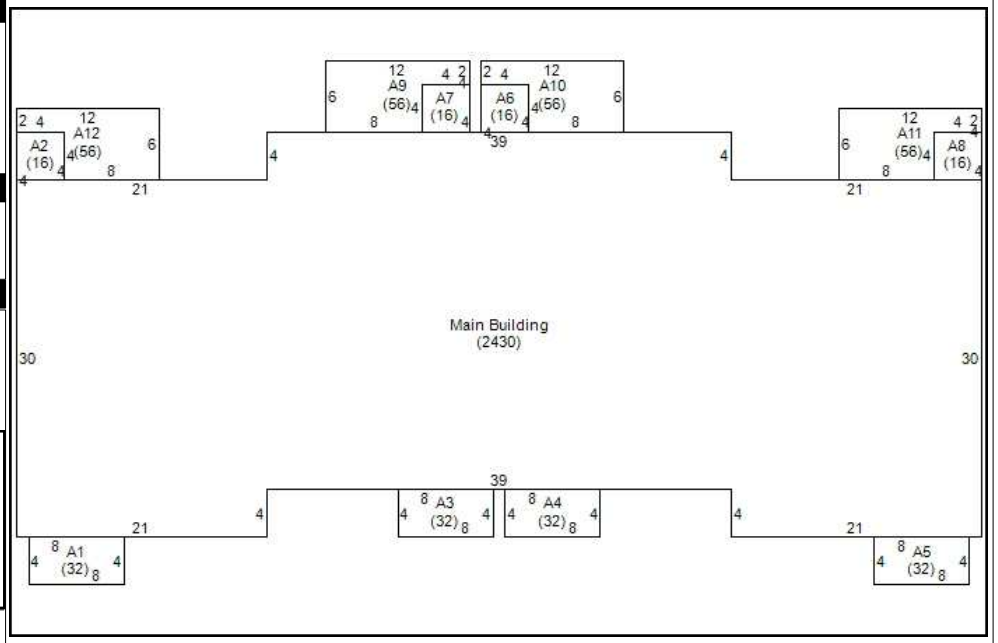
Ownership & Legal Description:

520 N 30TH ST WILMINGTON

Owner: WILMINGTON HOUSING AUTHORIT
PO BOX 899
WILMINGTON NC 28402

Legal: LOT 3 CREEKWOOD SOUTH

Nbhd: G8D85 **Land Use:** 12



Assessment

Land	44,300	Oby		Exempt Code:	EX
Bldg	203,700	Class	CHR3	Exempt Amount:	248,000
Total	248,000	Taxable:		Routing:	072

Land Description (CA12 and CA14):

Restr. 1/2/3: **Traffic:** Light
Topo 1/2/3: Level With Street **Fronting:**
Utils 1/2/3: Water/Sewer, Public **Location:**
Road 1 /2: Residential Street **Zoning:** MF-M **Spot Loc:**

L#	Typ	Code	Unit	Rate	Incr	Decr	Depth	Fact	Nbhd	Infl Cd /Pct	Value
1	S	RES	11,145	3.5	1.25	1.25			1		44,306

Total Parcel Size: 11,145 0.2559 44,306

CA16: **Date:** 09/24/15 **Entr Rslt:** R **Spoke With:** A **Appr:** SW

Improvement Description (CA21):

Story Ht: 2
Cnstr: Part Brick & Fran
Style: Quadplex
Yr Blt: 1970
Eff Year:
Yr Remod:
% Remod:
Bedrms: 12
Full Baths: 8
Half Baths: 0
Extra Fixtures: 0
Bsmt: None
Heating: Central With A/C
Heating Fuel: Electric
System: Heat Pump
Attic:
Phys Cond:
Elevators
Int vs. Ext Cnd:
Bldg Use Code:
Masonry Trim:
Unfin Area:
Rec Room: 0
Fin.Bsmt Area:
WBFP Stacks:
Prefab Stacks: 0
Bsmt Gar # Cars:
Grade: C-
CDU: AVERAGE
Market Adj:
Pct Cmplt:
SFLA: 4860
Excavated
Pilings
Concrete
C&D Factor:
C&D Descrip:
Funct Dep %
Funct Desc:
Econ Dep%:
Econ Desc:
Over Depr Tbl:

Remarks - (CA12 Notes)

DWELL ADDNS CA22

L#	Low	1st	2nd	3rd	Description	Area	Value(RCN)	Year Built	Eff Yr Built	Grade	CDU	%Good	Table	% Comp	RCNLD
0						2,430	411,154	1971		C-	AV		50		201,465
1		MST				32	576	1970		C-	AV		49		282
2		UTL				16	274	1970		C-	AV		49		134
3		MST				32	576	1970		C-	AV		49		282
4		MST				32	576	1970		C-	AV		49		282
5		MST				32	576	1970		C-	AV		49		282
6		UTL				16	274	1970		C-	AV		49		134
7		UTL				16	274	1970		C-	AV		49		134
8		UTL				16	274	1970		C-	AV		49		134

Continued on additional page... **Nbhd Factor:** 1.0000 ***Total:*** **203,721**

OB&Y CA22

L#	Code	Yr Blt	Eff Yr	Yr Remd	W x L	Area	Grd	Units	Mod Codes	Rate	Ovrd Rte	RCN	Cnd	Funct	%Cmp	%Gd	Tble%Gd	Func Dep	Econ Dep	Adj Fact	RCNLD

Total:

Dwelling Pricing Ladder

Adjusted Base		386874
Plumbing		19440
Basement		0
Heating		4840
Attic		0
Other features		0
Subtotal		411154
User Factor / CD %	1.000	
User Amount		0
Dwelling RCN		411154
Base Dwell RCNLD		201465
Additions		2256
Total RCNLD		203721
Nbhd Factor		1.0000
%complete		
Dwelling Value		203721
Condo base Value		
Condo Adj Value		

Cost Factors

Level Factor	100
Adjusted Area	2,430
Area Factor	1.366
Story Height Factor	1.620
Construct Factor	1.050
Grade Factor	0.900
Table % Good	49
Land Nbhd Factor	1.0000
Dwelling Nbhd Factor	1.0000

Nbhd	Class	Scrn	Column	Factor
G8D85	****	CA14	PRICE	1.0000
G8D85	****	CA21	ADJRCNLD	1.0000
********	****	CA24	ADJRCNLD	1.0000
********	****	CA31	BLDGVAL	1.0000
********	****	CA31	BLDGVAL	.9000
********	****	CA31	BLDGVAL	.9500
********	****	CA31	BLDGVAL	.9500
********	****	CA31	BLDGVAL	1.2000

Remarks - Most Recent (AA14)

Code	Date	Text
MAPP	18-APR-11	SPLIT PER MB55 PG360 FOR 1/1/2012 SHT 4/17/11
MN13	03-MAY-11	SPLIT FROM R04909-002-003-000 MOVE BLDG HERE PER SW 5/2/11 JD 5/3/11
MN13	14-OCT-11	CLSE PRMTS, NO VC PER SW 10/13/11,JW 10/14/11

Permit Information (CA15) x

Pmt#:	Amount:	Pmt Date:	Cert Date:	Purpose:	Notes:

Sales History

Sale Date	Price	Adj Price	Sales Type	Db/Pg	Valid. Code

Photo:



ADDITIONS - CONTINUED....

L#	Low	1st	2nd	3rd	Description	Area	Value(RCN)	Year Built	Eff Yr Built	Grade	CDU	%Good	Table	% Comp	RCNLD
9		CS				56	302	1970		C-	AV		49		148
10		CS				56	302	1970		C-	AV		49		148
11		CS				56	302	1970		C-	AV		49		148
12		CS				56	302	1970		C-	AV		49		148

Creekwood South (6 Units), 609, 611 & 613 N. 30th Street, Wilmington, NC 28405
New Hanover County Parcel Map



R04909-001-041-000 2023 *New Hanover County, NC - Property Card* Printed: 04/26/23 Card: 1 of 1 Appr#: Input Dte: ___/___/_____ ID:_____

Ownership & Legal Description:

609 N 30TH ST WILMINGTON

Owner: WILMINGTON HOUSING AUTHORIT\
PO BOX 899\
WILMINGTON NC 28402

Legal: LOT 36 CREEKWOOD SOUTH

Nbhd: G8D85 **Land Use:** 12

Assessment

Land	46,600	Oby		Exempt Code:	EX
Bldg	238,100	Class	CHR3	Exempt Amount:	284,700
Total	284,700	Taxable:		Routing:	041

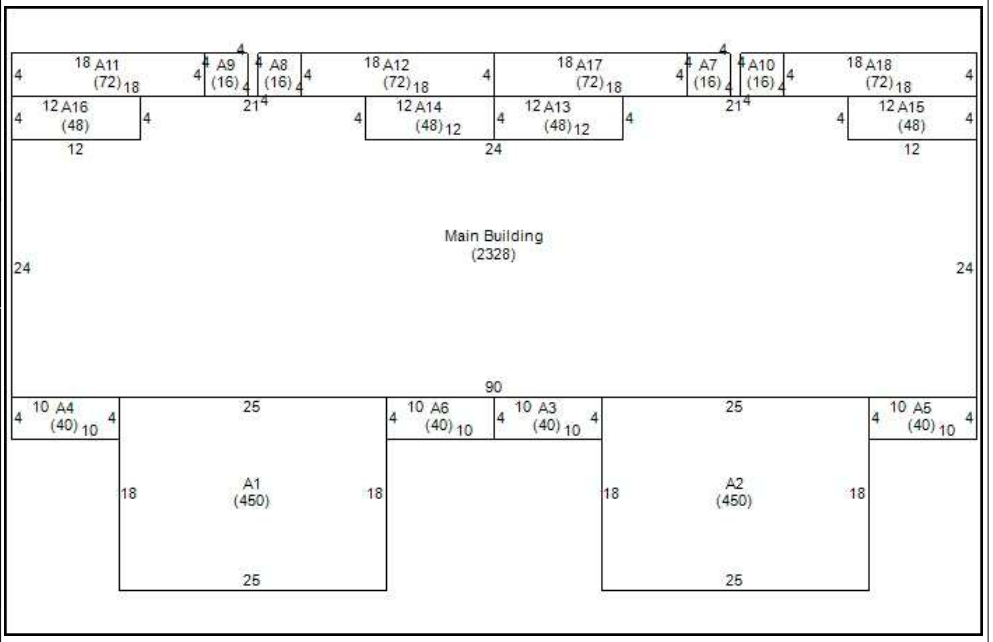
Land Description (CA12 and CA14):

Restr. 1/2/3: **Traffic:** Light\
Topo 1/2/3: Level With Street **Fronting:**\
Utils 1/2/3: Water/Sewer, Public **Location:**\
Road 1 /2: Residential Street **Zoning:** MF-M **Spot Loc:**

L#	Typ	Code	Unit	Rate	Incr	Decr	Depth	Fact	Nbhd	Infl Cd /Pct	Value
1	S	RES	12,941	3.5	1.25	1.25			1		46,551

Total Parcel Size: 12,941 0.2971 46,551

CA16: **Date:** 09/25/15 **Entr Rslt:** R **Spoke With:** A **Appr:** SW



Improvement Description (CA21):

Story Ht: 2 **Half Baths:** 0 **Int vs. Ext Cnd:** **Grade:** C- **C&D Factor:**\
Cnstr: Part Brick & Fran **Extra Fixtures:** 0 **Bldg Use Code:** **CDU:** AVERAGE **C&D Descrip:**\
Style: Quadplex **Bsmt:** None **Masonry Trim:** **Market Adj:** **Funct Dep %**\
Yr Blt: 1970 **Heating:** Central With A/C **Unfin Area:** **Pct Cmplt:** **Funct Desc:**\
Eff Year: **Heating Fuel:** Electric **Rec Room:** 0 **SFLA:** 5908 **Econ Dep%:**\
Yr Remod: **System:** Heat Pump **Fin.Bsmt Area:** **Excavated** **Econ Desc:**\
% Remod: **Attic:** **WBFP Stacks:** **Pilings** **Over Depr Tbl:**\
Bedrms: 16 **Phys Cond:** **Prefab Stacks:** 0 **Concrete**\
Full Baths: 8 **Elevators** **Bsmt Gar # Cars:**

Remarks - (CA12 Notes)

DWELL ADDNS CA22

L#	Low	1st	2nd	3rd	Description	Area	Value(RCN)	Year Built	Eff Yr Built	Grade	CDU	%Good	Table	% Comp	RCNLD
0						2,328	396,816	1971		C-	AV		50		194,440
1		BAS				450	28,350	1971		C-	AV		50		14,175
2		BAS				450	28,350	1971		C-	AV		50		14,175
3		POR	BAS			40	3,240	1970		C-	AV		49		1,588
4		POR	BAS			40	3,240	1970		C-	AV		49		1,588
5		POR	BAS			40	3,240	1970		C-	AV		49		1,588
6		POR	BAS			40	3,240	1970		C-	AV		49		1,588
7		UTL				16	274	1970		C-	AV		49		134
8		UTL				16	274	1970		C-	AV		49		134

Continued on additional page... **Nbhd Factor:** 1.0000 ***Total:*** **238,062**

OB&Y CA22

L#	Code	Yr Blt	Eff Yr	Yr Remd	W x L	Area	Grd	Units	Mod Codes	Rate	Ovrd Rte	RCN	Cnd	Funct	%Cmp	%Gd	Tble%Gd	Func Dep	Econ Dep	Adj Fact	RCNLD

Total:

Dwelling Pricing Ladder

Adjusted Base		372713
Plumbing		19440
Basement		0
Heating		4663
Attic		0
Other features		0
Subtotal		396816
User Factor / CD %	1.000	
User Amount		0
Dwelling RCN		396816
Base Dwell RCNLD		194440
Additions		43622
Total RCNLD		238062
Nbhd Factor		1.0000
%complete		
Dwelling Value		238062
Condo base Value		
Condo Adj Value		

Cost Factors

Level Factor	100
Adjusted Area	2,328
Area Factor	1.316
Story Height Factor	1.620
Construct Factor	1.050
Grade Factor	0.900
Table % Good	49
Land Nbhd Factor	1.0000
Dwelling Nbhd Factor	1.0000

Nbhd	Class	Scrn	Column	Factor
G8D85	****	CA14	PRICE	1.0000
G8D85	****	CA21	ADJRCNLD	1.0000
********	****	CA24	ADJRCNLD	1.0000
********	****	CA31	BLDGVAL	1.0000
********	****	CA31	BLDGVAL	.9000
********	****	CA31	BLDGVAL	.9500
********	****	CA31	BLDGVAL	.9500
********	****	CA31	BLDGVAL	1.2000

Remarks - Most Recent (AA14)

Code	Date	Text
MAPP	19-APR-11	SPLIT PER MB55 PG360 FOR 1/1/2012 SHT 4/19/11
MN13	04-MAY-11	SPLIT FROM R04909-001-001-000 MOVED BLDG HERE PER SW 5/2/11 JD 5/4/11
MN13	18-JAN-13	PRMT RVW '13-NO VC, CLSD ALL PRMTS PER SW 1/14/13; 1/18/13 CAF
MN13	23-JAN-12	CK BK '13 ON ALL PERMIT WORK PER SW 1/23/12 JD

Permit Information (CA15) x

Pmt#:	Amount:	Pmt Date:	Cert Date:	Purpose:	Notes:

Sales History

Sale Date	Price	Adj Price	Sales Type	Db/Pg	Valid. Code

Photo:



ADDITIONS - CONTINUED....

L#	Low	1st	2nd	3rd	Description	Area	Value(RCN)	Year Built	Eff Yr Built	Grade	CDU	%Good	Table	% Comp	RCNLD
9		UTL				16	274	1970		C-	AV		49		134
10		UTL				16	274	1970		C-	AV		49		134
11		CS				72	389	1970		C-	AV		49		191
12		CS				72	389	1970		C-	AV		49		191
13		POR	BAS			48	3,888	1970		C-	AV		49		1,905
14		POR	BAS			48	3,888	1970		C-	AV		49		1,905
15		POR	BAS			48	3,888	1970		C-	AV		49		1,905
16		POR	BAS			48	3,888	1970		C-	AV		49		1,905
17		CS				72	389	1970		C-	AV		49		191
18		CS				72	389	1970		C-	AV		49		191

Creekwood South (6 Units), 710 North 30th Street, Wilmington, NC
28405 New Hanover County Parcel Map



R04909-001-014-000 2023 *New Hanover County, NC - Property Card* Printed: 04/26/23 Card: 1 of 1 Appr#: Input Dte: ___/___/_____ ID:_____

Ownership & Legal Description:

710 N 30TH ST WILMINGTON

Owner: WILMINGTON HOUSING AUTHORIT\
PO BOX 899\
WILMINGTON NC 28402

Legal:
LOT 9 CREEKWOOD SOUTH

Nbhd: G8D85 **Land Use:** 12

Assessment

Land	44,000	Oby		Exempt Code:	EX
Bldg	90,700	Class	CHR3	Exempt Amount:	134,700
Total	134,700	Taxable:		Routing:	067

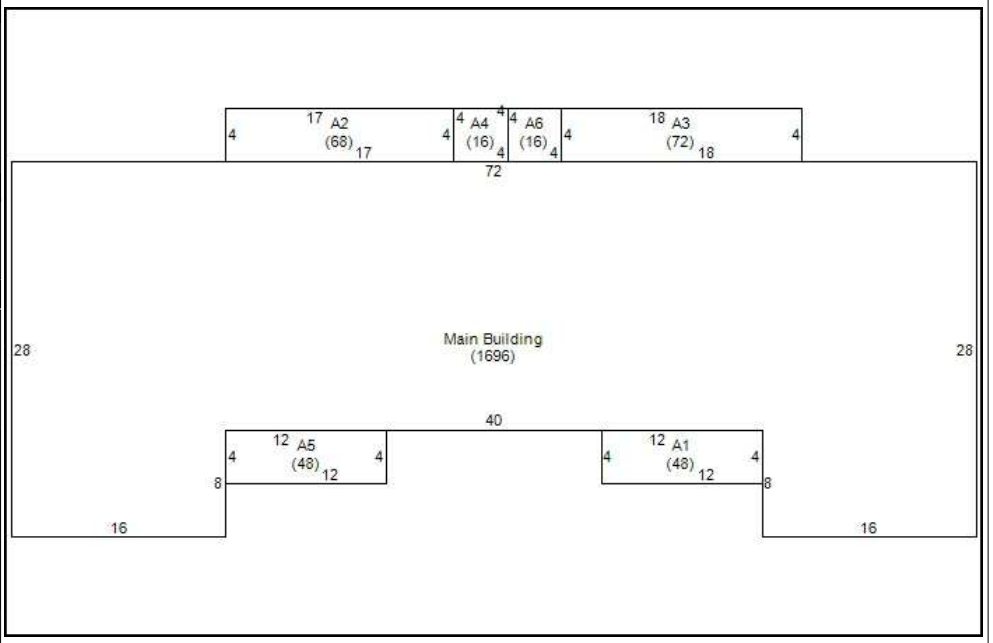
Land Description (CA12 and CA14):

Restr. 1/2/3: **Traffic:** Light
Topo 1/2/3: Level With Street **Fronting:**
Utils 1/2/3: Water/Sewer, Public **Location:**
Road 1 /2: Residential Street **Zoning:** MF-M **Spot Loc:**

L#	Typ	Code	Unit	Rate	Incr	Decr	Depth	Fact	Nbhd	Infl Cd /Pct	Value
1	S	RES	10,861	3.5	1.25	1.25			1		43,951

Total Parcel Size: 10,861 0.2493 43,951

CA16: **Date:** 09/24/15 **Entr Rslt:** R **Spoke With:** A **Appr:** SW



Improvement Description (CA21):

Story Ht:	1	**Half Baths:**	0	**Int vs. Ext Cnd:**		**Grade:**	C-
Cnstr:	Brick	**Extra Fixtures:**	0	**Bldg Use Code:**		**CDU:**	AVERAGE
Style:	Duplex	**Bsmt:**	None	**Masonry Trim:**		**Market Adj:**	
Yr Blt:	1970	**Heating:**	Central With A/C	**Unfin Area:**		**Pct Cmplt:**	
Eff Year:		**Heating Fuel:**	Electric	**Rec Room:**	0	**SFLA:**	1696
Yr Remod:		**System:**	Heat Pump	**Fin.Bsmt Area:**		**Excavated**	
% Remod:		**Attic:**		**WBFP Stacks:**		**Pilings**	
Bedrms:	4	**Phys Cond:**		**Prefab Stacks:**	0	**Concrete**	
Full Baths:	2	**Elevators**		**Bsmt Gar # Cars:**			

C&D Factor:
C&D Descrip:
Funct Dep %
Funct Desc:
Econ Dep%:
Econ Desc:
Over Depr Tbl:

Remarks - (CA12 Notes)

DWELL ADDNS CA22

L#	Low	1st	2nd	3rd	Description	Area	Value(RCN)	Year Built	Eff Yr Built	Grade	CDU	%Good	Table	% Comp	RCNLD
0						1,696	183,305	1971		C-	AV		50		89,819
1		CS				48	259	1970		C-	AV		49		127
2		CS				68	367	1970		C-	AV		49		180
3		CS				72	389	1970		C-	AV		49		191
4		UTL				16	274	1970		C-	AV		49		134
5		CS				48	259	1970		C-	AV		49		127
6		UTL				16	274	1970		C-	AV		49		134

Nbhd Factor: 1.0000 ***Total:*** **90,712**

OB&Y CA22

L#	Code	Yr Blt	Eff Yr	Yr Remd	W x L	Area	Grd	Units	Mod Codes	Rate	Ovrd Rte	RCN	Cnd	Funct	%Cmp	%Gd	Tble%Gd	Func Dep	Econ Dep	Adj Fact	RCNLD

Total:

Dwelling Pricing Ladder

Adjusted Base		181122
Plumbing		0
Basement		0
Heating		2183
Attic		0
Other features		0
Subtotal		183305
User Factor / CD %	1.000	
User Amount		0
Dwelling RCN		183305
Base Dwell RCNLD		89819
Additions		893
Total RCNLD		90712
Nbhd Factor		1.0000
%complete		
Dwelling Value		90712
Condo base Value		
Condo Adj Value		

Cost Factors

Level Factor	100
Adjusted Area	1,696
Area Factor	0.998
Story Height Factor	1.000
Construct Factor	1.090
Grade Factor	0.900
Table % Good	49
Land Nbhd Factor	1.0000
Dwelling Nbhd Factor	1.0000

Nbhd	Class	Scrn	Column	Factor
G8D85	****	CA14	PRICE	1.0000
G8D85	****	CA21	ADJRCNLD	1.0000
********	****	CA24	ADJRCNLD	1.0000
********	****	CA31	BLDGVAL	1.0000
********	****	CA31	BLDGVAL	.9000
********	****	CA31	BLDGVAL	.9500
********	****	CA31	BLDGVAL	.9500
********	****	CA31	BLDGVAL	1.2000

Remarks - Most Recent (AA14)

Code	Date	Text
MAPP	18-APR-11	SPLIT PER MB55 PG360 FOR 1/1.2012 SHT 4/18/11
MN13	03-MAY-11	SPLIT FROM R04909-002-003-000 MOVE BLDG HERE PER SW 5/2/11 JD 5/3/11
MN13	14-OCT-11	CLSE PRMTS, NO VC PER SW 10/13/11,JW 10/14/11

Permit Information (CA15) x

Pmt#:	Amount:	Pmt Date:	Cert Date:	Purpose:	Notes:
FIRE	$5,000	01/24/23		FIRE	712 N 30TH BUILDING FIRE NO DETAILS

Sales History

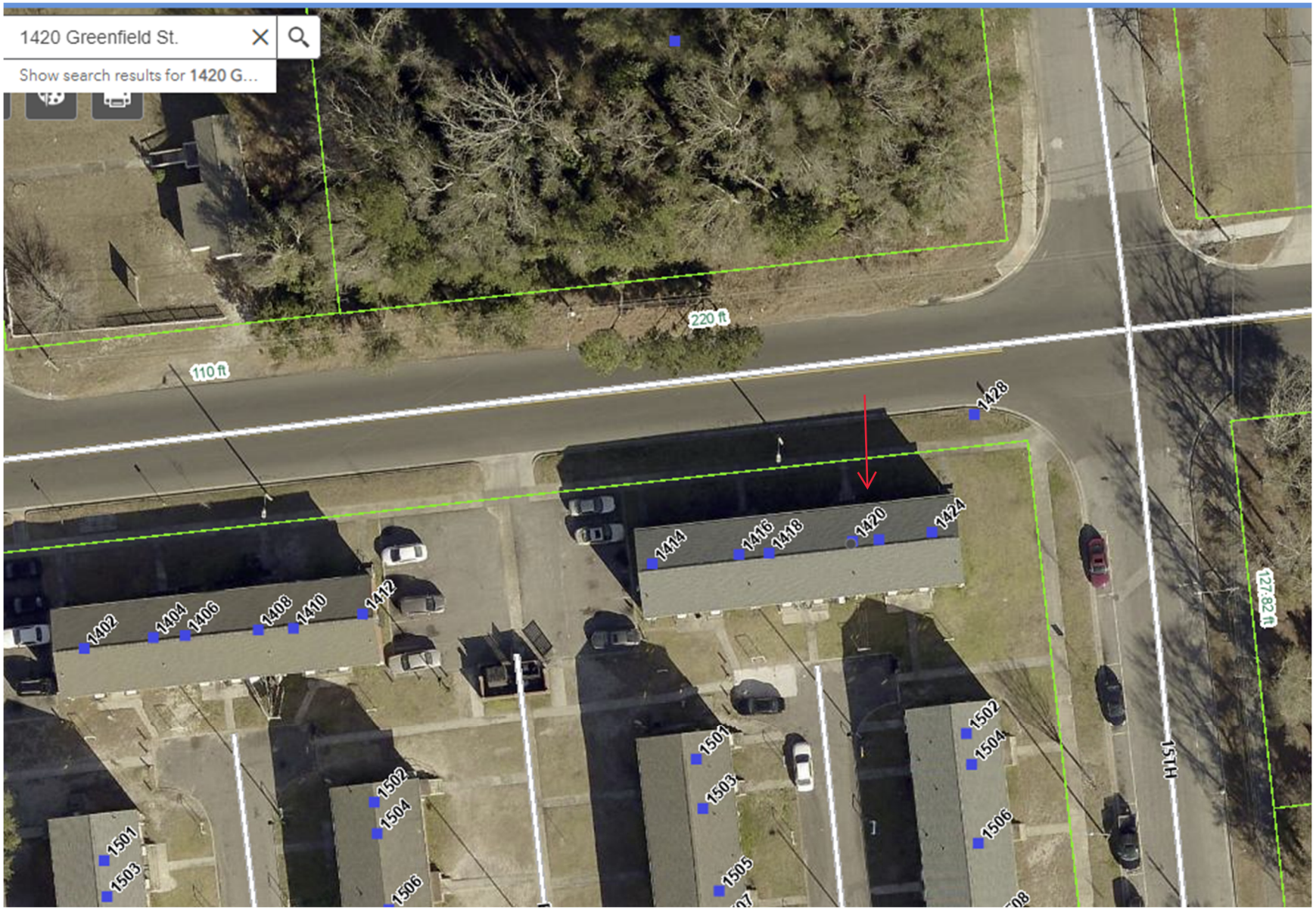
Sale Date	Price	Adj Price	Sales Type	Db/Pg	Valid. Code

Photo:



Houston Moore (1 Unit) at
1420 Greenfield St., Wilmington, NC
28405

Houston Moore (1 Unit), 1420 Greenfield Street, Wilmington, NC 28405
New Hanover County Parcel Map



Houston Moore (1 Unit), 1420 Greenfield Street, Wilmington, NC 28405
New Hanover County Parcel Map



R05418-005-001-000 2023 *New Hanover County, NC - Property Card* Printed: 03/20/23 Card: 1 of 19 Appr#: Input Dte: ___/___/_____ ID:_____

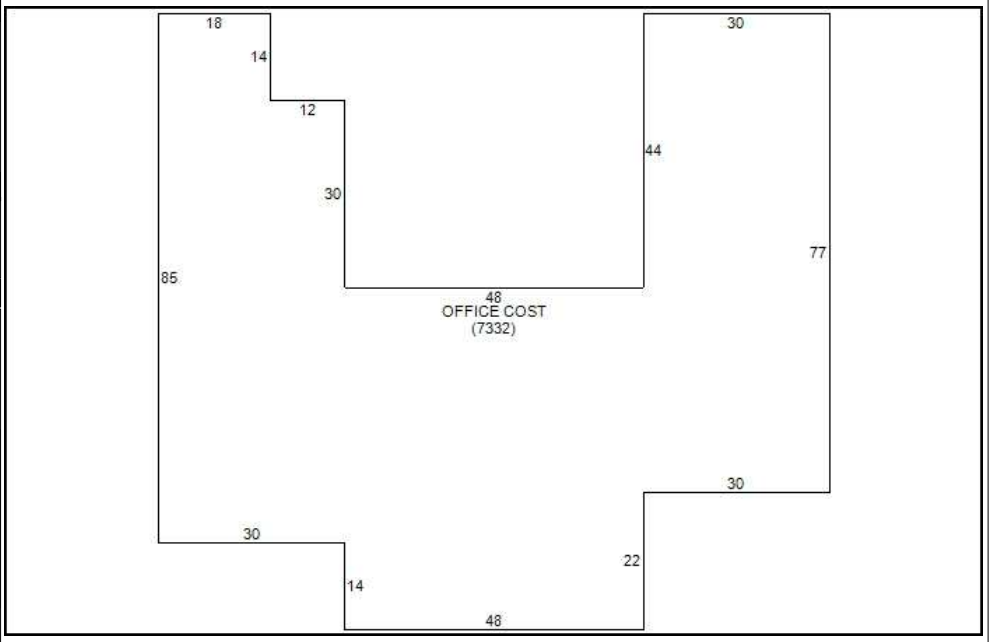
Ownership & Legal Description:

1601 S 13TH ST WILMINGTON

Owner: WILMINGTON HOUSING AUTHORIT\
PO BOX 899\
WILMINGTON NC 28402

Legal: TRACT FRENCH PROPERTY

Nbhd: CHC03 **Land Use:** 12



Assessment

Land	634,300	Oby	4,100	Exempt Code:	EX
Bldg	6,565,100	Class	CHR3	Exempt Amount:	7,199,400
Total	7,199,400	Taxable:		Routing:	012

Land Description (CA12 and CA14):

Restr. 1/2/3: **Traffic:** Light\
Topo 1/2/3: Level With Street **Fronting:**\
Utils 1/2/3: Water/Sewer, Public **Location:**\
Road 1 /2: Residential Street **Zoning:** MF-M **Spot Loc:**

L#	Typ	Code	Unit	Rate	Incr	Decr	Depth	Fact	Nbhd	Infl Cd /Pct	Value
1	A	COA	8.3926	75000	35000	72000			1		634,267
Total Parcel Size:			365,582		8.3926						634,267

CA16: **Date:** 01/11/22 **Entr Rslt:** 6 **Spoke With:** A **Appr:** AP

Improvement Description (CA21):

Story Ht:	**Half Baths:**	**Int vs. Ext Cnd:**	**Grade:**	C	**C&D Factor:**
Cnstr:	**Extra Fixtures:**	**Bldg Use Code:**	**CDU:**	AVERAGE	**C&D Descrip:**
Style:	**Bsmt:**	**Masonry Trim:**	**Market Adj:**		**Funct Dep %**
Yr Blt:	**Heating:**	**Unfin Area:**	**Pct Cmplt:**		**Funct Desc:**
Eff Year:	**Heating Fuel:**	**Rec Room:**	**SFLA:**		**Econ Dep%:**
Yr Remod:	**System:**	**Fin.Bsmt Area:**	**Excavated**		**Econ Desc:**
% Remod:	**Attic:**	**WBFP Stacks:**	**Pilings**		**Over Depr Tbl:**
Bedrms:	**Phys Cond:**	**Prefab Stacks:**	**Concrete**		
Full Baths:	**Elevators**	**Bsmt Gar # Cars:**			

Remarks - (CA12 Notes)

HOUSTON MOORE

DWELL ADDNS CA22

L#	Low	1st	2nd	3rd	Description	Area	Value(RCN)	Year Built	Eff Yr Built	Grade	CDU	%Good	Table	% Comp	RCNLD

Nbhd Factor: 1.0000 ***Total:***

OB&Y CA22

L#	Code	Yr Blt	Eff Yr	Yr Remd	W x L	Area	Grd	Units	Mod Codes	Rate	Ovrd Rte	RCN	Cnd	Funct	%Cmp	%Gd	Tble%Gd	Func Dep	Econ Dep	Adj Fact	RCNLD
2	CS	1960			130 x 10	1,300	C	1		6.00		7,800					20			1	1,560
4	CAN	2000			24 x 28	672	D	1		18.75		12,600					20			1	2,520

Total: **4,080**

Dwelling Pricing Ladder

Adjusted Base	
Plumbing	
Basement	
Heating	
Attic	
Other features	0
Subtotal	
User Factor / CD %	
User Amount	
Dwelling RCN	
Base Dwell RCNLD	
Additions	
Total RCNLD	
Nbhd Factor	
%complete	
Dwelling Value	
Condo base Value	
Condo Adj Value	

Cost Factors

Level Factor	100
Adjusted Area	
Area Factor	0.022
Story Height Factor	1.000
Construct Factor	1.000
Grade Factor	
Table % Good	
Land Nbhd Factor	1.0000
Dwelling Nbhd Factor	1.0000

Nbhd	Class	Scrn	Column	Factor
********	****	CA24	ADJRCNLD	1.0000
********	****	CA31	BLDGVAL	1.0000
********	****	CA31	BLDGVAL	.9000
********	****	CA31	BLDGVAL	.9500
********	****	CA31	BLDGVAL	.9500
********	****	CA31	BLDGVAL	1.2000
********	****	CA31	BLDGVAL	.8000
********	****	CA31	BLDGVAL	.7500

Remarks - Most Recent (AA14)

Code	Date	Text
MN13	24-SEP-05	NO CHANGE IN VALUE ON PERMIT
MN13	24-SEP-05	PERMIT # 58312 HAS ADDRESS OF1601 S. 13TH ST
MN13	24-SEP-05	MOVED PERMIT #10904 TO R5414-22-1, NO VC CLOSED PERMIT
MN13	24-SEP-05	#13681 PER CB 4/7/03 LJ
MN13	24-SEP-05	NO VC-CLOSED PERMIT #13203, REPAIRED FIRE DAMAGE PER CB
MN13	24-SEP-05	2/18/04 LJ
MN13	23-MAR-09	CLOSE PERMIT NO VC FOR WORK PER BL 3/18/09 JD
MN13	28-DEC-22	NVC ALL 2022 PERMITS PLAN DEPT'100% COMPLET-NO CHNG TO BLD FTPRNTS 12/28/22 BTJ
MN13	01-MAR-13	CLOSE MULI PERMITS, UPDATE CARDS EFF AGE, CARDS 2-19 STYHGT,ADD OBYS JH 3/1/13
MN13	14-FEB-14	CK BK '15 ON PERMIT WORK PER TG 2/14/14 JD
MN13	16-SEP-14	CK BK '16 ON PERMIT #13-9793 PER SS 9/16/14 MC
MN13	09-OCT-18	CLOSE PERMIT NO VC PER ED 10/9/18 JD
MN13	14-DEC-20	CLOSE PERMIT NO VC PER BB 12/3/2020 JD
MN13	24-JAN-22	CK BK 23 PER AP 1/11/22

Permit Information (CA15) x

Pmt#:	Amount:	Pmt Date:	Cert Date:	Purpose:	Notes:
FIRE	$10,000	01/12/23		FIRE	BUILDING FIRE NO DETAILS

Sales History

Sale Date	Price	Adj Price	Sales Type	Db/Pg	Valid. Code
04/27/18			I	6137/1528	
01/01/01			V	0000/0000	Unqualified

Photo:



ATTACHMENT 1A:

Site Visit Photographs

Woodbridge Apartments (20 Units) at 302 Grass Lane, Wilmington, NC 28405 (Unit #s 101-110, 201-205, 207 & 209-212)

Woodbridge Apts - Site Visit Photos



1 - View of Grass Lane affording access to southwestern portion



2 - View of multi-family structure



3 - View of associated parking area followed by vegetation (western adjoining)



4 - View of entrance to gutted space



5 - View of gutted space



6 - View of interior of vacant tenant space



7 - View of bathroom



8 - View of termite damage



9 - View of popcorn ceiling



10 - View of suspect mold



11 - View of 12x12 floor tiles



12 - View of electrical HVAC



13 - View of pad-mounted transformer (non-PCB)



14 - View of playground area on northern portion followed by residential development (northern adjoining)



15 - View of vegetation along eastern boundary (eastern adjoining property)



16 - View of southern adjoining stormwater basin



17 - View of southern adjoining road

Creekwood (14 Units) at
602, 712, 804, 805, 809 & 1008 N. 30th St.,
617, 701, 707, 708, 902, 915 & 922 Emory St.,
and 2905 Clayton Place, Wilmington, NC
28405

Creekwood South (6 Units) at
502, 522, 609, 611, 613 & 710 N. 30th St.,
Wilmington, NC 28405

Creekwood/Creekwood South - Site Visit Photos



1 - View of N 30th Street affording access to southern portion



2 - View of southeastern portion



3 - View of handicap accessible flat



4 - View of two story unit



5 - View of remodeled vacant tenant space



6 - View of remodeled vacant tenant space



7 - View of partially gutted vacant tenant space



8 - View of hallway in vacant tenant space



9 - View of household debris observed inside vacant tenant space



10 - View of restroom in vacant tenant space



11 - View of entrance to community center



12 - View of learning space in community center



13 - View of laundry room in community center



14 - View of trash cans



15 - View of one foot by one foot floor tiles



16 - View of storm drain



17 - View of playground east of the community center



18 - View of electrical HVAC



19 - View of overhead powerlines and pole-mounted transformers along eastern boundary



20 - View of flooring inside vacant tenant space



21 - View of de minimis staining on associated parking area asphalt



22 - View of northern adjoining residential development



23 - View of eastern adjoining property



24 - View of railroad (southern adjoining)

Houston Moore (1 Unit) at
1420 Greenfield St., Wilmington, NC
28405

Houston Moore - Site Visit Photos



1 - View of road affording access to central portion of subject property from S 13th Street



2 - View of southeastern portion of the subject property



3 - View of subject property



4 - View of community center on southwestern portion



5 - View of tenant space



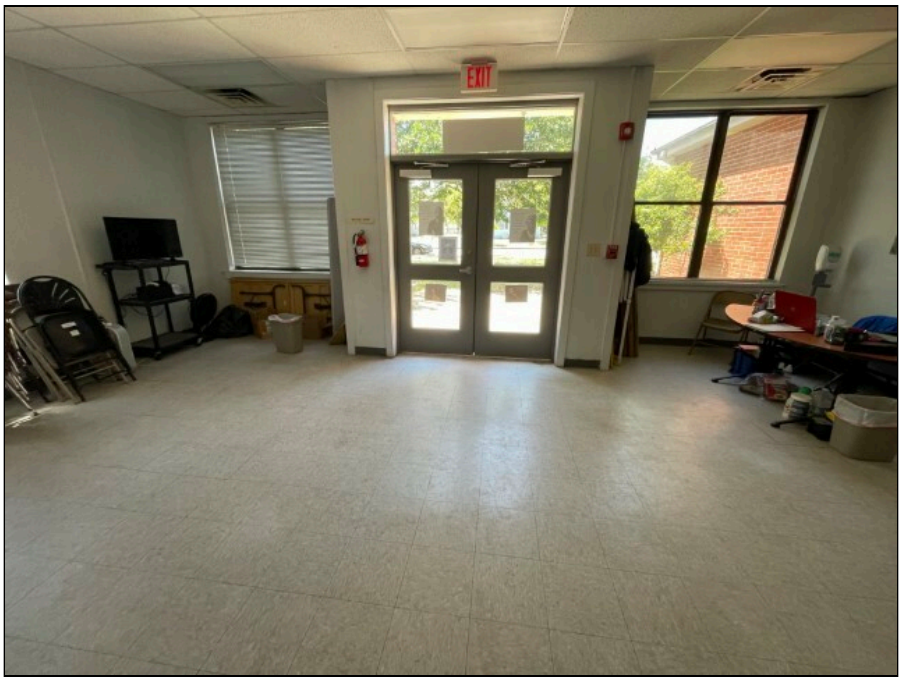
6 - View of playground and grassed land on southwestern portion



7 - View of interior of vacant tenant space



8 - View of interior of vacant tenant space



9 - View of community center meeting room



10 - View of hallway inside community center



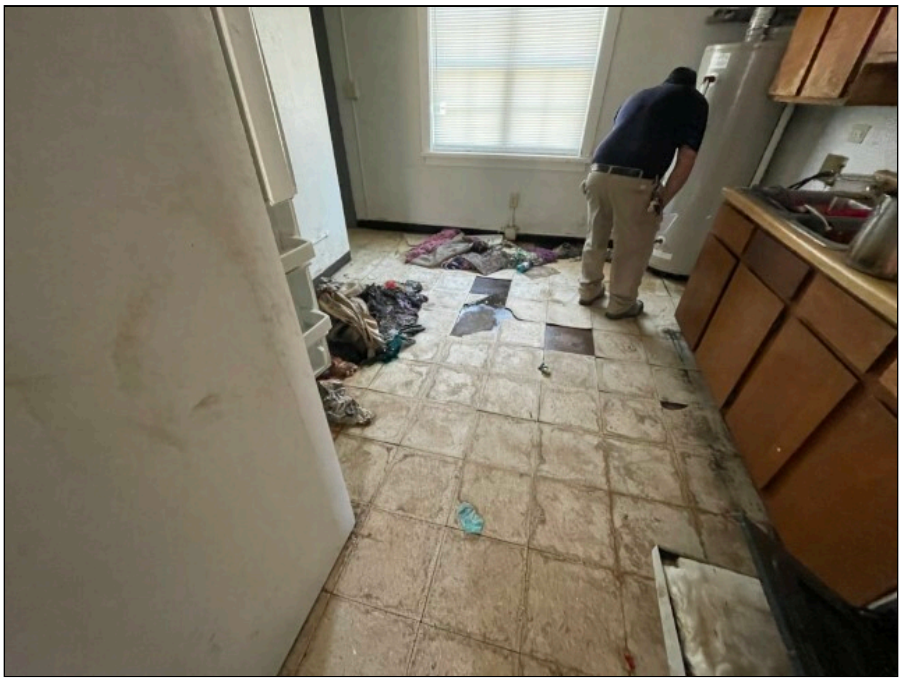
11 - View of kitchen inside community center



12 - View of office space inside community center



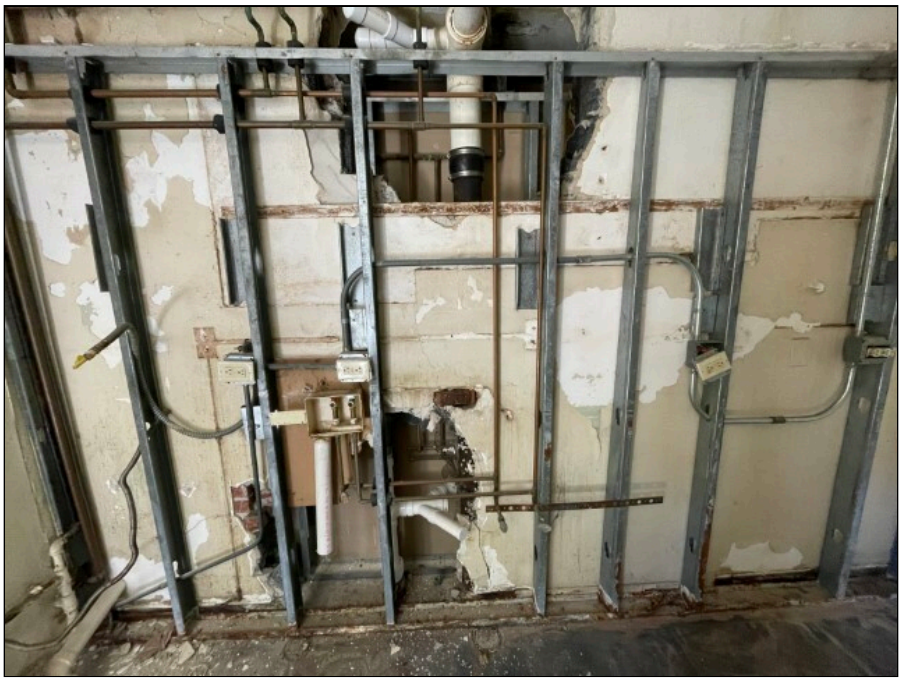
13 - View of laundry room inside community center



14 - View of interior of vacant tenant space



15 - View of restroom



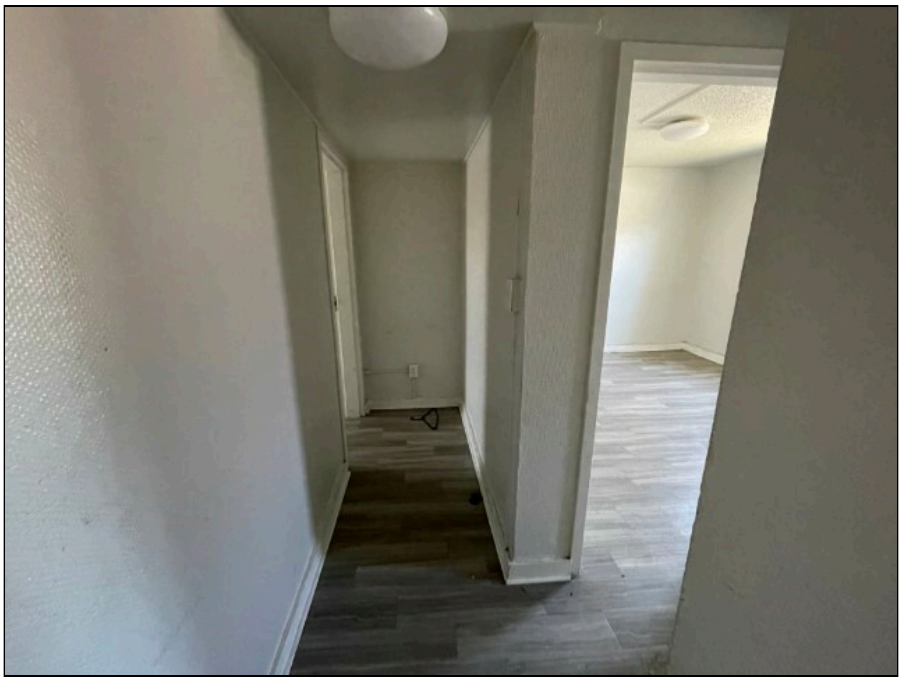
16 - View of interior of vacant tenant structure



17 - View of floor of interior space



18 - View of interior of vacant tenant space



19 - View of remodeled vacant tenant space



20 - View of dumpsters on the northern portion



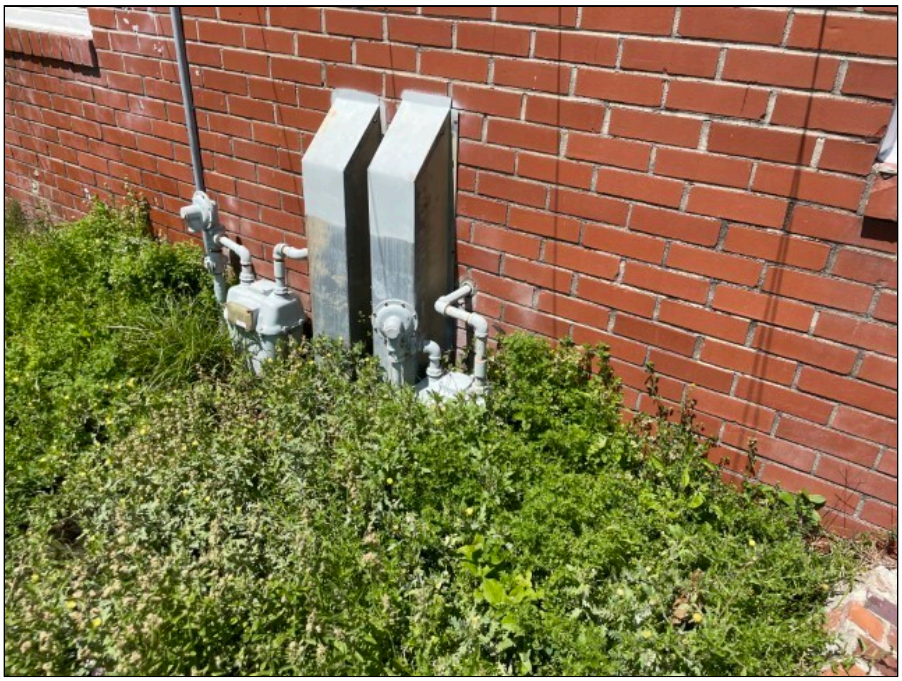
21 - View of northern adjoining church



22 - View of lift station on central portion



23 - View of electrical HVAC servicing community center



24 - View of natural gas meter



25 - View of northern adjoining Family Dollar



26 - View of northern adjoining on-going construction



27 - View of eastern adjoining office building



28 - View of southern adjoining school



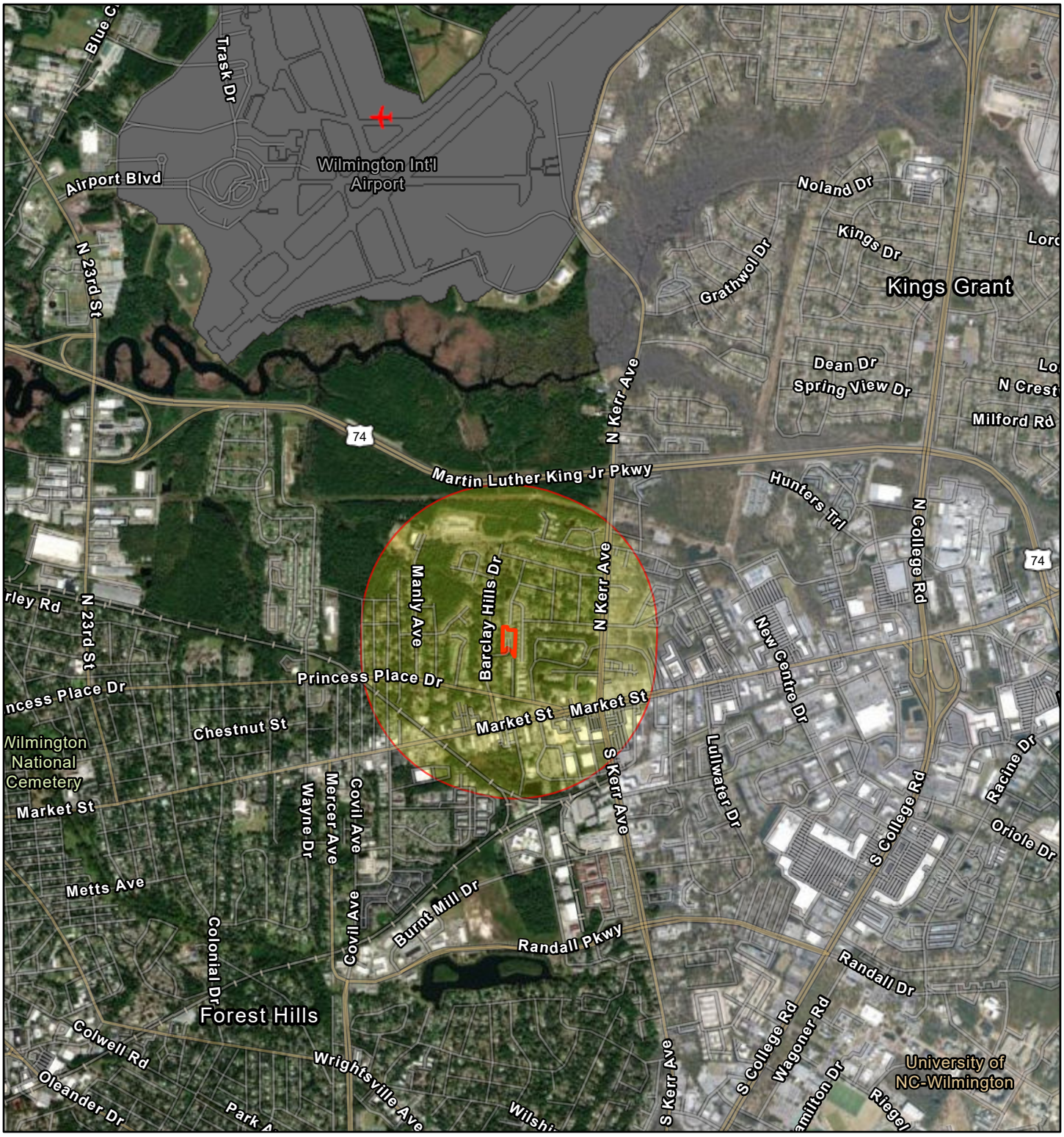
29 - View of western adjoining residential development

ATTACHMENT 2:

NEPAssist Airport Maps with 2,500-foot and 15,000-foot Buffers and FAA Airport Master Data for ILM

Woodbridge Apartments (20 Units) at 302 Grass Lane, Wilmington, NC 28405 (Unit #s 101-110, 201-205, 207 & 209-212)

Woodbridge Apartments (20 Units) - Airports with 2,500-foot Buffer



April 26, 2023

1:36,112

0 0.25 0.5 1 mi

0 0.4 0.8 1.6 km

Project Buffer

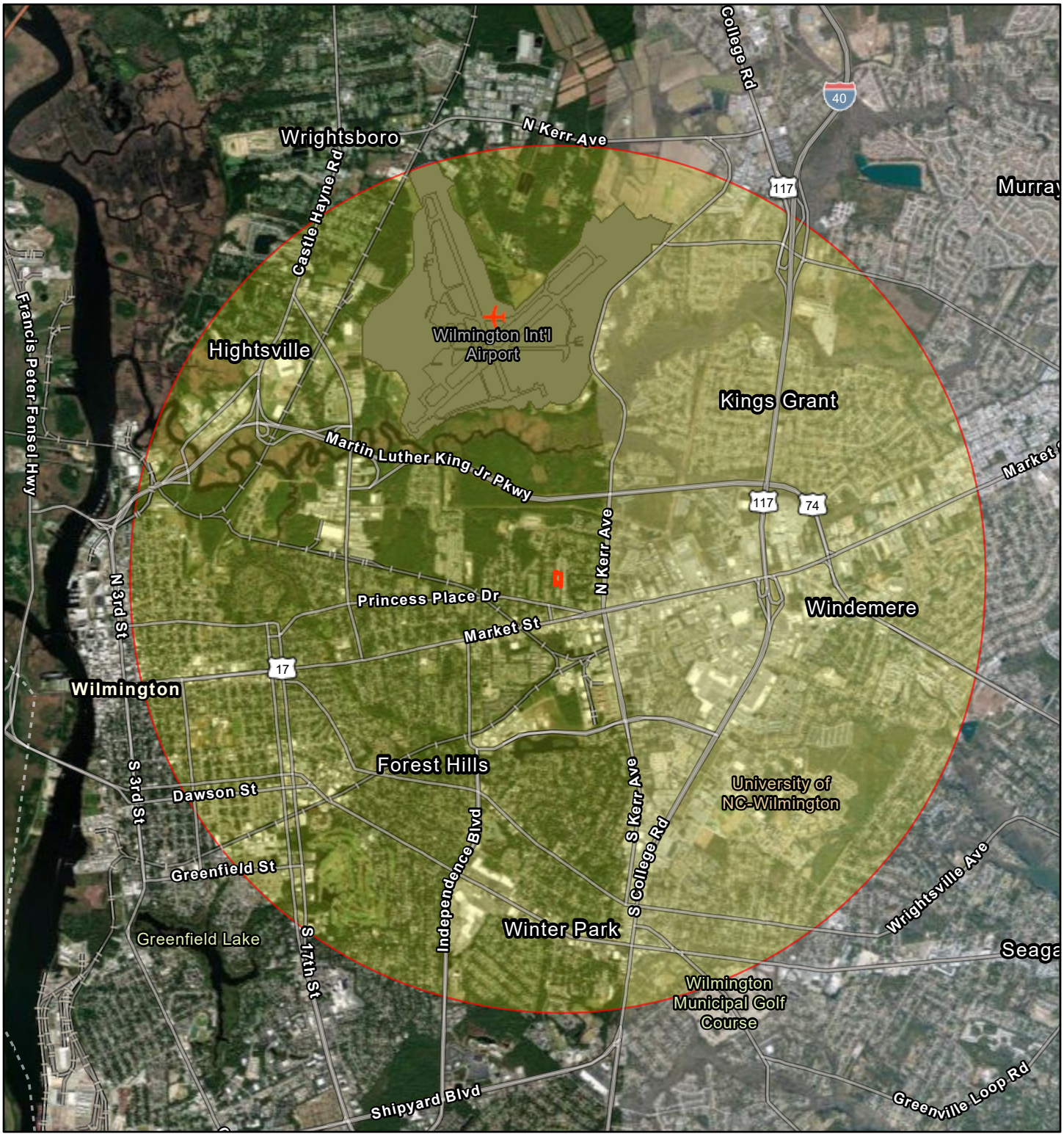
Woodbridge Apartments (20 Units) - 302 Grass Lane, Wilmington, NC 28405

Airport Points

Airport Polygons

NC CGIA, Maxar, State of North Carolina DOT, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, EPA OEI

Woodbridge Apartments (20 Units) - Airports with 15,000-foot Buffer



April 26, 2023

1:72,224

0 0.5 1 2 mi

0 0.75 1.5 3 km

Project Buffer

Woodbridge Apartments (20 Units) - 302 Grass Lane, Wilmington, NC 28405

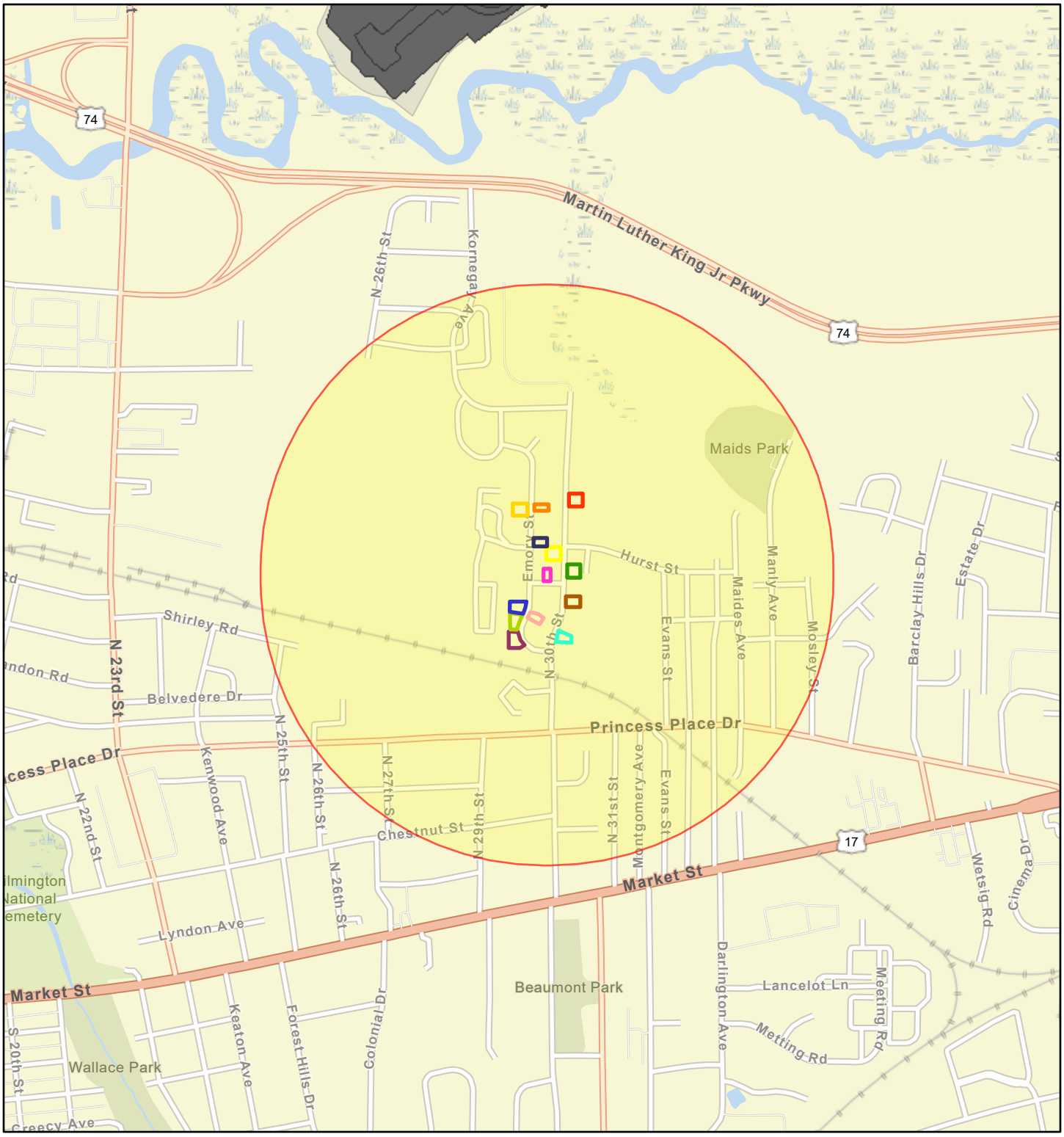
Airport Points

Airport Polygons

State of North Carolina DOT, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, NC CGIA, Earthstar Geographics, EPA OEI

Creekwood (14 Units) at
602, 712, 804, 805, 809 & 1008 N. 30th St.,
617, 701, 707, 708, 902, 915 & 922 Emory St.,
and 2905 Clayton Place, Wilmington, NC
28405

Creekwood (14 Units) - Airports with 2,500-foot Buffer



April 28, 2023

1:18,056

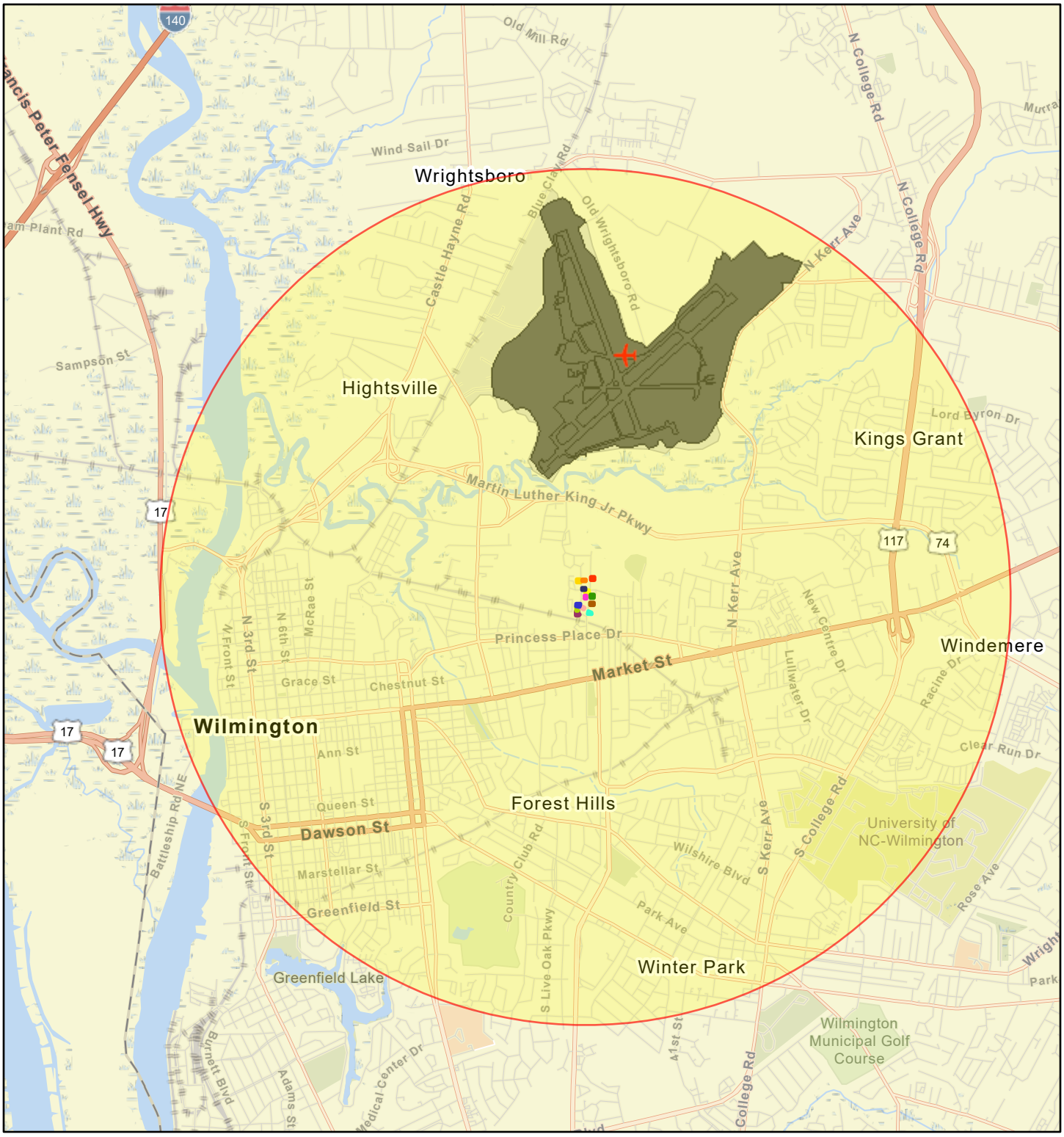
0 0.13 0.25 0.5 mi

0 0.2 0.4 0.8 km

- Project Buffer
- 804 N. 30th St.
- 902 Emory St.
- 712 N. 30th St.
- 707 Emory St.
- 708 Emory St.
- 1008 N. 30th St.
- 602 N. 30th St.
- 2905 Clayton Pl.
- 922 Emory St.
- 915 Emory St.
- 701 Emory St.
- 617 Emory St.
- 805 & 809 N. 30th St.
- Airport Points
- Airport Polygons

Esri Community Maps Contributors, State of North Carolina DOT, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, EPA OEI

Creekwood (14 Units) - Airports with 15,000-foot Buffer



April 28, 2023

1:72,224

0 0.5 1 2 mi

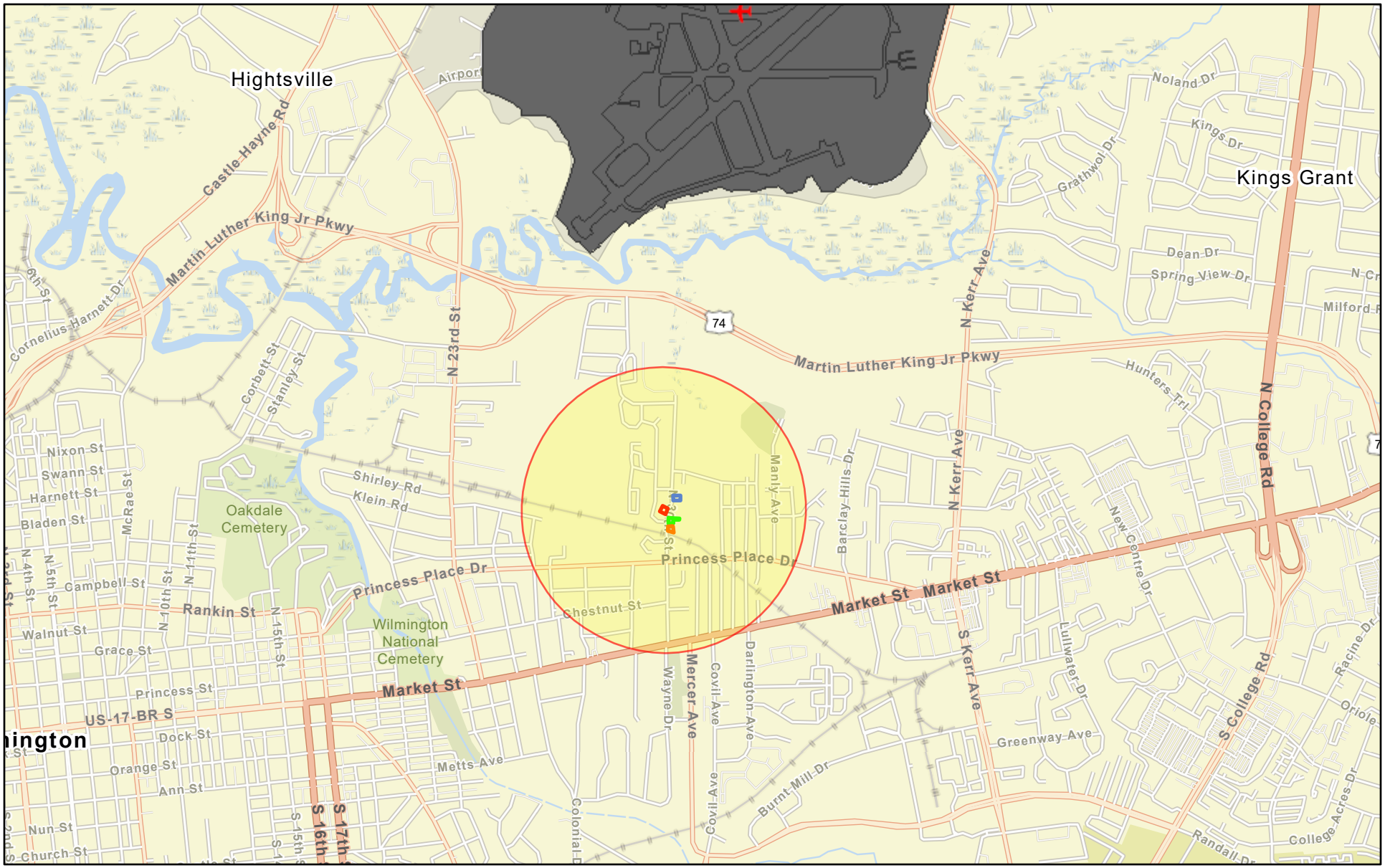
0 0.75 1.5 3 km

- Project Buffer
- 804 N. 30th St.
- 902 Emory St.
- 712 N. 30th St.
- 707 Emory St.
- 708 Emory St.
- 1008 N. 30th St.
- 602 N. 30th St.
- 2905 Clayton Pl.
- 922 Emory St.
- 915 Emory St.
- 701 Emory St.
- 617 Emory St.
- 805 & 809 N. 30th St.
- Airport Points
- Airport Polygons

State of North Carolina DOT, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, EPA OEI

Creekwood South (6 Units) at
502, 522, 609, 611, 613 & 710 N. 30th St.,
Wilmington, NC 28405

Creekwood South - Airports with 2,500-foot Buffer



April 26, 2023

- Project Buffer
- 710 N. 30th St.
- 609, 611 & 613 N. 30th St.
- 502 N. 30th St.
- 522 N. 30th St.
- Airport Points
- Airport Polygons

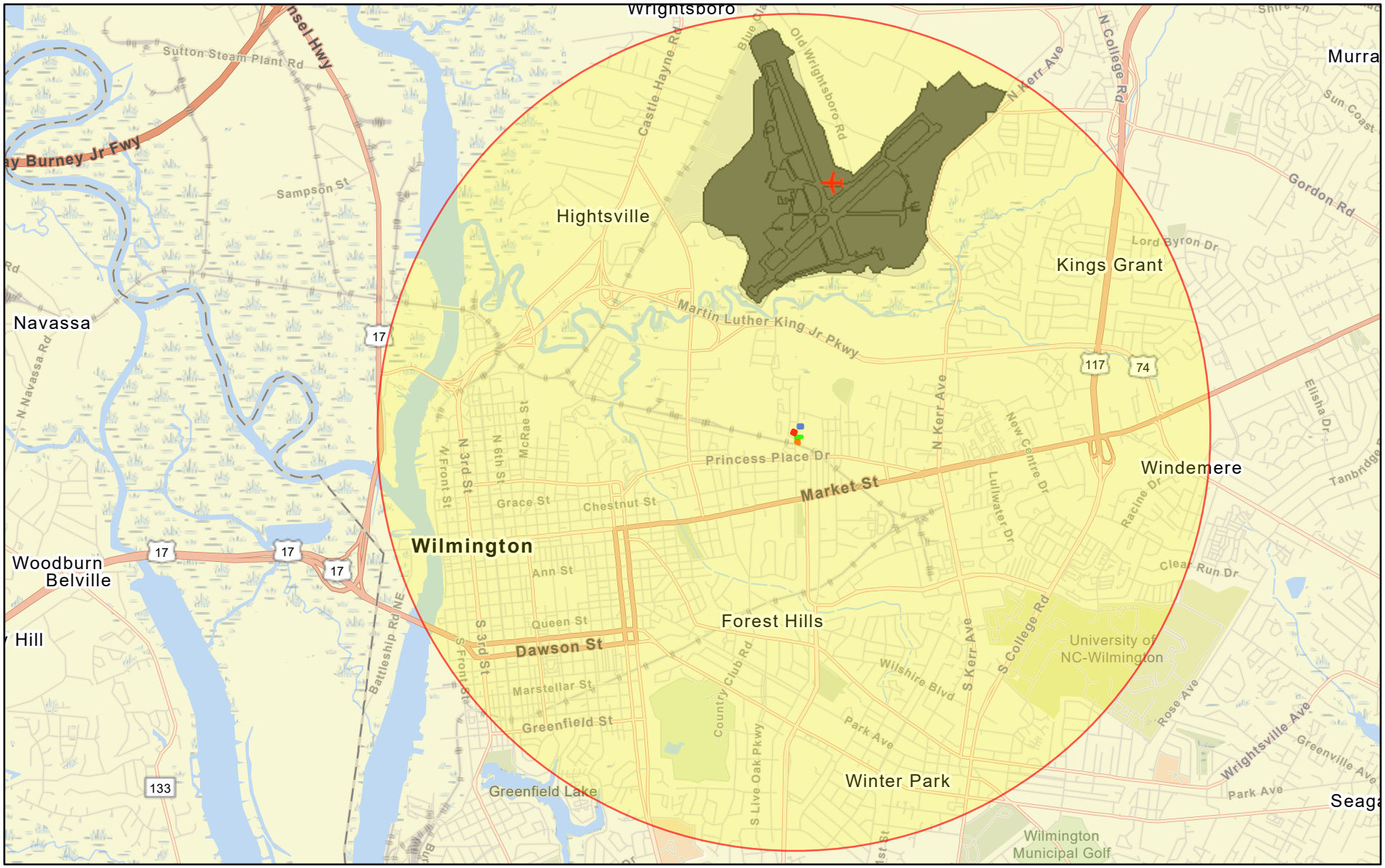
1:36,112

0 0.25 0.5 1 mi

0 0.4 0.8 1.6 km

State of North Carolina DOT, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau,

Creekwood South - Airports with 15,000-foot Buffer



April 26, 2023

- Project Buffer
- 710 N. 30th St.
- 609, 611 & 613 N. 30th St.
- 502 N. 30th St.
- 522 N. 30th St.
- Airport Points
- Airport Polygons

1:72,224

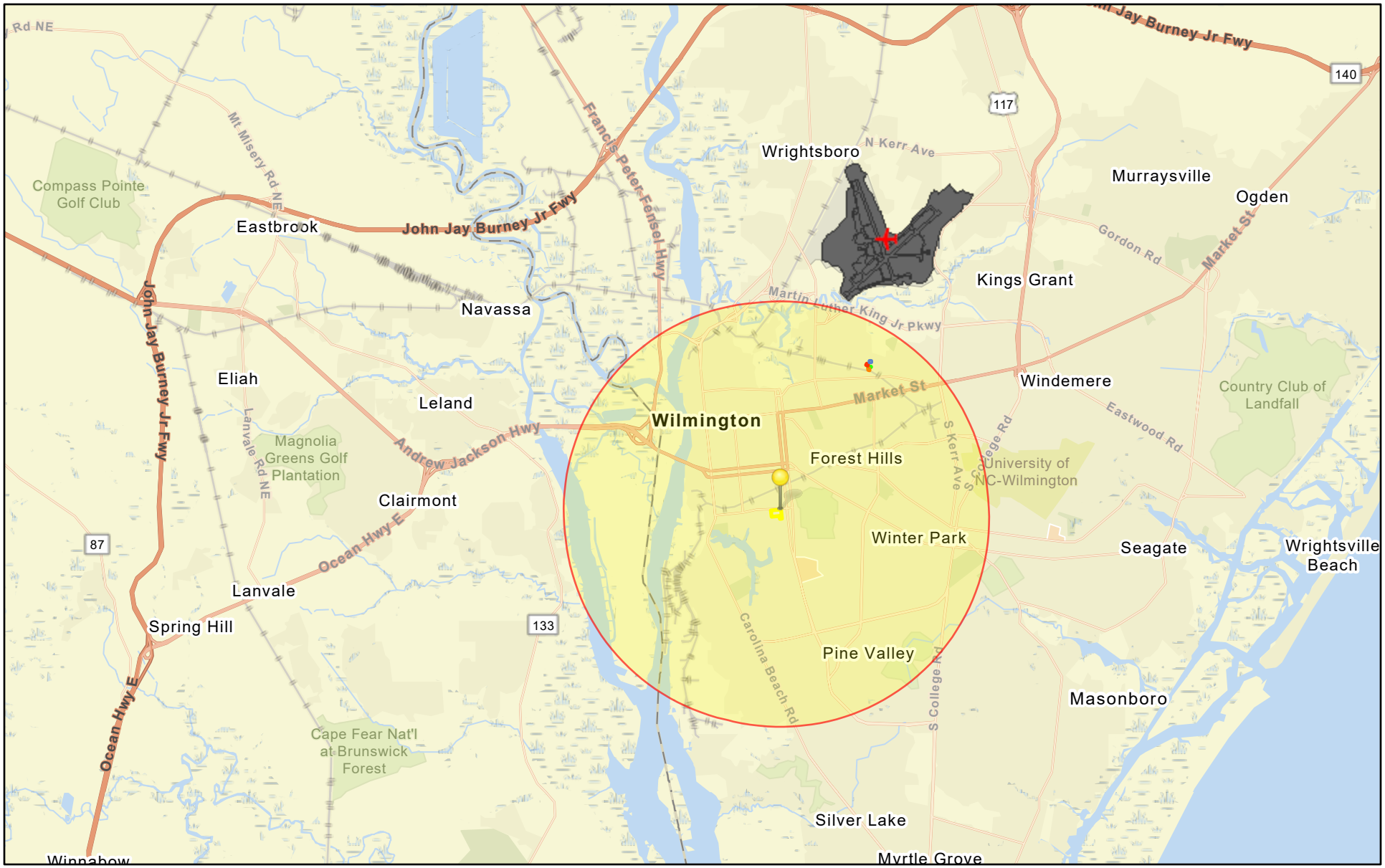
0 0.5 1 2 mi

0 0.75 1.5 3 km

State of North Carolina DOT, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, EPA OEI

Houston Moore (1 Unit) at
1420 Greenfield St., Wilmington, NC
28405

Houston Moore (1 Unit) - Airports with 15,000-foot Buffer



April 26, 2023

Project Buffer

1420 Greenfield St.

Houston Moore (1 Unit)

Airport Points

Airport Polygons

1:144,448

0 1 2 4 mi

0 1.5 3 6 km

State of North Carolina DOT, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, EPA OEI

Effective: June 15, 2023

Toggle Detail Section

(ILM) WILMINGTON INTL

- New Search
- **Facility Details**
- Facility Map
- Charts

Login to ADIP application to make changes to airport data. Instructions can be found here.

Site Id:	17211.*A	Ownership Type:	PUBLIC
NPIAS Number:	37-0084	Facility Use:	PUBLIC
Service Level:	Primary	NPIAS:	YES
Hub Type:	Small	NPIAS/Federal Agreements:	NGPRY3
Airport Status:	Operational		
Location:	34° 16' 16.1" N / 77° 54' 10.4" W ESTIMATED	CBD To Airport:	03NM / NE
City/State:	WILMINGTON, NC	ARTCC:	WASHINGTON (ZDC)
County:	NEW HANOVER	Sectional:	CHARLOTTE
Elevation:	31.7 ft. SURVEYED	Region / ADO:	ASO / MEM
Location:			
Variation:	10W (2020)	Area:	1800 ac.
Last Inspection Date:	03/09/2022		

Services & Facility Information

Control Tower:	On Airport ATCT	Wind Indicator:	LIGHTED
Tower Hours:	0600-2300	Lighting Schedule: (R)	SEE RMK
Primary APCH Hours:	0600-2300	Beacon Lens Color:	White and Green
Primary DEP Hours:	0600-2300	Beacon Schedule:	SS-SR
FSS On Airport:	NO	Landing Fee:	No
FSS: (R)	RALEIGH (RDU)	Fuel Types:	100LL, A, A+
FSS Toll Free Phone:	1-800-WX-BRIEF	Other Services:	AFRT,CARGO,CHTR,INSTR,RNTL,SALES
NOTAMs Facility:	ILM	FAR 139 Index:	I B S 05/1973
Attendance:	CONTINUOUS	International Airport of Entry for Customs:	YES
		Military/Civil Joint Use:	NO

- TWR PH #910-815-4530 X220.
- APCH/DEP SVC PRVDD BY WASHINGTON ARTCC ON FREQS 124.025/269.15 (WILMINGTON RCAG) WHEN WILMINGTON APCH CTL CLSD.

Based Aircraft

Single Engine (SE):	67
Multi Engine (ME):	11
Jet (J):	21
Helicopters:	8
TOTAL:	107
Gliders:	0
Military:	0
Ultra-Light:	0

Annual Operations

Air Carrier:	10,829
Air Taxi:	10,984
General Aviation Local:	13,513
General Aviation Itinerant:	29,595
Military:	13,316

TOTAL OPERATIONS:	78,237
Operations for 12 Months Ending:	01/31/2022

(ILM) WILMINGTON INTL

- New Search
- **Facility Details**
- Facility Map
- Charts

Login to ADIP application to make changes to airport data. Instructions can be found here.

UNICOM	122.950
CTAF	119.900
ATIS	124.975
WILMINGTON APPROACH/DEPARTURE	118.25 ;164-343 135.75 ;344-163 284.65 ;164-343 317.425 ;344-163
WILMINGTON EMERGENCY	121.5 243.0
WILMINGTON GROUND	121.9 348.6
WILMINGTON TOWER	119.9 239.3
Other - (TRSA)	118.25 ;164-343 135.75 ;344-163 284.65 ;164-343 317.425 ;344-163
Other - (VFR ADZY)	119.9 239.3

Radio Aids to Navigation

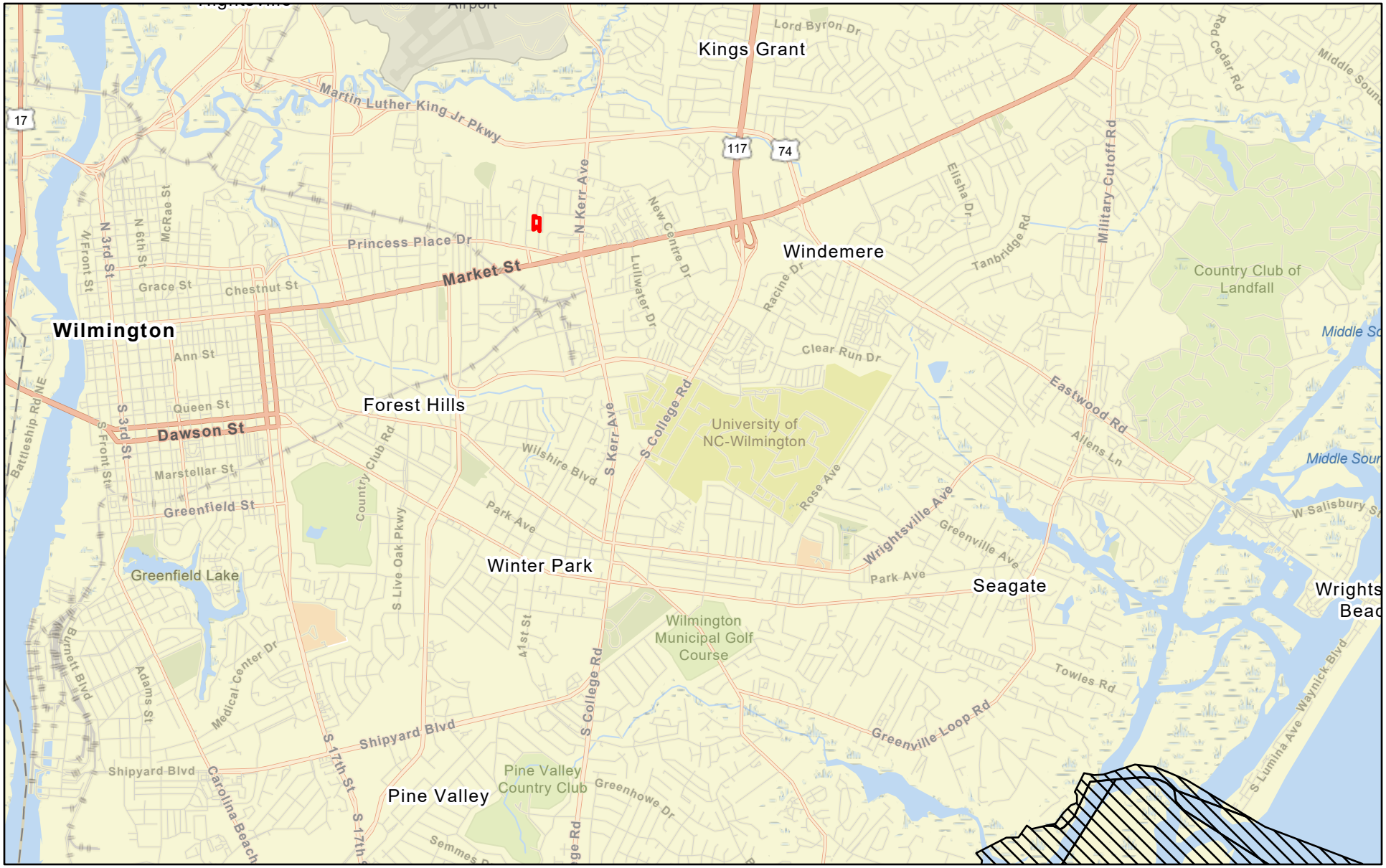
Type	ID	Frequency	Hours	Distance	Bearing
VORTAC	ILM	117 MHz	24	5 nm	196.3°
• VOR PORTION UNUSBL 051-185; 186-229 BLW 3000 FT; 230-315 BYD 5 NM BLW 17500 FT; 316-050 BLW 8000 FT; 164-051 BLW 17500 FT. • TACAN DME UNUSBL 015-305 BYD 30 NM BLW 2500 FT. • TACAN AZIMUTH UNUSBL 129-160 BYD 30 NM BLW 2500 FT.					
NDB	IL	281 MHz	24	5.1 nm	339.2°
• NDB UNMON SAT 1800-0600; SUN 1800-0700. • NDB UNUSBL 066-294 BYD 15 NM; 295-065 BYD 5 NM DUE TO MILITARY RESTRICTED AREA.					
NDB	GM	205 MHz	24	6 nm	228.7°
NDB	OA	261 MHz	24	30.4 nm	198.9°
TACAN	NCA	115.4 MHz	SEE RMK	34.8 nm	221.3°
• MON-THUR 1300-0600Z++; FRI 1300-0000Z++; NOT AVAILABLE SAT/SUN/HOL. TACAN UNAVBL OUTSIDE PUBLISHED AFLD HRS.					
NDB	CPC	227 MHz	24	40.2 nm	90°
• 3RD PARTY SURVEY • NDB LOCATED 1200' NE OF THRESHOLD RWY 05 ON CENTERLINE THEN 300' SE AT RIGHT ANGLES. • NDB UNMON MON-SAT 1800-0800 AND SUN 1800-0900.					
NDB	CTZ	412 MHz	24	47.9 nm	151.7°
VORTAC	CRE	114.4 MHz	24	49.3 nm	55.9°
• TACAN AZM UNUSBL 296-335. • DME UNUSBL 296-335. • VOR UNUSBL 000-005 BYD 40 NM; 016-020 BYD 40 NM; 040-053 BYD 40 NM BLW 2500 FT; 040-053 BYD 47 NM; 060-085 BYD 40 NM; 130-140 BYD 40 NM; 205-222 BYD 40 NM BLW 7000FT; 205-222 BYD 82 NM; 292-296 BYD 40 NM; 296-308 BYD 30NM BLW 5000 FT; 330-334 BYD 40 NM.					
NDB	IS	276 MHz	24	59.1 nm	189.9°
TACAN	GSB	116.5 MHz	24	63.8 nm	177°
• NO-NOTAM MP: 0500-1030Z++ MON AND FRI (1500/3+1). • TACAN UNMTO 0430-1200Z++. • TAC AZM UNUSBL 171-239 BYD 10 NM; 240-170 BYD 30 NM BLW 4000 FT. • DME UNUSBL 171-239 BYD 10NM; 240-170 BYD 30 NM BLW 4000 FT.					

ATTACHMENT 3:

USFWS CBRS Maps

Woodbridge Apartments (20 Units) at 302 Grass Lane, Wilmington, NC 28405 (Unit #s 101-110, 201-205, 207 & 209-212)

Woodbridge Apartments - CBRS Map



April 28, 2023

Coastal Barrier Resources System (CBRS) Boundaries (FEMA-NFHL)

System Unit

Woodbridge Apartments

1:72,224

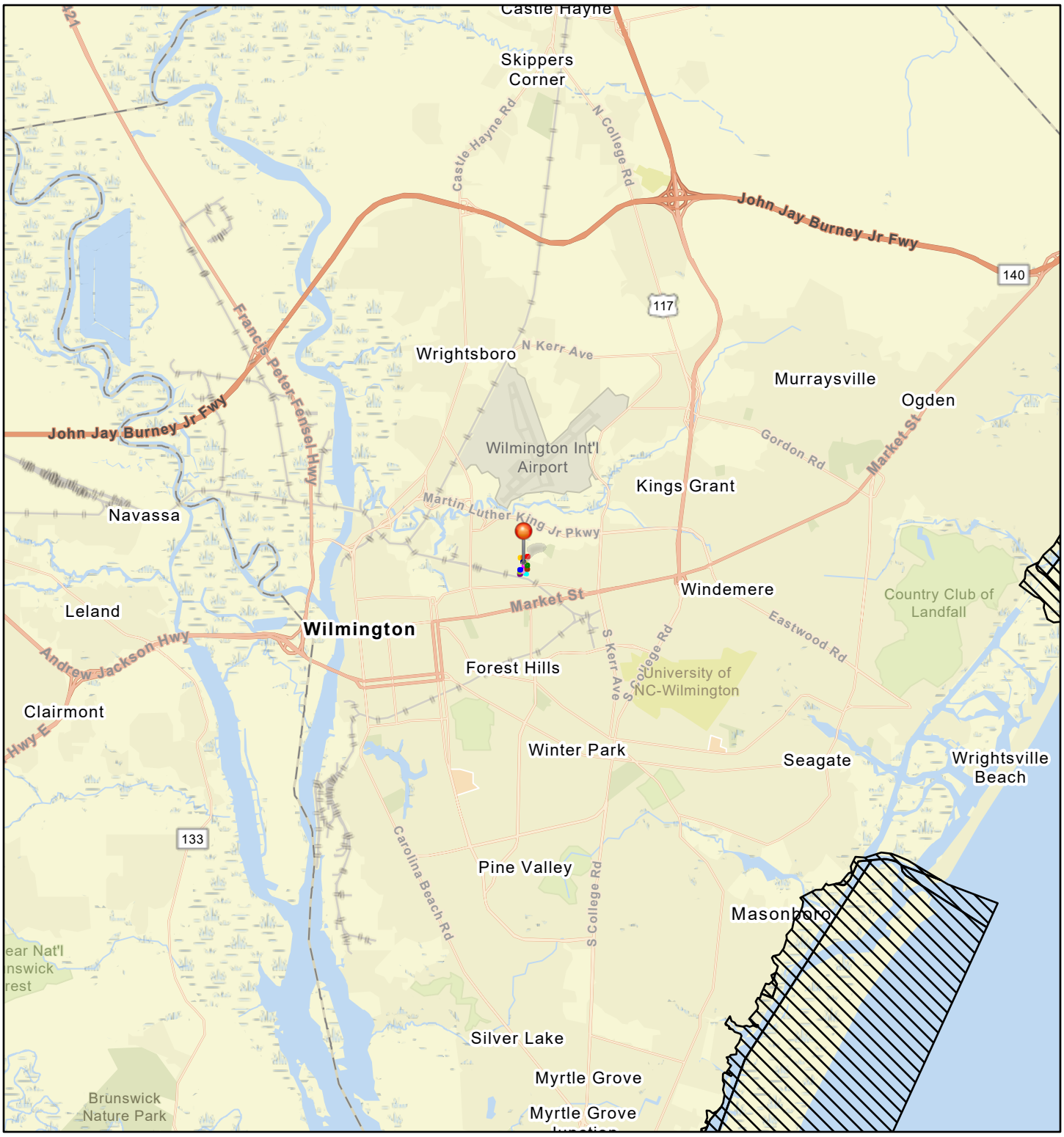
0 0.5 1 2 mi

0 0.75 1.5 3 km

State of North Carolina DOT, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA

Creekwood (14 Units) at
602, 712, 804, 805, 809 & 1008 N. 30th St.,
617, 701, 707, 708, 902, 915 & 922 Emory St.,
and 2905 Clayton Place, Wilmington, NC
28405

Creekwood (14 Units) - CBRS Map



April 28, 2023

1:144,448

0 1 2 4 mi

0 1.5 3 6 km

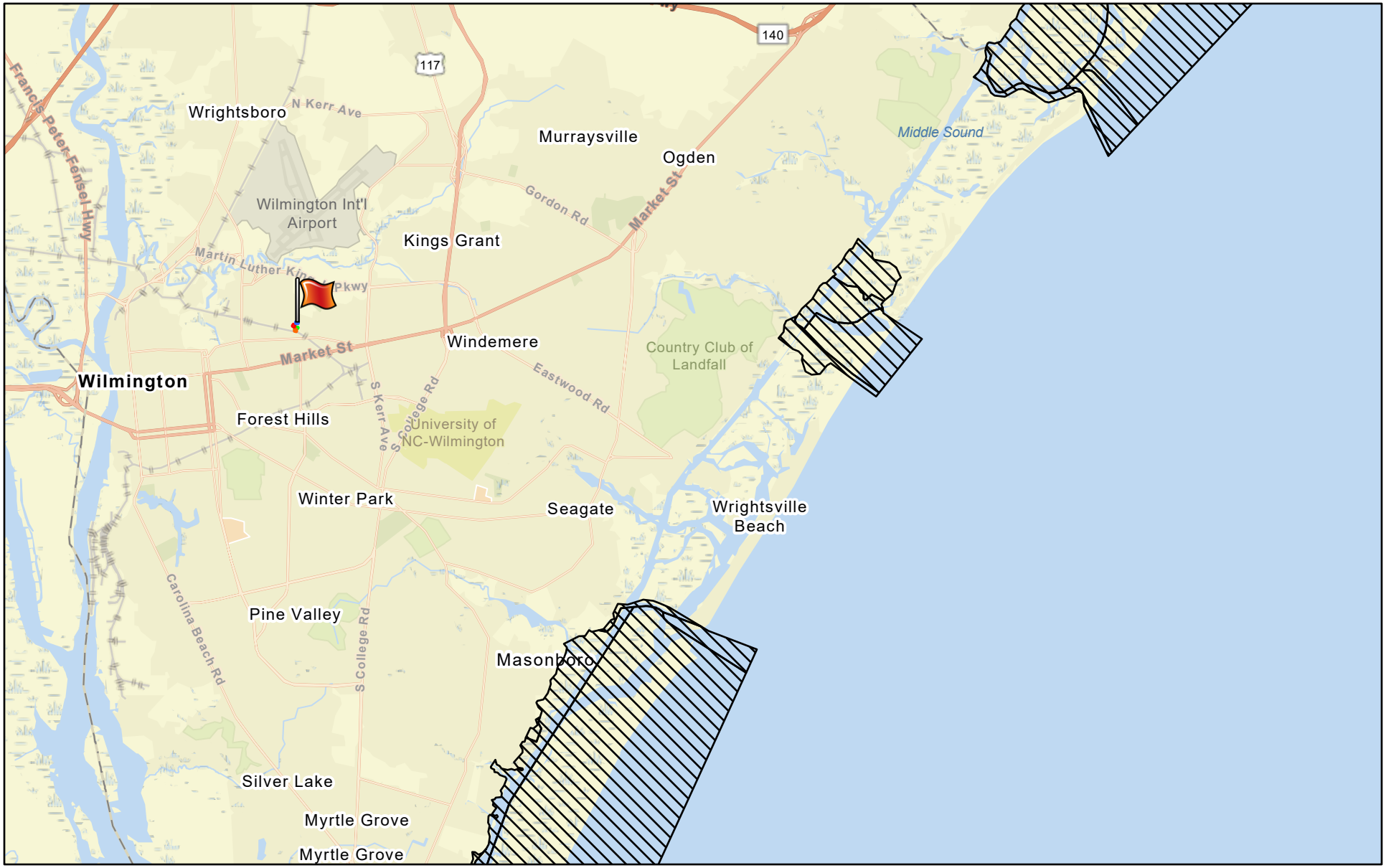
Coastal Barrier Resources System (CBRS) Boundaries (FEMA-NFHL)

- System Unit
- Creekwood
- 804 N. 30th St.
- 902 Emory St.
- 712 N. 30th St.
- 707 Emory St.
- 708 Emory St.
- 1008 N. 30th St.
- 602 N. 30th St.
- 2905 Clayton Pl.
- 922 Emory St.
- 915 Emory St.
- 701 Emory St.
- 617 Emory St.
- 805 & 809 N. 30th St.

State of North Carolina DOT, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA

Creekwood South (6 Units) at
502, 522, 609, 611, 613 & 710 N. 30th St.,
Wilmington, NC 28405

Creekwood South - CBRS Map



April 26, 2023

Creekwood South

Coastal Barrier Resources System (CBRS) Boundaries (FEMA-NFHL)

System Unit

710 N. 30th St.

609, 611 & 613 N. 30th St.

502 N. 30th St.

522 N. 30th St.

1:144,448

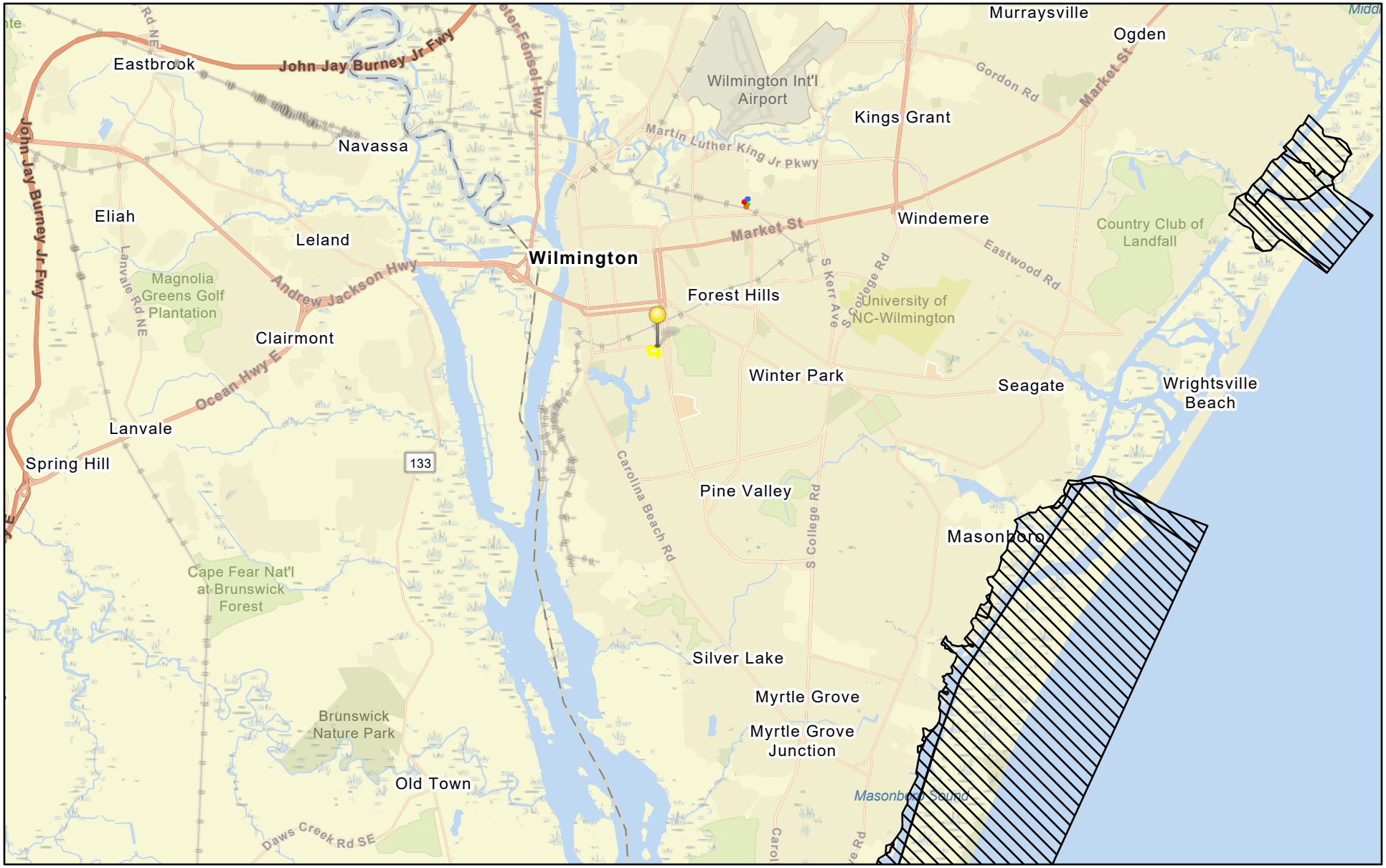
0 1 2 4 mi

0 1.5 3 6 km

State of North Carolina DOT, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA

Houston Moore (1 Unit) at
1420 Greenfield St., Wilmington, NC
28405

Houston Moore (1 Unit) - CBRS Map



April 26, 2023

Coastal Barrier Resources System (CBRS) Boundaries (FEMA-NFHL)

System Unit

1420 Greenfield St.

Houston Moore - 1420 Greenfield St.

710 N. 30th St.

609, 611 & 613 N. 30th St.

502 N. 30th St., Wilmington, NC 28405

522 N. 30th St.

1:144,448

0 1 2 4 mi

0 1.5 3 6 km

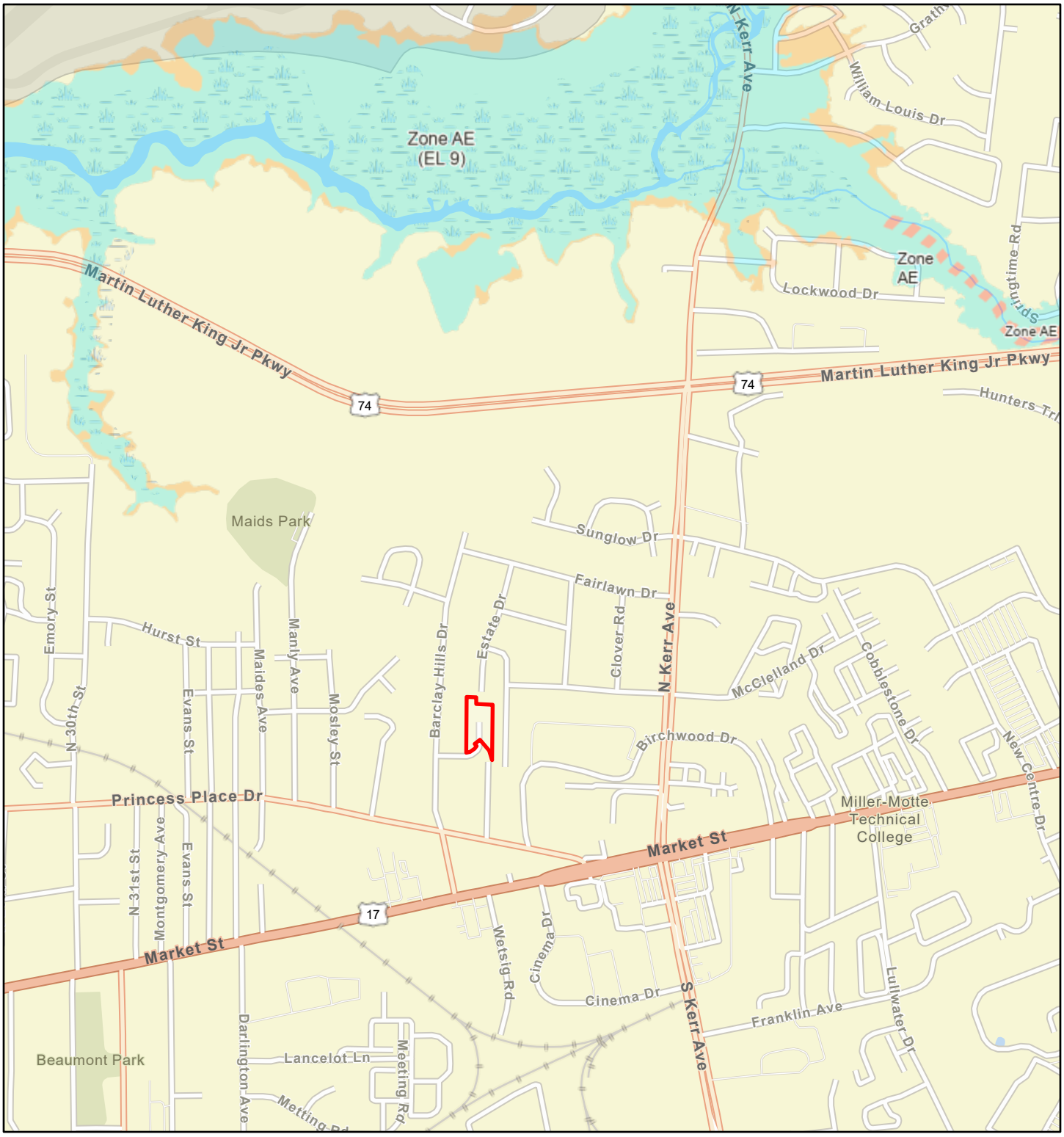
State of North Carolina DOT, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA

ATTACHMENT 4:

FEMA FIRMettes with Parcel Boundaries

Woodbridge Apartments (20 Units) at 302 Grass Lane, Wilmington, NC 28405 (Unit #s 101-110, 201-205, 207 & 209-212)

Woodbridge Apartments - FEMA FIRM



April 28, 2023

1:18,056

Flood Hazard Zones

- 1% Annual Chance Flood Hazard
- Regulatory Floodway
- Special Floodway
- Area of Undetermined Flood Hazard
- 0.2% Annual Chance Flood Hazard

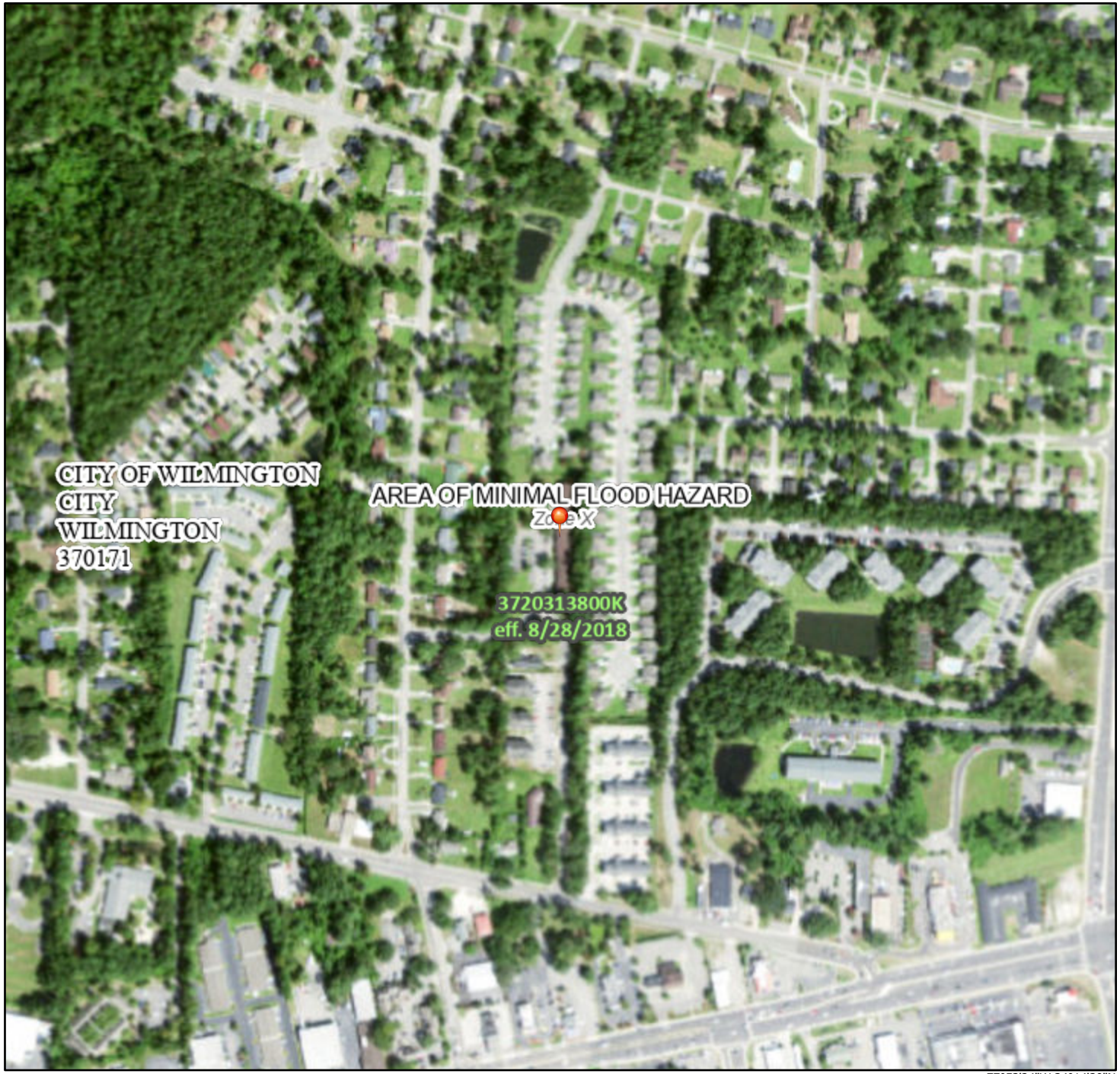
0 0.13 0.25 0.5 mi

0 0.2 0.4 0.8 km

Esri Community Maps Contributors, State of North Carolina DOT, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA

National Flood Hazard Layer FIRMette

77°54'1"W 34°15'N



77°53'24"W 34°14'30"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

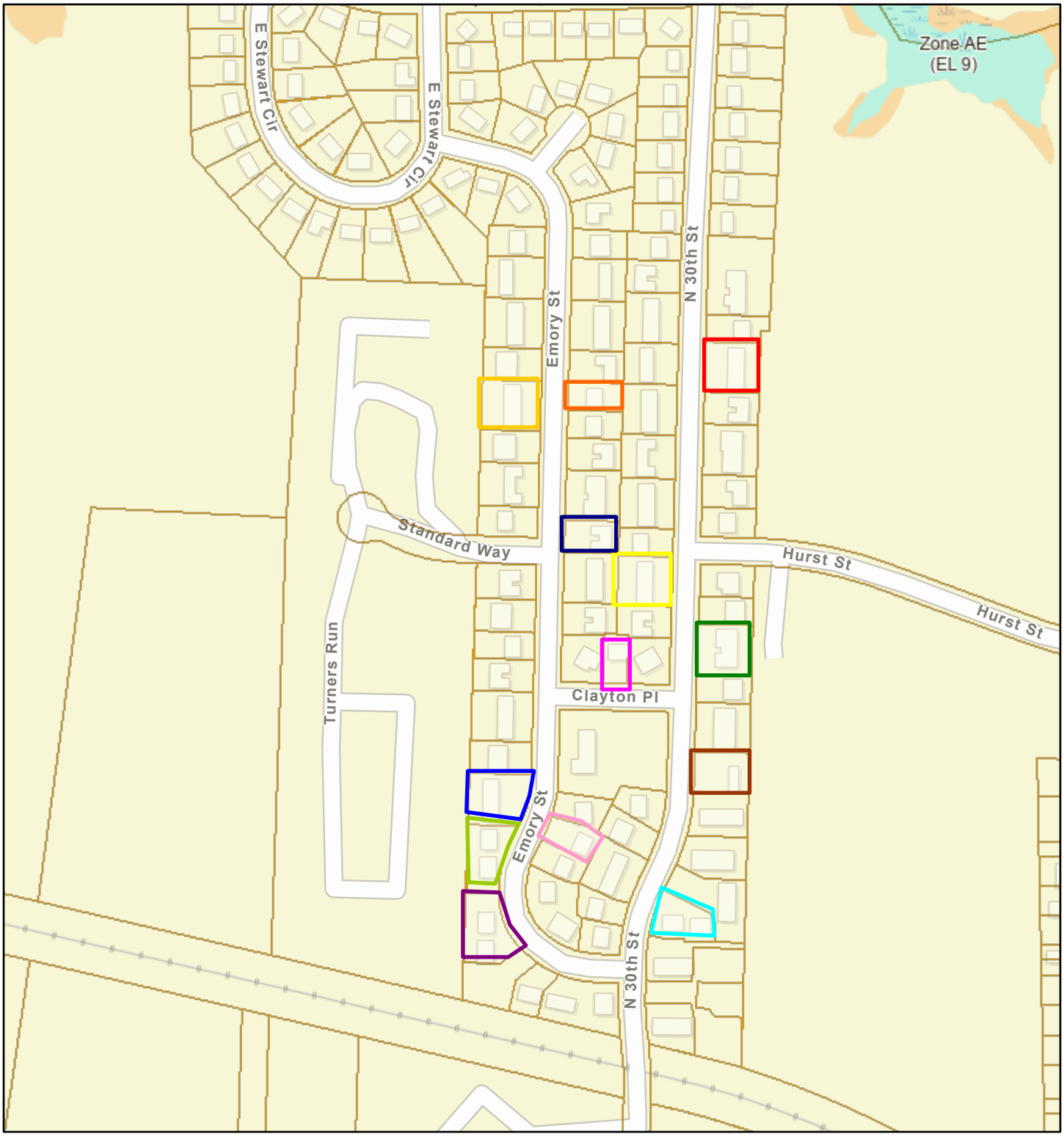
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/1/2023 at 2:11 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

Creekwood (14 Units) at
602, 712, 804, 805, 809 & 1008 N. 30th St.,
617, 701, 707, 708, 902, 915 & 922 Emory St.,
and 2905 Clayton Place, Wilmington, NC
28405

Creekwood (14 Units) - FEMA FIRM



April 28, 2023

1:4,514

0 0.03 0.06 0.12 mi

0 0.05 0.1 0.2 km

Flood Hazard Zones

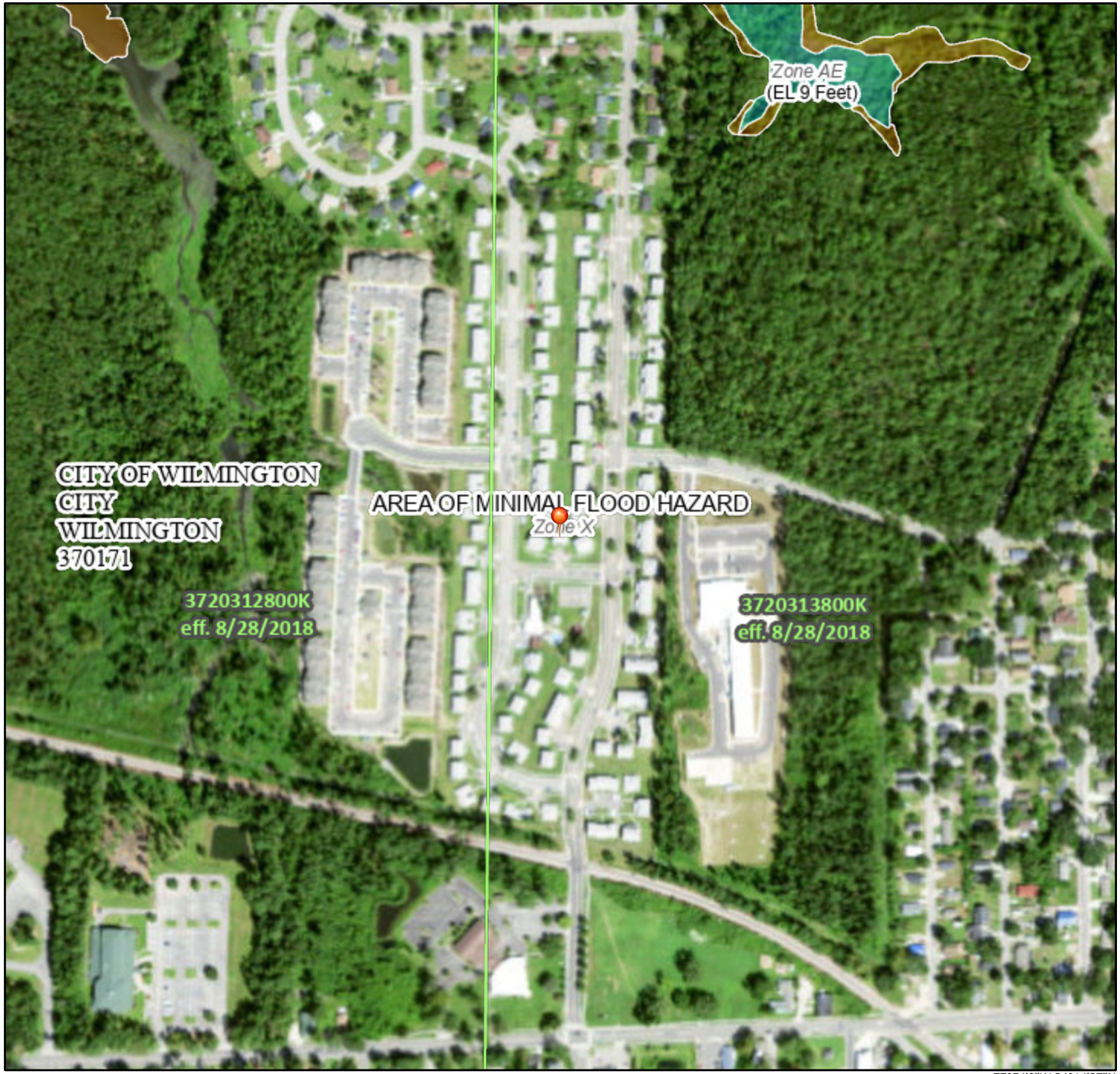
- 1% Annual Chance Flood Hazard
- Regulatory Floodway
- Special Floodway
- Area of Undetermined Flood Hazard
- 0.2% Annual Chance Flood Hazard
- Future Conditions 1% Annual Chance Flood Hazard

Esri Community Maps Contributors, New Hanover County, State of North Carolina DOT, © OpenStreetMap, Microsoft, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, New Hanover County NC

National Flood Hazard Layer FIRMette

FEMA

77°54'45"W 34°15'7"N



77°54'8"W 34°14'37"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
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GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
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OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

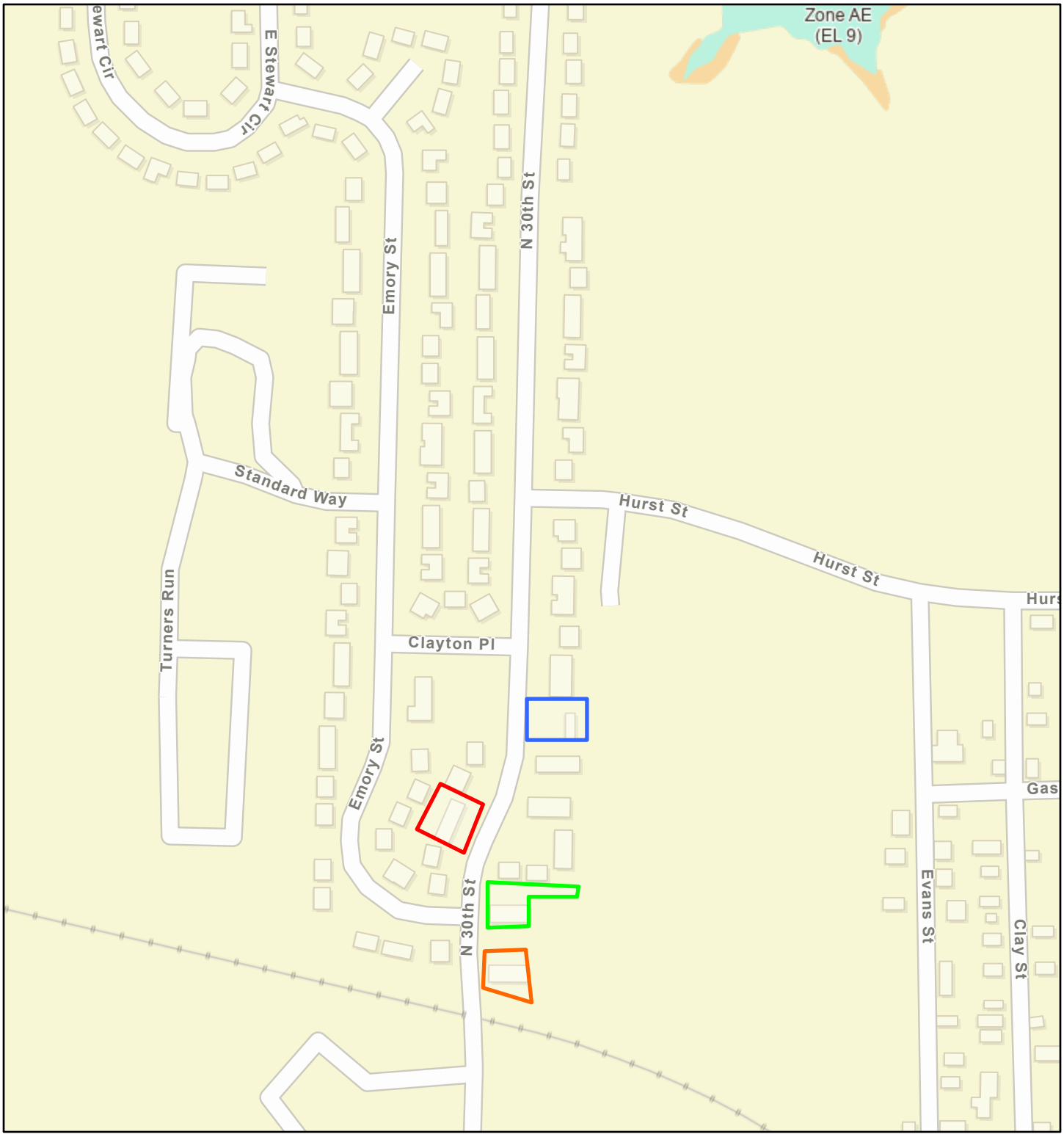
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/1/2023 at 1:09 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

Creekwood South (6 Units) at
502, 522, 609, 611, 613 & 710 N. 30th St.,
Wilmington, NC 28405

Creekwood South (6 Units) - FEMA FIRM



April 28, 2023

1:4,514

0 0.03 0.06 0.12 mi

0 0.05 0.1 0.2 km

Flood Hazard Zones

- 1% Annual Chance Flood Hazard
- Regulatory Floodway
- Special Floodway
- Area of Undetermined Flood Hazard
- 0.2% Annual Chance Flood Hazard

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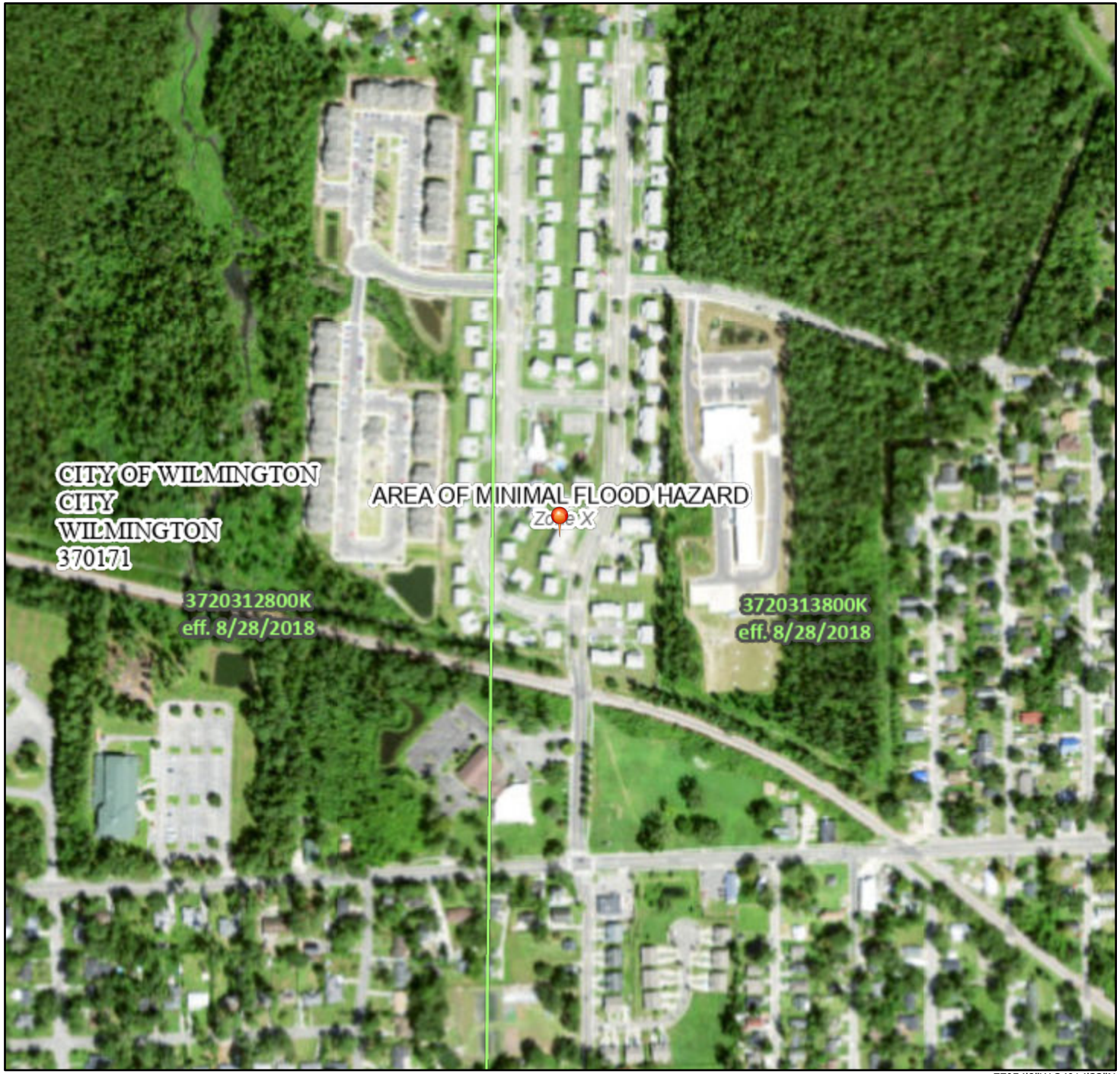
National Flood Hazard Layer FIRMette

77°54'46"W 34°15'2"N



77°54'8"W 34°14'32"N

Feet 1:6,000

0 250 500 1,000 1,500 2,000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/1/2023 at 1:11 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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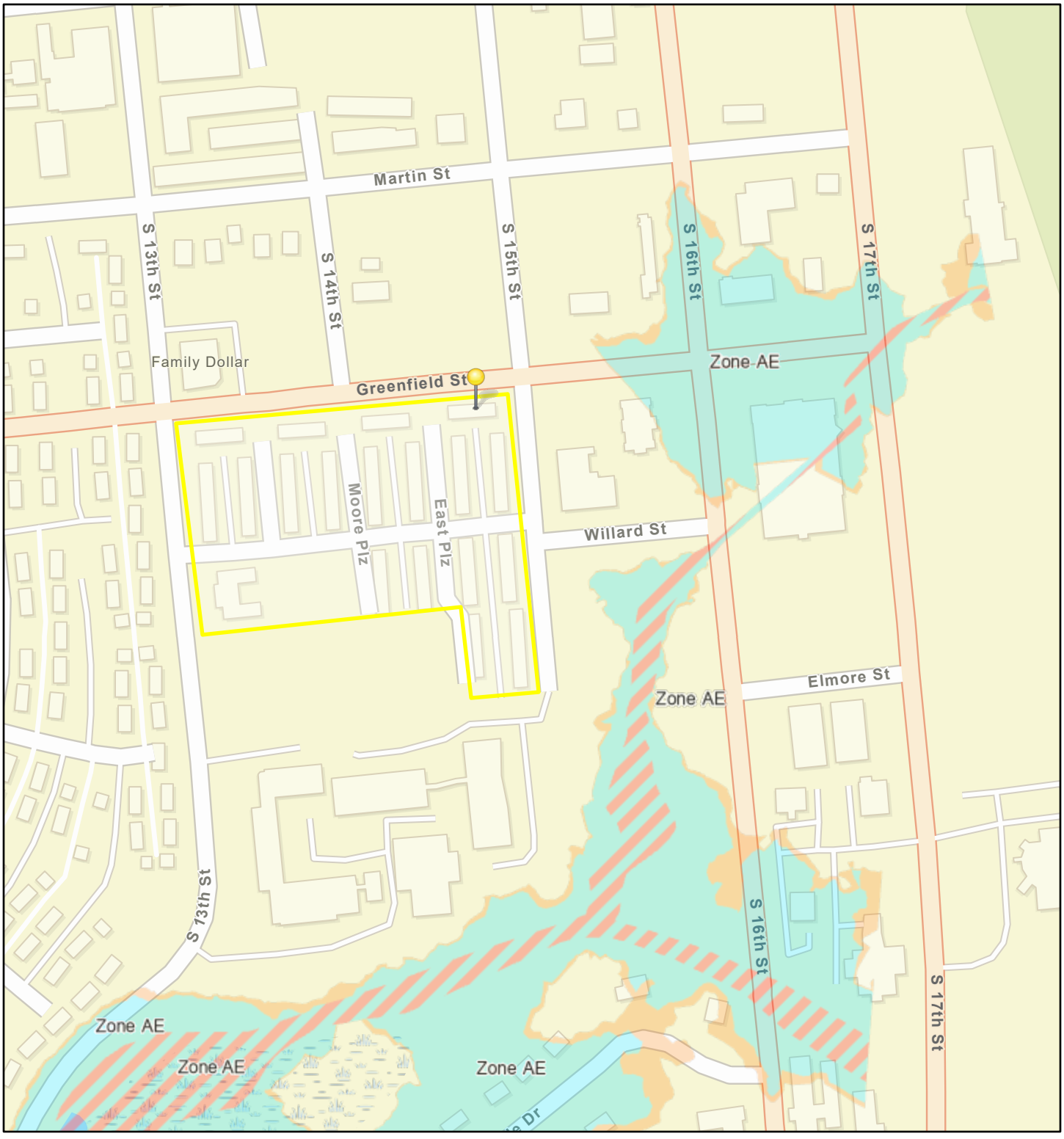
Houston Moore (1 Unit) at
1420 Greenfield St., Wilmington, NC
28405

Houston Moore - FEMA FIRM



April 28, 2023

1:4,514

0 0.03 0.06 0.12 mi

0 0.05 0.1 0.2 km

Flood Hazard Zones

- 1% Annual Chance Flood Hazard
- Regulatory Floodway
- Special Floodway
- Area of Undetermined Flood Hazard
- 0.2% Annual Chance Flood Hazard

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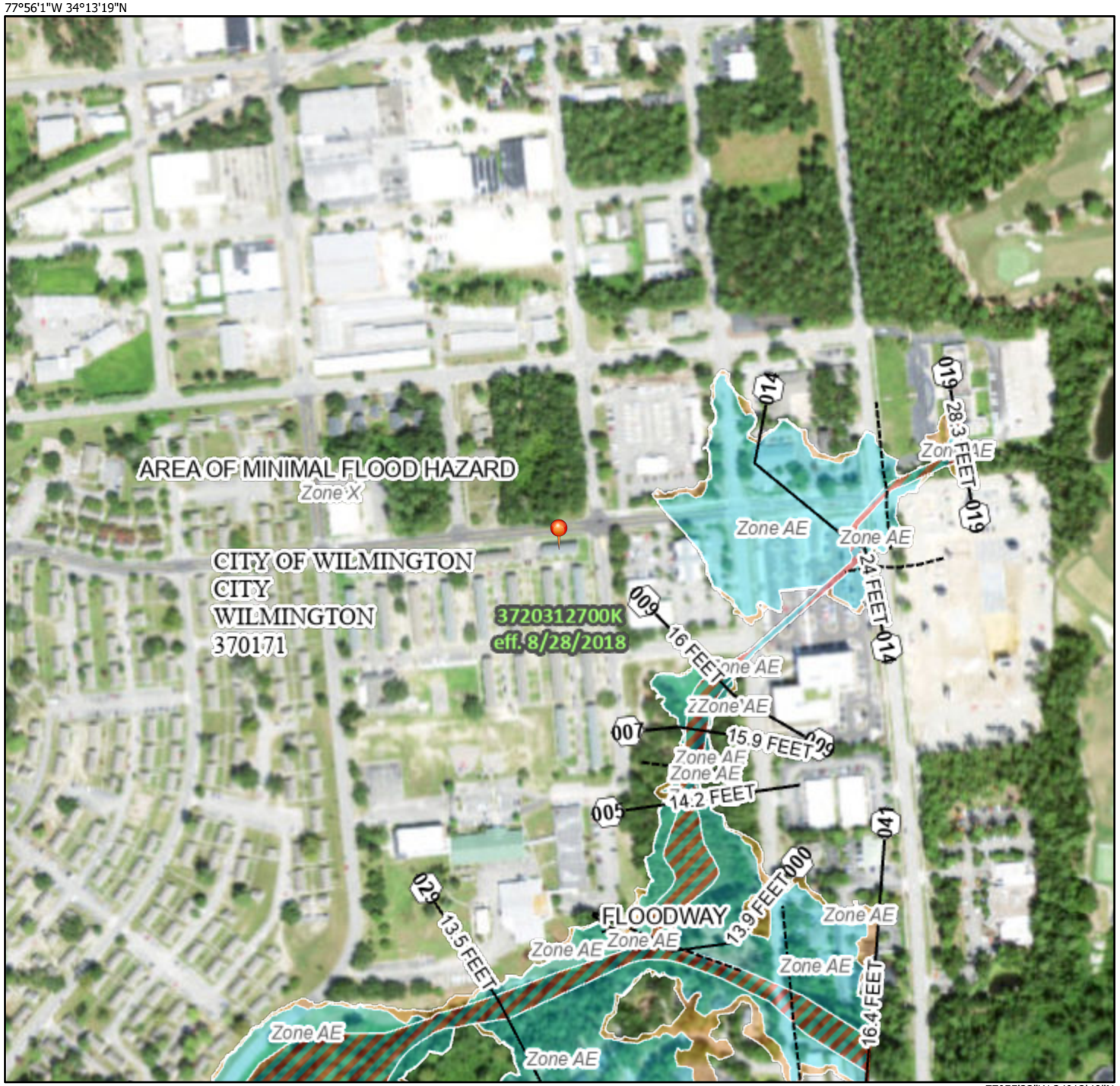
National Flood Hazard Layer FIRMette

FEMA

77°56'1"W 34°13'19"N



77°55'23"W 34°12'49"N

0 250 500 1,000 1,500 2,000 Feet

1:6,000

Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
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OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 Cross Sections with 1% Annual Chance
- 17.5 Water Surface Elevation
- Coastal Transect
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/1/2023 at 12:59 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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ATTACHMENT 5:

North Carolina Nonattainment/ Maintenance Status for Each County by Year for All Criteria Pollutants



North Carolina Nonattainment/Maintenance Status for Each County by Year for All Criteria Pollutants

Data is current as of May 31, 2023

Listed by County, NAAQS, Area. The 8-hour Ozone (1997) standard was revoked on April 6, 2015 and the 1-hour Ozone (1979) standard was revoked on June 15, 2005.

* The 1997 Primary Annual PM-2.5 NAAQS (level of 15 μg/m^3) is revoked in attainment and maintenance areas for that NAAQS. For additional information see the PM-2.5 NAAQS SIP Requirements Final Rule, effective October 24, 2016. (81 FR 58009)

Change the State:
NORTH CAROLINA GO

New Hanover County is not listed below.

Important Notes

Download National Dataset: dbf | xls | Data dictionary (PDF)

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or/ Part County	Population (2010)	State/ County FIPS Codes
NORTH CAROLINA								
Cabarrus County	8-Hour Ozone (1997)-NAAQS revoked	Charlotte-Gastonia-Rock Hill, NC-SC	04 05 06 07 08 09 10 11 12 13	01/02/2014	Moderate	Whole	178,011	37/025
Cabarrus County	8-Hour Ozone (2008)	Charlotte-Rock Hill, NC-SC	12 13 14	08/27/2015	Marginal	Part	176,928	37/025
Catawba County	PM-2.5 (1997)-NAAQS revoked	Hickory-Morganton-Lenoir, NC	05 06 07 08 09 10	12/19/2011 *	Former Subpart 1	Whole	154,358	37/035
Chatham County	8-Hour Ozone (1997)-NAAQS revoked	Raleigh-Durham-Chapel Hill, NC	04 05 06	12/26/2007	Former Subpart 1	Part	32,372	37/037
Davidson County	1-Hour Ozone (1979)-NAAQS revoked	Greensboro-Winston-Salem-High Point, NC	92	11/08/1993	Moderate	Whole	162,878	37/057
Davidson County	PM-2.5 (1997)-NAAQS revoked	Greensboro-Winston Salem-High Point, NC	05 06 07 08 09 10	12/19/2011 *	Former Subpart 1	Whole	162,878	37/057

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or/ Part County	Population (2010)	State/ County FIPS Codes
Davie County	1-Hour Ozone (1979)-NAAQS revoked	Greensboro-Winston-Salem-High Point, NC	92	11/08/1993	Moderate	Part	1	37/059
Durham County	1-Hour Ozone (1979)-NAAQS revoked	Raleigh-Durham, NC	9293	06/17/1994	Moderate	Whole	267,587	37/063
Durham County	8-Hour Ozone (1997)-NAAQS revoked	Raleigh-Durham-Chapel Hill, NC	040506	12/26/2007	Former Subpart 1	Whole	267,587	37/063
Durham County	Carbon Monoxide (1971)	Raleigh-Durham, NC	929394	09/18/1995	Moderate <= 12.7ppm	Whole	267,587	37/063
Edgecombe County	8-Hour Ozone (1997)-NAAQS revoked	Rocky Mount, NC	040506	01/05/2007	Former Subpart 1	Whole	56,552	37/065
Forsyth County	1-Hour Ozone (1979)-NAAQS revoked	Greensboro-Winston-Salem-High Point, NC	92	11/08/1993	Moderate	Whole	350,670	37/067
Forsyth County	Carbon Monoxide (1971)	Winston-Salem, NC	9293	11/07/1994	Moderate <= 12.7ppm	Whole	350,670	37/067
Franklin County	8-Hour Ozone (1997)-NAAQS revoked	Raleigh-Durham-Chapel Hill, NC	040506	12/26/2007	Former Subpart 1	Whole	60,619	37/069
Gaston County	1-Hour Ozone (1979)-NAAQS revoked	Charlotte-Gastonia, NC	929394	07/05/1995	Moderate	Whole	206,086	37/071
Gaston County	8-Hour Ozone (1997)-NAAQS revoked	Charlotte-Gastonia-Rock Hill, NC-SC	040506070809101112 13	01/02/2014	Moderate	Whole	206,086	37/071
Gaston County	8-Hour Ozone (2008)	Charlotte-Rock Hill, NC-SC	12 13 14	08/27/2015	Marginal	Part	190,849	37/071

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or/ Part County	Population (2010)	State/ County FIPS Codes
Granville County	1-Hour Ozone (1979)-NAAQS revoked	Raleigh-Durham, NC	9293	06/17/1994	Moderate	Part	17,725	37/077
Granville County	8-Hour Ozone (1997)-NAAQS revoked	Raleigh-Durham-Chapel Hill, NC	040506	12/26/2007	Former Subpart 1	Whole	59,916	37/077
Guilford County	1-Hour Ozone (1979)-NAAQS revoked	Greensboro-Winston-Salem-High Point, NC	92	11/08/1993	Moderate	Whole	488,406	37/081
Guilford County	PM-2.5 (1997)-NAAQS revoked	Greensboro-Winston Salem-High Point, NC	0506070809 10	12/19/2011 *	Former Subpart 1	Whole	488,406	37/081
Haywood County	8-Hour Ozone (1997)-NAAQS revoked	Haywood and Swain Counties (Great Smoky NP), NC	040506070809	01/06/2010	Former Subpart 1	Part	985	37/087
Iredell County	8-Hour Ozone (1997)-NAAQS revoked	Charlotte-Gastonia-Rock Hill, NC-SC	040506070809101112 13	01/02/2014	Moderate	Part	68,089	37/097
Iredell County	8-Hour Ozone (2008)	Charlotte-Rock Hill, NC-SC	121314	08/27/2015	Marginal	Part	65,899	37/097
Johnston County	8-Hour Ozone (1997)-NAAQS revoked	Raleigh-Durham-Chapel Hill, NC	040506	12/26/2007	Former Subpart 1	Whole	168,878	37/101
Lincoln County	8-Hour Ozone (1997)-NAAQS revoked	Charlotte-Gastonia-Rock Hill, NC-SC	040506070809101112 13	01/02/2014	Moderate	Whole	78,265	37/109
Lincoln County	8-Hour Ozone (2008)	Charlotte-Rock Hill, NC-SC	121314	08/27/2015	Marginal	Part	64,189	37/109

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or/ Part County	Population (2010)	State/ County FIPS Codes
Mecklenburg County	1-Hour Ozone (1979)-NAAQS revoked	Charlotte-Gastonia, NC	929394	07/05/1995	Moderate	Whole	919,628	37/119
Mecklenburg County	8-Hour Ozone (1997)-NAAQS revoked	Charlotte-Gastonia-Rock Hill, NC-SC	040506070809101112 13	01/02/2014	Moderate	Whole	919,628	37/119
Mecklenburg County	8-Hour Ozone (2008)	Charlotte-Rock Hill, NC-SC	12 13 14	08/27/2015	Marginal	Whole	919,628	37/119
Mecklenburg County	Carbon Monoxide (1971)	Charlotte, NC	929394	09/18/1995	Not Classified	Whole	919,628	37/119
Nash County	8-Hour Ozone (1997)-NAAQS revoked	Rocky Mount, NC	040506	01/05/2007	Former Subpart 1	Whole	95,840	37/127
Orange County	8-Hour Ozone (1997)-NAAQS revoked	Raleigh-Durham-Chapel Hill, NC	040506	12/26/2007	Former Subpart 1	Whole	133,801	37/135
Person County	8-Hour Ozone (1997)-NAAQS revoked	Raleigh-Durham-Chapel Hill, NC	040506	12/26/2007	Former Subpart 1	Whole	39,464	37/145
Rowan County	8-Hour Ozone (1997)-NAAQS revoked	Charlotte-Gastonia-Rock Hill, NC-SC	040506070809101112 13	01/02/2014	Moderate	Whole	138,428	37/159
Rowan County	8-Hour Ozone (2008)	Charlotte-Rock Hill, NC-SC	12 13 14	08/27/2015	Marginal	Part	130,057	37/159
Swain County	8-Hour Ozone (1997)-NAAQS revoked	Haywood and Swain Counties (Great Smoky NP), NC	040506070809	01/06/2010	Former Subpart 1	Part	3,288	37/173
Union County	8-Hour Ozone (1997)-NAAQS revoked	Charlotte-Gastonia-Rock Hill, NC-SC	040506070809101112 13	01/02/2014	Moderate	Whole	201,292	37/179

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or/ Part County	Population (2010)	State/ County FIPS Codes
Union County	8-Hour Ozone (2008)	Charlotte-Rock Hill, NC-SC	12 13 14	08/27/2015	Marginal	Part	176,055	37/179
Wake County	1-Hour Ozone (1979)-NAAQS revoked	Raleigh-Durham, NC	92 93	06/17/1994	Moderate	Whole	900,993	37/183
Wake County	8-Hour Ozone (1997)-NAAQS revoked	Raleigh-Durham-Chapel Hill, NC	04 05 06	12/26/2007	Former Subpart 1	Whole	900,993	37/183
Wake County	Carbon Monoxide (1971)	Raleigh-Durham, NC	92 93 94	09/18/1995	Moderate <= 12.7ppm	Whole	900,993	37/183

Important Notes

Discover. **Connect.** **Ask.**

Follow.

2023-05-31

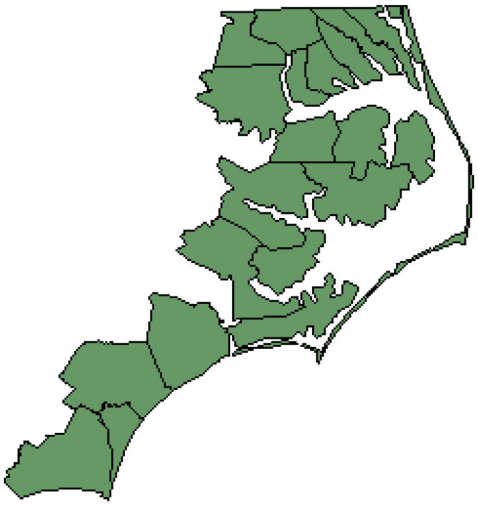
ATTACHMENT 6:

NC Division of Coastal Zone Management Counties Map and List and NCORR and NC DCM Correspondence

NORTH CAROLINA
Environmental Quality

CAMA Counties

The following counties are subject to the rules and policies of the Coastal Resources Commission, which administers the Coastal Area Management Act. If you are planning to develop in one of these counties, check to see whether your project is also in an Area of Environmental Concern (https://deq.nc.gov/about/divisions/coastal-management/coastal-management-rules/coastal-development-rules). If it is, you may need a CAMA permit.

CAMA Counties		
• Beaufort • Bertie • Brunswick • Camden • Carteret • Chowan • Craven • Currituck • Dare • Gates	• Hertford • Hyde • New Hanover • Onslow • Pamlico • Pasquotank • Pender • Perquimans • Tyrrell • Washington	

Showing 1 to 1 of 1 entries

About Coastal Management

Gievers, Andrea

From: Govoni, Daniel
Sent: Friday, May 5, 2023 9:36 AM
To: Gievers, Andrea
Subject: RE: No Consult Needed When No "Development"

Hello Andrea,

A Federal Consistency determination is not required since the proposal is not considered development and will not have any possible coastal effects. Please let me know if you have any questions. Thank you

Daniel M. Govoni
Policy Analyst
Federal Consistency Coordinator
NC Division of Coastal Management
Department of Environmental Quality

252-515-5435
Daniel.Govoni@ncdenr.gov

400 Commerce Avenue
Morehead City, NC 28557

Email correspondence to and from this address is subject to the North Carolina Public Records Law and may be disclosed to third parties.

From: Gievers, Andrea <andrea.l.gievers@rebuild.nc.gov>
Sent: Friday, May 5, 2023 9:34 AM
To: Govoni, Daniel <daniel.govoni@ncdenr.gov>
Subject: No Consult Needed When No "Development"

Hello Mr. Govoni:

I am just sending this email to confirm that HUD-funded proposed project's activities that do not meet the definition of "Development" under NC Gen Stat §113A-103(5)(a) are not required to consult with your office for a consistency determination under North Carolina's approved coastal management program pursuant to the management objectives and enforceable policies of Subchapters 7H and 7M of Chapter 7 in Title 15A of the North Carolina Administrative Code. More information on a specific proposed project is below. Thank you so much for your assistance!

The North Carolina Office of Recovery and Resiliency (NCORR), as a recipient of Community Development Block Grant – Disaster Recovery (CDBG-DR) funds from the United States Department of Housing and Urban Development (HUD), is considering funding a proposed Public Housing Restoration Fund project, the **Wilmington Housing Authority Scattered Sites Rehabilitation Project** located at **Woodbridge Apartments** (20 Units), **Creekwood** (14 Units), **Creekwood South** (6 Units), and **Houston Moore** (1 Unit) in Wilmington, New Hanover County, NC. The Wilmington Housing Authority (WHA) will use the HUD CDBG-DR funding to complete repairs, replacements, and mold remediation at 41 public housing units severely damaged by Hurricane Florence. The proposed project activities include repairing and/or replacing drywall, plumbing, appliances, water heaters, broken windows, and duct work; painting; patching; and mold remediation of cleaning ducts and identified affected interior areas. There are 164 low-income (30%-50% area median income [AMI]) residents, comprised of 41 adults and 123 children, who have been displaced from these 41 currently vacant units. Woodbridge Apartments contain the only units that have been torn out down to the studs. ***The proposed project is a renovation and mold remediation project inside existing public housing with no proposed ground disturbance.***

Sincerely,

Andrea

Andrea Gievers, JD, MSEL, ERM
Environmental SME
Community Development
NC Office of Recovery and Resiliency
Andrea.L.Gievers@Rebuild.NC.Gov
(845) 682-1700

Email correspondence to and from this address may be subject to the North Carolina Public Records Law and may be disclosed to third parties by an authorized state official.

ATTACHMENT 7a:

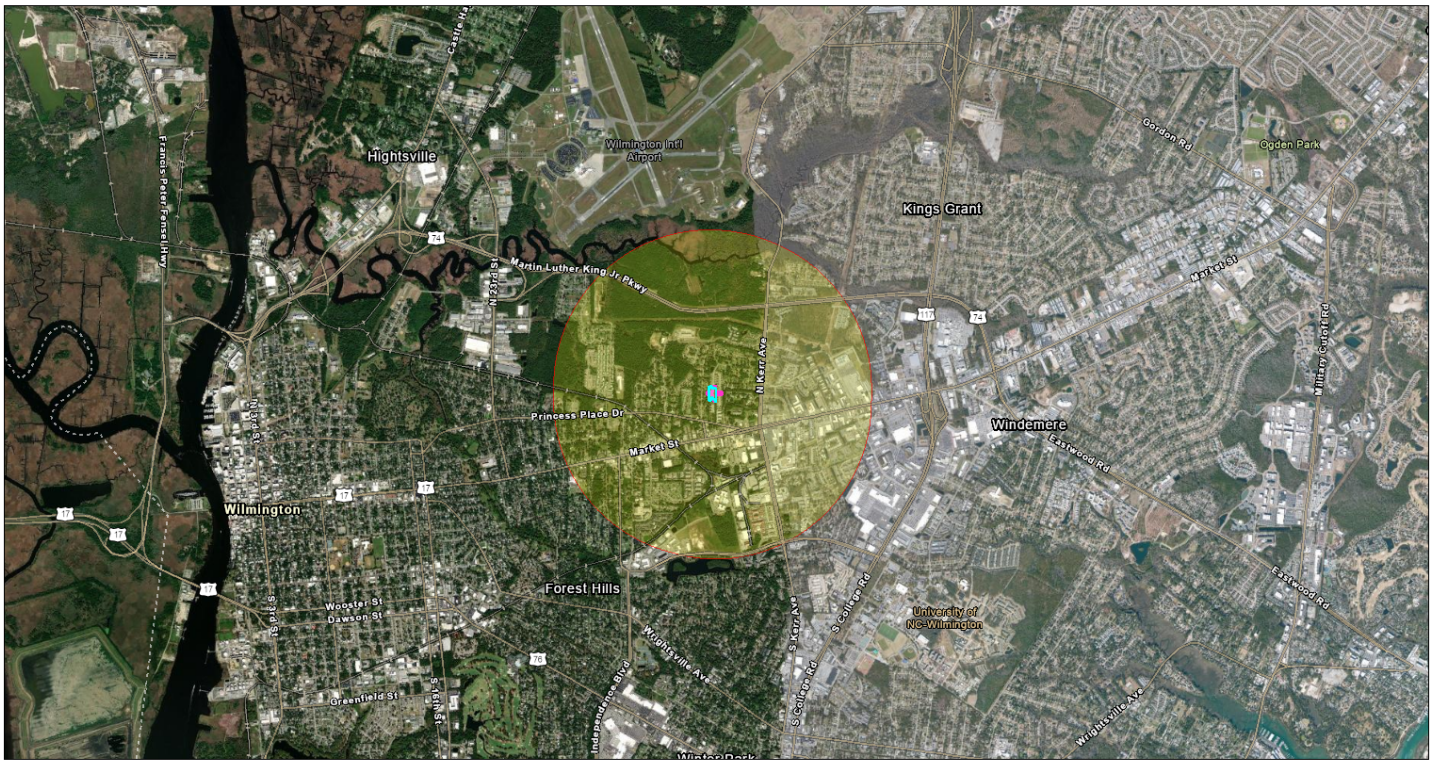
Contamination and Toxic Substances

NEPAssist EPA Facilities Report with 1-mile Buffer, NEPAssist Facilities by Type, NC DEQ DWM Site Locator Reports with 1-mile, 0.5-mile, and 3,000-foot Buffer, Facility Reports, Phase I ESAs, and EPA NC Radon Level Map

Woodbridge Apartments (20 Units) at 302 Grass Lane, Wilmington, NC 28405 (Unit #s 101-110, 201-205, 207 & 209-212)

NEPAssist Report

Woodbridge Apartments



April 28, 2023

Project Buffer

Woodbridge Apartments

Search Result (point)

1:44,501

0 0.45 0.9 1.8 mi

0 0.75 1.5 3 km

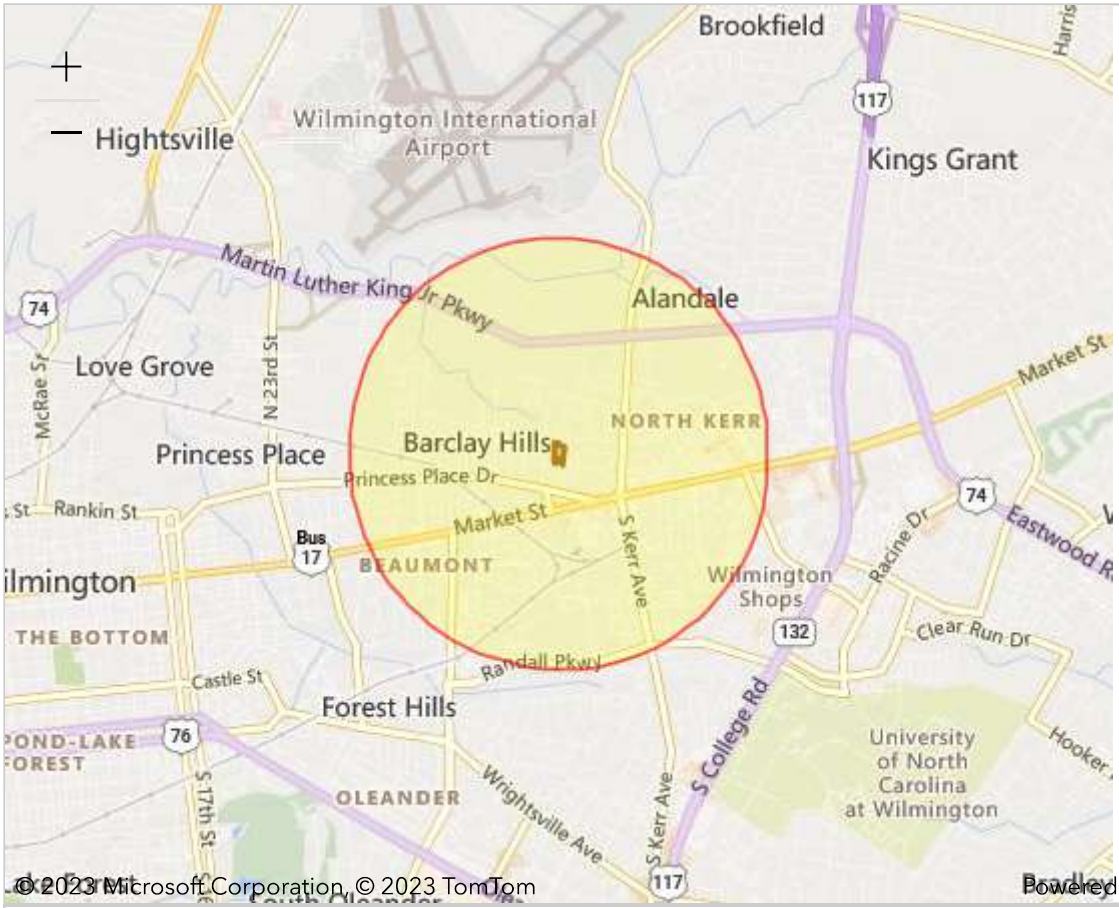
NC CGIA, Maxar, State of North Carolina DOT, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA

Input Coordinates: 34.246533,-77.895517,34.246373,-77.895517,34.246355,-77.895034,34.245016,-77.895055,34.245247,-77.895141,34.245504,-77.895410,34.245406,-77.895560,34.245353,-77.895506,34.245291,-77.895570,34.245211,-77.895699,34.245194,-77.895806,34.246542,-77.895796,34.246533,-77.895517

Project Area	0.00 sq mi
Within 1 mile of an Ozone 8-hr (1997 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of an Ozone 8-hr (2008 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a Lead (2008 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a SO2 1-hr (2010 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a PM2.5 24hr (2006 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a PM2.5 Annual (1997 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a PM2.5 Annual (2012 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a PM10 (1987 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a Federal Land?	no
Within 1 mile of an impaired stream?	no
Within 1 mile of an impaired waterbody?	yes
Within 1 mile of a waterbody?	yes
Within 1 mile of a stream?	yes
Within 1 mile of an NWI wetland?	Available Online
Within 1 mile of a Brownfields site?	no
Within 1 mile of a Superfund site?	no
Within 1 mile of a Toxic Release Inventory (TRI) site?	no
Within 1 mile of a water discharger (NPDES)?	no

Within 1 mile of a hazardous waste (RCRA) facility?	yes
Within 1 mile of an air emission facility?	no
Within 1 mile of a school?	yes
Within 1 mile of an airport?	no
Within 1 mile of a hospital?	no
Within 1 mile of a designated sole source aquifer?	no
Within 1 mile of a historic property on the National Register of Historic Places?	no
Within 1 mile of a Toxic Substances Control Act (TSCA) site?	no
Within 1 mile of a Land Cession Boundary?	no
Within 1 mile of a tribal area (lower 48 states)?	no
Within 1 mile of the service area of a mitigation or conservation bank?	yes
Within 1 mile of the service area of an In-Lieu-Fee Program?	yes
Within 1 mile of a Public Property Boundary of the Formerly Used Defense Sites?	yes
Within 1 mile of a Munitions Response Site?	no
Within 1 mile of an Essential Fish Habitat (EFH)?	no
Within 1 mile of a Habitat Area of Particular Concern (HAPC)?	no
Within 1 mile of an EFH Area Protected from Fishing (EFHA)?	yes
Within 1 mile of a Bureau of Land Management Area of Critical Environmental Concern?	no
Within 1 mile of an ESA-designated Critical Habitat Area per U.S. Fish & Wildlife Service?	no
Within 1 mile of an ESA-designated Critical Habitat river, stream or water feature per U.S. Fish & Wildlife Service?	no

Created on: 4/28/2023 4:33:29 PM



Report question: *Within 1 of a Hazardous waste site?* yes

Modify question by entering a new buffer distance and unit for the selected study area:

1 | miles | Submit

Name	Distance
LOWES OF WILMINGTON (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCD986173151)	0.70 mile
HAMILTON GLASS (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCR000000083)	0.62 mile
OATEY - HUBBARD SUPPLY (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCP083118196)	0.61 mile
FAST FARE NC 728 (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCD986175537)	0.67 mile
RITE AID #11520 (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCR000157073)	0.38 mile
CVS PHARMACY #4846 (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCR000152538)	0.59 mile
SCHAEFFER BUICK INC (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCD981861594)	0.96 mile
FACTORY FINISH COLLISION INC (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCS000001470)	0.55 mile
PARK & ROYAL SPECIALITY CLEANERS (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NC0000124693)	0.57 mile

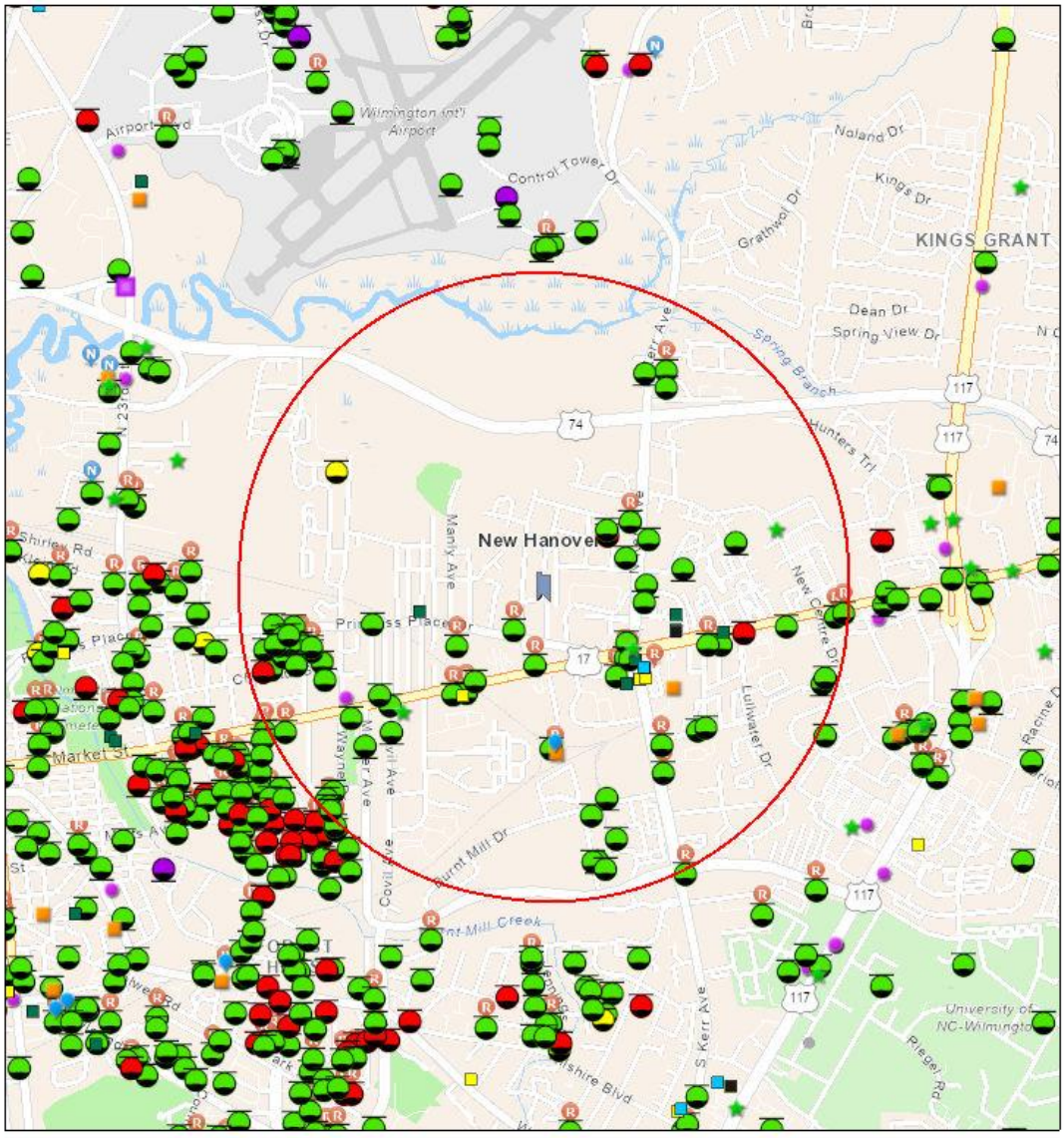
Name	Distance
☐ NCDSCA DC650009(COASTAL CLEANERS) (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCR000145664)	0.36 mile
☐ EARLS WRECKER SERVICE (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCS000001567)	0.54 mile
☐ US ARMY CORPS OF ENGINEERS (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NC9210800000)	0.59 mile
☐ TARGET STORE T1107 (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCR000008797)	0.78 mile
☐ CITY OF WILMINGTON POLICE DEPARTMENT (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCR000173583)	0.54 mile
☐ COASTAL DRY CLEANERS (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCD981031610)	0.36 mile
☐ COSMOPROF #6522 (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCR000176669)	0.40 mile
☐ SALLY BEAUTY SUPPLY #2346 (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCR000176263)	0.80 mile
☐ NCDSCA DC650008(KINGS LAUNDRY) (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCR000145698)	0.45 mile
☐ WES HOWELL VOLVO (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCD986189231)	0.23 mile
☐ R & R MACHINE (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCS000001568)	0.58 mile

Screening Report - Woodbridge Apartments with 1-mile Buffer

Area of Interest (AOI) Information

Area : 95,173,600.69 ft²

May 3 2023 15:01:09 Eastern Daylight Time



Hazardous Waste Sites

#	HANDLER_ID	SITE_NAME	Count
1	NCR000008797	TARGET STORE T1107	1
2	NCR000145664	NCDSCA 065-0009 (COASTAL CLEANERS)	1
3	NCR000152538	CVS PHARMACY #4846	1

Brownfields Program Sites

#	BF_ID	BF_Name	Count
1	1801614065	Wetsig Yachts	1

Inactive Hazardous Sites

#	EPAID	SITENAME	Count
1	NONCD0001105	WETSIG YACHTS	1
2	NONCD0001330	BECKER BUILDERS SUPPLY COMPANY	1

DryCleaning Compliance

#	Facility_ID	Facility_Name	Count
1	650013C	COASTAL DRY CLEANERS	1

DryCleaning Remediation Program

#	Site_ID	Site_Name	Count
1	DC650008	Kings Laundry	1
2	DC650009	Coastal Cleaners	1

DryCleaning Historical Boiler Inspections

#	Drycleaner	InspDate	Count
1	COASTAL DRY CLEANERS	8/20/1988	1
2	COASTAL DRY CLEANERS	11/5/1994	1
3	HANOVER CLEANERS	9/16/1977	1

DryCleaning City Directories

#	Drycleaner	Address	Count
1	One Hour Martinizing	1 South Kerr Avenue, Wilmington,NC	1
2	Seven Day Laundromat	405 Henry Street, Wilmington,NC	1
3	Coin-Op Laundry Mat	4402 Market Street, Wilmington,NC	1
4	North Seventeen Laundry-Mat	4402 Market Street, Wilmington,NC	1
5	One Hour Martinizing	9 South Kerr Avenue, Wilmington,NC	1
6	One Hour Martinizing	Market Plaza, Wilmington,NC	1
7	King's Laundry Mat	4615 Market Street, Wilmington,NC	2

UST Incidents

#	IncidentNumber	IncidentName	Count
1	5505	TOM SWAIN RESIDENCE	1
2	5812	GEORGIA PACIFIC	1
3	6964	CITY OF WILMINGTON-FIRE STATION #3	1
4	7155	FAST FARE # 728	1
5	9080	THE FURNITURE OUTLET	1
6	9578	MAOLA MILK & ICE CREAM-WILMINGTON	1
7	11708	MARKET ST. E-Z SERVE	1
8	11736	MARKET ST. CAR WASH (FORMER)	1
9	12354	SCHAEFFER BUICK	1
10	13893	SATURN OF WILMINGTON	1
11	15319	GAS CENTER # 3	1
12	16407	S-E FOOD MART # 2	1
13	17907	GAS WORLD #1	1
14	18092	TRIANGLE RENT-A-CAR	1
15	18247	GEORGIA PACIFIC CORP.	1
16	18325	DAVIS, DON PROPERTY	1
17	18694	CREEKWOOD MINI MART	1
18	21122	NEWELL RESIDENCE	1
19	22002	VIRGINIA EDGERTON PROPERTY	1
20	22022	WALLACE, H.C. PROPERTY	1
21	32010	JACKSON RESIDENCE, JEAN	1
22	32020	DOWING RESIDENCE, LON	1
23	32039	WETSIG YACHT FACILITY	1
24	32083	KAYO STATION, FORMER	1
25	32140	JACOB PROPERTY	1
26	32162	POE RESIDENCE	1
27	32163	POLGAR (SYLVIA) RESIDENCE	1
28	32172	HOYT RESIDENCE (MARK)	1
29	32207	BLOUNT ELEMENTARY SCHOOL	1
30	32250	HEMMINGWAY PROPERTY (THELMA)	1
31	32280	CREECH PROPERTY (MELVIN)	1
32	32326	PITTS PROPERTY (NED)	1
33	32392	BARNHILL PROPERTY (EUGENE)	1
34	32399	UNDERWOOD ESTATE (HARRIET)	1
35	32431	NORTH 17 SHOPPING CENTER	1
36	32508	KERR AVENUE-1134N	1
37	32555	CHESTNUT ST-2914	1
38	32683	PARKER RESIDENCE	1
39	32702	MARKET ST, 2802	1
40	32704	4102 EMERSON ST	1
41	32875	WILLOW STREET- 2802	1

42	32876	SCOTCHMAN # 3321	1
43	32877	SCOTCHMAN #3261	1
44	32935	S. KERR AVE-223 (FORMER KERR WASH)	1
45	32970	STRADLEIGH ROAD-317	1
46	32997	503 CLOVER RD	1
47	43002	WILLOW ST-2809	1
48	43007	MARLBORO STREET-319	1
49	43014	29TH ST (N) -302	1
50	43025	CAMPBELL, DORIS	1
51	43060	Chestnut Street - 2701	1
52	43100	handee hugos 28	1
53	43167	Horizon Home Buyers, Inc. Property	1
54	43176	N. Kerr Ave - 504	1
55	43187	North 27th Street - 302	1
56	43201	Chestnut Street -2819	1
57	47047	Kerr Ave - 204 N.	1
58	47429	Willow Street - 2713	1
59	47441	Willow Street - 2711	1
60	48772	Princess Place Dr - 2808	1
61	48903	Lafam Estates LLC Property	1
62	*No Data*	ENTERPRISE CAR RENTAL	1
63	*No Data*	DAYS INN	1

Non-UST Incidents

#	IncidentNumber	IncidentName	Count
1	14565	HARRIS ELECTRIC COMPANY	1
2	85482	GEORGIA PACIFIC CORP	1
3	85489	GEORGIA PACIFIC	1
4	85744	ELOUSIE ANDREWS RESIDENCE	1
5	86014	CP & L	1
6	86068	UNIQUE TENDER CARE	1
7	94044	wilmington hyundai	1
8	94375	Kerr Ave - 304 N	1
9	94389	DUKE ENERGY - 532 COBBLESTONE DR	1
10	*No Data*	GFL Hunt Club rd	1

UST Active Facilities

#	FACILID	FACILNAME	Count
1	00-0-0000001436	GAS CENTER 3	1
2	00-0-0000022514	BOSWELL DENTAL LAB	1
3	00-0-0000036162	HAN-DEE HUGOS 28	1

Land Use Restriction and/or Notices

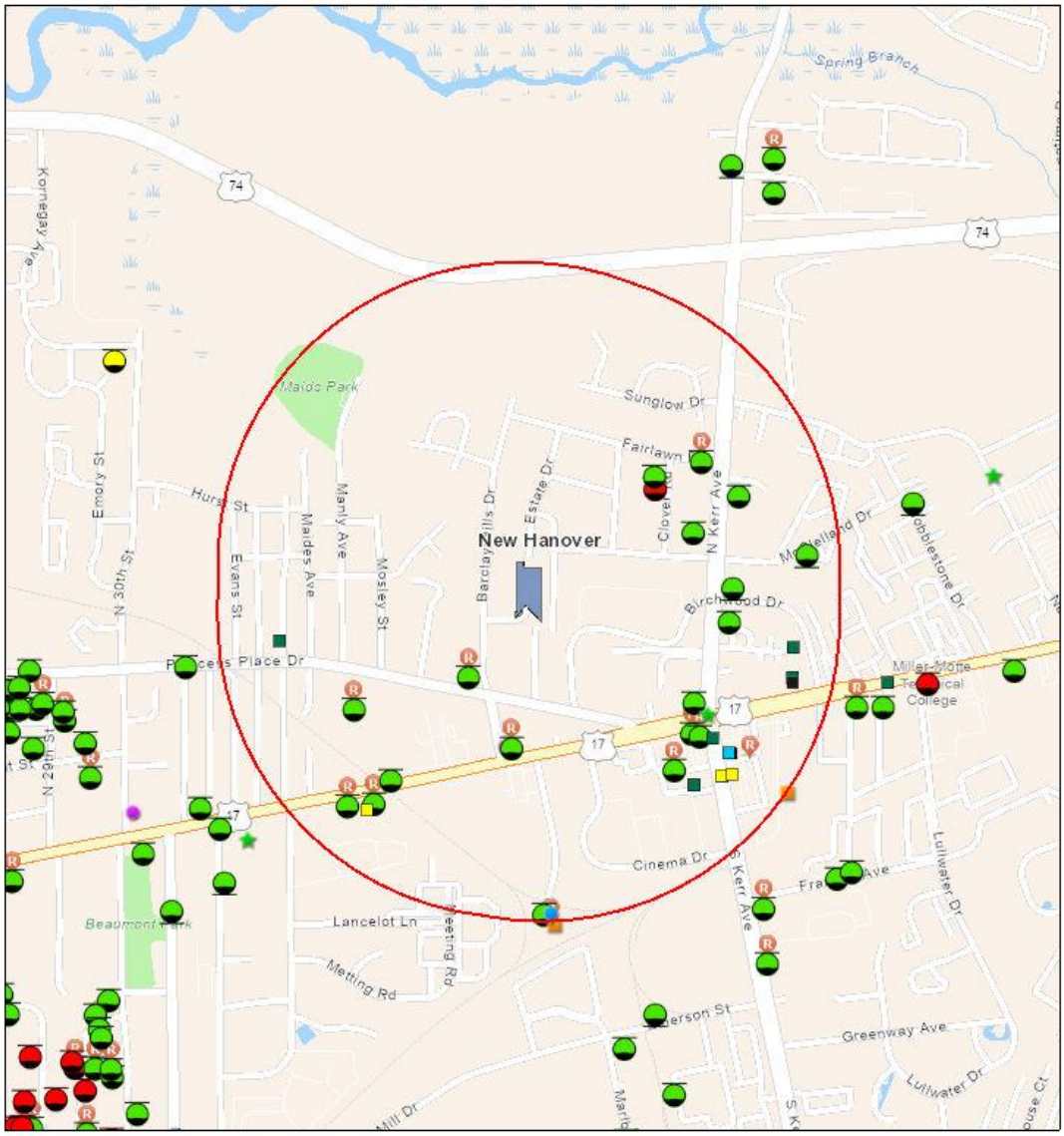
#	Prj_Number	Prj_Name	Count
1	18016-14-065	Wetsig Yachts	1
2	DC650009	Coastal Cleaners	1
3	WI-1008	THE FURNITURE OUTLET	1
4	WI-1028	MAOLA MILK & ICE CREAM-WILMINGTON	1
5	WI-1125	MARKET ST. CAR WASH (FORMER)	1
6	WI-1315	GAS CENTER # 3	1
7	WI-1386	S-E FOOD MART # 2	1
8	WI-1511	GAS WORLD #1	1
9	WI-1783	NEWELL RESIDENCE	1
10	WI-2343	KAYO STATION, FORMER	1
11	WI-2439	HOYT RESIDENCE (MARK)	1
12	WI-305	NORTH 17 SHOPPING CENTER	1
13	WI-7044	BLOUNT ELEMENTARY SCHOOL	1
14	WI-7152	CREECH PROPERTY (MELVIN)	1
15	WI-7196	PITTS PROPERTY (NED)	1
16	WI-7272	UNDERWOOD ESTATE (HARRIET)	1
17	WI-7443	CHESTNUT ST-2914	1
18	WI-7582	PARKER RESIDENCE	1
19	WI-7606	MARKET ST, 2802	1
20	WI-7797	WILLOW STREET- 2802	1
21	WI-7802	SCOTCHMAN#3261	1
22	WI-7869	S. KERR AVE-223 (FORMER KERR WASH)	1
23	WI-7954	WILLOW ST-2809	1
24	WI-7966	29TH ST (N) -302	1
25	WI-8028	Chestnut Street - 2701	1
26	WI-932	CITY OF WILMINGTON-FIRE STATION #3	1
27	WI-964	FAST FARE # 728	1

Screening Report - Woodbridge Apartments with 0.5-mile Buffer

Area of Interest (AOI) Information

Area : 25,748,179.36 ft²

May 3 2023 14:57:30 Eastern Daylight Time



WHA Scattered Sites Rehabilitation Project - Woodbridge Apartments - shapefile

Hazardous Waste Sites

Brownfields Program Sites

Inactive Hazardous Sites

DryCleaning Compliance

DryCleaning Remediation Program

Contaminated

1:18,056

0 0.13 0.25 0.5 mi

0 0.2 0.4 0.8 km

NCDOT GIS Unit, Esri Community Maps Contributors, State of North Carolina DOT, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA

Hazardous Waste Sites

#	HANDLER_ID	SITE_NAME	Count
1	NCR000145664	NCDSCA 065-0009 (COASTAL CLEANERS)	1

DryCleaning Compliance

#	Facility_ID	Facility_Name	Count
1	650013C	COASTAL DRY CLEANERS	1

DryCleaning Remediation Program

#	Site_ID	Site_Name	Count
1	DC650008	Kings Laundry	1
2	DC650009	Coastal Cleaners	1

DryCleaning Historical Boiler Inspections

#	Drycleaner	InspDate	Count
1	COASTAL DRY CLEANERS	8/20/1988	1
2	COASTAL DRY CLEANERS	11/5/1994	1
3	HANOVER CLEANERS	9/16/1977	1

DryCleaning City Directories

#	Drycleaner	Address	Count
1	One Hour Martinizing	1 South Kerr Avenue, Wilmington,NC	1
2	Seven Day Laundromat	405 Henry Street, Wilmington,NC	1
3	Coin-Op Laundry Mat	4402 Market Street, Wilmington,NC	1
4	North Seventeen Laundry-Mat	4402 Market Street, Wilmington,NC	1
5	One Hour Martinizing	9 South Kerr Avenue, Wilmington,NC	1
6	King's Laundry Mat	4615 Market Street, Wilmington,NC	2

UST Incidents

#	IncidentNumber	IncidentName	Count
1	6964	CITY OF WILMINGTON-FIRE STATION #3	1
2	9080	THE FURNITURE OUTLET	1
3	15319	GAS CENTER # 3	1
4	17907	GAS WORLD #1	1
5	21122	NEWELL RESIDENCE	1
6	32039	WETSIG YACHT FACILITY	1
7	32083	KAYO STATION, FORMER	1
8	32207	BLOUNT ELEMENTARY SCHOOL	1
9	32392	BARNHILL PROPERTY (EUGENE)	1
10	32431	NORTH 17 SHOPPING CENTER	1
11	32876	SCOTCHMAN # 3321	1
12	32877	SCOTCHMAN #3261	1
13	32997	503 CLOVER RD	1
14	43025	CAMPBELL, DORIS	1
15	43176	N. Kerr Ave - 504	1
16	47047	Kerr Ave - 204 N.	1
17	48903	Lafam Estates LLC Property	1

Non-UST Incidents

#	IncidentNumber	IncidentName	Count
1	86014	CP & L	1
2	94375	Kerr Ave - 304 N	1

UST Active Facilities

#	FACILID	FACILNAME	Count
1	00-0-0000001436	GAS CENTER 3	1

Land Use Restriction and/or Notices

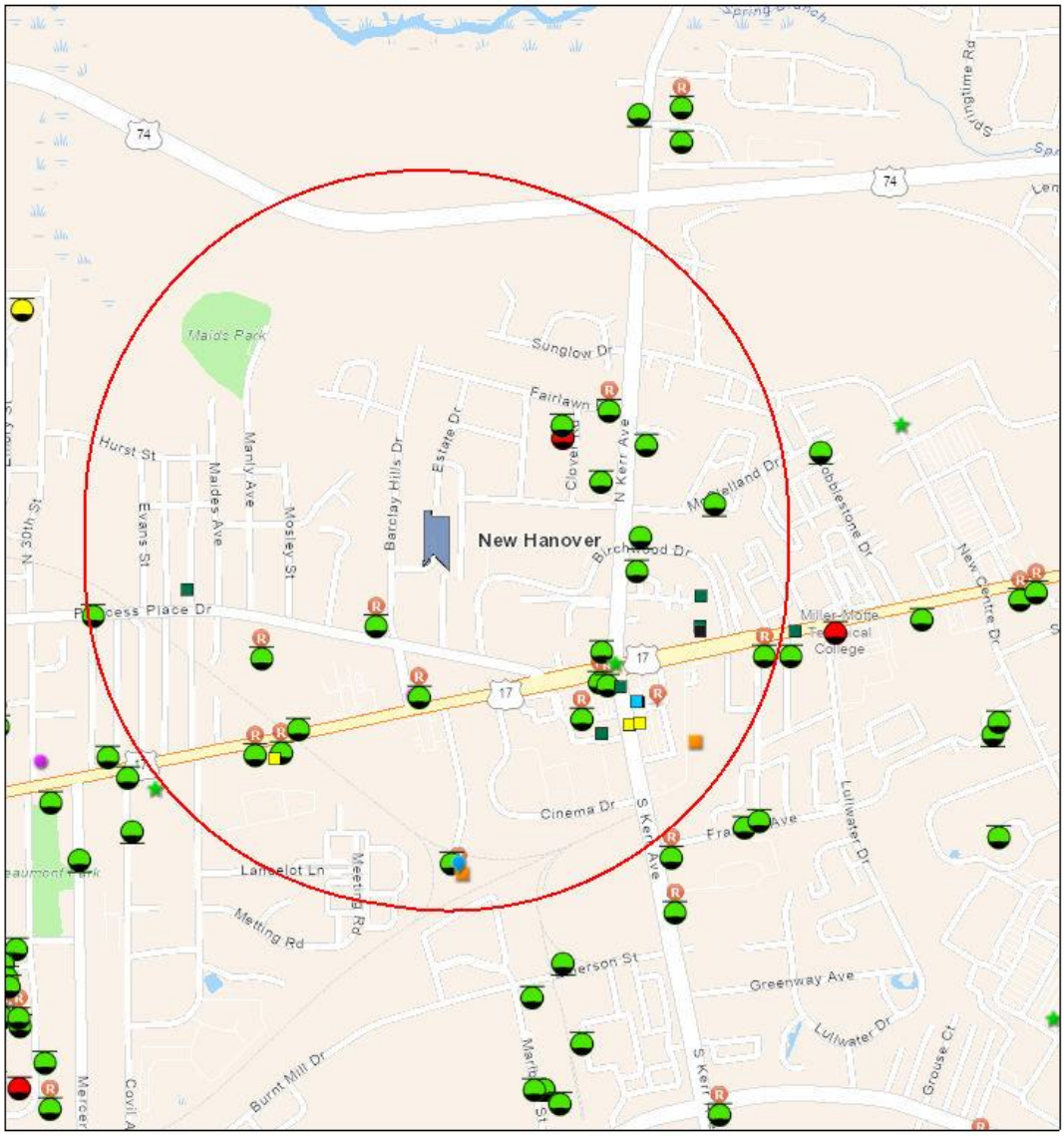
#	Prj_Number	Prj_Name	Count
1	DC650009	Coastal Cleaners	1
2	WI-1008	THE FURNITURE OUTLET	1
3	WI-1315	GAS CENTER # 3	1
4	WI-1511	GAS WORLD #1	1
5	WI-1783	NEWELL RESIDENCE	1
6	WI-2343	KAYO STATION, FORMER	1
7	WI-305	NORTH 17 SHOPPING CENTER	1
8	WI-7044	BLOUNT ELEMENTARY SCHOOL	1
9	WI-7802	SCOTCHMAN#3261	1
10	WI-932	CITY OF WILMINGTON-FIRE STATION #3	1

Screening Report - Woodbridge Apartments w/ 3,000 feet Buffer

Area of Interest (AOI) Information

Area : 32,640,842.88 ft²

May 3 2023 14:52:27 Eastern Daylight Time



WHA Scattered Sites Rehabilitation Project - Woodbridge Apartments - shapefile

Hazardous Waste Sites

Brownfields Program Sites

Inactive Hazardous Sites

DryCleaning Compliance

DryCleaning Remediation Program

Contaminated

1:18,056

0 0.13 0.25 0.5 mi

0 0.2 0.4 0.8 km

NCDOT GIS Unit, Esri Community Maps Contributors, State of North Carolina DOT, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA

Hazardous Waste Sites

#	HANDLER_ID	SITE_NAME	Count
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Brownfields Program Sites

#	BF_ID	BF_Name	Count
1	1801614065	Wetsig Yachts	1

Inactive Hazardous Sites

#	EPAID	SITENAME	Count
1	NONCD0001105	WETSIG YACHTS	1
2	NONCD0001330	BECKER BUILDERS SUPPLY COMPANY	1

DryCleaning Compliance

#	Facility_ID	Facility_Name	Count
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#	Site_ID	Site_Name	Count
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5	One Hour Martinizing	9 South Kerr Avenue, Wilmington,NC	1
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3	11736	MARKET ST. CAR WASH (FORMER)	1
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5	17907	GAS WORLD #1	1
6	21122	NEWELL RESIDENCE	1
7	22022	WALLACE, H.C. PROPERTY	1
8	32039	WETSIG YACHT FACILITY	1
9	32083	KAYO STATION, FORMER	1
10	32207	BLOUNT ELEMENTARY SCHOOL	1
11	32392	BARNHILL PROPERTY (EUGENE)	1
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2	DC650009	Coastal Cleaners	1
3	WI-1008	THE FURNITURE OUTLET	1
4	WI-1125	MARKET ST. CAR WASH (FORMER)	1
5	WI-1315	GAS CENTER # 3	1
6	WI-1511	GAS WORLD #1	1
7	WI-1783	NEWELL RESIDENCE	1
8	WI-2343	KAYO STATION, FORMER	1
9	WI-305	NORTH 17 SHOPPING CENTER	1
10	WI-7044	BLOUNT ELEMENTARY SCHOOL	1
11	WI-7802	SCOTCHMAN#3261	1
12	WI-932	CITY OF WILMINGTON-FIRE STATION #3	1

PHASE I ENVIRONMENTAL SITE ASSESSMENT



WILMINGTON HOUSING AUTHORITY - WOODBRIDGE

302 GRASS LANE
WILMINGTON, NORTH CAROLINA 28405

ECS PROJECT NO. 49:20023

FOR: WILMINGTON HOUSING AUTHORITY

APRIL 18, 2023

April 18, 2023

Ms. Chauntrell Burns
Wilmington Housing Authority
1524 S. 16th Street
Wilmington, North Carolina 28401

ECS Project No. 49: 20023

Reference: Phase I Environmental Site Assessment Report, Wilmington Housing Authority - Woodbridge, 302 Grass Lane, Wilmington, New Hanover County, North Carolina 28405

Dear Ms. Burns:

ECS Southeast, LLP (ECS) is pleased to provide you with the results of our Phase I Environmental Site Assessment (ESA) for the referenced site. ECS's services were provided in general accordance with ECS Proposal No. 49:36219P authorized on April 4, 2023 and generally meet the requirements of ASTM E1527-21, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, which ECS believes to be in accordance with EPA Standards and Practices for All Appropriate Inquiries contained in 40 CFR Part 312.

If there are questions regarding this report, or a need for further information, please contact the undersigned.

Sincerely,

ECS Southeast, LLP





Shannon L. Priester, REM
Environmental Project Manager
spriester@ecslimited.com
919-861-9910

Lori Parker, CEM, CPESC
Environmental Principal
lparker@ecslimited.com
615-885-4983

Project Summary

Wilmington Housing Authority - Woodbridge
302 Grass Lane
Wilmington, North Carolina 28405

Report Section		No Further Action	REC	CREC	HREC	BER	Comment
4.0	User Provided Information	✔					
5.1	Federal ASTM Databases	✔					
5.2	State ASTM Databases	✔					
5.3	Additional Environmental Record Sources	✔					
6.0	Historical Use Information	✔					
7.0	Site and Area Reconnaissance	✔					
8.0	Additional Services					✔	ECS considers the potential for asbestos containing materials to represent a BER.
9.0	Interviews	✔					

ENVIRONMENTAL PROFESSIONAL STATEMENT

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



Shannon L. Priester, REM
Environmental Project Manager
April 18, 2023



Lori Parker, CEM, CPESC
Environmental Principal
April 18, 2023

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Appendix VI: Statement of Qualifications

Appendix VII: Acronyms

1.0 EXECUTIVE SUMMARY

ECS Southeast, LLP (ECS) was contracted by Wilmington Housing Authority to perform an ASTM E1527-21, Phase I Environmental Site Assessment (ESA) of the Wilmington Housing Authority - Woodbridge property located at 302 Grass Lane in Wilmington, New Hanover County, North Carolina (i.e. subject property). This Executive Summary is an integral part of the Phase I ESA report. ECS recommends that the report be read in its entirety.

The subject property is identified by the New Hanover County Online Geographical Information Services (GIS) database as Parcel Identification Number (PIN) R04910-006-022-000 and is owned by Wilmington Housing Authority. The 2.10-acre subject property consists of a two-story multifamily residential structure reportedly constructed in 1993, associated parking areas, a playground, and grassed area. According to Dr. John Batey, the property manger, the northern half of the structure consists of vacant tenant space due to ongoing renovations. Vegetation is located along the eastern and western boundaries. A dumpster was observed on the southwestern portion. Three pad-mounted transformers are located on the northern, eastern, and southern portions. Non-PCB indicators were observed on each transformer. The subject property is serviced with water and sewer services from Cape Fear Public Utility Authority and electricity from Duke Energy. Each tenant space at the subject property is serviced with electrical HVAC.

The subject property is located in a residential area of Wilmington, North Carolina. Based on our review of site topography and conditions observed during the site reconnaissance, it is our opinion that properties to the east and south are presumed to be hydrogeologically up-gradient of the subject property. The adjoining properties to the north of the subject property consist of single-family residences; to the east by single-family residences; to the south by multifamily residences; and to the west by wooded land, beyond which are single-family residences. ECS did not identify environmental issues associated with current occupants or activities at adjoining or nearby properties that are believed to present a recognized environmental condition (REC) at the subject property.

Based on the records search, site reconnaissance and interviews, it appears that the subject property consisted of agricultural and undeveloped, wooded land from at least 1938 until at least 1956, when it transitioned into primarily undeveloped, and wooded land by 1966. The existing residential housing complex was constructed in 1993. Grass Lane has been present on the southeastern portion of the property since at least 1993. The property has consisted of a residential housing complex, Grass Lane, paved parking lot, and wooded land along the western boundary since at least 1998 to present. Historical records prior to 1938 were not reasonably ascertainable for the subject property.

Portions of the subject property were historically and currently used as agricultural land. Such use of the subject property may have included the storage and use of beneficial agricultural products such as fungicides, herbicides, and/or fertilizers. The legal use (i.e., in accordance with the manufacturers' specifications and customary practices) of such substances, in the course of standard operational practices does not constitute a “release to the environment.” Further, reasonably ascertainable information was not observed during the course of our assessment, including historical records review, or field reconnaissance observations regarding past site history, that a past release of such substances had occurred. Therefore, the mere presence of this historical land use does not meet the definition of a REC.

Our review of historical information for adjoining or nearby properties identified the area as originally occupied by agricultural and undeveloped, wooded land. Residential development began to the northwest and west by at least 1966, to the south by at least 1993, and to the north and east by at least 2004. Sunn Aire Court and Grass Lane have been present to the south since at least 1993. The area has remained relatively unchanged since 2004.

A regulatory database search report was provided by Environmental Risk Information Services (ERIS). The database search involves researching a series of Federal, State, Local, and other databases for facilities and properties that are located within specified minimum search distances from the subject property. The report did not identify the subject property on the databases researched. The ERIS report identified several off-site properties within the minimum ASTM search distances. Based on our review of reasonably ascertainable public records, issues associated with the listings in the database report are not believed to represent a REC for the subject property.

ASTM E1527-21 defines a "*data gap*" as: "a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information." A *"significant data gap"* is "a data gap that affects the ability of the environmental professional to identify a recognized environmental condition." Significant data gaps that would be expected to impact our ability to render a professional opinion concerning the subject property were not identified.

We have performed a Phase I Environmental Site Assessment in general conformance with the scope and limitations of ASTM E1527-21 of the Wilmington Housing Authority - Woodbridge property located at 302 Grass Lane in Wilmington, New Hanover County, North Carolina, the subject property. Any exceptions to, or deletions from, this practice are described in Section 2.6 of this report. This assessment has revealed no evidence of recognized environmental conditions, controlled recognized environmental conditions, or significant data gaps in connection with the property.

The following Business Environmental Risk (BER) and/or additional consideration was identified:

- ECS considers the potential for asbestos containing materials to represent a BER.

1.1 Recommendations

It is the opinion of ECS Southeast, LLP that additional environmental assessment of the subject property is not warranted at this time.

Table of Critical Dates

Item	Date
Report Issuance Date & Declaration by Environmental Professional	April 18, 2023
Date of Interview with Past and Present Owners and Occupants	April 11, 2023
Date of Recorded Environmental Cleanup Lien Search	Not provided
Date of Government Record Review Report	April 5, 2023
Date of Visual Inspection of Subject and Adjoining Properties	April 11, 2023
Earliest Date of Interviews, Lien Search, Record Reviews, and Inspections	April 5, 2023
Report Viability Date	October 2, 2023

According to ASTM E1527-21: "...an environmental site assessment meeting or exceeding this practice is presumed to be viable when it is conducted within 180 days prior to the date of acquisition of the subject property (or, for transactions not involving an acquisition such as a lease or refinance, the date of the intended transaction). The dates of the components presented in 4.6.2(i), (iii), (iv), and (v) for interviews, review of government records, visual inspections, and declaration by environmental professional, shall be identified in the report. Completion of searches for recorded environmental cleanup liens (4.6.2(ii)) is a user responsibility; however, if the user has engaged the environmental professional to conduct these searches, then that date shall also be identified in the report." The 180-day viability period begins with the date of the earliest referenced resource noted above.

ECS was neither contracted to obtain information on environmental liens or activity and use limitations, nor have we been provided with information on environmental liens or activity and use limitations for our review. It should be noted by the User of this report that if the User does not obtain activity and use limitation information, the User that is seeking to qualify for an innocent landowner, a contiguous property owner, or a bona fide prospective purchaser liability defense may lose these rights to qualify under CERCLA.

2.0 INTRODUCTION

2.1 Purpose and Reason for Performing Phase I ESA

The purpose of the ESA was to:

- evaluate the probability of impact to the surface water, groundwater and/or soils within the property boundaries through a review of regulatory information and a reconnaissance of the subject property and vicinity;
- evaluate historical land usage to identify previous conditions that could potentially impact the environmental condition of the subject property;
- conduct all appropriate inquiry as defined by ASTM E1527-21 and 40 CFR Part 312;
- evaluate the potential for on-site and off-site contamination; and,
- provide a professional opinion regarding the potential for environmental impact at the site and a list of Recognized Environmental Conditions (RECs).

The ESA should allow the Users the opportunity to qualify for landowner liability protection under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) provided certain stipulations are met. The landowner liability protections are: an innocent landowner, a contiguous property owner, or a bona fide prospective purchaser. The User must meet the protection stipulations detailed in CERCLA to qualify as well as meet the User Obligations contained within the ASTM E1527-21 standard.

The reason for conducting this ESA is to perform all appropriate inquiries into the uses and prior ownership of the subject property as part of due diligence for a federal CDBR-DR fund grant for property rehabilitation.

2.2 Scope of Services

The environmental assessment was conducted in general accordance with ASTM E1527-21, which is in accordance with EPA Standards and Practices for All Appropriate Inquiry (40 CFR §312.10). The environmental assessment was conducted under the supervision or responsible charge of an individual that qualifies as an environmental professional, as defined in 40 CFR §312.10.

ECS was contracted by Wilmington Housing Authority to perform an ASTM E1527-21, Phase I Environmental Site Assessment (ESA) of the Wilmington Housing Authority - Woodbridge property located at 302 Grass Lane in Wilmington, New Hanover County, North Carolina. ECS was contracted to provide services in addition to the ASTM Standard scope of service. This additional information is presented in Section 8.0 of this report.

2.3 Definitions

ASTM E1527-21 defines a "*recognized environmental condition (REC)*" as "(1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that

pose a material threat of a future release to the environment." For the purposes of this definition, "likely" is that which is neither certain nor proved, but can be expected or believed by a reasonable observer based on the logic and/or experience of the environmental professional, and/or available evidence, as stated in the report to support the opinions given therein.

ASTM E1527-21 defines a "*historical recognized environmental condition (HREC)*" as "a previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls (for example, activity and use limitations or other property use limitations). A historical recognized environmental condition is not a recognized environmental condition."

ASTM E1527-21 defines a "*controlled recognized environmental condition (CREC)*" as "recognized environmental condition affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (for example, activity and use limitations or other property use limitations)."

ASTM E1527-21 defines a "*business environmental risk (BER)*" as "a risk that can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of commercial real estate, not necessarily related to those environmental issues required to be investigated in this practice." This assessment does not include ASTM Non-Scope items or identify business environmental risks unless specifically requested by the Client, and included in Section 8.0 of this report.

ASTM E1527-21 defines a "*de minimis condition" as "a* condition related to a release that generally does 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. A condition determined to be a *de minimis* condition is not a recognized environmental condition nor a controlled recognized environmental condition."

2.4 Limitations

The ESA involved a reconnaissance of the subject property and contiguous properties and a review of regulatory and historical information in general accordance with the ASTM standard and EPA regulation referenced herein. No non-scope considerations or additional issues such as asbestos, radon, wetlands or mold were investigated, unless otherwise described in Section 8.0 of this report.

Note: Although potential vapor migration was considered as part of this ASTM E1527-21 Phase I ESA, the Phase I ESA was not intended to fully meet the requirements of the Vapor Encroachment Screen per the ASTM E2600 guide, which is beyond the scope of an ASTM E1527-21 Phase I ESA.

The conclusions and/or recommendations presented within this report are based upon a level of investigation consistent with the standard of care and skill exercised by members of the same profession currently practicing in the same locality under similar conditions. The intent of this assessment is to identify the potential for recognized environmental conditions in connection with

the subject property; however, no environmental site assessment can completely eliminate uncertainty regarding the potential for recognized environmental conditions in connection with the subject property. The findings of this ESA are not intended to serve as an audit for health and safety compliance issues pertaining to improvements or activities at the subject property. ECS is not liable for the discovery or elimination of hazards that may potentially cause damage, accidents or injury.

Observations, conclusions and/or recommendations pertaining to environmental conditions at the subject property are necessarily limited to conditions observed, and or materials reviewed at the time this study was undertaken. It was not the purpose of this study to determine the actual presence, degree or extent of contamination, if any, at this subject property. This could require additional exploratory work, including sampling and laboratory analysis. No warranty, expressed or implied, is made with regard to the conclusions and/or recommendations presented within this report.

This report is provided for the exclusive use of Wilmington Housing Authority. This report is not intended to be used or relied upon in connection with other projects or by other unidentified third parties. The use of this report by any undesignated third party or parties will be at such party's sole risk and ECS disclaims liability for any such third party use or reliance. The use of this report is subject to the same terms, conditions and scope of work reflected in this report and the associated proposal.

2.5 Data Gaps

ASTM E1527-21 defines a "*data gap*" as: "a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information." A *"significant data gap"* is "a data gap that affects the ability of the environmental professional to identify a recognized environmental condition."

Use of the subject property was generally documented back to 1938. Historical use of the subject property prior to 1938 could not be discerned based on reasonably ascertainable records reviewed. The ASTM E1527-21 standard requires review of reasonably ascertainable historical resources to develop a history of previous uses of the subject property, adjoining properties, and surrounding area from 1940 or first developed use, at intervals not to exceed five years. Review of reasonably ascertainable historical sources for this assessment has identified gaps in the historical record that exceeded five years during which the use of the subject property could not be discerned, which is considered a data failure per ASTM E1527-21. However, based on the historical use as agricultural, wooded, and residential land and the other information obtained, this data failure would not be expected to alter the findings of this ESA, and is not considered to be a significant data gap.

2.6 Limiting Conditions/Deviations

ASTM E1527-21 requires that the Environmental Professional identify limiting conditions, deletions, and deviations from the ASTM E1527-21 standard, if any, including client-imposed constraints. The following limiting conditions and/or deviations were encountered during the performance of this Phase I ESA:

ECS entered a representative number of units within the property and cannot attest to environmental conditions within areas that were not directly observed.

3.0 SUBJECT PROPERTY DESCRIPTION

3.1 Subject Property Location and Legal Description

Site Name	Wilmington Housing Authority - Woodbridge
Property Address	302 Grass Lane
Property City, State	Wilmington, North Carolina
Property County	New Hanover County
Number of Parcels	One
Property ID Number(s)	R04910-006-022-000
Property Size	2.10 Acres
Property Owner of Record	Wilmington Housing Authority
Property Legal Description	Not provided

3.2 Physical Setting and Hydrogeology

USGS Topographic Map	
Quad Designation	Wilmington, North Carolina
Date	2019
Subject Property Settings	
Geologic Province	Coastal Plains
Average Subject Property Elevation (in feet or meters)	Ranging from approximately 35 feet to 40 feet above mean sea level
General Sloping Direction	Northwest
Bodies of Water	None
Presumed Direction of Groundwater Flow	Northwest
Up-gradient Property Direction	East/southeast

Nearby Properties' Setting	
General Sloping Direction	Northwest
Bodies of Water	None
General Directions of Surface Flow	Northwest
Presumed Direction of Groundwater Flow	Groundwater flow is expected to flow consistent with surface flow

Regional influences such as impermeable soils may have an impact on groundwater flow. The actual groundwater flow direction cannot be determined without site-specific information obtained through the gauging of groundwater monitoring wells.

Regional groundwater flow in the immediate vicinity of the site is generally to the northwest. Properties to the east/southeast are presumed to be “hydrogeologically upgradient” and properties to the northwest are presumed to be “hydrogeologically downgradient” in relation to the subject property. The topographic and hydrogeologic term “crossgradient” is used for properties that are neither upgradient nor downgradient, but generally on a line from the subject property perpendicular to the presumed direction of groundwater flow. Other properties not in the same drainage watershed are presumed to be “disconnected” from the groundwater in the immediate vicinity of the subject property.

3.3 Current Use and Description of the Site

The subject property consists of an approximately 2.10-acre parcel of land that consists of multifamily residential housing and associated parking areas. The subject property is located in an area that can generally be described as residential.

4.0 USER PROVIDED INFORMATION

The ASTM standard includes disclosure and obligations of the User to help the Environmental Professional identify the potential for Recognized Environmental Conditions associated with the subject property. The ASTM E1527-21 User Questionnaire was submitted to and completed by Mr. John Batey, representing Wilmington Housing Authority (User of the report). Section 4.0 is based on the completed User Questionnaire. A copy of the completed User Questionnaire is included in Appendix II.

4.1 Title Information

ECS was not provided with title information by the User. If this information is provided following the issuance of this report and information contained therein materially changes the outcome of this report, ECS will issue an addendum to this report.

4.2 Environmental Liens or Activity and Use Limitations

ECS was neither contracted to obtain information on environmental liens or activity and use limitations, nor have we been provided with information on environmental liens or activity and use limitations for our review. It should be noted by the User of this report that if the User does not obtain activity and use limitation information, the User that is seeking to qualify for an innocent landowner, a contiguous property owner, or a bona fide prospective purchaser liability defense may lose these rights to qualify under CERCLA. If the activity use information is provided following issuance of this report and information contained therein materially changes the outcome of this report, ECS will issue an addendum to this report.

4.3 Specialized Knowledge

The User indicated that they did not possess specialized knowledge of the subject property.

4.4 Commonly Known or Reasonably Ascertainable Information

The User indicated that they were not aware of commonly known environmental concerns related to the subject property.

4.5 Valuation Reduction for Environmental Issues

The property is not being sold.

4.6 Owner, Property Manager, and Occupant Information

The User indicated that the property is owned by the Wilmington Housing Authority and a property contact is Ms. Akieta Robinson.

4.7 Degree of Obviousness

The User stated that they were not aware of obvious indicators that point to the presence or likely presence of contamination at the subject property.

5.0 RECORDS REVIEW

A regulatory records search of ASTM standard and supplemental databases was conducted for the subject property and is included in Appendix III. The regulatory search report in the appendix includes additional details about the regulatory databases that were reviewed. The regulatory records search involves searching a series of databases for facilities that are located within a specified distance from the subject property. The ASTM standard specifies an approximate minimum search distance from the subject property for each database. Pursuant to ASTM, the approximate minimum search distance may be reduced for each standard environmental record except for Federal NPL site list, and Federal RCRA TSD list. According to ASTM, government information obtained from nongovernmental sources may be considered current if the source updates the information at least every 90 days or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public. The following table indicates the standard environmental record sources and the approximate minimum search distances for each record.

Standard Environmental Record Sources	Approximate Minimum Search Distance Per ASTM (miles)	Subject Property	Off-Site Properties
Federal NPL	1.0	No	0
Federal Delisted NPL	0.5	No	0
Federal CERCLIS	0.5	No	0
Federal CERCLIS NFRAP	0.5	No	0
Federal RCRA CORRACTS	1.0	No	0
Federal RCRA non-CORRACTS TSD	0.5	No	0
Federal RCRA Generators	Subject Site and Adjoining Properties	No	1
Federal IC/EC	Subject Site Only	No	N/A
Federal ERNS	Subject Site Only	No	N/A
State and Tribal Hazardous Waste Sites (NPL Equivalent)	1.0	No	2

Standard Environmental Record Sources	Approximate Minimum Search Distance Per ASTM (miles)	Subject Property	Off-Site Properties
State and Tribal Hazardous Waste Sites (CERCLIS Equivalent)	0.5	No	3
State and Tribal Landfill and/or solid waste disposal sites	0.5	No	0
State and Tribal Leaking Tanks	0.5	No	20
State and Tribal Registered UST and AST	Subject Site and Adjoining Properties	No	2
State and Tribal IC/ EC	Subject Site Only	No	N/A
State and Tribal Voluntary Cleanup (VCP)	0.5	No	0
State and Tribal Brownfield Sites	0.5	No	1

Based on our knowledge of the subject property and the surrounding area, ECS attempts to verify and interpret this data. While this attempt at verification is made with due diligence, ECS cannot guarantee the accuracy of the record(s) search beyond that of information provided by the regulatory report(s). ECS makes no warranty regarding the accuracy of the database report information included within the regulatory report(s).

The regulatory database search was performed by ERIS, and their report is dated April 5, 2023. ECS did not reduce the minimum ASTM search distances stipulated in the standard. The regulatory databases reviewed by ECS included supplemental databases researched by ERIS.

5.1 Federal ASTM Databases

5.1.1 Federal RCRIS - Generators

RCRIS identifies facilities that generate hazardous wastes as defined by the RCRA. Very small quantity generators (VSQG) (previously identified as conditionally exempt small quantity generators or CESQGs) generate less than 100 kilograms of hazardous waste, or less than 1 kilogram of acutely

hazardous waste, per month. Small quantity generators (SQGs) generate between 100 and 1,000 kilograms of hazardous waste per month. Large quantity generators (LQGs) generate more than 1,000 kilograms of hazardous waste or more than 1 kilogram of acutely hazardous waste per month.

The subject property was not listed on the RCRA databases.

No off-site properties within the minimum search distance of inquiry (adjoining properties) were reported by ERIS as being on the Federal RCRIS Generators database. No off-site properties within 0.25 miles of the subject property were reported as being on the Federal RCRIS Generators database. Additionally, one off-site property within 0.25 miles of the subject property was reported as being on the RCRA Non-Generator (Non-Gen)/No Longer Regulated (NLR) database, which lists facilities that do not currently generate hazardous wastes but were previously tracked as generators.

ECS has reviewed the listing on the RCRA Generators database. This off-site listing is reported more than 1,000 feet from the subject property. Based on the distance from the subject property, ECS does not believe issues at this listing would result in a REC for the subject property. Additional information pertaining to this listing can be viewed in the regulatory report included in Appendix III.

5.2 State ASTM Databases

5.2.1 State Hazardous Substance Disposal Site (HSDS)

The State HSDS records are locations of uncontrolled and unregulated hazardous waste sites. The records include sites on the NPL as well as those on the state priority list.

The subject property was not listed on the State HSDS database.

The database report lists one property within the designated search radius for this database.

ECS has reviewed the off-site listing reported by ERIS on the State HSDS database. This off-site listing is reported more than 4,000 feet from the subject property. Based on the distance from the subject property, ECS does not believe issues at this off-site listing would result in a REC for the subject property. Additional information pertaining to this listing can be viewed in the regulatory report included in Appendix III.

5.2.2 State Hazardous Waste Sites (SHWS) Inventory

State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not be already listed on the federal CERCLIS database.

The subject property was not listed on the SHWS database.

The database report lists three properties within the designated search radius for this database.

ECS has reviewed the listings reported by ERIS on the SHWS database. These off-site listings are reported more than 2,700 feet from the subject property. Based on the distance from the subject property, ECS does not believe issues at these off-site listings would result in RECs for the subject property. Additional information pertaining to these listings can be viewed in the regulatory report included in Appendix III.

5.2.3 State Leaking Aboveground Storage Tank (LAST)

The LAST list is a record of reported leaking aboveground storage tank incidents.

The subject property was not listed on the LAST database.

The database report lists two properties within the designated search radius for this database.

ECS has reviewed the off-site listings reported by ERIS on the LAST database. These off-site listings are reported more than 1,600 feet from the subject property. Based on the distance from the subject property, ECS does not believe issues at these listings would result in RECs for the subject property. Additional information pertaining to these listings can be viewed in the regulatory report included in Appendix III.

5.2.4 Leaking Underground Storage Tank (LUST) List

The LUST list is a record of reported leaking underground storage tank incidents. The LUST list may also identify properties that have had soil and/or groundwater contamination associated with documented releases from aboveground storage tanks, surface spills, and other sources.

The subject property was not listed on the LUST database.

The database report lists eighteen properties within the designated search radius for this database. One of these properties is discussed below:

> **City of Wilmington Fire Station #3, 3933 Princess Place.** This facility is located approximately 590 southwest of the subject property. This site is situated in a presumed up-gradient hydrogeological position relative to the subject property. According to the ERIS report, a release was identified in 1991 during the removal of an underground storage tank (UST) that resulted in groundwater and soil contamination. The incident was closed with the North Carolina Department of Environmental Quality (NCDEQ) in 2013. Based on the distance to the subject property, releases at this property are not considered to represent a REC for the subject property.

ECS has reviewed the remaining listings reported by ERIS on the LUST database. These other off-site listings are reported more than 1,000 feet from the subject property. Based on the distance from the subject property, ECS does not believe releases at these off-site listings would result in RECs for the subject property. Additional information pertaining to these listings can be viewed in the regulatory report included in Appendix III.

5.2.5 Registered Underground Storage Tank (UST) List

The Registered UST List inventories underground storage tanks registered with the state. This list does not identify USTs that have not been registered or are exempt, such as home heating oil tanks and other unregulated tanks.

The subject property was not listed on the UST database.

The database report identified no UST facilities within the ASTM-designated search radius (adjoining properties). In addition, the database report identified two UST facilities within 0.25 mile of the subject property. One of these facilities is described below:

> **City of Wilmington Fire Station #3, 3933 Princess Place.** This facility is located approximately 590 southwest of the subject property. This site is situated in a presumed up-gradient hydrogeological position relative to the subject property. According to the ERIS report, this facility historically contained one 500-gallon gasoline UST installed in 1972 and removed in 1991. Please see the LUST listing (Section 5. 2.4) for additional information pertaining to this listing. Based on the distance to the subject property, issues at this property are not considered to represent a REC for the subject property.

ECS has reviewed the remaining off-site listing reported by ERIS on the UST database. This other off-site listing is reported more than 1,000 feet from the subject property. Based on the distance from the subject property, ECS does not believe this off-site listing would have issues that present a REC for the subject property. Additional information pertaining to this listing can be viewed in the regulatory report included in Appendix III.

5.2.6 State Brownfield Projects Inventory

The State Brownfield Projects Inventory identifies brownfield projects. The properties in the inventory are working toward a brownfield agreement for cleanup and liability control.

The subject property was not listed on the State Brownfield database.

The database report lists one property within the designated search radius for this database.

ECS has reviewed the property listed by ERIS on the State Brownfield database. This off-site listing is reported more than 2,500 feet from the subject property. Based on the distance from the subject property, ECS does not believe this listing would have issues that present a REC for the subject property. Additional information pertaining to this listing can be viewed in the regulatory report included in Appendix III.

5.3 Additional Environmental Record Sources

5.3.1 Additional Non-ASTM Federal Databases

5.3.1.1 Formerly Used Defense Sites (FUDS)

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

The subject property was not listed on the FUDS database.

The database report lists one property within the designated search radius for this database.

ECS has reviewed the property listed on the FUDS database. This off-site listing is reported more than 3,100 feet from the subject property. Based on the distance from the subject property, ECS does not believe this off-site listing would have issues that result in a REC for the subject property. Additional information pertaining to this listing can be viewed in the regulatory report included in Appendix III.

5.3.2 Additional Non-ASTM State Databases

5.3.2.1 Drycleaners

The Drycleaners database identifies potential and known drycleaning sites, active and abandoned.

The subject property was not listed on the Dry Cleaners database.

The database report lists two facilities within the designated search radius for this database.

ECS has reviewed the facilities listed on the Dry Cleaners database. These off-site listings are reported more than 2,000 feet from the subject property. Based on the distance from the subject property, ECS does not believe these off-site listings would have issues that result in RECs for the subject property. Additional information pertaining to these listings can be viewed in the regulatory report included in Appendix III.

5.3.2.2 Leaking Underground Storage Tanks (LUST TRUST)

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

The subject property was not listed on the LUST TRUST database.

The database report lists five properties within the designated search radius for this database. One of these properties is discussed below:

> **City of Wilmington Fire Station #3, 3933 Princess Place.** This facility is located approximately 590 southwest of the subject property. This site is situated in a presumed up-gradient hydrogeological position relative to the subject property. According to the ERIS report, this facility had a $50,000 deductible. Please see the LUST listing (Section 5.2.4) for additional information pertaining to this listing. Based on the distance to the subject property, releases at this property are not considered to represent a REC for the subject property.

ECS has reviewed the remaining properties listed on the LUST TRUST database. These other off-site listings are reported more than 1,500 feet from the subject property. Based on the distance from the subject property, ECS does not believe these off-site listings would have issues that result in RECs for the subject property. Additional information pertaining to these listings can be viewed in the regulatory report included in Appendix III.

5.3.2.3 Incident Management Database (IMD/SPILLS)

The IMD is a database of groundwater and soil contamination incidents.

The subject property was not listed on the SPILLS database.

One off-site property is identified on the SPILLS database and is described below:

> **Northside WWTP, 314 Greendale Drive.** This facility is listed as located approximately 270 feet west and downgradient of the subject property. According to the ERIS report, a sanitary sewer outfall release of approximately 500 gallons occurred in 2000 from this location. Additional information is not provided in the ERIS report. Based on the type of release, ECS does not consider this incident to represent a REC for the subject property.

5.3.3 Unmapped (Orphan) Facilities and Sites

Six properties were identified on the Orphan Summary List. These facilities are considered unmappable because the facility information in the database is insufficient and/or does not report accurate facility location. Based on available address and location information, ECS did not identify the listed orphan sites within the vicinity of the subject property.

5.4 Regulatory Review Summary

A regulatory database search report was provided by ERIS. The database search involves researching a series of Federal, State, Local, and other databases for facilities and properties that are located within specified minimum search distances from the subject property. The report did not identify the subject property on the databases researched. The ERIS report identified several off-site properties within the minimum ASTM search distances. Based on our review of reasonably ascertainable public records, ECS does not consider the listings to be potential sources of soil, groundwater, or vapor impact to the subject property. Therefore, ECS does not believe that the off-site listings would have issues that result in RECs for the subject property.

6.0 HISTORICAL USE INFORMATION

6.1 Aerial Photograph Review

ECS reviewed aerial photographs of the subject property and immediately surrounding properties for evidence of former usage which may indicate potential environmental issues. The aerial photographs were obtained from ERIS. The aerial photographs reviewed were dated 1938, 1949, 1956, 1966, 1975, 1983, 1993, 1998, 2004, 2006, 2008, 2009, 2010, 2012, 2014, 2016, 2018, 2020, and 2021. Aerial photographs dated prior to 1938 were not available for review. The ECS review is dependent on the quality and scale of the photographs.

The following is a description of relevant information from the aerial photographs:

Year(s)	Subject Property	Adjoining Properties	REC? (yes or no)
1938, 1949, and 1956	Property consists of agricultural land and undeveloped, wooded land	North/east/south/west: Agricultural land and undeveloped, wooded land	No
1966	Undeveloped, wooded land	North: Undeveloped, wooded land with residential structures to the northwest East: Undeveloped, wooded land South: Undeveloped, wooded land West: Residential structures and wooded land	No
1975 and 1983	Similar to 1966	Similar to 1966 with additional residential structures to the west	No
1993	Property consists of cleared, graded land with wooded land along the western boundary	North: Cleared and wooded land with residential structures to the northwest East: Undeveloped, wooded land South: Two roads, now known as Sunn Aire Court and Grass Lane, beyond which are residential structures West: Residential structures	No

Year(s)	Subject Property	Adjoining Properties	REC? (yes or no)
1998	Property consists of three structures, consistent with the existing housing complex and a paved parking lot. Wooded land is present along the western boundary	North: Cleared land with residential structures to the northwest East: Wooded land, beyond which is cleared land South: Two roads, now known as Sunn Aire Court and Grass Lane, beyond which are residential structures West: Residential structures	No
2004, 2006, 2008, 2009, 2010, 2012, 2014, 2016, 2018, 2020, and 2021	Similar to 1998	North: Residential structures and an access road to the north and residential structures to the northwest East: Residential structures and an access road South: Sunn Aire Court and Grass Lane, beyond which are residential structures West: Residential structures	No

6.2 Sanborn Fire Insurance Map Review

In an effort to identify past uses, ECS utilized ERIS to search for historical Sanborn Fire Insurance Maps (Sanborn) for the subject property and surrounding area. Sanborn maps were not available for this area. The absence of such maps generally indicates that the subject property is located in an area where Sanborn maps were not produced because the area was rural or it was not economically feasible. ECS does not expect the lack of Sanborn maps to impact our ability to render a professional opinion concerning the subject property given the amount of historical information obtained from our research, the USGS topographic map, aerial photographs, city directories, and other historical records obtained. A copy of the Unmapped Property report is included within Appendix IV.

6.3 Historical USGS Topographic Maps

Topographic maps are produced by the United States Geological Survey (USGS) for various time periods. ECS reviewed topographic maps of the subject property and immediately surrounding properties for evidence of former usage that may indicate potential environmental issues. The topographic maps were obtained from ERIS and were dated 1942, 1948, 1970, 1979, 1980, 1993, 2013, 2016, and 2019. Topographic maps dated prior to 1942 were not available for review.

The following is a description of relevant information from the topographic maps:

Year(s)	Subject Property	Adjoining Properties	REC? (yes or no)
1942 and 1948	Undeveloped, wooded land. Topography is relatively flat	Several structures depicted to the west. A road, now known as North Kerr Avenue farther east and another road, now known as Princess Place Drive farther south. Topography is relatively flat	No
1970	Undeveloped, wooded land. Topography slopes northwest	Several structures depicted to the northeast, northwest, west, and farther south. North Kerr Avenue depicted farther east, Princess Place Drive depicted farther south, and Barclay Hills Drive depicted to the west. Topography slopes northwest	No
1979	Similar to 1970	Similar to 1970 with additional structures depicted to the northwest, northwest, and west	No
1980	Map does not show topographic features	Map does not show topographic features	No
1993	Shading indicates a developed area. A portion of Grass Lane depicted on the southeastern portion. Topography slopes northwest	Developed areas to the north, south, and west. North Kerr Avenue depicted farther east, Grass Lane and Sunn Aire Court depicted to the south, Princess Place Drive depicted farther south, and Barclay Hills Drive depicted to the west. Topography slopes northwest	No
2013, 2016, and 2019	Structural layer not depicted A portion of Grass Lane depicted on the southeastern portion. Topography slopes northwest	Structural layer not depicted Estate Road depicted to the north, North Kerr Avenue depicted farther east, Grass Lane and Sunn Aire Court depicted to the south, Princess Place Drive depicted farther south, and Barclay Hills Drive depicted to the west. Topography slopes northwest	No

6.4 City Directory Review

One of the ASTM standard historical sources to be reviewed for previous subject property uses is local street directories, commonly known as City Directories. The purpose of the directory review is to identify past occupants of the subject property, adjoining properties, or nearby properties. In some rural areas, street directories information is limited.

ECS reviewed city directories obtained from ERIS. The subject property address utilized for the research was 302 Grass Lane. The directories reviewed were dated 1926, 1930, 1934, 1940, 1943, 1947, 1952, 1956, 1960, 1963, 1967, 1971, 1976, 1981, 1986, 1991, 1996, 2000, 2003, 2008, 2012, 2016, 2020, and 2022. The directories reviewed prior to 1971 did not provide listings for the subject property or surrounding area. Directories dated prior to 1926 were not available for review. A copy of the city directory report is included in Appendix IV.

The following is a description of relevant information from the city directories:

Year(s)	Subject Property	Adjoining Properties	REC? (yes or no)
1976, 1981, 1986, 1991, 1996, and 2003	Not listed	West: Residential	No
2008	Not listed	West: H & H Cleaning Service, religious organization, and residential	No
2012	Not listed	West: Residential	No
2016, 2020, and 2022	Residential	West: Residential	No

6.5 Property Tax Files

Property tax files may include records of past ownership, appraisals, maps, sketches, photos, or other information kept by the local jurisdiction for property tax assessment purposes. According to the New Hanover County tax assessor online information, the subject property is owned by Wilmington Housing Authority. The subject property is listed as a 2.10-acre tract with an identification number of R04910-006-022-000. Additionally, the on-site buildings are reported as being constructed in 1993 and contain a total of 20,472 square feet of space.

6.6 Recorded Land Title Records

Recorded land title records may include leases, land contracts, and AULs recorded by the local jurisdiction. Land title records may provide only a list of the names of previous owners and may be of limited use; however, they may provide useful information about uses or occupancy of the property when employed in combination with other sources.

According to the New Hanover County Register of Deeds Office:

- Wilmington Housing Authority acquired the property from Woodbridge, LLC and Walmark, LLC on September 6, 2005 (Deed Book 4900, Pages 1002 and 1009).

6.7 Building Department Records

The term building department records means those records of the local government indicating permissions of the local government to construct, alter or demolish improvements on the property.

Ms. Samantha Potter reviewed the New Hanover County online COAST database on April 5, 2023 to determine if permits or violations were on file for the subject property. According to the database, a permit to demolish the existing decks, railings, stairs and landings and replace with new pressure treated lumber was issued in 2022. ECS did not identify RECs in permits reviewed.

6.8 Zoning/Land Use Records

The term zoning/land use records refers to records of the local government indicating the uses permitted by the government in particular zones within its jurisdictions. According to the City of Wilmington Zoning Department, the subject property is zoned as MD-17, defined as High-Density Multiple-Dwelling Residential District.

6.9 Previous Reports

We have not been provided with environmental or engineering assessment reports for the subject property completed by others, nor has ECS completed similar studies or prior assessments of the subject property.

6.10 Other Historical Sources

Other credible historical sources may be reviewed to identify past uses of the subject property. These sources may include websites, county or state road maps, historical society documents, or local library information.

6.10.1 State Environmental Agency

ECS reviewed the North Carolina Department of Environmental Quality (NCDEQ) Division of Waste Management Site Locator Map to determine if the subject property was identified. According to the map, there are no identified incidents on the map associated with the subject property.

6.10.2 Local Fire Department

Ms. Samantha Potter contacted the Wilmington Fire Department on April 5, 2023 regarding environmental spills, incidents, or code violations for the subject property. At the time of this report, a response had not been received. If a response is received, and materially changes the conclusions of the report, ECS will issue an addendum to this report.

6.10.3 Local Health Department

Ms. Samantha Potter contacted the New Hanover County Environmental Health Department on April 5, 2023 regarding water supply wells, septic system permits, or spills of petroleum or hazardous products. According to New Hanover County, there are no records for the subject property.

6.11 Historical Use Summary

Based on the records search, site reconnaissance and interviews, it appears that the subject property consisted of agricultural and undeveloped, wooded land from at least 1938 until at least 1956 when it transitioned into primarily undeveloped, wooded land by 1966. The existing residential housing complex was constructed in 1993. Grass Lane has been present on the southeastern portion of the property since at least 1993. The property has consisted of a residential housing complex, Grass lane, paved parking lot, and wooded land along the western boundary since at least 1998. Historical records prior to 1938 were not reasonably ascertainable for the subject property.

Portions of the subject property were historically and currently used as agricultural land. Such use of the subject property may have included the storage and use of beneficial agricultural products such as fungicides, herbicides, and/or fertilizers. The legal use (i.e., in accordance with the manufacturers' specifications and customary practices) of such substances, in the course of standard operational practices does not constitute a “release to the environment.” Further, reasonably ascertainable information was not observed during the course of our assessment, including historical records review, or field reconnaissance observations regarding past site history, that a past release of such substances had occurred. Therefore, the mere presence of this historical land use does not meet the definition of a REC.

Our review of historical information for adjoining or nearby properties identified the area as originally occupied by agricultural and undeveloped, wooded land. Residential development began to the northwest and west by at least 1966, to the south by at least 1993, and to the north and east by at least 2004. Sunn Aire Court and Grass Lane have been present to the south since at least 1993. The area has remained relatively unchanged since 2004.

No obvious indications of RECs were identified in the historical data review.

7.0 SITE AND AREA RECONNAISSANCE

7.1 Methodology

Mr. Brycen Braswell of ECS conducted the field reconnaissance on April 11, 2023. ECS was accompanied during the reconnaissance by Maintenance Manger, Mr. Cory Petermann and Property Manager, Dr. John Batey. The weather at the time of the reconnaissance was 70 degrees Fahrenheit and sunny. Observations were made from a walking reconnaissance around the perimeter, around the buildings, through the buildings and along several transects across the subject property. Access or visibility limitations, if any, are discussed in Section 2.6. Subject property photographs are included in Appendix V.

7.2 On-Site Features

7.2.1 Observed Geologic, Hydrogeologic, Hydrologic, and Topographic Conditions

The subject property is relatively flat with no hydrogeologic features.

7.2.2 Past Site Uses

During the site reconnaissance, ECS observed the subject property for evidence of past occupancy or usage that could indicate the presence of environmental concerns. Based on current site conditions observed during the site reconnaissance, ECS did not identify evidence of past uses or occupancy that would indicate the presence of a REC for the subject property.

7.2.3 Current Uses

The subject property consists of a two-story multifamily residential structure, associated parking areas, a playground and grassed area. According to Property Manager, the northern half of the structure consists of vacant tenant space due to ongoing renovations. Vegetation is located along the eastern and western boundaries. A dumpster was observed on the southwestern portion. Three pad-mounted transformers are located on the northern, eastern, and southern portions. Non-PCB indicators were observed on each transformer. The subject property is serviced with water and sewer services from Cape Fear Public Utility Authority and electricity from Duke Energy. Each tenant space at the subject property is serviced with electrical HVAC.

Pertinent features of environmental concern were not observed during the site reconnaissance.

Feature	Yes	No
Hazardous Substances and Petroleum Products in Connection with Identified Uses		✔
Hazardous Substance and Petroleum Product Containers Not in Connection with Identified Uses		✔
Drums, Totes, and Intermediate Bulk Containers		✔

Feature	Yes	No
Unidentified Substance Containers		✔
Underground or Aboveground Storage Tanks		✔
Strong, Pungent or Noxious Odors		✔
Standing Surface Water and Pools or Sumps Containing Liquids Likely to be Hazardous Substances or Petroleum Products		✔
Known or Suspect PCB-containing Equipment		✔
Stains or Corrosion to Floors, Walls or Ceilings		✔
Stained Soil or Pavement		✔
Floor Drains and Sump Pumps		✔
Pits, Ponds or Lagoons		✔
Stressed Vegetation		✔
Solid Waste Mounds or Non-natural Fill Materials		✔
Water/Wastewater Discharge		✔
Groundwater Wells		✔
Septic Systems or Cesspools		✔
Hydraulic Equipment (Elevators, Lifts, Compactors, Etc.)		✔
Dry Cleaning		✔
Specialized Industrial Equipment		✔
Onsite Electrical Generators		✔
Oil-water Separators		✔

7.3 Adjoining and Nearby Properties

Contiguous and nearby properties were observed during a walking and vehicular reconnaissance of the subject property boundary and public places. The subject property is located in a residential area of Wilmington, New Hanover County, North Carolina.

Direction	Description	Relative Gradient	REC
North	Residential development	Down-gradient	No
East	Wooded land followed by residential development	Up-gradient	No
South	A road followed by a stormwater feature and a residence	Up-gradient	No

Direction	Description	Relative Gradient	REC
West	Wooded land followed by residential development	Down-gradient	No

Pertinent features of environmental concern were not observed on adjoining or nearby properties during the site reconnaissance.

7.4 Site and Area Reconnaissance Summary

According to our site observations and a review of adjoining and nearby properties, the subject property consists of multifamily residential housing and associated parking areas. The subject property is located in a residential area. Details pertaining to our on-site and off-site observations are referenced previously. We did not identify RECs associated with the subject property or neighboring properties and businesses during the reconnaissance.

8.0 ADDITIONAL SERVICES

ASTM guidelines identify non-scope issues, which are beyond the scope of this practice. Non-scope issues have the potential to be business environmental risks. Some of these non-scope issues include; asbestos-containing building materials, radon, lead-based paint, lead in drinking water, wetlands, and mold.

We were authorized to conduct the following non-scope issues for the subject property:

Lead Based Paint

Lead-based paint (LBP) was banned for residential use in 1978 and most commercial use ceased around that time. The building was constructed in 1993. We did not observe flaking or peeling paint at the time of our site visit. Based on the date of construction, there is the potential that LBP was used during the construction of the on-site structure. However, the presence of LBP or lack thereof, can only be determined by surveying and testing of representative painted surfaces.

Asbestos Containing Materials

Based on the age of the building (1993), asbestos containing materials (ACM) are considered less likely to have been used in its construction. ECS conducted a brief visual survey of the property and observed the following potentially suspect ACM: textured ceiling, floor tile and mastic, drywall joint compound, and roofing materials.

This cursory visual survey is not considered to be a complete inspection for ACM. ECS recommends that an asbestos survey be performed by a licensed asbestos inspector prior to conducting demolition or renovation activities that could disturb suspect ACM.

9.0 INTERVIEWS

During site reconnaissance, Mr. Brycen Braswell interviewed Property Manager, Dr. John Batey. He has been associated with the subject property for approximately one year, and has significant knowledge related to the subject property and associated activities. He indicated the subject property is used as affordable housing. The northern half of the structure has been vacant since September 2018 when Hurricane Florence impacted Wilmington, North Carolina. Dr. Batey indicated that there were break-ins last summer on the northern portion. In response, the Wilmington Housing Authority turned off water and power servicing the northern portion. Dr. Batey indicates there has been no environmental concerns at the subject property.

Dr. John Batey indicated that he is not aware of 1) any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, at, or from the subject property; 2) any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the subject property; or 3) any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

10.0 FINDINGS AND CONCLUSIONS

10.1 Findings and Opinions

The subject property is identified by the New Hanover County Online GIS database as PIN R04910-006-022-000 and is owned by Wilmington Housing Authority. The 2.10-acre subject property consists of a two-story multifamily residential structure reportedly constructed in 1993, associated parking areas, a playground, and grassed area. According to Dr. John Batey, the property manger, the northern half of the structure consists of vacant tenant space due to ongoing renovations. Vegetation is located along the eastern and western boundaries. A dumpster was observed on the southwestern portion. Three pad-mounted transformers are located on the northern, eastern, and southern portions. Non-PCB indicators were observed on each transformer. The subject property is serviced with water and sewer services from Cape Fear Public Utility Authority and electricity from Duke Energy. Each tenant space at the subject property is serviced with electrical HVAC.

The subject property is located in a residential area of Wilmington, North Carolina. Based on our review of site topography and conditions observed during the site reconnaissance, it is our opinion that properties to the east and south are presumed to be hydrogeologically up-gradient of the subject property. The adjoining properties to the north of the subject property consist of single-family residences; to the east by single-family residences; to the south by multifamily residences; and to the west by wooded land, beyond which are single-family residences. ECS did not identify environmental issues associated with current occupants or activities at adjoining or nearby properties that are believed to present a REC at the subject property.

Based on the records search, site reconnaissance and interviews, it appears that the subject property consisted of agricultural and undeveloped, wooded land from at least 1938 until at least 1956, when it transitioned into primarily undeveloped, and wooded land by 1966. The existing residential housing complex was constructed in 1993. Grass Lane has been present on the southeastern portion of the property since at least 1993. The property has consisted of a residential housing complex, Grass Lane, paved parking lot, and wooded land along the western boundary since at least 1998 to present. Historical records prior to 1938 were not reasonably ascertainable for the subject property.

Portions of the subject property were historically and currently used as agricultural land. Such use of the subject property may have included the storage and use of beneficial agricultural products such as fungicides, herbicides, and/or fertilizers. The legal use (i.e., in accordance with the manufacturers' specifications and customary practices) of such substances, in the course of standard operational practices does not constitute a “release to the environment.” Further, reasonably ascertainable information was not observed during the course of our assessment, including historical records review, or field reconnaissance observations regarding past site history, that a past release of such substances had occurred. Therefore, the mere presence of this historical land use does not meet the definition of a REC.

Our review of historical information for adjoining or nearby properties identified the area as originally occupied by agricultural and undeveloped, wooded land. Residential development began to the northwest and west by at least 1966, to the south by at least 1993, and to the north and east by at least 2004. Sunn Aire Court and Grass Lane have been present to the south since at least 1993. The area has remained relatively unchanged since 2004.

A regulatory database search report was provided by ERIS. The database search involves researching a series of Federal, State, Local, and other databases for facilities and properties that are located within specified minimum search distances from the subject property. The report did not identify the subject property on the databases researched. The ERIS report identified several off-site properties within the minimum ASTM search distances. Based on our review of reasonably ascertainable public records, issues associated with the listings in the database report are not believed to represent a REC for the subject property.

10.2 Significant Data Gaps

Significant data gaps that would be expected to impact our ability to render a professional opinion concerning the subject property were not identified.

10.3 De Minimis Conditions

ECS did not identify *de minimis* conditions associated with the subject property during this assessment.

10.4 Conclusions

We have performed a Phase I Environmental Site Assessment in general conformance with the scope and limitations of ASTM E1527-21 of the Wilmington Housing Authority - Woodbridge property located at 302 Grass Lane in Wilmington, New Hanover County, North Carolina, the subject property. Any exceptions to, or deletions from, this practice are described in Section 2.6 of this report. This assessment has revealed no evidence of recognized environmental conditions, controlled recognized environmental conditions, or significant data gaps in connection with the property.

The following BER and/or additional consideration was identified:

- ECS considers the potential for asbestos containing materials to represent a BER.

10.5 Recommendations

It is the opinion of ECS Southeast, LLP that additional environmental assessment of the subject property is not warranted at this time.

11.0 REFERENCES

ASTM E1527-21. Standard Practice for Environmental Site Assessment, Phase I Environmental Site Assessment Process.

ERIS Database Report, dated April 5, 2023.

ERIS Fire Insurance Maps, dated April 5, 2023.

ERIS Historical Aerial Report (1938, 1949, 1956, 1966, 1975, 1983, 1993, 1998, 2004, 2006, 2008, 2009, 2010, 2012, 2014, 2016, 2018, 2020, and 2021), dated April 6, 2023.

ERIS Historical Directory Report (1926, 1930, 1934, 1940, 1943, 1947, 1952, 1956, 1960, 1963, 1967, 1971, 1976, 1981, 1986, 1991, 1996, 2000, 2003, 2008, 2012, 2016, 2020, and 2022), dated April 10, 2023.

ERIS Topographic Map Research Report (1942, 1948, 1970, 1979, 1980, 1993, 2013, 2016, and 2019), dated April 5, 2023.

FOIA request, Wilmington Fire Department, April 5, 2023.

FOIA request, New Hanover County Environmental Health, April 5, 2023.

Google Earth.

Property Owner Interview, Dr. John Batey, April 11, 2023.

NCDEQ Site Locator Map.

New Hanover County COAST database.

New Hanover County GIS Department website.

New Hanover County Tax Department.

New Hanover County Register of Deeds.

User Questionnaire, Mr. John Batey, April 17, 2023.

Wilmington Zoning Department.

Appendix I: Figures

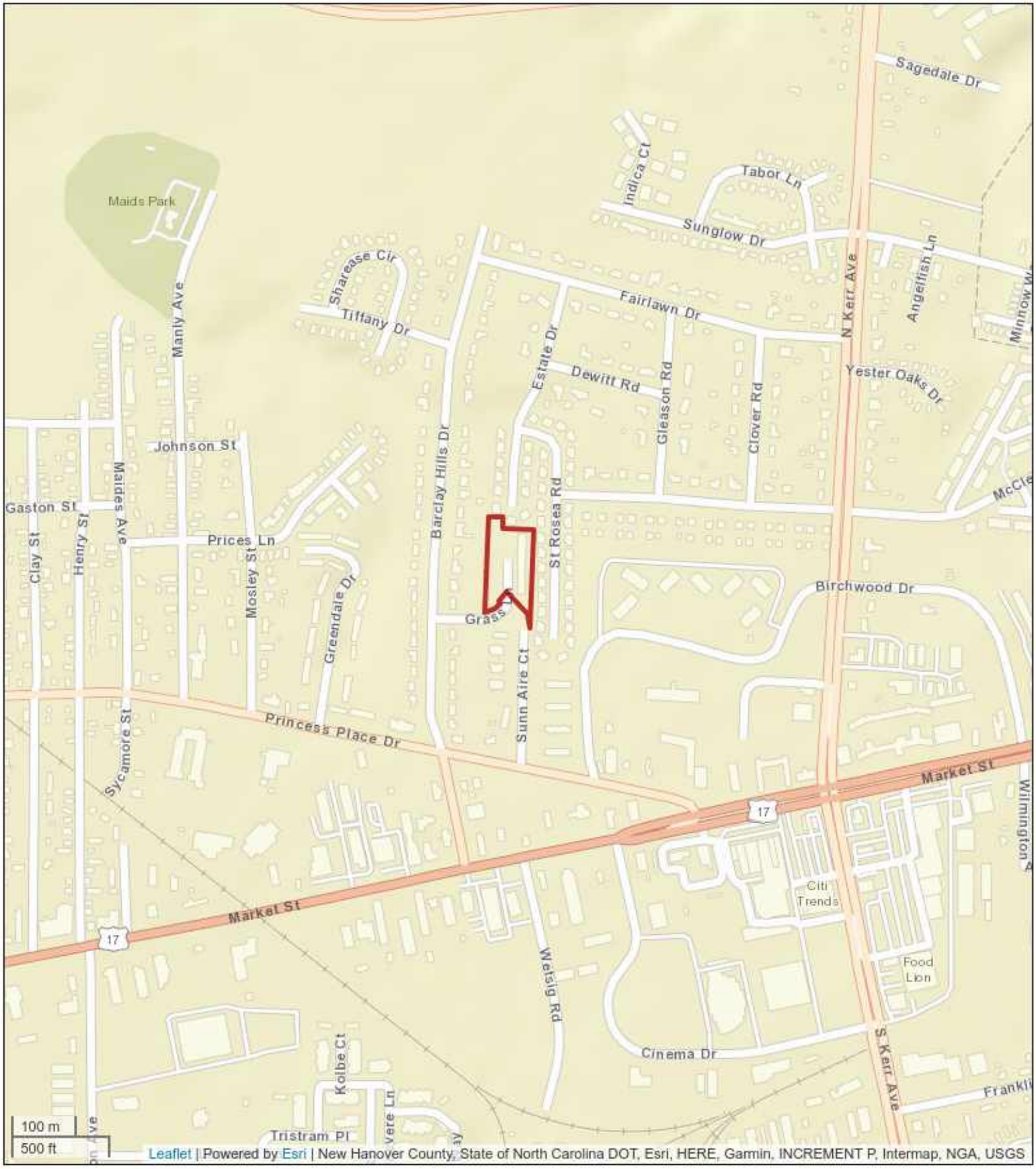

Figure 1 - Site Location Map

Woodbridge
302 Grass Lane
Wilmington, North Carolina
ECS Project No. 49-20023

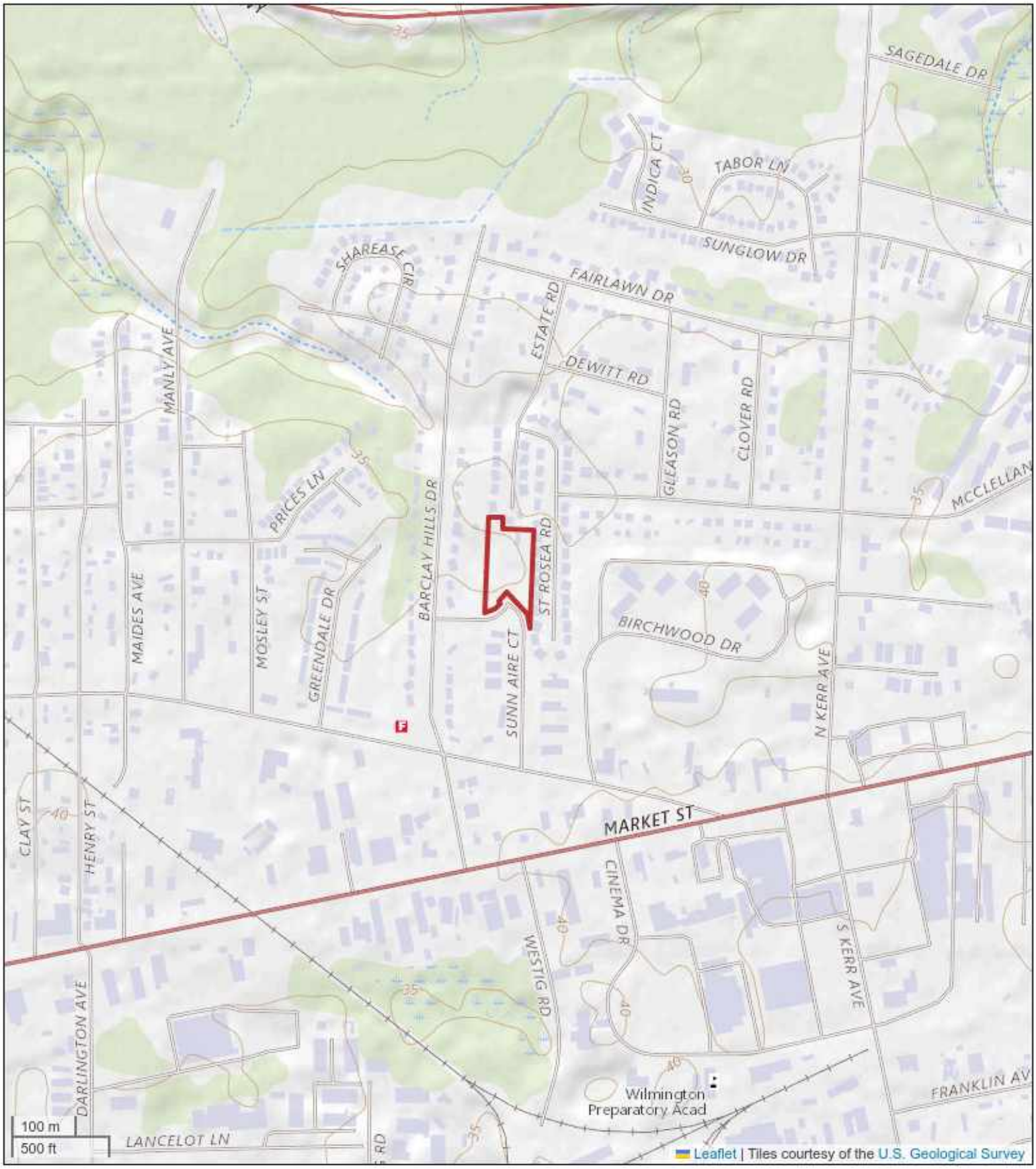

Figure 2 - USGS Topographic Map

Woodbridge
302 Grass Lane
Wilmington, North Carolina
ECS Project No. 49-20023



Figure 3 - Site Features Map

Woodbridge
302 Grass Lane
Wilmington, North Carolina
ECS Project No. 49-20023

Appendix II: Interviews, Correspondence and User Questionnaire

Environmental Questionnaire for User

Completion required for conformance with ASTM E 1527-21. Failure to provide this information may preclude CERCLA liability protections for the property purchaser. Please return answered form to ECS.

Site Name: Woodbridge Apts.

Name and Title of Person Completing Questionnaire (Please Print):

John Batey, Sr. VP of Operations & Development

Signature of Person Completing Questionnaire:

Date: 4/12/23

Name of Your Company and Your Contact Number (Please Print):

Wilmington Housing Authority (CFP22.08)

ASTM E 1527-21 indicates that, "Either the user shall make known to the environmental professional the reason why the user wants to have the Phase I Environmental Site Assessment performed or, if the user does not identify the purpose of the Phase I Environmental Site Assessment, the environmental professional shall assume the purpose is to qualify for an LLP to CERCLA liability and state this in the report." As the user of this ESA, what is the reason for conducting the Phase I ESA? If this question is unanswered, ECS will assume that the user's reason for the ESA is to qualify for landowner liability protections to CERCLA liability.

Please state reason for having ESA performed: Property is being rehabilitated through the use of federal CDBG-DR funds, which will require the submission of a Phase I ESA.

Will you provide Property Title Records and a Legal Description to ECS?

Please select one: **NO** ◉ **YES** ○

Will you provide a 50-year chain of title abstract to ECS?

Please select one: **NO** ◉ **YES** ○

Please Send Information Promptly

(1a.) Environmental liens that are filed or recorded against the site (40 CFR 312.25). ASTM E 1527-21 states that the user should perform a review of recorded land title records and judicial records for environmental liens or activity and use limitations for the site. Please forward the results of the land title record and judicial record review. If you would prefer, ECS can obtain this information from a third party provider for **an additional fee**. Please let ECS know if you would like to contract ECS for this service.

Please select one: **Client to Provide** ◉ **ECS to Obtain** ○

(1b.) **Activity and use limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26).** Are you aware of any activity and use limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

Please select one: **NO** ☐ **YES** ☐
If yes, please explain: _____

(2.) **Specialized knowledge -** 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?

Please select one: **NO** ☐ **YES** ☐
If yes, please explain: _____

(3.) **Commonly known or reasonably ascertainable information about the property (40 CFR 312.30).** Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example:

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

Please select one: **NO** ☐ **YES** ☐
If yes, please state uses: _____

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

Please select one: **NO** ☐ **YES** ☐
If yes, please explain: _____

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

Please select one: **NO** ☐ **YES** ☐
If yes, please explain: _____

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

Please select one: **NO** ☐ **YES** ☐
If yes, please explain: _____

_____

_____

(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?

Please select one: **NO** ☐ **YES** ☐
If no, please explain: _____

_____

_____

If you are aware that there is a difference, is the lower purchase price because contamination is known or believed to be present at the property?

Please select one: **NO** ☐ **YES** ☐
If yes, please explain: _____

_____

_____

(5.) Parcel Property Owner(s) & Contact Number(s):

A. Wilmington Housing Authority, 910-341-7700

B. _____

C. _____

D. _____

Property Manager and Occupant(s) & Contact Number(s)

Property Manager: Akieta Robinson, 910-341-7766

Occupant/Tenant: _____

Occupant/Tenant: _____

(6.) The degree of obviousness of the presence or 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?

Please select one: **NO** ☐ **YES** ☐
If yes, please explain: _____

_____

_____

Samantha D Potter

From: Hemmen, Marie <MHemmen@nhcgov.com>
Sent: Wednesday, April 5, 2023 5:10 PM
To: Samantha D Potter
Cc: Program Support; Fenske, Dustin; Harris, Michael; Scott, Brian
Subject: [EXTERNAL] RE: ECS public record request

Good Evening Ms. Potter,

New Hanover County, Department of Health and Human Services, Division of Environmental Health has searched our records for septic systems and wells and did not find information to the parcels for which you requested located at:

- 302 Grass Lane in Wilmington, PIN R04910-006-022-000
- 714 Emory Street in Wilmington
- 1402 Meares Street in Wilmington, PIN R05414-005-001-000
- 1601 S. 13th Street in Wilmington, PIN R05418-005-001-000

Most of these properties were developed before 1961, before we had records. If documents do not exist for this property, it does not imply that there are no septic systems or wells on the property. Septic systems could have been installed prior to our record keeping. Wells could be on the property in the form of irrigation wells, geothermal wells or subsurface wells without documentation. Please note that the property owner must practice due diligence to locate all septic tanks and wells to ensure protection of the environment and aquifers. These septic tanks and wells must be abandoned properly or brought up to code with any redevelopment projects. Well abandonments require a Well Abandonment permit from Env. Health.

Please contact the NC Department of Environmental Quality-Wilmington Regional Office for records relating to hazardous materials, underground storage tanks (USTs), and spills/releases, etc. since this agency is the primary regulator of these environmental concerns.

They can be reached at 127 Cardinal Drive Ext., Wilmington, NC 28405, Phone: 910-796-7215, Fax: 910-350-2004. Their website is: https://deq.nc.gov/.

Please don't hesitate to call me if you have questions.

Sincerely,

Marie Hemmen

Marie Hemmen
Environmental Health Program Specialist (OSWP)
New Hanover County - Health and Human Services
(910) 798-6664 p | (910) 798-7815 f
MHemmen@nhcgov.com
230 Government Center Drive, Suite 140
Wilmington, NC 28403
www.NHCgov.com

From: Samantha D Potter <SPotter@ecslimited.com>
Sent: Wednesday, April 5, 2023 3:14 PM

To: Program Support <programsupport@nhcgov.com>
Subject: ECS public record request

** External Email: Do not click links, open attachments, or reply until you know it is safe **
Good Afternoon,

ECS Southeast, LLP has been hired to perform a Phase I Environmental Site Assessment (ESA) for four separate properties:

- 302 Grass Lane in Wilmington, PIN R04910-006-022-000
- 714 Emory Street in Wilmington
- 1402 Meares Street in Wilmington, PIN R05414-005-001-000
- 1601 S. 13th Street in Wilmington, PIN R05418-005-001-000

Do you know if there are any records of:

- If permits for water supply wells and septic systems been issued.
- If there are records of spills, releases or other incidents that might impact groundwater

Thank you for your help

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Appendix III: Regulatory Records Documentation

DATABASE REPORT

Project Property:	*Woodbridge* *302 Grass Lane* *Wilmington NC 28405*
Project No:	*49-20023*
Report Type:	*Database Report*
Order No:	*23040400779*
Requested by:	*ECS Limited Southeast*
Date Completed:	*April 5, 2023*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

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Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

Reliance on information in Report: This report DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as database review of environmental records.

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Executive Summary

Property Information:

Project Property:	*Woodbridge* *302 Grass Lane Wilmington NC 28405*
Project No:	*49-20023*

Coordinates:

Latitude:	*34.24585969*
Longitude:	*-77.8954198*
UTM Northing:	*3,793,210.47*
UTM Easting:	*233,345.12*
UTM Zone:	*UTM Zone 18S*

Elevation: *34 FT*

Order Information:

Order No:	*23040400779*
Date Requested:	*April 4, 2023*
Requested by:	*ECS Limited Southeast*
Report Type:	*Database Report*

Historicals/Products:

Aerial Photographs	*Historical Aerials (with Project Boundaries)*
City Directory Search	*Smart CD Search*
ERIS Xplorer	*ERIS Xplorer*
Excel Add-On	*Excel Add-On*
Fire Insurance Maps	*US Fire Insurance Maps*
Physical Setting Report (PSR)	*Physical Setting Report (PSR)*
Topographic Map	*Topographic Maps*

Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
Standard Environmental Records								
Federal								
DOE FUSRAP	Y	1	0	0	0	0	0	0
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	0.5	0	0	0	0	-	0
SEMS	Y	0.5	0	0	0	0	-	0
ODI	Y	0.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	0.5	0	0	0	0	-	0
CERCLIS	Y	0.5	0	0	0	0	-	0
IODI	Y	0.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	0.5	0	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	0	0	0
RCRA TSD	Y	0.5	0	0	0	0	-	0
RCRA LQG	Y	0.25	0	0	0	-	-	0
RCRA SQG	Y	0.25	0	0	0	-	-	0
RCRA VSQG	Y	0.25	0	0	0	-	-	0
RCRA NON GEN	Y	0.25	0	0	***1***	-	-	***1***
RCRA CONTROLS	Y	0.5	0	0	0	0	-	0
FED ENG	Y	0.5	0	0	0	0	-	0
FED INST	Y	0.5	0	0	0	0	-	0
LUCIS	Y	0.5	0	0	0	0	-	0
NPL IC	Y	0.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	0.5	0	0	0	0	-	0
FEMA UST	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
FRP	Y	0.25	0	0	0	-	-	0
DELISTED FRP	Y	0.25	0	0	0	-	-	0
HIST GAS STATIONS	Y	0.25	0	0	0	-	-	0
REFN	Y	0.25	0	0	0	-	-	0
BULK TERMINAL	Y	0.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	0	0
State								
SHWS	Y	1	0	0	0	**2**	**1**	**3**
LUST TRUST	Y	0.5	0	**1**	0	**4**	-	**5**
DELISTED SHWS	Y	1	0	0	0	0	0	0
SWF/LF	Y	0.5	0	0	0	0	-	0
OLD LF	Y	0.5	0	0	0	0	-	0
COAL ASH LF	Y	0.5	0	0	0	0	-	0
LUST	Y	0.5	0	**1**	**2**	**15**	-	**18**
HSDS	Y	1	0	0	0	0	**1**	**1**
LAST	Y	0.5	0	0	0	**2**	-	**2**
DELISTED LST	Y	0.5	0	0	0	0	-	0
UST	Y	0.25	0	**1**	**1**	-	-	**2**
AST	Y	0.25	0	0	0	-	-	0
TANK	Y	0.25	0	0	0	-	-	0
DTNK	Y	0.25	0	0	0	-	-	0
SOIL REM PERMITS	Y	0.25	0	0	0	-	-	0
INST	Y	0.5	0	0	0	0	-	0
LUR	Y	0.5	0	**1**	**1**	**9**	-	**11**
FUEL STATIONS	Y	0.25	0	0	**1**	-	-	**1**
DELISTED FSS	Y	0.25	0	0	0	-	-	0
VCP	Y	0.5	0	0	0	0	-	0
BROWNFIELDS	Y	0.5	0	0	0	**1**	-	**1**
Tribal								
INDIAN LUST	Y	0.5	0	0	0	0	-	0
INDIAN UST	Y	0.25	0	0	0	-	-	0
DELISTED INDIAN LST	Y	0.5	0	0	0	0	-	0
DELISTED INDIAN UST	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
County	***No County standard environmental record sources available for this State.***							
Additional Environmental Records								
Federal								
FINDS/FRS	Y	PO	0	-	-	-	-	0
TRIS	Y	PO	0	-	-	-	-	0
PFAS NPL	Y	0.5	0	0	0	0	-	0
PFAS FED SITES	Y	0.5	0	0	0	0	-	0
PFAS SSEHRI	Y	0.5	0	0	0	0	-	0
ERNS PFAS	Y	0.5	0	0	0	0	-	0
PFAS NPDES	Y	0.5	0	0	0	0	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0
PFAS WATER	Y	0.5	0	0	0	0	-	0
PFAS TSCA	Y	0.5	0	0	0	0	-	0
HMIRS	Y	0.125	0	0	-	-	-	0
NCDL	Y	0.125	0	0	-	-	-	0
TSCA	Y	0.125	0	0	-	-	-	0
HIST TSCA	Y	0.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	0.5	0	0	0	0	-	0
ICIS	Y	PO	0	-	-	-	-	0
FED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	**1**	**1**
FORMER NIKE	Y	1	0	0	0	0	0	0
PIPELINE INCIDENT	Y	PO	0	-	-	-	-	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	0.25	0	0	0	-	-	0
SMCRA	Y	1	0	0	0	0	0	0
MRDS	Y	1	0	0	0	0	0	0
LM SITES	Y	1	0	0	0	0	0	0
ALT FUELS	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
CONSENT DECREES	Y	0.25	0	0	0	-	-	0
AFS	Y	PO	0	-	-	-	-	0
SSTS	Y	0.25	0	0	0	-	-	0
PCBT	Y	0.5	0	0	0	0	-	0
PCB	Y	0.5	0	0	0	0	-	0
State								
DRYC DSCA	Y	0.5	0	0	0	**2**	-	**2**
DRYC HIST BOILER	Y	0.25	0	0	0	-	-	0
DRYC CITY DIR	Y	0.25	0	0	0	-	-	0
DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
SPILLS	Y	0.125	0	**1**	-	-	-	**1**
MGP	Y	1	0	0	0	0	0	0
PFAS	Y	0.5	0	0	0	0	-	0
SWRCY	Y	0.5	0	0	0	0	-	0
HAZ	Y	0.25	0	0	0	-	-	0
SDTF	Y	0.125	0	0	-	-	-	0
TIER 2	Y	0.125	0	0	-	-	-	0
UIC	Y	PO	0	-	-	-	-	0
AIR PERMIT	Y	0.25	0	0	0	-	-	0
FEEDLOTS	Y	0.5	0	0	0	0	-	0
Tribal	***No Tribal additional environmental record sources available for this State.***							
County	***No County additional environmental record sources available for this State.***							
Total:			0	**5**	**6**	**35**	**3**	**49**

**** PO – Property Only***
**** 'Property and adjoining properties' database search radii are set at 0.25 miles.***

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number

No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	SPILLS	Northside WWTP	314 Greendale Dr. NC	W	0.12 / 613.89	-1	24
2	LUST	CITY OF WILMINGTON-FIRE STATION #3	3933 PRINCESS PLACE WILMINGTON NC 28402 ***Incident No:*** 6964 ***Incid Phase Desc:*** Close Out	SW	0.12 / 621.35	4	24
2	LUST TRUST	City Of Wilmington Fire Station #3	3933 Princess Place Wilmington NC ***Incident No | Facility ID:*** 6964 | 0-022694	SW	0.12 / 621.35	4	28
2	UST	WILMINGTON FIRE DEPT STATION 3	3933 PRINCESS PLACE DR. WILMINGTON NC 28402 ***Facility ID:*** 00-0-0000022694 ***Tank ID | Tank Status:*** 1 | Removed	SW	0.12 / 621.35	4	28
2	LUR	CITY OF WILMINGTON-FIRE STATION #3	3933 PRINCESS PLACE WILMINGTON NC	SW	0.12 / 621.35	4	29
3	LUST	GAS CENTER # 3	4001 MARKET ST. WILMINGTON NC 28401 ***Incident No:*** 15319 ***Incid Phase Desc:*** Close Out	S	0.21 / 1,100.84	6	30
3	UST	GAS CENTER 3	4001 MARKET ST WILMINGTON NC 28401 ***Facility ID:*** 00-0-0000001436 ***Tank ID | Tank Status:*** 001 | Removed, 002 | Removed, 005 | Removed, 1 | Current, 3 | Current, 2 | Current, 003 | Removed, 004 | Removed	S	0.21 / 1,100.84	6	32
3	FUEL STATIONS	Gas Center #3	4001 Market St. Wilmington NC 28401	S	0.21 / 1,100.84	6	36
3	LUR	GAS CENTER # 3	4001 MARKET ST. WILMINGTON NC	S	0.21 / 1,100.84	6	36
4	RCRA NON GEN	WES HOWELL VOLVO	4010 MARKET ST WILMINGTON NC 28403 ***EPA Handler ID:*** NCD986189231	S	0.23 / 1,210.74	5	37
5	LUST	503 CLOVER RD	503 CLOVER RD WILMINGTON NC 274053314 ***Incident No:*** 32997	ENE	0.23 / 1,235.27	3	38
6	LUST	BARNHILL PROPERTY (EUGENE)	415 NORTH KERR AVENUE WILMINGTON NC 28405 ***Incident No:*** 32392 ***Incid Phase Desc:*** Close Out	ENE	0.26 / 1,385.43	3	40

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
7	LUST TRUST	Barnhill Property (Eugene)	415 North Kerr Avenue Wilmington NC ***Incident No | Facility ID:*** 32392 |	ENE	0.28 / 1,503.73	3	43
8	LUST	SCOTCHMAN # 3321	4415 MARKET STREET WILMINGTON NC 28401 ***Incident No:*** 32876 ***Incid Phase Desc:*** Close Out	ESE	0.30 / 1,582.03	7	43
8	LUST TRUST	Scotchman # 3321	4415 Market Street Wilmington NC ***Incident No | Facility ID:*** 32876 | 0-020578	ESE	0.30 / 1,582.03	7	46
9	LUR	BLOUNT ELEMENTARY SCHOOL	3702 PRINCESS PLACE DR. WILMINGTON NC	WSW	0.31 / 1,640.68	5	46
10	LUST	BLOUNT ELEMENTARY SCHOOL	3702 PRINCESS PLACE DR. WILMINGTON NC 28401 ***Incident No:*** 32207 ***Incid Phase Desc:*** Close Out	WSW	0.31 / 1,640.68	5	47
11	LUST	Kerr Ave - 204 N.	204 N. Kerr Ave Wilmington NC 28405 ***Incident No:*** 47047 ***Incid Phase Desc:*** Close Out	E	0.32 / 1,682.57	4	49
12	LUST	NEWELL RESIDENCE	513 NORTH KERR AVE. WILMINGTON NC 284053413 ***Incident No:*** 21122 ***Incid Phase Desc:*** Close Out	ENE	0.32 / 1,707.06	1	51
13	LAST	Kerr Ave - 304 N	304 N. Kerr Ave Wilmington NC 28405 ***Incident No | Current Status | Dt Occurred (IMD) | Current Stat (Map) | Dt Occurred (Map):*** 94375 | Current Record | 2/22/2018 | Current Record | 2018/02/23 00:00:00+00 ***Inci Phase Desc:*** Close Out	E	0.32 / 1,707.72	2	54
14	LUST	GAS WORLD #1	4412 MARKET ST. WILMINGTON NC 28403 ***Incident No:*** 17907 ***Incid Phase Desc:*** Close Out	SE	0.32 / 1,707.94	6	57
14	LUST	SCOTCHMAN #3261	4412 MARKET STREET WILMINGTON NC 28403 ***Incident No:*** 32877 ***Incid Phase Desc:*** Close Out	SE	0.32 / 1,707.94	6	62
14	LUST TRUST	Scotchman #3261	4412 Market Street Wilmington NC ***Incident No | Facility ID:*** 32877 | 0-020185	SE	0.32 / 1,707.94	6	65
14	LUR	GAS WORLD #1	4412 MARKET ST. WILMINGTON NC	SE	0.32 / 1,707.94	6	65
14	LUR	SCOTCHMAN#3261	4412 MARKET STREET WILMINGTON NC	SE	0.32 / 1,707.94	6	65

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
15	LUST TRUST	Newell Property (former)	513 N. Kerr Avenue Wilmington NC ***Incident No | Facility ID:*** 21122 | 0-020252	ENE	0.32 / 1,710.11	1	66
15	LUR	NEWELL RESIDENCE	513 NORTH KERR AVE. WILMINGTON NC	ENE	0.32 / 1,710.11	1	66
16	LUST	NORTH 17 SHOPPING CENTER	4410 MARKET ST. WILMINGTON NC 28403 ***Incident No:*** 32431 ***Incid Phase Desc:*** Close Out	SE	0.33 / 1,743.13	6	66
16	LUR	NORTH 17 SHOPPING CENTER	4410 MARKET ST. WILMINGTON NC	SE	0.33 / 1,743.13	6	69
17	LUST	ATLANTIC SHORES DIST.	3801 MARKET ST. WILMINGTON NC	SW	0.34 / 1,803.15	5	69
18	LUST	CAMPBELL, DORIS	3805 MARKET ST. (WAS3803-3804) WILMINGTON NC 284031401 ***Incident No:*** 43025 ***Incid Phase Desc:*** Close Out	SW	0.34 / 1,816.50	4	71
19	LUST	N. Kerr Ave - 504	504 North Kerr Ave Wilmington NC 28405 ***Incident No:*** 43176 ***Incid Phase Desc:*** Close Out	ENE	0.35 / 1,866.03	3	73
20	DRYC DSCA	Coastal Cleaners	7 S Kerr Ave, Wilmington 28405 NC	SE	0.38 / 2,021.76	7	76
21	LUR	THE FURNITURE OUTLET	3722 & 3702 MARKET STREET WILMINGTON NC	SW	0.39 / 2,068.36	4	77
22	LUST	THE FURNITURE OUTLET	3722 & 3702 MARKET STREET WILMINGTON NC 28405 ***Incident No:*** 9080 ***Incid Phase Desc:*** Close Out	SW	0.39 / 2,068.37	4	77
23	LUST	EL BERTA MOTEL	4505 MARKET STREET WILMINGTON NC 28401	ESE	0.41 / 2,168.07	5	79
24	LUR	Coastal Cleaners	5 South Kerr Avenue wilmington NC	ESE	0.42 / 2,227.22	6	81
25	LUR	KAYO STATION, FORMER	3626 MARKET STREET WILMINGTON NC	SW	0.42 / 2,234.49	4	81

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
26	LUST	KAYO STATION, FORMER	3626 MARKET STREET WILMINGTON NC 28403	SW	0.42 / 2,234.49	4	82
			Incident No: 32083 ***Incid Phase Desc:*** Close Out				
27	DRYC DSCA	Kings Laundry	4615 Market St, Wilmington 28405 NC	ESE	0.44 / 2,300.56	5	84
28	LAST	CP & L	Holden place, N. Kerr Ave Wilmington NC 28401	E	0.45 / 2,359.25	0	84
			Incident No | Current Status | Dt Occurred (IMD) | Current Stat (Map) | Dt Occurred (Map): 86014 | Current Record | 6/4/2001 | Current Record | 2001/06/05 00:00:00+00 ***Inci Phase Desc:*** Close Out				
29	LUST	WETSIG YACHT FACILITY	4022 MARKET STREET WILMINGTON NC 28405	S	0.48 / 2,541.33	5	87
			Incident No: 32039 ***Incid Phase Desc:*** Close Out				
29	SHWS	WETSIG YACHTS	4022 MARKET STREET WILMINGTON NC	S	0.48 / 2,541.33	5	89
			EPA ID: NONCD0001105				
29	BROWNFIELDS	Wetsig Yachts	4022 Market Street Wilmington NC	S	0.48 / 2,541.33	5	89
29	LUR	Wetsig Yachts	4022 Market Street Wilmington NC	S	0.48 / 2,541.33	5	90
30	SHWS	BECKER BUILDERS SUPPLY COMPANY	4614 MARKET STREET WILMINGTON NC	ESE	0.48 / 2,557.69	5	90
			EPA ID: NONCD0001330				
31	FUDS	NEW HANOVER CNTY ARPT	WILMINGTON NC	NNW	0.59 / 3,113.81	-6	91
			FUDS Property No: I04NC0101				
32	HSDS	ALANDALE DR (4008) CHEMICALS	NC	NNE	0.77 / 4,057.54	-11	92
33	SHWS	ALANDALE DR 4008 CHEMICALS	4008 ALANDALE DRIVE WILMINGTON NC	NNE	0.83 / 4,391.92	-21	92
			EPA ID: NCD981929557				

Executive Summary: Summary by Data Source

Standard

Federal

RCRA NON GEN - RCRA Non-Generators

A search of the RCRA NON GEN database, dated Jan 23, 2023 has found that there are 1 RCRA NON GEN site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
WES HOWELL VOLVO	4010 MARKET ST WILMINGTON NC 28403 ***EPA Handler ID**: NCD986189231*	S	0.23 / 1,210.74	4

State

SHWS - Inactive Hazardous Sites and Federal Remediation Branch Sites

A search of the SHWS database, dated Jan 31, 2023 has found that there are 3 SHWS site(s) within approximately 1.00 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
WETSIG YACHTS	4022 MARKET STREET WILMINGTON NC ***EPA ID**: NONCD0001105*	S	0.48 / 2,541.33	29
BECKER BUILDERS SUPPLY COMPANY	4614 MARKET STREET WILMINGTON NC ***EPA ID**: NONCD0001330*	ESE	0.48 / 2,557.69	30

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ALANDALE DR 4008 CHEMICALS	4008 ALANDALE DRIVE WILMINGTON NC ***EPA ID**: NCD981929557*	NNE	0.83 / 4,391.92	33

LUST TRUST - State Trust Funds Database

A search of the LUST TRUST database, dated Feb 17, 2023 has found that there are 5 LUST TRUST site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
City Of Wilmington Fire Station #3	3933 Princess Place Wilmington NC ***Incident No**	**Facility ID**: 6964	0-022694*	SW	0.12 / 621.35	2
Barnhill Property (Eugene)	415 North Kerr Avenue Wilmington NC	ENE	0.28 / 1,503.73	7

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	Incident No* | *Facility ID: *32392* |			
Scotchman # 3321	4415 Market Street Wilmington NC	ESE	0.30 / 1,582.03	8
	Incident No* | *Facility ID: *32876* | *0-020578*			
Scotchman #3261	4412 Market Street Wilmington NC	SE	0.32 / 1,707.94	14
	Incident No* | *Facility ID: *32877* | *0-020185*			
Newell Property (former)	513 N. Kerr Avenue Wilmington NC	ENE	0.32 / 1,710.11	15
	Incident No* | *Facility ID: *21122* | *0-020252*			

LUST - Incident Management Database (Regional Underground Storage Tanks)

A search of the LUST database, dated Feb 15, 2023 has found that there are 18 LUST site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
CITY OF WILMINGTON-FIRE STATION #3	3933 PRINCESS PLACE WILMINGTON NC 28402	SW	0.12 / 621.35	2
	Incident No: *6964* ***Incid Phase Desc***: *Close Out*			
GAS CENTER # 3	4001 MARKET ST. WILMINGTON NC 28401	S	0.21 / 1,100.84	3
	Incident No: *15319* ***Incid Phase Desc***: *Close Out*			
503 CLOVER RD	503 CLOVER RD WILMINGTON NC 274053314	ENE	0.23 / 1,235.27	5
	Incident No: *32997*			
BARNHILL PROPERTY (EUGENE)	415 NORTH KERR AVENUE WILMINGTON NC 28405	ENE	0.26 / 1,385.43	6
	Incident No: *32392* ***Incid Phase Desc***: *Close Out*			
SCOTCHMAN # 3321	4415 MARKET STREET WILMINGTON NC 28401	ESE	0.30 / 1,582.03	8
	Incident No: *32876* ***Incid Phase Desc***: *Close Out*			
BLOUNT ELEMENTARY SCHOOL	3702 PRINCESS PLACE DR. WILMINGTON NC 28401	WSW	0.31 / 1,640.68	10
	Incident No: *32207* ***Incid Phase Desc***: *Close Out*			
Kerr Ave - 204 N.	204 N. Kerr Ave Wilmington NC 28405	E	0.32 / 1,682.57	11
	Incident No: *47047* ***Incid Phase Desc***: *Close Out*			
NEWELL RESIDENCE	513 NORTH KERR AVE. WILMINGTON NC 284053413	ENE	0.32 / 1,707.06	12

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	***Incident No**: 21122* ***Incid Phase Desc**: Close Out*			
SCOTCHMAN #3261	4412 MARKET STREET WILMINGTON NC 28403	SE	0.32 / 1,707.94	14
	***Incident No**: 32877* ***Incid Phase Desc**: Close Out*			
GAS WORLD #1	4412 MARKET ST. WILMINGTON NC 28403	SE	0.32 / 1,707.94	14
	***Incident No**: 17907* ***Incid Phase Desc**: Close Out*			
NORTH 17 SHOPPING CENTER	4410 MARKET ST. WILMINGTON NC 28403	SE	0.33 / 1,743.13	16
	***Incident No**: 32431* ***Incid Phase Desc**: Close Out*			
ATLANTIC SHORES DIST.	3801 MARKET ST. WILMINGTON NC	SW	0.34 / 1,803.15	17
CAMPBELL, DORIS	3805 MARKET ST. (WAS3803-3804) WILMINGTON NC 284031401	SW	0.34 / 1,816.50	18
	***Incident No**: 43025* ***Incid Phase Desc**: Close Out*			
N. Kerr Ave - 504	504 North Kerr Ave Wilmington NC 28405	ENE	0.35 / 1,866.03	19
	***Incident No**: 43176* ***Incid Phase Desc**: Close Out*			
THE FURNITURE OUTLET	3722 & 3702 MARKET STREET WILMINGTON NC 28405	SW	0.39 / 2,068.37	22
	***Incident No**: 9080* ***Incid Phase Desc**: Close Out*			
EL BERTA MOTEL	4505 MARKET STREET WILMINGTON NC 28401	ESE	0.41 / 2,168.07	23
KAYO STATION, FORMER	3626 MARKET STREET WILMINGTON NC 28403	SW	0.42 / 2,234.49	26
	***Incident No**: 32083* ***Incid Phase Desc**: Close Out*			
WETSIG YACHT FACILITY	4022 MARKET STREET WILMINGTON NC 28405	S	0.48 / 2,541.33	29
	***Incident No**: 32039* ***Incid Phase Desc**: Close Out*			

HSDS - Hazard Substance Disposal Sites

A search of the HSDS database, dated Jan 1, 1999 has found that there are 1 HSDS site(s) within approximately 1.00 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ALANDALE DR (4008) CHEMICALS	NC	NNE	0.77 / 4,057.54	32

LAST - Aboveground Incident Management Database (Regional Aboveground Storage Tanks)

A search of the LAST database, dated Jan 6, 2023 has found that there are 2 LAST site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Kerr Ave - 304 N	304 N. Kerr Ave Wilmington NC 28405	E	0.32 / 1,707.72	13
	***Incident No | Current Status | Dt Occurred (IMD) | Current Stat (Map) | Dt Occurred (Map)**: 94375 | Current Record | 2/22/2018 | Current Record | 2018/02/23 00:00:00+00* ***Inci Phase Desc**: Close Out*			
CP & L	Holden place, N. Kerr Ave Wilmington NC 28401	E	0.45 / 2,359.25	28
	***Incident No | Current Status | Dt Occurred (IMD) | Current Stat (Map) | Dt Occurred (Map)**: 86014 | Current Record | 6/4/2001 | Current Record | 2001/06/05 00:00:00+00* ***Inci Phase Desc**: Close Out*			

UST - Registered Tanks Database

A search of the UST database, dated Jan 11, 2023 has found that there are 2 UST site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
WILMINGTON FIRE DEPT STATION 3	3933 PRINCESS PLACE DR. WILMINGTON NC 28402	SW	0.12 / 621.35	2
	***Facility ID**: 00-0-0000022694* ***Tank ID | Tank Status**: 1 | Removed*			
GAS CENTER 3	4001 MARKET ST WILMINGTON NC 28401	S	0.21 / 1,100.84	3
	***Facility ID**: 00-0-0000001436* ***Tank ID | Tank Status**: 001 | Removed, 002 | Removed, 005 | Removed, 1 | Current, 3 | Current, 2 | Current, 003 | Removed, 004 | Removed*			

LUR - Land Use Restriction and/or Notices

A search of the LUR database, dated May 4, 2022 has found that there are 11 LUR site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
CITY OF WILMINGTON-FIRE STATION #3	3933 PRINCESS PLACE WILMINGTON NC	SW	0.12 / 621.35	2
GAS CENTER # 3	4001 MARKET ST. WILMINGTON NC	S	0.21 / 1,100.84	3

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
BLOUNT ELEMENTARY SCHOOL	3702 PRINCESS PLACE DR. WILMINGTON NC	WSW	0.31 / 1,640.68	9
SCOTCHMAN#3261	4412 MARKET STREET WILMINGTON NC	SE	0.32 / 1,707.94	14
GAS WORLD #1	4412 MARKET ST. WILMINGTON NC	SE	0.32 / 1,707.94	14
NEWELL RESIDENCE	513 NORTH KERR AVE. WILMINGTON NC	ENE	0.32 / 1,710.11	15
NORTH 17 SHOPPING CENTER	4410 MARKET ST. WILMINGTON NC	SE	0.33 / 1,743.13	16
THE FURNITURE OUTLET	3722 & 3702 MARKET STREET WILMINGTON NC	SW	0.39 / 2,068.36	21
Coastal Cleaners	5 South Kerr Avenue wilmington NC	ESE	0.42 / 2,227.22	24
KAYO STATION, FORMER	3626 MARKET STREET WILMINGTON NC	SW	0.42 / 2,234.49	25
Wetsig Yachts	4022 Market Street Wilmington NC	S	0.48 / 2,541.33	29

FUEL STATIONS - Fuel Service Stations

A search of the FUEL STATIONS database, dated Aug 29, 2022 has found that there are 1 FUEL STATIONS site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Gas Center #3	4001 Market St. Wilmington NC 28401	S	0.21 / 1,100.84	3

BROWNFIELDS - Brownfields Projects Inventory

A search of the BROWNFIELDS database, dated Oct 5, 2022 has found that there are 1 BROWNFIELDS site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Wetsig Yachts	4022 Market Street Wilmington NC	S	0.48 / 2,541.33	29

Non Standard

Federal

FUDS - Formerly Used Defense Sites

A search of the FUDS database, dated Jul 12, 2022 has found that there are 1 FUDS site(s) within approximately 1.00 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
NEW HANOVER CNTY ARPT	WILMINGTON NC ***FUDS Property No**: I04NC0101*	NNW	0.59 / 3,113.81	31

State

DRYC DSCA - Dry Cleaning Contamination and Solvent Cleanup Act (DSCA) Program

A search of the DRYC DSCA database, dated Dec 16, 2021 has found that there are 2 DRYC DSCA site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Coastal Cleaners	7 S Kerr Ave, Wilmington 28405 NC	SE	0.38 / 2,021.76	20
Kings Laundry	4615 Market St, Wilmington 28405 NC	ESE	0.44 / 2,300.56	27

SPILLS - Incident Management Database (Spills)

A search of the SPILLS database, dated Oct 28, 2021 has found that there are 1 SPILLS site(s) within approximately 0.12 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Northside WWTP	314 Greendale Dr. NC	W	0.12 / 613.89	1



Map: 1.0 Mile Radius

Order Number: 23040400779

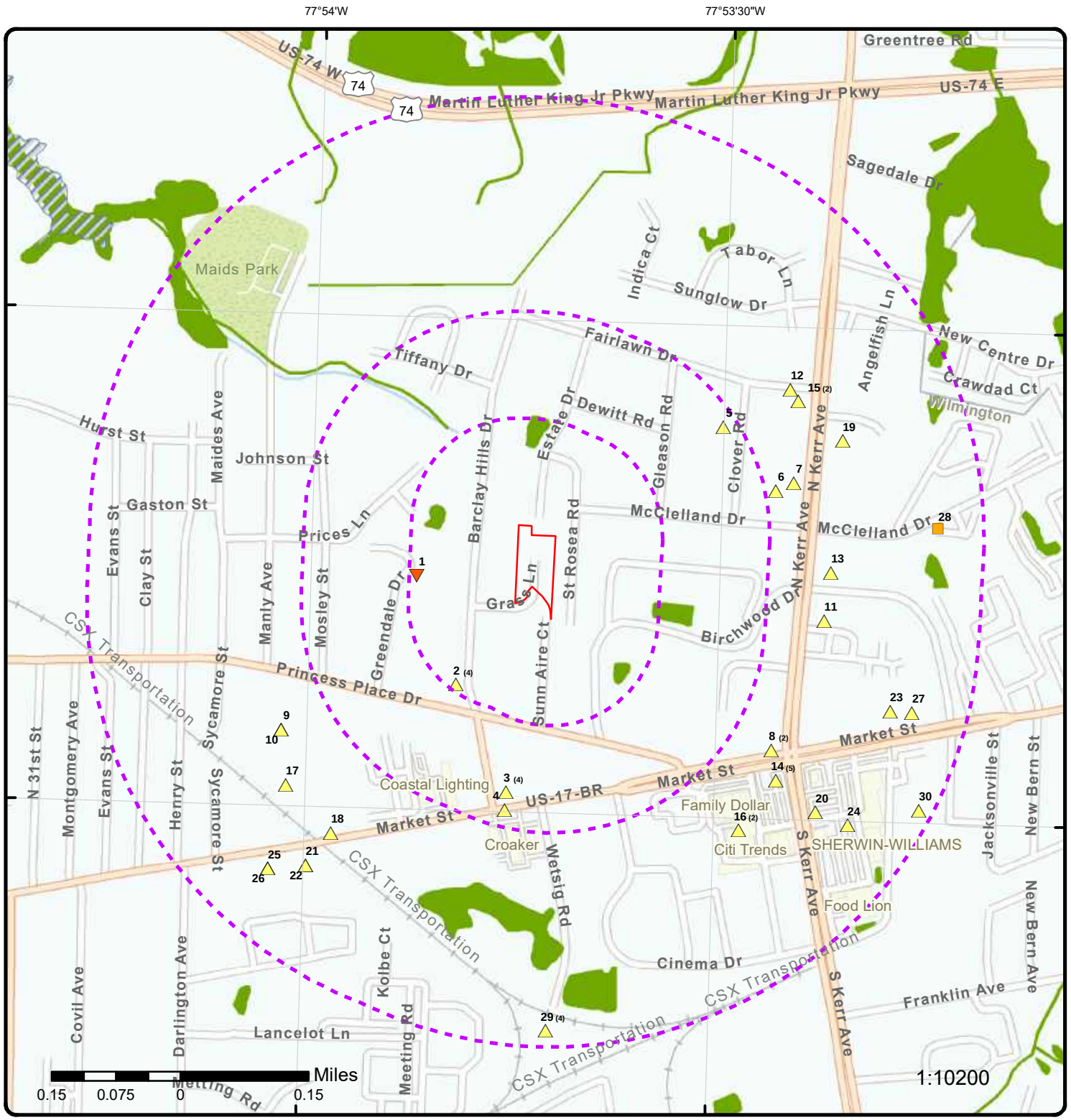
Address: 302 Grass Lane, Wilmington, NC

ERIS

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- Plume
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

Source: © 2021 ESRI StreetMap Premium

© ERIS Information Inc.



Map: 0.5 Mile Radius

Order Number: 23040400779

Address: 302 Grass Lane, Wilmington, NC

ERIS

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- Plume
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

Source: © 2021 ESRI StreetMap Premium

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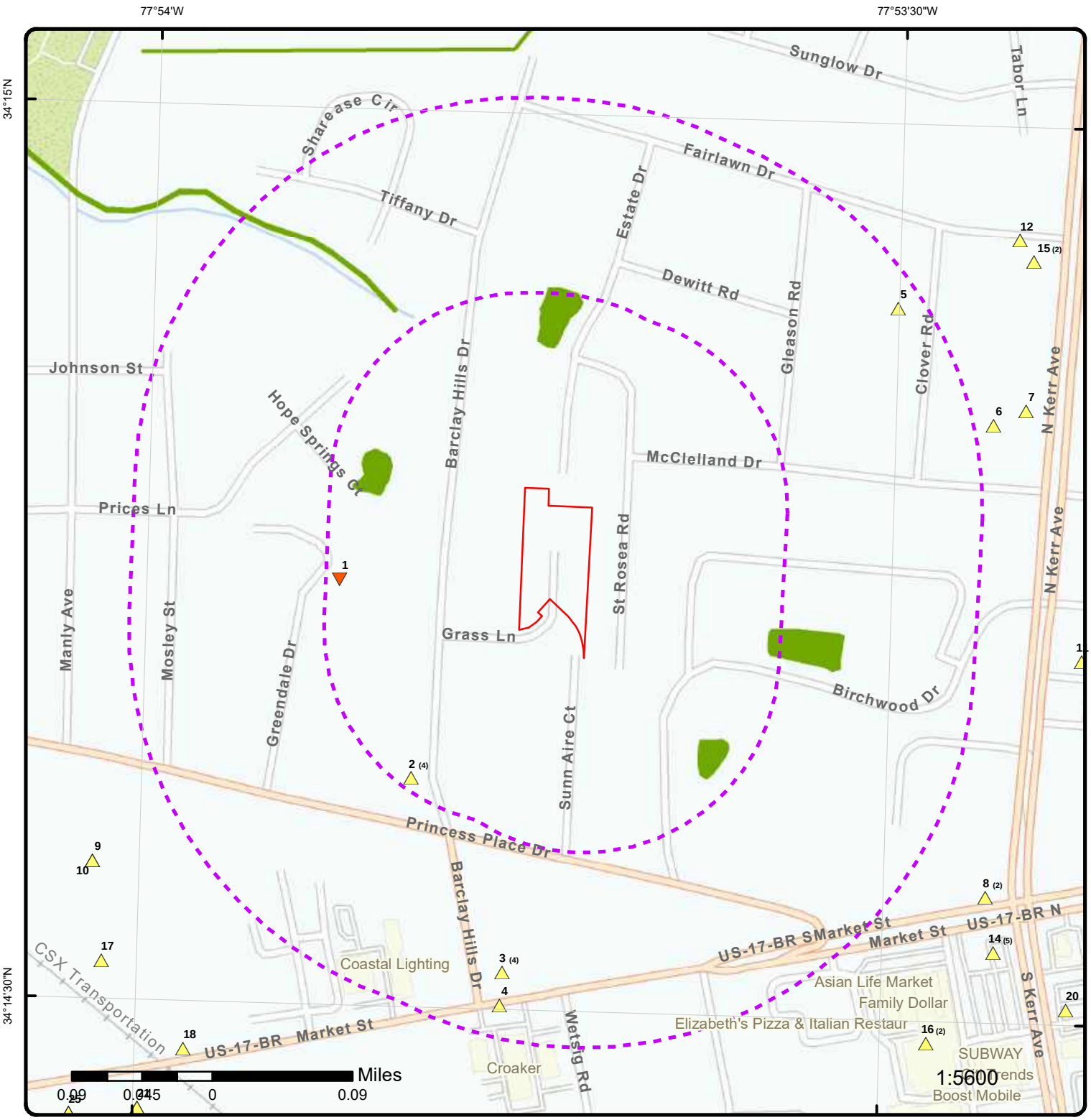

Map: 0.25 Mile Radius

Order Number: 23040400779

Address: 302 Grass Lane, Wilmington, NC

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- Plume
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

Source: © 2021 ESRI StreetMap Premium

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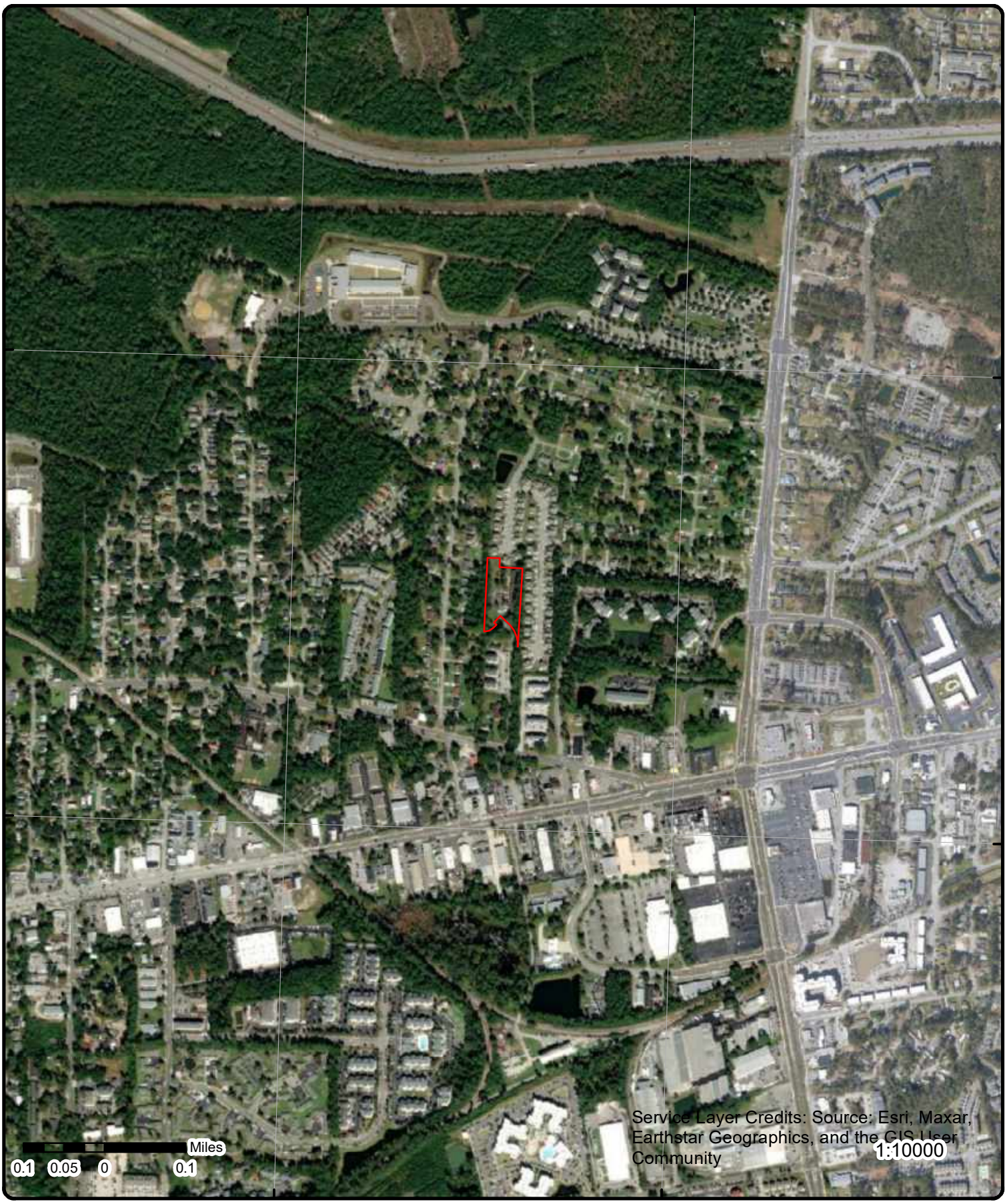

Aerial **Year: 2021**

Order Number: 23040400779

Address: 302 Grass Lane, Wilmington, NC

Source: ESRI World Imagery

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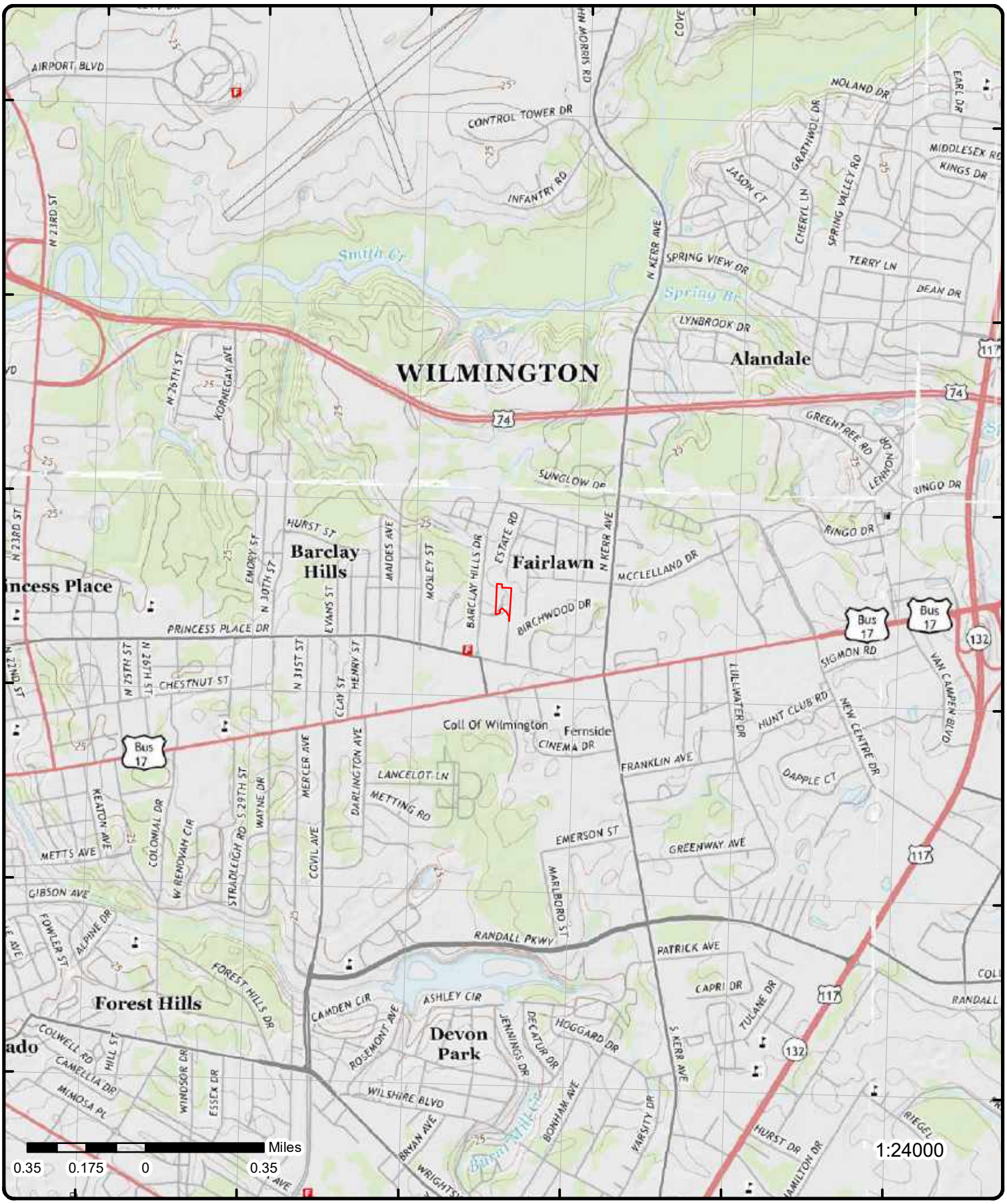

Topographic Map

Year: 2013

Order Number: 23040400779

Address: 302 Grass Lane, NC

Quadrangle(s): Castle Hayne, NC; Wrightsville Beach, NC; Wilmington, NC; Scotts Hill, NC

© ERIS Information Inc.

Source: USGS Topographic Map

Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	1 of 1	W	0.12 / 613.89	33.59 / -1	Northside WWTP 314 Greendale Dr. NC	SPILLS

Incident No: 200010857
Latitude:
Longitude:
Region: Wilmington
County: New Hanover

Incident Details

Permit No: NC0023965
Incident Type: SSO
Start Date: 5/26/2000
Extract Date:
Five Day Start Dt:
Owner: Cape Fear Public Utility Authority
Owner Organztn Nm:
Waterbody Name:
Force Main Length Miles:
Gravity Sewer Length Miles:
Permitted Flow Qty Gpd:
Pressure Sewer Length Miles:
Category:
Year: 2021
Est Total Vol: 500
Est Surface Wtr Vol: 500
Cur Classification:
Duration (Minutes): 60
User Last Updated:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	1 of 4	SW	0.12 / 621.35	38.16 / 4	CITY OF WILMINGTON-FIRE STATION #3 3933 PRINCESS PLACE WILMINGTON NC 28402	LUST

Incdnt No (DWM Map): 6964
Fac ID (DWM Map): 00-0-0000022694
UST No (DWM Map): WI-932
Curr Stat (DWM Map): Archived
Close Out(DWMMap): 2013/02/01 00:00:00+00
Dt Occur (DWM Map): 1991/04/23 00:00:00+00
Incident (DWM Map): CITY OF WILMINGTON-FIRE STATION #3
Address (DWM Map): 3933 PRINCESS PLACE
County (DWM Map): NEW H
City (DWM Map): WILMINGTON
Zip Code (DWM Map): 28402
Latitude (DWM Map): 34.243715
Long (DWM Map): -77.897127
Incident No: 6964
Facility ID: 00-0-0000022694
UST No: WI-932
Current Status: A
Status Title: Archived
Close Out: 1/31/2013
Date Occurred: 4/22/1991
Contam Type: Groundwater/Both
Cleanup: 4/1/1991
County: NEW H
Latitude: 34.243715
Longitude: -77.897127
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx
Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (RRA); RUST Incident Management Database (STATUS)

Incident Details

Release Code: 2
Release Cause:
Release Source: C
Type: 3
Location: 1
Samples Include: 1
7.5 Min Quad:
5 Min Quad:
Submitted Date: 08-Oct-1991 00:00:00
I Ownership: 1

Site Priority:	75E	**Owner Operator:**	MR. RICHARD KING
Priority Update:	30-May-1998 00:00:00	**Ownership:**	1
Source Type:	C	**Ownership Desc:**	Municipal
ERR Type:		**Operation Type:**	1
Wells Affected Y/N:	N	**Operation Desc:**	Public Service
Wells Affected:	0.0	**PIRF Min Soil:**	Pirf
Samples Taken By:	3		

Description of Incident: UPON REMOVAL OF UST, CONTAM. SOIL WAS DISCOVERED.

Incident Report

Report Type:	CSA	**Approved Date:**	
Request Date:		**Implement Date:**	
Received Date:	10-Oct-1995 00:00:00	**Due Date:**	
Reviewed Date:	15-Aug-1995 00:00:00		
PRT ID:	1084553		
Report Type Description:			
Comment:			

not approved **Note: Many records provided by the department have a truncated [Comment] field.

Report Type:	CAP	**Approved Date:**	
Request Date:		**Implement Date:**	
Received Date:	25-Oct-1995 00:00:00	**Due Date:**	
Reviewed Date:	15-Aug-1995 00:00:00		
PRT ID:	1085489		
Report Type Description:	Corrective Action Plan - Soil & GW		
Comment:			

not approved **Note: Many records provided by the department have a truncated [Comment] field.

Report Type:	CLO	**Approved Date:**	
Request Date:		**Implement Date:**	
Received Date:	15-May-1991 00:00:00	**Due Date:**	
Reviewed Date:			
PRT ID:	1083763		
Report Type Description:	Closure Report		
Comment:			

report missing 12/03/12 **Note: Many records provided by the department have a truncated [Comment] field.

Report Type:	45DAY	**Approved Date:**	
Request Date:		**Implement Date:**	
Received Date:	21-Jun-1991 00:00:00	**Due Date:**	
Reviewed Date:			
PRT ID:	1083764		
Report Type Description:	45 Day Report		
Comment:			

report missing 12/03/12 **Note: Many records provided by the department have a truncated [Comment] field.

Report Type:	PN	**Approved Date:**	08-Jan-2013 00:00:00
Request Date:		**Implement Date:**	31-Dec-2012 00:00:00
Received Date:	04-Jan-2013 00:00:00	**Due Date:**	
Reviewed Date:			
PRT ID:	1082584		
Report Type Description:	Public Notification		
Comment:			

Report Type:	MRP	**Approved Date:**	01-Dec-2008 00:00:00
Request Date:		**Implement Date:**	
Received Date:	29-Oct-2008 00:00:00	**Due Date:**	
Reviewed Date:	01-Dec-2008 00:00:00		
PRT ID:	1089161		

Report Type Description: Monitoring Report (Pre-CAP)
Comment:

Report Type: MRP
Request Date:
Received Date: 22-May-2009 00:00:00
Reviewed Date: 23-Jun-2009 00:00:00
PRT ID: 1089162
Report Type Description: Monitoring Report (Pre-CAP)
Comment:
Approved Date: 23-Jun-2009 00:00:00
Implement Date:
Due Date:

Report Type: MRP
Request Date:
Received Date: 19-Jan-2010 00:00:00
Reviewed Date: 09-Feb-2010 00:00:00
PRT ID: 1089163
Report Type Description: Monitoring Report (Pre-CAP)
Comment:
Approved Date: 09-Feb-2010 00:00:00
Implement Date:
Due Date:

Report Type: MRP
Request Date:
Received Date: 27-May-2011 00:00:00
Reviewed Date: 23-Jun-2011 00:00:00
PRT ID: 1089164
Report Type Description: Monitoring Report (Pre-CAP)
Comment:
Approved Date: 23-Jun-2011 00:00:00
Implement Date:
Due Date:

Report Type: MRP
Request Date:
Received Date: 10-Oct-2012 00:00:00
Reviewed Date: 17-Oct-2012 00:00:00
PRT ID: 1089165
Report Type Description: Monitoring Report (Pre-CAP)
Comment:
Approved Date: 17-Oct-2012 00:00:00
Implement Date:
Due Date:

Nrp norr **Note: Many records provided by the department have a truncated [Comment] field.

Report Type: DR
Request Date:
Received Date: 30-Nov-2012 00:00:00
Reviewed Date: 03-Dec-2012 00:00:00
PRT ID: 1089170
Report Type Description: Deed Recordation
Comment:
Approved Date: 05-Dec-2012 00:00:00
Implement Date: 21-Dec-2012 00:00:00
Due Date:

NRP for soil and gw. NFA issued PN required. WER b5698 p2210-2214 **Note: Many records provided by the department have a truncated [Comment] field.

RRA

RRA Date: 30-Sep-2005 00:00:00
RRA Init: dtm
RRA Risk: H
RRA ID: 42390
RRA Rank: 0160
RRA Abate: D

RRA Date: 17-Oct-2012 00:00:00
RRA Init: dtm
RRA Risk: L
RRA ID: 47068
RRA Rank: 160
RRA Abate: D

Incident Status

Last Modified:	31-Jan-2013 00:00:00	***Public Meeting Held:***	
Incident Phase:	CO	***Corrective Act Plan:***	
Incid Phase Desc:	Close Out	***SOC Signed:***	
NOV Issued:		***Reclassification Rep:***	
NORR Issued:		***RS Designation:***	
45 Day Report:		***Closure Req Date:***	

UST Incidents

RO Code:	WIL	***Reg:***	R
CD No:	579	***Conf Risk:***	L
Date Reported:	1991/04/23 00:00:00+00	***RRA Date:***	2012/10/18 00:00:00+00
Land Use:	RES	***RRA Risk:***	L
LUR Filed:	2012/12/22 00:00:00+00	***RRA Rank Curr:***	160
LUR Resc:		***RRA Abate:***	D
LUR State:	B	***Risk:***	L
X:	2333324.65331906	***RRA Rank:***	160
Y:	181541.102006972	***MGR:***	DTM
Comm:	C		
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-932%2A%22%7D		
Object ID:	12367		

RUST Data

MGR:	DTM	***LUR Resc:***	
RO Code:	WIL	***LUR State:***	B
Date Reported:	1991/04/23 00:00:00+00	***SL MGR:***	
Date Reported FY:	1991	***SL Cleanup Strt Dt:***	
Date Occured FY:	1991	***SL Cleanup End Dt:***	
Comm:	C	***SL Site Stat:***	
Reg:	R	***SL Ftfrecdte:***	
Perccomfndelig:	100	***CD NO:***	579
TOT Paid:	0	***RRA Date:***	2012/10/18 00:00:00+00
Conf Risk:	L	***RRA Risk:***	L
Risk:	L	***RRA Rank Curr:***	160
Landuse:	RES	***RRA Abate:***	D
Inc Stat:	Closed	***RRA Rank:***	160
Closeout FY:	2013	***X:***	2333324.65330582
LUR Filed:	2012/12/22 00:00:00+00	***Y:***	181541.101962807
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-932%2A%22%7D		
Comment:	irrigation well on adjacent property. Well abandonment record sent in 10/10/2012. deed recordation 12/21/2012 b5698 p2210-2214. File pulled for archiving in 9/2015 **Note: Many records provided by the department have a truncated [Comment] field.		

LUST Database

MGR:	DTM	***Contact:***	MR. RICHARD KING
Regional Office Cd:	WIL	***Telephone:***	
Date Reported:	4/22/1991	***RP Address:***	302 WILLARD STREET
Release Code:	0	***RP City:***	WILMINGTON
Release Code Desc:		***RP State:***	NC
Source:	3	***RP Zip Code:***	28401
Source Desc:	LEAK, UST	***RP County:***	
Site Priority:	75E	***RP Email:***	
Pollutant Type:	3	***RP Email1:***	
Pollutant Desc:	GASOLINE/DIESEL/KEROSENE	***RP Owner:***	TRUE
Petroleum Type:	P	***RP Operator:***	FALSE
Petrol Type Desc:	PETROLEUM	***RP Land Owner:***	FALSE
COMM:	C	***Lur Status:***	
COMM Desc:	COMMERCIAL	***LUR Filed:***	12/21/2012
Regulated Code:	R	***LUR Resc:***	
Reg Code Desc:	REGULATED	***LUR State:***	B
Notice Rg Rq Issd:	10/8/1991	***GPS Conf:***	31
Notice Violtn Issd:		***RBCA GW:***	G2

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Contamination:	GW	**RBCA GW Desc:**	Cleanups to alternate standards
Cleanup:	4/1/1991	**RBCA:**	S1
Conf Risk:	L	**RBCA Desc:**	Residential
Risk:	L	**CD No:**	579
Land Use:	RES	**Reel No:**	0
Land Use Desc:	Residential	**ERR CD:**	
Phase Reqrd:		**Valid:**	TRUE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:		**New Source:**	
MTBE 1:	Y	**Book:**	
RP Company:	CITY OF WILMINGTON	**Page:**	
HCS Ref:	Google Earth		
Comment:			

irrigation well on adjacent property. Well abandonment record sent in 10/10/2012. deed recordation 12/21/2012 b5698 p2210-2214. File pulled for archiving in 9/2015 **Note: Many records provided by the department have a truncated [Comment] field.

2	2 of 4	SW	0.12 / 621.35	38.16 / 4	City Of Wilmington Fire Station #3 3933 Princess Place Wilmington NC	LUST TRUST

Incident No:	6964
Facility ID:	0-022694
Site County:	New Hanover
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Details

Archive Submit No:		**3rd Party Deduct:**	$0.00
CD No:		**Sum 3rd Party Amts:**	$0.00
UST No:	WI-932	**Deduct Determine:**	0
Priority Rank:		**Deductible Amount:**	$50,000.00
Priority Rank Desc:		**Deductible Reason1:**	
Site Eligible?:	Yes	**Deductible Reason2:**	
% Commercial Fund:	1.0	**Inel App:**	
Reimbursement Form:	No		
Site Note:	Commercial; $50,000 deductible; 100% eligible for costs that exceed the $50,000 deductible.[CGS 12/1/09]		

2	3 of 4	SW	0.12 / 621.35	38.16 / 4	WILMINGTON FIRE DEPT STATION 3 3933 PRINCESS PLACE DR. WILMINGTON NC 28402	UST

Facility ID:	00-0-0000022694	**Fac City (Map):**	
No Reg Tanks:		**Fac Zip (Map):**	
No Non-Reg Tanks:		**X (Map):**	
Non-Reg/Com Tanks:		**Y (Map):**	
Fac Owner Type:		**Latitude (Map):**	
City (Report):	WILMINGTON	**Longitude (Map):**	
State (Report):	NC	**City (PST):**	
Zip (Report):	28402	**Latitude (PST):**	
County (Report):		**Longitude (PST):**	
Latitude (Report):	34.24366	**Contact City:**	WILMINGTON
Longitude (Report):	-77.89719	**Contact State:**	NC
Fac Phone (Map) :		**Contact Zip:**	28402
Fac Name (Report):	WILMINGTON FIRE DEPT STATION 3		
Address1 (Report):	3933 PRINCESS PLACE DR.		
Address2 (Report):			
Fac Name (Map):			
Fac Address (Map):			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Facility Name (PST):
Address (PST):
Contact: WILMINGTON FIRE DEPT
Contact Address 1: 20 S 4TH ST
Contact Address 2:
Data Source: North Carolina Environmental Quality - UST Databases and Reports
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Tank Info (UST Databases and Reports)

Tank ID:	1	***Regulated:***	1
Tank Status:	Removed	***Product:***	Gasoline, Gas Mix
Compartment Tank:	NO	***OvrfllProtection:***	Unknown
Manifold Tank:		***Leak Detection:***	
Main Tank:	NO	***Spill Protection:***	Unknown
Root Tank ID:		***Piping Constr:***	Single Wall Steel
Tank Cert No:		***Tank Constr:***	
Cert No:		***Piping System:***	Unknown
Installation Date:	1972/05/05 00:00:00	***FIPS County Desc:***	New Hanover
Perm Close Date:	1991/04/26 00:00:00	***FR Amt:***	
Capacity:	500	***FR Desc:***	
Commercial:	1	***Last Update Date:***	6/29/2004 0:00:00
FR Bus Name:			
Other CP Tank:			
Other CP Name:			
Leak Detection Key:			
Overfill Protection Key:			
Piping Constr Key:			
Piping System Key:			
Product Key:			
Spill Protection Key:			
Tank Constr Key:			
Tank Status Key:	0		
Tank Constr Key Desc:			

Owner Information

Contact Key:	78667.00	***Phone:***	(910) 341-7845
Facility Key:	104006	***Affiliate Type:***	Owner
FIPS County Desc:	New Hanover	***End Date:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	4 of 4	SW	0.12 / 621.35	38.16 / 4	CITY OF WILMINGTON-FIRE STATION #3 3933 PRINCESS PLACE WILMINGTON NC	LUR

Prj No:	WI-932	***Certification:***	None
Prj Status:	No Further Action	***Deed Bk:***	
Contam Src:	UST System	***Deed Pg:***	
Instrument Status:	Effective	***Plat Bk:***	
Instrument:	Notice and Restriction	***Plat Pg:***	
Rec Date:	12/20/2012	***Plat Link 1:***	
Plat Rec Date:		***Deed Link 1:***	Recorded Document Link
Deed Date:	Recorded 12-20-2012	***Prj County:***	New Hanover
Plat Date:		***X:***	2333323.9285829663
Restricted Media:	Multi-Media	***Y:***	181543.55738264322
Allowed Use:	Media Restrictions Only		

COC: Multi COC
DWM Program: Underground Storage Tank Section
Deed:
Plat:
DWM Contact: Wilmington Regional Office (910) 796-7215
Deed Link: https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-932%2A%22%7D
Plat Link URL:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Note:		Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx				

3	1 of 4	S	0.21 / 1,100.84	40.05 / 6	GAS CENTER # 3 4001 MARKET ST. WILMINGTON NC 28401	LUST

Incdnt No (DWM Map):	15319	**Incident No:**	15319
Fac ID (DWM Map):	00-0-0000001436	**Facility ID:**	00-0-0000001436
UST No (DWM Map):	WI-1315	**UST No:**	WI-1315
Curr Stat (DWM Map):	Archived	**Current Status:**	A
Close Out(DWMMap):	2016/04/06 00:00:00+00	**Status Title:**	Archived
Dt Occur (DWM Map):	1996/02/20 00:00:00+00	**Close Out:**	4/5/2016
Incident (DWM Map):	GAS CENTER # 3	**Date Occurred:**	2/19/1996
Address (DWM Map):	4001 MARKET ST.	**Contam Type:**	Groundwater/Both
County (DWM Map):	NEW H	**Cleanup:**	2/22/1996
City (DWM Map):	WILMINGTON	**County:**	NEW H
Zip Code (DWM Map):	28401	**Latitude:**	34.242009
Latitude (DWM Map):	34.242009	**Longitude:**	-77.89588
Long (DWM Map):	-77.89588		
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		
Data Source:	Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (STATUS)		

Incident Details

Release Code:	2	**Samples Include:**	1
Release Cause:	3	**7.5 Min Quad:**	
Release Source:	A	**5 Min Quad:**	DD30D
Type:	3	**Submitted Date:**	18-Apr-1996 00:00:00
Location:	1	**I Ownership:**	4
Site Priority:	70E	**Owner Operator:**	DAVID R. PRICE
Priority Update:	30-May-1998 00:00:00	**Ownership:**	4
Source Type:	P	**Ownership Desc:**	Private
ERR Type:		**Operation Type:**	6
Wells Affected Y/N:	N	**Operation Desc:**	Commercial
Wells Affected:	0.0	**PIRF Min Soil:**	Pirf
Samples Taken By:	1		
Description of Incident:	TANK ABANDONMENT REPORT INDICATED HIGH LEVELS OF SOIL CONTAM. AT THE WATER TABLE.		

Incident Report

Report Type:	DR	**Approved Date:**	16-Mar-2016 00:00:00
Request Date:		**Implement Date:**	
Received Date:	03-Mar-2016 00:00:00	**Due Date:**	
Reviewed Date:	07-Mar-2016 00:00:00		
PRT ID:	1091430		
Report Type Description:	Deed Recordation		
Comment:			

3.7.2016 WER signed the NRP for Soil and GW. Approved date is the recorded date. Recorded NRP received on 4/4/2016 BK: RB 5955, PG: 1364-1367 **Note: Many records provided by the department have a truncated [Comment] field.

Report Type:	PN	**Approved Date:**	05-Apr-2016 00:00:00
Request Date:		**Implement Date:**	
Received Date:	04-Apr-2016 00:00:00	**Due Date:**	
Reviewed Date:	05-Apr-2016 00:00:00		
PRT ID:	1091474		
Report Type Description:	Public Notification		
Comment:			

one letter being re-routed by usps.

Report Type:	CLO	***Approved Date:***	19-Aug-1996 00:00:00
Request Date:		***Implement Date:***	
Received Date:	08-Apr-1996 00:00:00	***Due Date:***	
Reviewed Date:	19-Apr-1996 00:00:00		
PRT ID:	1084364		
Report Type Description:	Closure Report		
Comment:			

Incident Status

Last Modified:	05-Apr-2016 00:00:00	***Public Meeting Held:***	
Incident Phase:	CO	***Corrective Act Plan:***	
Incid Phase Desc:	Close Out	***SOC Signed:***	
NOV Issued:		***Reclassification Rep:***	
NORR Issued:	07-Mar-2016 00:00:00	***RS Designation:***	
45 Day Report:		***Closure Req Date:***	

UST Incidents

RO Code:	WIL	***Reg:***	R
CD No:	618	***Conf Risk:***	L
Date Reported:	1996/04/09 00:00:00+00	***RRA Date:***	
Land Use:		***RRA Risk:***	
LUR Filed:	2016/03/17 00:00:00+00	***RRA Rank Curr:***	0
LUR Resc:		***RRA Abate:***	
LUR State:	B	***Risk:***	L
X:	2333708.4271578	***RRA Rank:***	
Y:	180924.445103809	***MGR:***	BAR
Comm:	C		
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-1315%2A%22%7D		
Object ID:	19491		

RUST Data

MGR:	BAR	***LUR Resc:***	
RO Code:	WIL	***LUR State:***	B
Date Reported:	1996/04/09 00:00:00+00	***SL MGR:***	
Date Reported FY:	1996	***SL Cleanup Strt Dt:***	
Date Occured FY:	1996	***SL Cleanup End Dt:***	
Comm:	C	***SL Site Stat:***	
Reg:	R	***SL Ftfrecdte:***	
Perccomfndelig:		***CD NO:***	618
TOT Paid:		***RRA Date:***	
Conf Risk:	L	***RRA Risk:***	
Risk:	L	***RRA Rank Curr:***	0
Landuse:		***RRA Abate:***	
Inc Stat:	Closed	***RRA Rank:***	
Closeout FY:	2016	***X:***	2333708.42702238
LUR Filed:	2016/03/17 00:00:00+00	***Y:***	180924.445187338
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-1315%2A%22%7D		
Comment:	low risk site. Conditional nfa sent 3/7/2016, Archived on May 16, 2016.		

LUST Database

MGR:	BAR	***Contact:***	R. F. CAMERON, JR.
Regional Office Cd:	WIL	***Telephone:***	
Date Reported:	4/8/1996	***RP Address:***	3610-B SOUTH COLLEGE RD
Release Code:	0	***RP City:***	WILMINGTON
Release Code Desc:		***RP State:***	NC

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Source:	3	**RP Zip Code:**	28412
Source Desc:	LEAK, UST	**RP County:**	
Site Priority:	70E	**RP Email:**	
Pollutant Type:	3	**RP Email1:**	
Pollutant Desc:	GASOLINE/DIESEL/KEROSENE	**RP Owner:**	TRUE
Petroleum Type:	P	**RP Operator:**	TRUE
Petrol Type Desc:	PETROLEUM	**RP Land Owner:**	FALSE
COMM:	C	**Lur Status:**	
COMM Desc:	COMMERCIAL	**LUR Filed:**	3/16/2016
Regulated Code:	R	**LUR Resc:**	
Reg Code Desc:	REGULATED	**LUR State:**	B
Notice Rg Rq Issd:		**GPS Conf:**	31
Notice Violtn Issd:		**RBCA GW:**	G2
Contamination:	GW	**RBCA GW Desc:**	Cleanups to alternate standards
Cleanup:	2/22/1996	**RBCA:**	S2
Conf Risk:	L	**RBCA Desc:**	Industrial/Commercial
Risk:	L	**CD No:**	618
Land Use:		**Reel No:**	0
Land Use Desc:		**ERR CD:**	
Phase Reqrd:		**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:		**New Source:**	
MTBE 1:	Y	**Book:**	
RP Company:	GAS CENTER, INC.	**Page:**	
HCS Ref:	Google Earth		
Comment:			

low risk site. Conditional nfa sent 3/7/2016, Archived on May 16, 2016.

3	2 of 4	S	0.21 / 1,100.84	40.05 / 6	**GAS CENTER 3** **4001 MARKET ST** **WILMINGTON NC 28401**	UST

Facility ID:	00-0-0000001436	**Fac City (Map):**	WILMINGTON
No Reg Tanks:	3	**Fac Zip (Map):**	28401
No Non-Reg Tanks:	0	**X (Map):**	-8671351.9604
Non-Reg/Com Tanks:	0	**Y (Map):**	4061352.6122
Fac Owner Type:	Private/Corporate	**Latitude (Map):**	34.24207
City (Report):	WILMINGTON	**Longitude (Map):**	-77.89608
State (Report):	NC	**City (PST):**	WILMINGTON
Zip (Report):	28401	**Latitude (PST):**	34.24207
County (Report):		**Longitude (PST):**	-77.89608
Latitude (Report):	34.24207	**Contact City:**	WILMINGTON
Longitude (Report):	-77.89608	**Contact State:**	NC
Fac Phone (Map) :		**Contact Zip:**	28412
Fac Name (Report):	GAS CENTER 3		
Address1 (Report):	4001 MARKET ST		
Address2 (Report):			
Fac Name (Map):	GAS CENTER 3		
Fac Address (Map):	4001 MARKET ST		
Facility Name (PST):	GAS CENTER 3		
Address (PST):	4001 MARKET ST		
Contact:	GAS CENTER INC		
Contact Address 1:	3610 S COLLEGE RD STE B		
Contact Address 2:			
Data Source:	North Carolina Environmental Quality - UST Databases and Reports; Division of Waste Management Site Locator Tool - UST Active Facilities (Map); Petroleum Storage Tanks Mapper (PST); North Carolina Environmental Quality - Facilty Operating Permits		
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		

Tank Info (UST Databases and Reports)

Tank ID:	001	**Regulated:**	1
Tank Status:	Removed	**Product:**	Gasoline, Gas Mix
Compartment Tank:	NO	**OvrfllProtection:**	Unknown
Manifold Tank:		**Leak Detection:**	
Main Tank:	NO	**Spill Protection:**	Unknown
Root Tank ID:		**Piping Constr:**	Single Wall Steel
Tank Cert No:		**Tank Constr:**	
Cert No:		**Piping System:**	Unknown
Installation Date:	1981/05/01 00:00:00	**FIPS County Desc:**	New Hanover
Perm Close Date:	1996/02/20 00:00:00	**FR Amt:**	
Capacity:	4000	**FR Desc:**	
Commercial:	1	**Last Update Date:**	5/6/2004 0:00:00
FR Bus Name:			
Other CP Tank:			
Other CP Name:			
Leak Detection Key:			
Overfill Protection Key:			
Piping Constr Key:			
Piping System Key:			
Product Key:			
Spill Protection Key:			
Tank Constr Key:			
Tank Status Key:	0		
Tank Constr Key Desc:			

Tank Info (UST Databases and Reports)

Tank ID:	002	**Regulated:**	1
Tank Status:	Removed	**Product:**	Gasoline, Gas Mix
Compartment Tank:	NO	**OvrfllProtection:**	Unknown
Manifold Tank:		**Leak Detection:**	
Main Tank:	NO	**Spill Protection:**	Unknown
Root Tank ID:		**Piping Constr:**	Single Wall Steel
Tank Cert No:		**Tank Constr:**	
Cert No:		**Piping System:**	Unknown
Installation Date:	1981/05/01 00:00:00	**FIPS County Desc:**	New Hanover
Perm Close Date:	1996/02/20 00:00:00	**FR Amt:**	
Capacity:	4000	**FR Desc:**	
Commercial:	1	**Last Update Date:**	5/6/2004 0:00:00
FR Bus Name:			
Other CP Tank:			
Other CP Name:			
Leak Detection Key:			
Overfill Protection Key:			
Piping Constr Key:			
Piping System Key:			
Product Key:			
Spill Protection Key:			
Tank Constr Key:			
Tank Status Key:	0		
Tank Constr Key Desc:			

Tank Info (UST Databases and Reports)

Tank ID:	005	**Regulated:**	1
Tank Status:	Removed	**Product:**	Kerosene, Kero Mix
Compartment Tank:	NO	**OvrfllProtection:**	Unknown
Manifold Tank:		**Leak Detection:**	
Main Tank:	NO	**Spill Protection:**	Unknown
Root Tank ID:		**Piping Constr:**	Single Wall Steel
Tank Cert No:		**Tank Constr:**	
Cert No:		**Piping System:**	Unknown
Installation Date:	1979/05/02 00:00:00	**FIPS County Desc:**	New Hanover
Perm Close Date:	1996/02/20 00:00:00	**FR Amt:**	
Capacity:	550	**FR Desc:**	
Commercial:	1	**Last Update Date:**	5/6/2004 0:00:00
FR Bus Name:			

Other CP Tank:
Other CP Name:
Leak Detection Key:
Overfill Protection Key:
Piping Constr Key:
Piping System Key:
Product Key:
Spill Protection Key:
Tank Constr Key:
Tank Status Key: 0
Tank Constr Key Desc:

Tank Info (UST Databases and Reports)

Tank ID:	1	***Regulated:***	1
Tank Status:	Current	***Product:***	Gasoline, Gas Mix
Compartment Tank:	NO	***OvrfllProtection:***	Auto Shutoff Device
Manifold Tank:	NO	***Leak Detection:***	
Main Tank:	NO	***Spill Protection:***	Catchment Basin
Root Tank ID:		***Piping Constr:***	Single Wall FRP
Tank Cert No:	201302424O1	***Tank Constr:***	
Cert No:	201302424O1	***Piping System:***	Unknown
Installation Date:	1996/02/12 00:00:00	***FIPS County Desc:***	New Hanover
Perm Close Date:		***FR Amt:***	
Capacity:	10000	***FR Desc:***	
Commercial:	1	***Last Update Date:***	5/6/2004 0:00:00

FR Bus Name:
Other CP Tank:
Other CP Name:
Leak Detection Key:
Overfill Protection Key:
Piping Constr Key:
Piping System Key:
Product Key:
Spill Protection Key:
Tank Constr Key:
Tank Status Key: 0
Tank Constr Key Desc:

Tank Info (UST Databases and Reports)

Tank ID:	3	***Regulated:***	1
Tank Status:	Current	***Product:***	Gasoline, Gas Mix
Compartment Tank:	NO	***OvrfllProtection:***	Auto Shutoff Device
Manifold Tank:	NO	***Leak Detection:***	
Main Tank:	NO	***Spill Protection:***	Catchment Basin
Root Tank ID:		***Piping Constr:***	Single Wall FRP
Tank Cert No:	201302424O1	***Tank Constr:***	
Cert No:	201302424O1	***Piping System:***	Unknown
Installation Date:	1996/02/12 00:00:00	***FIPS County Desc:***	New Hanover
Perm Close Date:		***FR Amt:***	
Capacity:	6000	***FR Desc:***	
Commercial:	1	***Last Update Date:***	5/6/2004 0:00:00

FR Bus Name:
Other CP Tank:
Other CP Name:
Leak Detection Key:
Overfill Protection Key:
Piping Constr Key:
Piping System Key:
Product Key:
Spill Protection Key:
Tank Constr Key:
Tank Status Key: 0
Tank Constr Key Desc:

Tank Info (UST Databases and Reports)

Tank ID:	2	***Regulated:***	1
Tank Status:	Current	***Product:***	Gasoline, Gas Mix
Compartment Tank:	NO	***OvrfllProtection:***	Auto Shutoff Device
Manifold Tank:	NO	***Leak Detection:***	
Main Tank:	NO	***Spill Protection:***	Catchment Basin
Root Tank ID:		***Piping Constr:***	Single Wall FRP
Tank Cert No:	201302424O1	***Tank Constr:***	
Cert No:	201302424O1	***Piping System:***	Unknown
Installation Date:	1996/02/12 00:00:00	***FIPS County Desc:***	New Hanover
Perm Close Date:		***FR Amt:***	
Capacity:	6000	***FR Desc:***	
Commercial:	1	***Last Update Date:***	5/6/2004 0:00:00
FR Bus Name:			
Other CP Tank:			
Other CP Name:			
Leak Detection Key:			
Overfill Protection Key:			
Piping Constr Key:			
Piping System Key:			
Product Key:			
Spill Protection Key:			
Tank Constr Key:			
Tank Status Key:	0		
Tank Constr Key Desc:			

Tank Info (UST Databases and Reports)

Tank ID:	003	***Regulated:***	1
Tank Status:	Removed	***Product:***	Gasoline, Gas Mix
Compartment Tank:	NO	***OvrfllProtection:***	Unknown
Manifold Tank:		***Leak Detection:***	
Main Tank:	NO	***Spill Protection:***	Unknown
Root Tank ID:		***Piping Constr:***	Single Wall Steel
Tank Cert No:		***Tank Constr:***	
Cert No:		***Piping System:***	Unknown
Installation Date:	1981/05/01 00:00:00	***FIPS County Desc:***	New Hanover
Perm Close Date:	1996/02/20 00:00:00	***FR Amt:***	
Capacity:	3000	***FR Desc:***	
Commercial:	1	***Last Update Date:***	5/6/2004 0:00:00
FR Bus Name:			
Other CP Tank:			
Other CP Name:			
Leak Detection Key:			
Overfill Protection Key:			
Piping Constr Key:			
Piping System Key:			
Product Key:			
Spill Protection Key:			
Tank Constr Key:			
Tank Status Key:	0		
Tank Constr Key Desc:			

Tank Info (UST Databases and Reports)

Tank ID:	004	***Regulated:***	1
Tank Status:	Removed	***Product:***	Diesel
Compartment Tank:	NO	***OvrfllProtection:***	Unknown
Manifold Tank:		***Leak Detection:***	
Main Tank:	NO	***Spill Protection:***	Unknown
Root Tank ID:		***Piping Constr:***	Single Wall Steel
Tank Cert No:		***Tank Constr:***	
Cert No:		***Piping System:***	Unknown
Installation Date:	1979/05/02 00:00:00	***FIPS County Desc:***	New Hanover
Perm Close Date:	1996/02/20 00:00:00	***FR Amt:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Capacity: 2000
Commercial: 1
FR Bus Name:
Other CP Tank:
Other CP Name:
Leak Detection Key:
Overfill Protection Key:
Piping Constr Key:
Piping System Key:
Product Key:
Spill Protection Key:
Tank Constr Key:
Tank Status Key: 0
Tank Constr Key Desc:
FR Desc:
Last Update Date: 5/6/2004 0:00:00

Owner Information

Contact Key: 24414.00
Facility Key: 83878
FIPS County Desc: New Hanover
Phone: (910) 763-0479
Affiliate Type: Owner
End Date:

PST Details

ObjectID: 99
Products: Gasoline Only
Other Products:
Total Gasmix: 22000
Total Diesel: 0
Contact: GAS CENTER INC
Phone: (910) 763-0479
Geometry: MULTIPOINT (-77.8960776928588 34.24206323159)
Total Other: 0
Total Tanks: 3
Total Gasmix Tanks: 3
Total Diesel Tanks: 0
Total Other Tanks: 0

Operating Permit Details (UST Databases and Reports)

Permit Status: Current
Coverage From: 04/01/2022
Coverage To: 03/31/2023
Facility Name: GAS CENTER 3
UST Owner Name: GAS CENTER INC
Fac Street Address: 4001 MARKET ST
City: WILMINGTON
County: New Hanover
No of Tanks: 3
Certificate No: 202202113O1
Revoked Date:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
3	3 of 4	S	0.21 / 1,100.84	40.05 / 6	Gas Center #3 4001 Market St. Wilmington NC 28401	FUEL STATIONS

Gasoline: 24
Diesel: 0
HV Diesel: 0
Kerosene: 0
Non Hwy: 0
E15: 0
E85: 0
Bus ID: NC009567
DEF: 0
County: New Hanover
Phone: 910-762-4025
Non Ethanol Gas: 0
Racing Gas: 0
Biodiesel: 0

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
3	4 of 4	S	0.21 / 1,100.84	40.05 / 6	GAS CENTER # 3 4001 MARKET ST. WILMINGTON NC	LUR

Prj No: WI-1315
Prj Status: No Further Action
Contam Src: UST System
Instrument Status: Effective
Certification: None
Deed Bk:
Deed Pg:
Plat Bk:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Instrument:	Notice and Restriction	**Plat Pg:**	
Rec Date:	3/15/2016	**Plat Link 1:**	
Plat Rec Date:		**Deed Link 1:**	Recorded Document Link
Deed Date:	Recorded 3-15-2016	**Prj County:**	New Hanover
Plat Date:		**X:**	2333707.702421725
Restricted Media:	Multi-Media	**Y:**	180926.90047948062
Allowed Use:	Media Restrictions Only		
COC:	Multi COC		
DWM Program:	Underground Storage Tank Section		
Deed:			
Plat:			
DWM Contact:	Wilmington Regional Office (910) 796-7215		
Deed Link:	https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-1315%2A%22%7D		
Plat Link URL:			
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
4	1 of 1	S	0.23 / 1,210.74	39.63 / 5	WES HOWELL VOLVO 4010 MARKET ST WILMINGTON NC 28403	RCRA NON GEN

EPA Handler ID:	NCD986189231
Gen Status Universe:	No Report
Contact Name:	BARRY BEHELER
Contact Address:	4010 MARKET ST , , WILMINGTON , NC, 28403 , US
Contact Phone No and Ext:	910-763-1711
Contact Email:	
Contact Country:	US
County Name:	NEW HANOVER
EPA Region:	04
Land Type:	Private
Receive Date:	19980917
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated Jan, 2023.

Violation Details

Found Violation:	Yes
Citation:	SR - 95-223 130A-294-1
Violation Short Description:	Generators - General
Violation Type:	262.A
Violation Determined Date:	19941123
Scheduled Compliance Date:	19941231
Return to Compliance:	Observed
Actual Return to Compl:	19941202
Violation Responsible Agency:	State

Enforcement Details

Enforcement Type:	110
Enforcement Type Description:	VERBAL INFORMAL
Enforcement Action Date:	19941123
Enf Disposition Status:	
Disposition Status Date:	
Enforcement Lead Agency:	State
Proposed Penalty Amount:	
Final Amount:	
Paid Amount:	

Evaluation Details

Evaluation Start Date:	19941123
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Violation Short Description:	Generators - General
Return to Compliance Date:	19941202
Evaluation Agency:	State

Evaluation Start Date:	19941202
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Violation Short Description:	
Return to Compliance Date:	
Evaluation Agency:	State

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19980917
Handler Name:	WES HOWELL VOLVO
Source Type:	Notification
Federal Waste Generator Code:	
Generator Code Description:	

Waste Code Details

Hazardous Waste Code:	D001
Waste Code Description:	IGNITABLE WASTE

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	4010 MARKET STREET
Name:	HOWELL&HUFSTETLER REAL ESTATE	***Street 2:***	
Date Became Current:		***City:***	WILMINGTON
Date Ended Current:		***State:***	NC
Phone:	919-763-1711	***Country:***	
Source Type:	Notification	***Zip Code:***	28403

5	***1 of 1***	***ENE***	***0.23 / 1,235.27***	***37.27 / 3***	***503 CLOVER RD 503 CLOVER RD WILMINGTON NC 274053314***	***LUST***

Incdnt No (DWM	32997	***Incident No:***	32997

Map):

Fac ID (DWM Map):		***Facility ID:***	
UST No (DWM Map):	WI-7951	***UST No:***	WI-7951
Curr Stat (DWM Map):	Current Record	***Current Status:***	C
Close Out(DWMMap):		***Status Title:***	Current Record
Dt Occur (DWM Map):	2015/10/10 00:00:00+00	***Close Out:***	
Incident (DWM Map):	503 CLOVER RD	***Date Occurred:***	10/9/2015
Address (DWM Map):	503 CLOVER RD	***Contam Type:***	Soil
County (DWM Map):	NEW H	***Cleanup:***	10/9/2015
City (DWM Map):	WILMINGTON	***County:***	NEW H
Zip Code (DWM Map):	274053314	***Latitude:***	34.248282
Latitude (DWM Map):	34.248282	***Longitude:***	-77.891656
Long (DWM Map):	-77.891656		

Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF)

Incident Details

Release Code:	4	***Samples Include:***	
Release Cause:	2	***7.5 Min Quad:***	
Release Source:	F	***5 Min Quad:***	
Type:	4	***Submitted Date:***	09-Oct-2015 00:00:00
Location:	7	***I Ownership:***	4
Site Priority:		***Owner Operator:***	
Priority Update:		***Ownership:***	4
Source Type:	P	***Ownership Desc:***	Private
ERR Type:		***Operation Type:***	3
Wells Affected Y/N:	N	***Operation Desc:***	Residential
Wells Affected:		***PIRF Min Soil:***	
Samples Taken By:	N		
Description of Incident:			

Incident Report

Report Type:	CLO	***Approved Date:***	22-Jun-2016 00:00:00
Request Date:		***Implement Date:***	
Received Date:	21-Jun-2016 00:00:00	***Due Date:***	
Reviewed Date:	22-Jun-2016 00:00:00		
PRT ID:	1082542		
Report Type Description:	Closure Report		
Comment:			

Soil above TPH action limits. Soil sample collected at base of tank. WSW within 100 feet of former UST pit.

UST Incidents

RO Code:	WIL	***Reg:***	N
CD No:	0	***Conf Risk:***	H
Date Reported:	2015/10/10 00:00:00+00	***RRA Date:***	
Land Use:		***RRA Risk:***	
LUR Filed:		***RRA Rank Curr:***	0
LUR Resc:		***RRA Abate:***	
LUR State:		***Risk:***	H
X:	2334959.54079731	***RRA Rank:***	
Y:	183221.5353259	***MGR:***	LEP
Comm:	N		

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7951%2A%22%7D

Object ID: 33853

RUST Data

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

MGR:	LEP	**LUR Resc:**	
RO Code:	WIL	**LUR State:**	
Date Reported:	2015/10/10 00:00:00+00	**SL MGR:**	
Date Reported FY:	2016	**SL Cleanup Strt Dt:**	
Date Occured FY:	2016	**SL Cleanup End Dt:**	
Comm:	N	**SL Site Stat:**	
Reg:	N	**SL Ftfrecdte:**	
Perccomfndelig:		**CD NO:**	0
TOT Paid:		**RRA Date:**	
Conf Risk:	H	**RRA Risk:**	
Risk:	H	**RRA Rank Curr:**	0
Landuse:		**RRA Abate:**	
Inc Stat:	Open	**RRA Rank:**	
Closeout FY:		**X:**	2334959.54067654
LUR Filed:		**Y:**	183221.535428244

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7951%2A%22%7D

Comment: Surface release from heating oil UST, no cap on tank, product still present in UST. Receptor survey conducted by UST staf f on 10/9/2015, irrigation WSW within 100 feet of tank.

LUST Database

MGR:	LEP	**Contact:**	KEVIN AND MARYANN HOEY
Regional Office Cd:	WIL	**Telephone:**	
Date Reported:	10/9/2015	**RP Address:**	1402 CHESTNUT STREET
Release Code:	0	**RP City:**	WILMINGTON
Release Code Desc:		**RP State:**	NC
Source:	3	**RP Zip Code:**	28401
Source Desc:	LEAK, UST	**RP County:**	
Site Priority:		**RP Email:**	
Pollutant Type:	4	**RP Email1:**	
Pollutant Desc:	HEATING OIL	**RP Owner:**	TRUE
Petroleum Type:	P	**RP Operator:**	FALSE
Petrol Type Desc:	PETROLEUM	**RP Land Owner:**	FALSE
COMM:	N	**Lur Status:**	
COMM Desc:	NON COMMERCIAL	**LUR Filed:**	
Regulated Code:	N	**LUR Resc:**	
Reg Code Desc:	NON REGULATED	**LUR State:**	
Notice Rg Rq Issd:		**GPS Conf:**	32
Notice Violtn Issd:		**RBCA GW:**	
Contamination:	SL	**RBCA GW Desc:**	
Cleanup:	10/9/2015	**RBCA:**	
Conf Risk:	H	**RBCA Desc:**	
Risk:	H	**CD No:**	0
Land Use:		**Reel No:**	0
Land Use Desc:		**ERR CD:**	NO
Phase Reqrd:		**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:	0	**New Source:**	
MTBE 1:	N	**Book:**	
RP Company:		**Page:**	
HCS Ref:			
Comment:			

Surface release from heating oil UST, no cap on tank, product still present in UST. Receptor survey conducted by UST staf f on 10/9/2015, irrigation WSW within 100 feet of tank.

6	***1 of 1***	***ENE***	***0.26 / 1,385.43***	***36.89 / 3***	***BARNHILL PROPERTY (EUGENE)*** ***415 NORTH KERR AVENUE*** ***WILMINGTON NC 28405***	***LUST***

Incdnt No (DWM Map):	32392	**Incident No:**	32392

Fac ID (DWM Map):		**Facility ID:**	
UST No (DWM Map):	WI-7265	**UST No:**	WI-7265
Curr Stat (DWM Map):	Archived	**Current Status:**	A
Close Out(DWMMap):	2007/05/30 00:00:00+00	**Status Title:**	Archived
Dt Occur (DWM Map):	2007/02/23 00:00:00+00	**Close Out:**	5/29/2007
Incident (DWM Map):	BARNHILL PROPERTY (EUGENE)	**Date Occurred:**	2/22/2007
Address (DWM Map):	415 NORTH KERR AVENUE	**Contam Type:**	Soil
County (DWM Map):	NEW H	**Cleanup:**	2/22/2007
City (DWM Map):	WILMINGTON	**County:**	NEW H
Zip Code (DWM Map):	28405	**Latitude:**	34.247222
Latitude (DWM Map):	34.247222	**Longitude:**	-77.890555
Long (DWM Map):	-77.890555		

Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (STATUS)

Incident Details

Release Code:	2	**Samples Include:**	
Release Cause:		**7.5 Min Quad:**	
Release Source:		**5 Min Quad:**	
Type:	4	**Submitted Date:**	22-Feb-2007 00:00:00
Location:	7	**I Ownership:**	4
Site Priority:		**Owner Operator:**	
Priority Update:		**Ownership:**	4
Source Type:	P	**Ownership Desc:**	Private
ERR Type:		**Operation Type:**	3
Wells Affected Y/N:	N	**Operation Desc:**	Residential
Wells Affected:		**PIRF Min Soil:**	
Samples Taken By:	Y		

Description of Incident: Soil samples confirm release from UST.

Incident Report

Report Type:	20DAY	**Approved Date:**	27-Mar-2007 00:00:00
Request Date:		**Implement Date:**	
Received Date:	14-Mar-2007 00:00:00	**Due Date:**	
Reviewed Date:	27-Mar-2007 00:00:00		
PRT ID:	1082991		
Report Type Description:	20 Day Report		
Comment:			

Soil samples confirms release form UST. Groundwater encountered. Additional information required. Soils below residential mscc.

Report Type:	OTH	**Approved Date:**	29-May-2007 00:00:00
Request Date:		**Implement Date:**	
Received Date:	07-May-2007 00:00:00	**Due Date:**	
Reviewed Date:	29-May-2007 00:00:00		
PRT ID:	1082272		
Report Type Description:	Other (Comments Required)		
Comment:			

Groundwater samling and analyical report. No contamination detected. Low risk. NFA.

Incident Status

Last Modified:	29-May-2007 00:00:00	**Public Meeting Held:**	
Incident Phase:	CO	**Corrective Act Plan:**	
Incid Phase Desc:	Close Out	**SOC Signed:**	
NOV Issued:		**Reclassification Rep:**	
NORR Issued:		**RS Designation:**	
45 Day Report:		**Closure Req Date:**	

UST Incidents

RO Code:	WIL	***Reg:***	N
CD No:	431	***Conf Risk:***	L
Date Reported:	2007/02/23 00:00:00+00	***RRA Date:***	
Land Use:	RES	***RRA Risk:***	
LUR Filed:		***RRA Rank Curr:***	0
LUR Resc:		***RRA Abate:***	
LUR State:		***Risk:***	L
X:	2335296.5775248	***RRA Rank:***	
Y:	182839.498360306	***MGR:***	JDP
Comm:	N		
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7265%2A%22%7D		
Object ID:	33262		

RUST Data

MGR:	JDP	***LUR Resc:***	
RO Code:	WIL	***LUR State:***	
Date Reported:	2007/02/23 00:00:00+00	***SL MGR:***	
Date Reported FY:	2007	***SL Cleanup Strt Dt:***	
Date Occured FY:	2007	***SL Cleanup End Dt:***	
Comm:	N	***SL Site Stat:***	
Reg:	N	***SL Ftfrecdte:***	
Perccomfndelig:	0	***CD NO:***	431
TOT Paid:	8136.19	***RRA Date:***	
Conf Risk:	L	***RRA Risk:***	
Risk:	L	***RRA Rank Curr:***	0
Landuse:	RES	***RRA Abate:***	
Inc Stat:	Closed	***RRA Rank:***	
Closeout FY:	2007	***X:***	2335296.57746517
LUR Filed:		***Y:***	182839.49836492
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7265%2A%22%7D		
Comment:	280 gal. Heating oil UST removed. NFA sent 5-29-07. File pulled for archiving in 9/2011 by SAK.		

LUST Database

MGR:	JDP	***Contact:***	EUGENE & BARBARA BARNHILL
Regional Office Cd:	WIL	***Telephone:***	9107995023
Date Reported:	2/22/2007	***RP Address:***	415 NORTH KERR AVE.
Release Code:	0	***RP City:***	WILMINGTON
Release Code Desc:		***RP State:***	NC
Source:	3	***RP Zip Code:***	28405
Source Desc:	LEAK, UST	***RP County:***	
Site Priority:		***RP Email:***	
Pollutant Type:	4	***RP Email1:***	
Pollutant Desc:	HEATING OIL	***RP Owner:***	TRUE
Petroleum Type:	P	***RP Operator:***	TRUE
Petrol Type Desc:	PETROLEUM	***RP Land Owner:***	TRUE
COMM:	N	***Lur Status:***	
COMM Desc:	NON COMMERCIAL	***LUR Filed:***	
Regulated Code:	N	***LUR Resc:***	
Reg Code Desc:	NON REGULATED	***LUR State:***	
Notice Rg Rq Issd:		***GPS Conf:***	90
Notice Violtn Issd:		***RBCA GW:***	G1
Contamination:	SL	***RBCA GW Desc:***	Cleanups to 2L.0202 standards
Cleanup:	2/22/2007	***RBCA:***	S1
Conf Risk:	L	***RBCA Desc:***	Residential
Risk:	L	***CD No:***	431
Land Use:	RES	***Reel No:***	0
Land Use Desc:	Residential	***ERR CD:***	NO
Phase Reqrd:		***Valid:***	FALSE
Intrmdt Cndition:		***Cat Code:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:	0	**New Source:**	
MTBE 1:	N	**Book:**	
RP Company:		**Page:**	
HCS Ref:	RP Supplied		
Comment:			

280 gal. Heating oil UST removed. NFA sent 5-29-07. File pulled for archiving in 9/2011 by SAK.

7	1 of 1	ENE	0.28 / 1,503.73	37.36 / 3	**Barnhill Property (Eugene)** **415 North Kerr Avenue** **Wilmington NC**	**LUST TRUST**

Incident No: 32392
Facility ID:
Site County: New Hanover
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Details

Archive Submit No:		**3rd Party Deduct:**	$0.00
CD No:		**Sum 3rd Party Amts:**	$0.00
UST No:	WI-7265	**Deduct Determine:**	0
Priority Rank:		**Deductible Amount:**	$0.00
Priority Rank Desc:		**Deductible Reason1:**	
Site Eligible?:	Yes	**Deductible Reason2:**	
% Commercial Fund:	0.0	**Inel App:**	
Reimbursement Form:	No		

Site Note: Noncommercial; 100% eligible; $0 deductible.[CGS 08/16/07]

8	1 of 2	ESE	0.30 / 1,582.03	41.32 / 7	**SCOTCHMAN # 3321** **4415 MARKET STREET** **WILMINGTON NC 28401**	**LUST**

Incdnt No (DWM Map):	32876	**Incident No:**	32876
Fac ID (DWM Map):		**Facility ID:**	
UST No (DWM Map):	WI-7801	**UST No:**	WI-7801
Curr Stat (DWM Map):	Current Record	**Current Status:**	C
Close Out(DWMMap):	2019/03/05 00:00:00+00	**Status Title:**	Current Record
Dt Occur (DWM Map):	2013/09/27 00:00:00+00	**Close Out:**	3/4/2019
Incident (DWM Map):	SCOTCHMAN # 3321	**Date Occurred:**	9/26/2013
Address (DWM Map):	4415 MARKET STREET	**Contam Type:**	Groundwater/Both
County (DWM Map):	NEW H	**Cleanup:**	9/26/2014
City (DWM Map):	WILMINGTON	**County:**	NEW H
Zip Code (DWM Map):	28401	**Latitude:**	34.243098
Latitude (DWM Map):	34.243098	**Longitude:**	-77.890523
Long (DWM Map):	-77.890523		

Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx
Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (RRA); RUST Incident Management Database (STATUS)

Incident Details

Release Code:	2	**Samples Include:**	
Release Cause:	3	**7.5 Min Quad:**	
Release Source:	A	**5 Min Quad:**	
Type:	18	**Submitted Date:**	26-Sep-2013 00:00:00

Location: 1
Site Priority:
Priority Update:
Source Type: P
ERR Type:
Wells Affected Y/N: N
Wells Affected:
Samples Taken By: N
Description of Incident:

I Ownership: 4
Owner Operator:
Ownership: 4
Ownership Desc: Private
Operation Type: 6
Operation Desc: Commercial
PIRF Min Soil:

Incident Report

Report Type: DR
Request Date:
Received Date: 31-Aug-2018 00:00:00
Reviewed Date:
PRT ID: 1087142
Report Type Description: Deed Recordation
Comment:

Approved Date: 23-Jan-2019 00:00:00
Implement Date:
Due Date:

received NRP for S & GW. WiRO will sign for RP per Section Chief direction. NRP filed on 1/15/2019 for both soil and GW, deed Book 6189, Page 2735-2740 **Note: Many records provided by the department have a truncated [Comment] field.

Report Type: LSA1
Request Date:
Received Date: 31-Oct-2014 00:00:00
Reviewed Date: 03-Nov-2014 00:00:00
PRT ID: 1091130
Report Type Description: Limited Site Assmt Phase 1
Comment:

Approved Date: 03-Nov-2014 00:00:00
Implement Date:
Due Date:

no wells within 1500' of the site
groundwater samples were collected in three different locations MW-1,2,3
MW-1: C5-C8 Aliphatics 2830, Diisoproply Ether 138,
MW-2: Aromatic - 3618, C9-C18 Aliphatics 10400, Naphthalene 156, Benzene 257, Ethylbenzene 807
MW-3 : Aliphatics 1220, C9-C18 Aliphatic 812, Naphthalene 45.7, Benzene 510
Soil samples around the former dispenser to the east came back above Residential
groundwater samples below GCL above 2L **Note: Many records provided by the department have a truncated [Comment] field.

Report Type: OTH
Request Date:
Received Date: 23-Jun-2015 00:00:00
Reviewed Date: 23-Jun-2015 00:00:00
PRT ID: 1082904
Report Type Description: Other (Comments Required)
Comment:

Approved Date: 23-Jun-2015 00:00:00
Implement Date:
Due Date:

Anyalical sent in for sampling of five wells on site
8 wells were scheduled to be sampled but only 5 sampled due to wells being destroyed
Wells MW-A, MW-13, MW-14 were below 2L
Wells MW-3,C were above 2L
6/30/2015 VM **Note: Many records provided by the department have a truncated [Comment] field.

RRA

RRA Date: 05-Aug-2015 00:00:00
RRA Init: VM
RRA Risk: L
RRA ID: 48644

RRA Rank: 135
RRA Abate: D

RRA Date: 03-Nov-2014 00:00:00
RRA Init: VM
RRA Risk: I
RRA ID: 43464

RRA Rank: 0135
RRA Abate: D

Incident Status

Last Modified:	04-Mar-2019 00:00:00	***Public Meeting Held:***	
Incident Phase:	CO	***Corrective Act Plan:***	
Incid Phase Desc:	Close Out	***SOC Signed:***	
NOV Issued:		***Reclassification Rep:***	
NORR Issued:		***RS Designation:***	
45 Day Report:		***Closure Req Date:***	

UST Incidents

RO Code:	WIL	***Reg:***	R
CD No:	0	***Conf Risk:***	L
Date Reported:	2013/09/27 00:00:00+00	***RRA Date:***	2015/08/06 00:00:00+00
Land Use:	RES	***RRA Risk:***	L
LUR Filed:	2019/01/16 00:00:00+00	***RRA Rank Curr:***	135
LUR Resc:		***RRA Abate:***	D
LUR State:	B	***Risk:***	I
X:	2335323.0223538	***RRA Rank:***	135
Y:	181338.804839388	***MGR:***	LEP
Comm:	C		
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7801%2A%22%7D		
Object ID:	33735		

RUST Data

MGR:	LEP	***LUR Resc:***	
RO Code:	WIL	***LUR State:***	B
Date Reported:	2013/09/27 00:00:00+00	***SL MGR:***	
Date Reported FY:	2013	***SL Cleanup Strt Dt:***	
Date Occured FY:	2013	***SL Cleanup End Dt:***	
Comm:	C	***SL Site Stat:***	
Reg:	R	***SL Ftfrecdte:***	
Perccomfndelig:	100	***CD NO:***	0
TOT Paid:	33272.61	***RRA Date:***	2015/08/06 00:00:00+00
Conf Risk:	L	***RRA Risk:***	L
Risk:	I	***RRA Rank Curr:***	135
Landuse:	RES	***RRA Abate:***	D
Inc Stat:	Closed	***RRA Rank:***	135
Closeout FY:	2019	***X:***	2335323.02222645
LUR Filed:	2019/01/16 00:00:00+00	***Y:***	181338.804839989
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7801%2A%22%7D		
Comment:	waiting on DOT approval for wells to be drilled in the right of way of the road. This means the LSA will be delayed until March or later. VM 12/4/2013 soil boring an well installation scheduled for 2/24-25/2014 **Note: Many records provided by the department have a truncated [Comment] field.		

LUST Database

MGR:	LEP	***Contact:***	ROLFE LANN
Regional Office Cd:	WIL	***Telephone:***	9103955300
Date Reported:	9/26/2013	***RP Address:***	8565 MAGELLAN PARKWAY, SUITE
Release Code:	0	***RP City:***	RICHMOND
Release Code Desc:		***RP State:***	VA
Source:	3	***RP Zip Code:***	23227
Source Desc:	LEAK, UST	***RP County:***	
Site Priority:		***RP Email:***	
Pollutant Type:	3	***RP Email1:***	
Pollutant Desc:	GASOLINE/DIESEL/KEROSENE	***RP Owner:***	TRUE
Petroleum Type:	P	***RP Operator:***	TRUE
Petrol Type Desc:	PETROLEUM	***RP Land Owner:***	TRUE
COMM:	C	***Lur Status:***	
COMM Desc:	COMMERCIAL	***LUR Filed:***	1/15/2019

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Regulated Code:	R	**LUR Resc:**	
Reg Code Desc:	REGULATED	**LUR State:**	B
Notice Rg Rq Issd:		**GPS Conf:**	31
Notice Violtn Issd:		**RBCA GW:**	G2
Contamination:	GW	**RBCA GW Desc:**	Cleanups to alternate standards
Cleanup:	9/26/2014	**RBCA:**	S1
Conf Risk:	L	**RBCA Desc:**	Residential
Risk:	I	**CD No:**	0
Land Use:	RES	**Reel No:**	0
Land Use Desc:	Residential	**ERR CD:**	NO
Phase Reqrd:		**Valid:**	TRUE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:	0	**New Source:**	
MTBE 1:	U	**Book:**	
RP Company:	GPM SOUTHEAST,LLC	**Page:**	
HCS Ref:	Google Earth		
Comment:			

waiting on DOT approval for wells to be drilled in the right of way of the road. This means the LSA will be delayed until March or later. VM 12/4/2013 soil boring an well installation scheduled for 2/24-25/2014 With the groundwater traveling in the E, NE direction stated in the report additional wells MW-14, MW-13 and MW-A were sampled and all came back below limits, and with wells MW-1,2,3,C all below GCL in a low risk area, NRP requested 8/5/2015. NRP filed on 1/15/2019 for both soil and GW, deed Book 6189, Page 2735-2740. NFA **Note: Many records provided by the department have a truncated [Comment] field.

8	***2 of 2***	***ESE***	***0.30 / 1,582.03***	***41.32 / 7***	***Scotchman # 3321 4415 Market Street Wilmington NC***	***LUST TRUST***

Incident No:	32876
Facility ID:	0-020578
Site County:	New Hanover
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Details

Archive Submit No:	NA	**3rd Party Deduct:**	$0.00
CD No:	NA	**Sum 3rd Party Amts:**	$0.00
UST No:	WI-7801	**Deduct Determine:**	0
Priority Rank:		**Deductible Amount:**	$20,000.00
Priority Rank Desc:		**Deductible Reason1:**	
Site Eligible?:	Yes	**Deductible Reason2:**	
% Commercial Fund:	1.0	**Inel App:**	
Reimbursement Form:	Yes		
Site Note:	Commercial; $20,000 deductible; 100% eligible for costs that exceed the $20,000 deductible.[CGS 10/13/14]		

9	***1 of 1***	***WSW***	***0.31 / 1,640.68***	***39.45 / 5***	***BLOUNT ELEMENTARY SCHOOL 3702 PRINCESS PLACE DR. WILMINGTON NC***	***LUR***

Prj No:	WI-7044	**Certification:**	None
Prj Status:	No Further Action	**Deed Bk:**	
Contam Src:	UST System	**Deed Pg:**	
Instrument Status:	Effective	**Plat Bk:**	
Instrument:	Notice and Restriction	**Plat Pg:**	
Rec Date:	1/24/2006	**Plat Link 1:**	
Plat Rec Date:		**Deed Link 1:**	Recorded Document Link
Deed Date:	Recorded 1-24-2006	**Prj County:**	New Hanover
Plat Date:		**X:**	2332309.1592870504
Restricted Media:	Soil Only	**Y:**	181251.6839506477
Allowed Use:	Media Restrictions Only		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

COC: Multi COC
DWM Program: Underground Storage Tank Section
Deed:
Plat:
DWM Contact: Wilmington Regional Office (910) 796-7215
Deed Link: https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7044%2A%22%7D
Plat Link URL:
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

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10	1 of 1	WSW	0.31 / 1,640.68	39.45 / 5	BLOUNT ELEMENTARY SCHOOL 3702 PRINCESS PLACE DR. WILMINGTON NC 28401	LUST

Incdnt No (DWM Map):	32207	**Incident No:**	32207
Fac ID (DWM Map):		**Facility ID:**	
UST No (DWM Map):	WI-7044	**UST No:**	WI-7044
Curr Stat (DWM Map):	Archived	**Current Status:**	A
Close Out(DWMMap):	2005/09/28 00:00:00+00	**Status Title:**	Archived
Dt Occur (DWM Map):	2004/12/31 00:00:00+00	**Close Out:**	9/27/2005
Incident (DWM Map):	BLOUNT ELEMENTARY SCHOOL	**Date Occurred:**	12/30/2004
Address (DWM Map):	3702 PRINCESS PLACE DR.	**Contam Type:**	Soil
County (DWM Map):	NEW H	**Cleanup:**	12/30/2004
City (DWM Map):	WILMINGTON	**County:**	NEW H
Zip Code (DWM Map):	28401	**Latitude:**	34.242944
Latitude (DWM Map):	34.242944	**Longitude:**	-77.900495
Long (DWM Map):	-77.900495		

Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx
Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (STATUS)

Incident Details

Release Code:	2	**Samples Include:**	
Release Cause:		**7.5 Min Quad:**	
Release Source:	C	**5 Min Quad:**	
Type:	4	**Submitted Date:**	01-Feb-2005 00:00:00
Location:	8	**I Ownership:**	6
Site Priority:		**Owner Operator:**	
Priority Update:		**Ownership:**	6
Source Type:	C	**Ownership Desc:**	County
ERR Type:		**Operation Type:**	4
Wells Affected Y/N:		**Operation Desc:**	Educ/Religios
Wells Affected:		**PIRF Min Soil:**	
Samples Taken By:	Y		

Description of Incident: Holes observed in 2000 gal. heating oil tank during removal. Soil samples confirm release.

Incident Report

Report Type:	DR	**Approved Date:**	31-Jan-2006 00:00:00
Request Date:		**Implement Date:**	
Received Date:	25-Jan-2006 00:00:00	**Due Date:**	
Reviewed Date:	31-Jan-2006 00:00:00		
PRT ID:	1079088		
Report Type Description:	Deed Recordation		
Comment:			

BK:4926 // PG:1719-1723 **Note: Many records provided by the department have a truncated [Comment] field.

Report Type:	PN	**Approved Date:**	31-Jan-2006 00:00:00

Request Date: ***Implement Date:***
Received Date: 25-Jan-2006 00:00:00 ***Due Date:***
Reviewed Date: 31-Jan-2006 00:00:00
PRT ID: 1079089
Report Type Description: Public Notification
Comment:

Report Type: LSA1 ***Approved Date:*** 15-Jul-2005 00:00:00
Request Date: ***Implement Date:***
Received Date: 11-Jul-2005 00:00:00 ***Due Date:***
Reviewed Date: 15-Jul-2005 00:00:00
PRT ID: 1084354
Report Type Description: Limited Site Assmt Phase 1
Comment:

Groundwater below 2lL standards; Soil above residential at UST-6.

Report Type: 20DAY ***Approved Date:*** 03-Feb-2005 00:00:00
Request Date: ***Implement Date:***
Received Date: 01-Feb-2005 00:00:00 ***Due Date:***
Reviewed Date: 03-Feb-2005 00:00:00
PRT ID: 1086514
Report Type Description: 20 Day Report
Comment:

Soils above the residential mscc. Groundwater not encountered during closure.

Incident Status

Last Modified: 27-Sep-2005 00:00:00 ***Public Meeting Held:***
Incident Phase: CO ***Corrective Act Plan:***
Incid Phase Desc: Close Out ***SOC Signed:***
NOV Issued: ***Reclassification Rep:***
NORR Issued: ***RS Designation:***
45 Day Report: ***Closure Req Date:***

UST Incidents

RO Code: WIL ***Reg:*** N
CD No: 431 ***Conf Risk:*** L
Date Reported: 2005/02/02 00:00:00+00 ***RRA Date:***
Land Use: RES ***RRA Risk:***
LUR Filed: 2006/01/26 00:00:00+00 ***RRA Rank Curr:*** 0
LUR Resc: ***RRA Abate:***
LUR State: S ***Risk:*** L
X: 2332309.88435122 ***RRA Rank:***
Y: 181249.228574976 ***MGR:*** JDP
Comm: C
Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7044%2A%22%7D
Object ID: 33078

RUST Data

MGR: JDP ***LUR Resc:***
RO Code: WIL ***LUR State:*** S
Date Reported: 2005/02/02 00:00:00+00 ***SL MGR:***
Date Reported FY: 2005 ***SL Cleanup Strt Dt:***
Date Occured FY: 2005 ***SL Cleanup End Dt:***
Comm: C ***SL Site Stat:***
Reg: N ***SL Ftfrecdte:***
Perccomfndelig: ***CD NO:*** 431
TOT Paid: ***RRA Date:***

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Conf Risk:	L	**RRA Risk:**	
Risk:	L	**RRA Rank Curr:**	0
Landuse:	RES	**RRA Abate:**	
Inc Stat:	Closed	**RRA Rank:**	
Closeout FY:	2005	**X:**	2332309.88439552
LUR Filed:	2006/01/26 00:00:00+00	**Y:**	181249.228491266

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7044%2A%22%7D

Comment: 2000 gal. heating oil tank. 40.74 tons of contaminated soil removed during closure. NFA sent 9-27-05. File pulled for archiving in 9/2011 by SAK.

LUST Database

MGR:	JDP	**Contact:**	IRENE SOTIRIOU
Regional Office Cd:	WIL	**Telephone:**	9102544398
Date Reported:	2/1/2005	**RP Address:**	6410 CAROLINA BEACH ROAD
Release Code:	0	**RP City:**	WILMINGTON
Release Code Desc:		**RP State:**	NC
Source:	3	**RP Zip Code:**	28412
Source Desc:	LEAK, UST	**RP County:**	
Site Priority:		**RP Email:**	
Pollutant Type:	4	**RP Email1:**	
Pollutant Desc:	HEATING OIL	**RP Owner:**	TRUE
Petroleum Type:	P	**RP Operator:**	TRUE
Petrol Type Desc:	PETROLEUM	**RP Land Owner:**	TRUE
COMM:	C	**Lur Status:**	
COMM Desc:	COMMERCIAL	**LUR Filed:**	1/25/2006
Regulated Code:	N	**LUR Resc:**	
Reg Code Desc:	NON REGULATED	**LUR State:**	S
Notice Rg Rq Issd:		**GPS Conf:**	31
Notice Violtn Issd:		**RBCA GW:**	G1
Contamination:	SL	**RBCA GW Desc:**	Cleanups to 2L.0202 standards
Cleanup:	12/30/2004	**RBCA:**	S1
Conf Risk:	L	**RBCA Desc:**	Residential
Risk:	L	**CD No:**	431
Land Use:	RES	**Reel No:**	0
Land Use Desc:	Residential	**ERR CD:**	NO
Phase Reqrd:	1	**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:	0	**New Source:**	
MTBE 1:	N	**Book:**	
RP Company:	NEW HANOVER COUNTY BOARD OF ED	**Page:**	
HCS Ref:	USGS 7.5 Minute		
Comment:			

2000 gal. heating oil tank. 40.74 tons of contaminated soil removed during closure. NFA sent 9-27-05. File pulled for archiving in 9/2011 by SAK.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
11	1 of 1	E	0.32 / 1,682.57	38.31 / 4	Kerr Ave - 204 N. 204 N. Kerr Ave Wilmington NC 28405	LUST

Incdnt No (DWM Map):	47047	**Incident No:**	47047
Fac ID (DWM Map):		**Facility ID:**	
UST No (DWM Map):	WI-27732	**UST No:**	WI-27732
Curr Stat (DWM Map):	Current Record	**Current Status:**	C
Close Out(DWMMap):	2020/06/10 00:00:00+00	**Status Title:**	Current Record
Dt Occur (DWM Map):	2020/05/26 00:00:00+00	**Close Out:**	6/9/2020
Incident (DWM Map):	Kerr Ave - 204 N.	**Date Occurred:**	5/25/2020
Address (DWM Map):	204 N. Kerr Ave	**Contam Type:**	Groundwater/Both
County (DWM Map):	NEW H	**Cleanup:**	5/25/2020
City (DWM Map):	Wilmington	**County:**	NEW H
Zip Code (DWM Map):	28405	**Latitude:**	34.245048

Latitude (DWM Map):	34.245048	**Longitude:**	-77.889493
Long (DWM Map):	-77.889493		
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		
Data Source:	Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (PIRF); RUST Incident Management Database (STATUS)		

Incident Details

Release Code:	4	**Samples Include:**	
Release Cause:	7	**7.5 Min Quad:**	
Release Source:	A	**5 Min Quad:**	
Type:	4	**Submitted Date:**	
Location:	7	**I Ownership:**	
Site Priority:		**Owner Operator:**	
Priority Update:		**Ownership:**	4
Source Type:	2	**Ownership Desc:**	Private
ERR Type:		**Operation Type:**	3
Wells Affected Y/N:	N	**Operation Desc:**	Residential
Wells Affected:		**PIRF Min Soil:**	
Samples Taken By:	N		
Description of Incident:			

Incident Status

Last Modified:	09-Jun-2020 00:00:00	**Public Meeting Held:**	
Incident Phase:	CO	**Corrective Act Plan:**	
Incid Phase Desc:	Close Out	**SOC Signed:**	
NOV Issued:		**Reclassification Rep:**	
NORR Issued:		**RS Designation:**	
45 Day Report:		**Closure Req Date:**	

UST Incidents

RO Code:	WIL	**Reg:**	N
CD No:		**Conf Risk:**	L
Date Reported:	2020/05/23 00:00:00+00	**RRA Date:**	
Land Use:		**RRA Risk:**	
LUR Filed:	2020/06/04 00:00:00+00	**RRA Rank Curr:**	0
LUR Resc:		**RRA Abate:**	
LUR State:	B	**Risk:**	L
X:	2335626.37181272	**RRA Rank:**	
Y:	182051.927428901	**MGR:**	LEP
Comm:	N		
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-27732%2A%22%7D		
Object ID:	42742		

RUST Data

MGR:	LEP	**LUR Resc:**	
RO Code:	WIL	**LUR State:**	B
Date Reported:	2020/05/23 00:00:00+00	**SL MGR:**	
Date Reported FY:	2020	**SL Cleanup Strt Dt:**	
Date Occured FY:	2020	**SL Cleanup End Dt:**	
Comm:	N	**SL Site Stat:**	
Reg:	N	**SL Ftfrecdte:**	
Perccomfndelig:		**CD NO:**	
TOT Paid:		**RRA Date:**	
Conf Risk:	L	**RRA Risk:**	
Risk:	L	**RRA Rank Curr:**	0
Landuse:		**RRA Abate:**	
Inc Stat:	Closed	**RRA Rank:**	
Closeout FY:	2020	**X:**	2335626.37189486

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

LUR Filed: 2020/06/04 00:00:00+00 **Y:** 182051.927573736
Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-27732%2A%22%7D
Comment:

LUST Database

MGR:	LEP	**Contact:**	Mr. Adrian Martin, Auditor
Regional Office Cd:	WIL	**Telephone:**	2422294549
Date Reported:	5/22/2020	**RP Address:**	142 Parkwood Dr
Release Code:		**RP City:**	Wilmington
Release Code Desc:		**RP State:**	NC
Source:	3	**RP Zip Code:**	28409
Source Desc:	LEAK, UST	**RP County:**	
Site Priority:		**RP Email:**	
Pollutant Type:	4	**RP Email1:**	
Pollutant Desc:	HEATING OIL	**RP Owner:**	FALSE
Petroleum Type:	P	**RP Operator:**	FALSE
Petrol Type Desc:	PETROLEUM	**RP Land Owner:**	FALSE
COMM:	N	**Lur Status:**	
COMM Desc:	NON COMMERCIAL	**LUR Filed:**	6/3/2020
Regulated Code:	N	**LUR Resc:**	
Reg Code Desc:	NON REGULATED	**LUR State:**	B
Notice Rg Rq Issd:		**GPS Conf:**	31
Notice Violtn Issd:		**RBCA GW:**	G2
Contamination:	GW	**RBCA GW Desc:**	Cleanups to alternate standards
Cleanup:	5/25/2020	**RBCA:**	S1
Conf Risk:	L	**RBCA Desc:**	Residential
Risk:	L	**CD No:**	
Land Use:		**Reel No:**	
Land Use Desc:		**ERR CD:**	NO
Phase Reqrd:		**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:	0	**New Source:**	
MTBE 1:	U	**Book:**	
RP Company:	Woodman of the World, Lodge 6	**Page:**	1271
HCS Ref:	Google Earth		
Comment:			

12	1 of 1	ENE	0.32 / 1,707.06	34.69 / 1	NEWELL RESIDENCE 513 NORTH KERR AVE. WILMINGTON NC 284053413	LUST

Incdnt No (DWM Map):	21122	**Incident No:**	21122
Fac ID (DWM Map):		**Facility ID:**	
UST No (DWM Map):	WI-1783	**UST No:**	WI-1783
Curr Stat (DWM Map):	Archived	**Current Status:**	A
Close Out(DWMMap):	2008/02/09 00:00:00+00	**Status Title:**	Archived
Dt Occur (DWM Map):	1999/01/23 00:00:00+00	**Close Out:**	2/8/2008
Incident (DWM Map):	NEWELL RESIDENCE	**Date Occurred:**	1/22/1999
Address (DWM Map):	513 NORTH KERR AVE.	**Contam Type:**	Groundwater/Both
County (DWM Map):	NEW H	**Cleanup:**	1/22/1999
City (DWM Map):	WILMINGTON	**County:**	NEW H
Zip Code (DWM Map):	284053413	**Latitude:**	34.248945992
Latitude (DWM Map):	34.248945992	**Longitude:**	-77.890313
Long (DWM Map):	-77.890313		

Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx
Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (RRA); RUST Incident Management Database (STATUS)

Incident Details

Release Code:
Release Cause:
Release Source:
Type:
Location:
Site Priority:
Priority Update:
Source Type:
ERR Type: R
Wells Affected Y/N:
Wells Affected:
Samples Taken By:
Description of Incident:

Samples Include:
7.5 Min Quad:
5 Min Quad:
Submitted Date:
I Ownership: 0
Owner Operator:
Ownership:
Ownership Desc:
Operation Type:
Operation Desc:
PIRF Min Soil:

Incident Report

Report Type: LSA
Request Date:
Received Date: 07-Jan-2000 00:00:00
Reviewed Date: 31-Jan-2000 00:00:00
PRT ID: 1086176
Report Type Description:
Comment:

Approved Date:
Implement Date:
Due Date:

Report Type: DR
Request Date:
Received Date: 06-Mar-2008 00:00:00
Reviewed Date:
PRT ID: 1090358
Report Type Description: Deed Recordation
Comment:

Approved Date: 08-Jan-2014 00:00:00
Implement Date:
Due Date:

Notice of Residual Petroluem issued 2/29/2008 entered 1/8/2014 **Note: Many records provided by the department have a truncated [Comment] field.

RRA

RRA Date: 21-Sep-2004 00:00:00
RRA Init: sak
RRA Risk: H
RRA ID: 42749

RRA Rank: 0050
RRA Abate: R

Incident Status

Last Modified: 08-Feb-2008 00:00:00
Incident Phase: CO
Incid Phase Desc: Close Out
NOV Issued:
NORR Issued:
45 Day Report:

Public Meeting Held:
Corrective Act Plan:
SOC Signed:
Reclassification Rep:
RS Designation:
Closure Req Date:

UST Incidents

RO Code: WIL
CD No: 0
Date Reported: 1999/04/06 00:00:00+00
Land Use: RES
LUR Filed: 2008/03/01 00:00:00+00
LUR Resc:
LUR State: G

Reg: N
Conf Risk: L
RRA Date: 2004/09/22 00:00:00+00
RRA Risk: H
RRA Rank Curr: 50
RRA Abate: R
Risk: H

X:	2335362.69779938	**RRA Rank:**	0050
Y:	183467.708718061	**MGR:**	SAK
Comm:	N		
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-1783%2A%22%7D		
Object ID:	24154		

RUST Data

MGR:	SAK	**LUR Resc:**	
RO Code:	WIL	**LUR State:**	G
Date Reported:	1999/04/06 00:00:00+00	**SL MGR:**	
Date Reported FY:	1999	**SL Cleanup Strt Dt:**	
Date Occured FY:	1999	**SL Cleanup End Dt:**	
Comm:	N	**SL Site Stat:**	
Reg:	N	**SL Ftfrecdte:**	
Perccomfndelig:	0	**CD NO:**	0
TOT Paid:	10673.6	**RRA Date:**	2004/09/22 00:00:00+00
Conf Risk:	L	**RRA Risk:**	H
Risk:	H	**RRA Rank Curr:**	50
Landuse:	RES	**RRA Abate:**	R
Inc Stat:	Closed	**RRA Rank:**	0050
Closeout FY:	2008	**X:**	2335362.69794109
LUR Filed:	2008/03/01 00:00:00+00	**Y:**	183467.708863311
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-1783%2A%22%7D		
Comment:	no soil contamination above water level, identified soil cont. was below the water table and believed the soil was being impacted by the contaminated gw, mw-2 has benzezn(12 ppb), ethylbenzene (50 ppb), maphthalene (110 ppb), has eph and vph above 2L, no **Note: Many records provided by the department have a truncated [Comment] field.		

LUST Database

MGR:	SAK	**Contact:**	MR. C. NEWELL
Regional Office Cd:	WIL	**Telephone:**	
Date Reported:	4/5/1999	**RP Address:**	513 NORTH KERR AVE.
Release Code:	0	**RP City:**	WILMINGTON
Release Code Desc:		**RP State:**	NC
Source:	3	**RP Zip Code:**	28405
Source Desc:	LEAK, UST	**RP County:**	
Site Priority:		**RP Email:**	
Pollutant Type:	4	**RP Email1:**	
Pollutant Desc:	HEATING OIL	**RP Owner:**	FALSE
Petroleum Type:	P	**RP Operator:**	FALSE
Petrol Type Desc:	PETROLEUM	**RP Land Owner:**	FALSE
COMM:	N	**Lur Status:**	
COMM Desc:	NON COMMERCIAL	**LUR Filed:**	2/29/2008
Regulated Code:	N	**LUR Resc:**	
Reg Code Desc:	NON REGULATED	**LUR State:**	G
Notice Rg Rq Issd:	5/24/1999	**GPS Conf:**	14
Notice Violtn Issd:		**RBCA GW:**	G2
Contamination:	GW	**RBCA GW Desc:**	Cleanups to alternate standards
Cleanup:	1/22/1999	**RBCA:**	S3
Conf Risk:	L	**RBCA Desc:**	Soil to Groundwater
Risk:	H	**CD No:**	0
Land Use:	RES	**Reel No:**	0
Land Use Desc:	Residential	**ERR CD:**	
Phase Reqrd:		**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:	T	**HCS Res:**	
CAP Desc:	Monitoring Only	**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:		**New Source:**	
MTBE 1:	N	**Book:**	
RP Company:		**Page:**	
HCS Ref:			
Comment:			

no soil contamination above water level, identified soil cont. was below the water table and believed the soil was being impacted by the contaminated gw, mw-2 has benzezn(12 ppb), ethylbenzene (50 ppb), maphthalene (110 ppb), has eph and vph above 2L, no compound detected in mw-1 (12" away) of the out of use irr. wsw (30' away) Notice of No Further Action was resended on Sept 10, 2008 because FP was located when MW 2 was abandoned /// 2/29/2008 BK: 5285 PG: 371-375 WER/// archived in G drive without CD **Note: Many records provided by the department have a truncated [Comment] field.

13	1 of 1	E	0.32 / 1,707.72	36.49 / 2	Kerr Ave - 304 N 304 N. Kerr Ave Wilmington NC 28405	LAST

Incident No:	94375	**County:**	NEW H
UST No:	WI-88524	**Incident No (Map):**	94375
Facility ID:		**UST No (Map):**	WI-88524
Current Status:	Current Record	**Facility ID (Map):**	
Dt Occurred (IMD):	2/22/2018	**Current Stat (Map):**	Current Record
Closeout (IMD):	12/5/2018	**Dt Occurred (Map):**	2018/02/23 00:00:00+00
Contamination:	SL	**Closeout (Map):**	2018/12/06 00:00:00+00
Contamination Type:	Soil	**Latitude (Map):**	34.245863
Cleanup:	8/29/2016	**Longitude (Map):**	-77.889382
Latitude:	34.245863	**County (Map):**	NEW H
Longitude:	-77.889382	**Address (Map):**	304 N. Kerr Ave
Address:	304 N. Kerr Ave	**Zipcode (Map):**	28405
Zipcode:	28405	**City Town (Map):**	Wilmington
Citytown:	Wilmington		

Incident Name: Kerr Ave - 304 N
Inc Name (Map): Kerr Ave - 304 N
LF Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%28%7B%5B%5D%3A%5BProgram_ID%5D%3D%22WI-88524%22%7D%29
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx
Data Source: Deptartment of Environmental Quality - RAST; Aboveground Incident Management Database (UST DB); Aboveground Incident Management Database (RPTS); Aboveground Incident Management Database (ASSIGNID); Aboveground Incident Management Database (PIRF); Aboveground Incident Management Database (STATUS)

Incident Information

Facility ID:		**County:**	NEW H
Date Entered:	5/3/2018	**Region:**	WIL
Src Contamination:	14		

Incident Loc Name: Kerr Ave - 304 N

Incident Details

Date Occurred:		**Release Code:**	4
Submitted Date:		**Release Code Desc:**	Visual/Odor
Type:	4	**Owner Operator:**	
Location:	7	**Ownership:**	4
Location Desc:	Residence	**Ownership Desc:**	Private
Site Priority:		**Operation Type:**	5
Priority Update:		**Operation Desc:**	Industrial
Wells Affected Y/N:	No	**75 Min Quad:**	
Wells Affected:		**5 Min Quad:**	
Samples Taken By:	Y	**PIRF Min Soil:**	
Samples Include:		**Source Type:**	P
Description of Incident:			

Incident Report

Report Type:	DR	**Approved Date:**	7/17/2018
Request Date:		**Implement Date:**	
Received Date:	7/16/2018	**Due Date:**	
Reviewed Date:	7/17/2018		

Report Type Desc: Deed Recordation

Comment:

soil only. BK: RB 6156 PG: 1063-1068 7.17.2018

Report Type:	FPRI	***Approved Date:***	5/3/2018
Request Date:		***Implement Date:***	
Received Date:	4/30/2018	***Due Date:***	
Reviewed Date:	5/3/2018		
Report Type Desc:	Free Product Recovery (Initial)		
Comment:			

AST removed. Soil excavated. GW approx 3' bls.

Report Type:	FPRS	***Approved Date:***	5/3/2018
Request Date:		***Implement Date:***	
Received Date:	4/30/2018	***Due Date:***	
Reviewed Date:	5/3/2018		
Report Type Desc:	Free Product Recovery (Subsequent)		
Comment:			

GW reported below 2L. Soil near house reported above res msccs.

Report Type:	OTH	***Approved Date:***	12/4/2018
Request Date:		***Implement Date:***	
Received Date:	12/4/2018	***Due Date:***	
Reviewed Date:			
Report Type Desc:	Other (Comments Required)		
Comment:			

Public Notice Received

Incident Status

Last Modified:	12/5/2018	***NOV Issued:***	
Incident Phase:	CO	***NORR Issued:***	
Inci Phase Desc:	Close Out	***Close Out Report:***	

RAST (Map)

Regional Office Cd:	WIL	***Regulated Code:***	N
CD No:	0	***Regulated Cd Desc:***	NON REGULATED
Date Reported:	2018/02/23 00:00:00+00	***Conf Risk:***	L
Land Use:	RES	***Risk:***	H
Inc Stat:	Closed	***RRA Date:***	
LUR Filed:	2018/07/18 00:00:00+00	***RRA Risk:***	
LUR Resc:		***RRA Abate:***	
LUR State:		***RRA Rank:***	0
MGR:	NPM	***RRA Rank 2:***	
COMM:		***X:***	2335656.59935275
COMM Desc:		***Y:***	182348.896741462
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-88524%2A%22%7D		
Comment:	THIS SITE IS NOT CLOSED IT NEEDS PUBLIC NOTICE. PN received in WiRO 12/4/2018.		

RAST Database

MGR:	NPM	***Release Code:***	0
Regional Office Cd:	WIL	***Release Desc:***	
Date Reported:	2/22/2018	***LUR Filed:***	7/17/2018
Source Code:		***LUR Resc:***	
Source Desc:		***LUR State:***	
Pollutant Type:	PETROLEUM	***GPS Conf:***	1

COMM:		**RBCA GW:**	G1
COMM Desc:		**RBCA GW Desc:**	Cleanups to 2L.0202 standards
Regulated Code:	N	**PETOPT Desc:**	HEATING OIL
Regulated Desc:	NON REGULATED	**CD No:**	0
Ntice Rg Rq Issd:		**Reel No:**	0
Ntice Violtn Issd:		**RP Owner:**	FALSE
Conf Risk:	L	**RP Operator:**	FALSE
Risk:	H	**RP Land Owner:**	TRUE
Land Use:	RES	**ERRCD:**	NO
Land Use Desc:	Residential	**Valid:**	FALSE
Site Priority:		**Cat Code:**	
Intrmdt Cndition:		**HCS Res:**	
Crrctve Act Pln Tp:		**Reliability:**	
RBCA:	S1	**LUR Status:**	
RBCA Desc:	Residential	**LUR Status1:**	
Close Reqsd:		**Phase Required:**	
Supply Well:	0	**Book:**	
MTBE:	0	**Page:**	
Telephone:		**Email:**	
MTBE1:	U	**Latitude:**	
MTBE Desc:	Unknown	**Longitude:**	
CAP Desc:			
HCS Ref:			
RP:	FALSE		
RP Company:	Add Data		
Contact:	Charles Rackley		
RP Address:	1905 Ryerson Drive		
RP City:	Garner		
RP State:	NC		
RP Zipcode:	27529		
RP County:			
RP Email:			
Comment:			

THIS SITE IS NOT CLOSED IT NEEDS PUBLIC NOTICE. PN received in WiRO 12/4/2018.

Map Viewer Details

CD No:	0	**Risk:**	H
MGR:	NPM	**LUR Filed:**	7/17/2018, 8:00 PM
RO Code:	WIL	**LUR Resc:**	
Date Reported:	2/22/2018, 7:00 PM	**LUR State:**	
Comm:		**RRA Date:**	
Comm Desc:		**RRA Risk:**	
Reg:	N	**RRA Abate:**	
Regulated Cd Desc:	NON REGULATED	**RRA Rank:**	0
Con Frisk:	L	**X:**	-77.88937969470433
Land Use:	RES	**Y:**	34.245856230529895
Comment:	THIS SITE IS NOT CLOSED IT NEEDS PUBLIC NOTICE. PN received in WiRO 12/4/2018.		

AST Incidents Open Data Details

CD No:	0	**LUR Filed:**	2018/07/18 00:00:00+00
MGR:	NPM	**LUR Resc:**	
RO Code:	WIL	**LUR State:**	
Date Reported:	2018/02/23 00:00:00+00	**RRA Date:**	
Comm:		**RRA Risk:**	
Comm Desc:		**RRA Abate:**	
Reg:	N	**RRA Rank:**	0
Regulated Cd Desc:		**RRA Rank 2:**	
Con Frisk:	L	**X:**	2335656.59935275
Land Use:	RES	**Y:**	182348.896741462
Risk:	H		
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-88524%2A%22%7D		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
14	1 of 5	SE	0.32 / 1,707.94	40.53 / 6	GAS WORLD #1 4412 MARKET ST. WILMINGTON NC 28403	LUST

Incdnt No (DWM Map):	17907	**Incident No:**	17907
Fac ID (DWM Map):	00-0-0000020185	**Facility ID:**	00-0-0000020185
UST No (DWM Map):	WI-1511	**UST No:**	WI-1511
Curr Stat (DWM Map):	Archived	**Current Status:**	A
Close Out(DWMMap):	2011/03/08 00:00:00+00	**Status Title:**	Archived
Dt Occur (DWM Map):	1997/08/30 00:00:00+00	**Close Out:**	3/7/2011
Incident (DWM Map):	GAS WORLD #1	**Date Occurred:**	8/29/1997
Address (DWM Map):	4412 MARKET ST.	**Contam Type:**	Groundwater/Both
County (DWM Map):	NEW H	**Cleanup:**	8/29/1997
City (DWM Map):	WILMINGTON	**County:**	NEW H
Zip Code (DWM Map):	28403	**Latitude:**	34.242351067
Latitude (DWM Map):	34.242351067	**Longitude:**	-77.8905957
Long (DWM Map):	-77.8905957		

Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (RRA); RUST Incident Management Database (STATUS)

Incident Details

Release Code:		**Samples Include:**	1
Release Cause:		**7.5 Min Quad:**	
Release Source:		**5 Min Quad:**	
Type:	3	**Submitted Date:**	24-Oct-1997 00:00:00
Location:	1	**I Ownership:**	4
Site Priority:	70E	**Owner Operator:**	MR. CECIL WORSLEY
Priority Update:	30-May-1998 00:00:00	**Ownership:**	4
Source Type:		**Ownership Desc:**	Private
ERR Type:		**Operation Type:**	6
Wells Affected Y/N:		**Operation Desc:**	Commercial
Wells Affected:	0.0	**PIRF Min Soil:**	Pirf
Samples Taken By:	3		

Description of Incident: FREE PRODUCT WAS DISCOVERED.

Incident Report

Report Type:	RMR	**Approved Date:**	19-Sep-2005 00:00:00
Request Date:		**Implement Date:**	
Received Date:	16-Sep-2005 00:00:00	**Due Date:**	
Reviewed Date:	19-Sep-2005 00:00:00		
PRT ID:	1079071		
Report Type Description:	Remediation Monitoring Report		
Comment:			

Report Type:	FPRS	**Approved Date:**	03-Feb-2002 00:00:00
Request Date:		**Implement Date:**	
Received Date:	30-Jan-2003 00:00:00	**Due Date:**	
Reviewed Date:	03-Feb-2003 00:00:00		
PRT ID:	1079092		
Report Type Description:	Free Product Recovery (Subsequent)		
Comment:			

two reports: one for the 24th afvr event and one for the 25th **Note: Many records provided by the department have a truncated [Comment] field.

Report Type:	OTH	**Approved Date:**	01-Oct-2002 00:00:00
Request Date:	30-Sep-2002 00:00:00	**Implement Date:**	
Received Date:	30-Sep-2002 00:00:00	**Due Date:**	
Reviewed Date:	01-Oct-2002 00:00:00		

PRT ID: 1085390
Report Type Description: Other (Comments Required)
Comment:

afvr report **Note: Many records provided by the department have a truncated [Comment] field.

Report Type: FPRS
Request Date:
Received Date: 16-Dec-2003 00:00:00
Reviewed Date: 18-Dec-2003 00:00:00
PRT ID: 1085238
Report Type Description: Free Product Recovery (Subsequent)
Comment:
Approved Date: 18-Dec-2003 00:00:00
Implement Date:
Due Date:

Report Type: RMR
Request Date:
Received Date: 22-Sep-2006 00:00:00
Reviewed Date: 03-Oct-2006 00:00:00
PRT ID: 1083188
Report Type Description: Remediation Monitoring Report
Comment:
Approved Date: 03-Oct-2006 00:00:00
Implement Date:
Due Date:

WCI will install 2 new mw's **Note: Many records provided by the department have a truncated [Comment] field.

Report Type: RMR
Request Date:
Received Date: 20-Oct-2003 00:00:00
Reviewed Date: 22-Oct-2003 00:00:00
PRT ID: 1083945
Report Type Description: Remediation Monitoring Report
Comment:
Approved Date: 24-Oct-2003 00:00:00
Implement Date:
Due Date:

fp detected, again. fp recovery not started yet.

Report Type: CSA
Request Date:
Received Date: 25-Mar-1998 00:00:00
Reviewed Date: 21-Jun-2001 00:00:00
PRT ID: 1084728
Report Type Description:
Comment:
Approved Date:
Implement Date:
Due Date:

Report Type: CAP
Request Date:
Received Date: 14-Jan-2002 00:00:00
Reviewed Date: 15-Jan-2002 00:00:00
PRT ID: 1085763
Report Type Description: Corrective Action Plan - Soil & GW
Comment:
Approved Date: 14-Feb-2002 00:00:00
Implement Date:
Due Date:

Report Type: RMR
Request Date:
Received Date: 19-Apr-2007 00:00:00
Reviewed Date: 23-Apr-2007 00:00:00
PRT ID: 1083005
Report Type Description: Remediation Monitoring Report
Comment:
Approved Date: 23-Apr-2007 00:00:00
Implement Date:
Due Date:

Report Type: RMR
Request Date:
Received Date: 19-Feb-2008 00:00:00
Reviewed Date: 26-Feb-2008 00:00:00
PRT ID: 1087018
Approved Date: 26-Feb-2008 00:00:00
Implement Date:
Due Date:

Report Type Description: Remediation Monitoring Report
Comment:

Report Type: RMRI
Request Date:
Received Date: 16-Jun-2003 00:00:00
Reviewed Date: 17-Jun-2003 00:00:00
PRT ID: 1085030
Report Type Description: Remediation Monitoring Report (Initial)
Comment:
Approved Date: 26-Jun-2003 00:00:00
Implement Date:
Due Date:

need isoconcentration maps-letter sent stating report incomplete until we get these maps. Rec maps on 6/26/2003.

Report Type: RMR
Request Date:
Received Date: 29-Apr-2004 00:00:00
Reviewed Date: 30-Apr-2004 00:00:00
PRT ID: 1086291
Report Type Description: Remediation Monitoring Report
Comment:
Approved Date: 30-Apr-2004 00:00:00
Implement Date:
Due Date:

Report Type: RMR
Request Date:
Received Date: 29-Jan-2010 00:00:00
Reviewed Date: 16-Feb-2010 00:00:00
PRT ID: 1082743
Report Type Description: Remediation Monitoring Report
Comment:
Approved Date: 16-Feb-2010 00:00:00
Implement Date:
Due Date:

additional sparge wells up and running. Dramatic decrease in contam levels in MW-1.

Report Type: RMR
Request Date:
Received Date: 03-Feb-2009 00:00:00
Reviewed Date: 03-Mar-2009 00:00:00
PRT ID: 1087876
Report Type Description: Remediation Monitoring Report
Comment:
Approved Date: 03-Mar-2009 00:00:00
Implement Date:
Due Date:

Report Type: OTH
Request Date:
Received Date: 08-Sep-2010 00:00:00
Reviewed Date: 09-Sep-2010 00:00:00
PRT ID: 1088627
Report Type Description: Other (Comments Required)
Comment:
Approved Date: 09-Sep-2010 00:00:00
Implement Date:
Due Date:

letter regarding historical soil sampling results: below s/gw **Note: Many records provided by the department have a truncated [Comment] field.

Report Type: RMR
Request Date:
Received Date: 11-Feb-2011 00:00:00
Reviewed Date: 14-Feb-2011 00:00:00
PRT ID: 1088805
Report Type Description: Remediation Monitoring Report
Comment:
Approved Date: 14-Feb-2011 00:00:00
Implement Date:
Due Date:

Report Type: RMR
Request Date:
Received Date: 30-Jul-2010 00:00:00
Reviewed Date: 02-Aug-2010 00:00:00
PRT ID: 1088582
Report Type Description: Remediation Monitoring Report
Approved Date:
Implement Date:
Due Date:

Comment:

no gcl's **Note: Many records provided by the department have a truncated [Comment] field.

Report Type: RMR
Request Date:
Received Date: 08-Sep-2009 00:00:00
Reviewed Date: 16-Sep-2009 00:00:00
PRT ID: 1088010
Report Type Description: Remediation Monitoring Report
Comment:
Approved Date: 16-Sep-2009 00:00:00
Implement Date:
Due Date:

Report Type: FPRS
Request Date:
Received Date: 09-May-2003 00:00:00
Reviewed Date: 22-May-2003 00:00:00
PRT ID: 1084973
Report Type Description: Free Product Recovery (Subsequent)
Comment:
Approved Date: 22-May-2003 00:00:00
Implement Date:
Due Date:

Report Type: RMR
Request Date:
Received Date: 21-Oct-2004 00:00:00
Reviewed Date: 26-Oct-2004 00:00:00
PRT ID: 1083741
Report Type Description: Remediation Monitoring Report
Comment:
Approved Date: 26-Oct-2004 00:00:00
Implement Date:
Due Date:

Report Type: RMR
Request Date:
Received Date: 29-Aug-2008 00:00:00
Reviewed Date: 03-Sep-2008 00:00:00
PRT ID: 1087680
Report Type Description: Remediation Monitoring Report
Comment:
Approved Date: 03-Sep-2008 00:00:00
Implement Date:
Due Date:

fire ants in MW-14 vault. Uptick in mtbe in MW-1.

Report Type: RMR
Request Date:
Received Date: 10-Mar-2006 00:00:00
Reviewed Date: 13-Mar-2006 00:00:00
PRT ID: 1086954
Report Type Description: Remediation Monitoring Report
Comment:
Approved Date: 13-Mar-2006 00:00:00
Implement Date:
Due Date:

Report Type: PN
Request Date:
Received Date: 07-Apr-2011 00:00:00
Reviewed Date: 07-Apr-2011 00:00:00
PRT ID: 1083516
Report Type Description: Public Notification
Comment:
Approved Date: 07-Apr-2011 00:00:00
Implement Date:
Due Date:

Report Type: RMR
Request Date:
Received Date: 23-Aug-2007 00:00:00
Reviewed Date: 28-Aug-2007 00:00:00
PRT ID: 1084156
Report Type Description: Remediation Monitoring Report
Comment:
Approved Date: 28-Aug-2007 00:00:00
Implement Date:
Due Date:

new compressor this reporting period: also, metal shards found in AS lines **Note: Many records provided by the department have a truncated

[Comment] field.

RRA

RRA Date:	07-Mar-2011 00:00:00	***RRA Rank:***	70
RRA Init:	BAR	***RRA Abate:***	R
RRA Risk:	L		
RRA ID:	47838		
RRA Date:	16-Sep-2004 00:00:00	***RRA Rank:***	0110
RRA Init:	bar	***RRA Abate:***	r
RRA Risk:	I		
RRA ID:	42689		

Incident Status

Last Modified:	07-Mar-2011 00:00:00	***Public Meeting Held:***	
Incident Phase:	CO	***Corrective Act Plan:***	
Incid Phase Desc:	Close Out	***SOC Signed:***	
NOV Issued:		***Reclassification Rep:***	
NORR Issued:		***RS Designation:***	
45 Day Report:		***Closure Req Date:***	

UST Incidents

RO Code:	WIL	***Reg:***	R
CD No:	488	***Conf Risk:***	L
Date Reported:	1997/07/30 00:00:00+00	***RRA Date:***	2011/03/08 00:00:00+00
Land Use:		***RRA Risk:***	L
LUR Filed:	2008/02/26 00:00:00+00	***RRA Rank Curr:***	70
LUR Resc:		***RRA Abate:***	R
LUR State:	G	***Risk:***	I
X:	2335304.08866464	***RRA Rank:***	70
Y:	181066.736157805	***MGR:***	BAR
Comm:	C		
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-1511%2A%22%7D		
Object ID:	21619		

RUST Data

MGR:	BAR	***LUR Resc:***	
RO Code:	WIL	***LUR State:***	G
Date Reported:	1997/07/30 00:00:00+00	***SL MGR:***	
Date Reported FY:	1997	***SL Cleanup Strt Dt:***	
Date Occured FY:	1997	***SL Cleanup End Dt:***	
Comm:	C	***SL Site Stat:***	
Reg:	R	***SL Ftfrecdte:***	
Perccomfndelig:		***CD NO:***	488
TOT Paid:		***RRA Date:***	2011/03/08 00:00:00+00
Conf Risk:	L	***RRA Risk:***	L
Risk:	I	***RRA Rank Curr:***	70
Landuse:		***RRA Abate:***	R
Inc Stat:	Closed	***RRA Rank:***	70
Closeout FY:	2011	***X:***	2335304.0886044
LUR Filed:	2008/02/26 00:00:00+00	***Y:***	181066.736134042
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-1511%2A%22%7D		
Comment:	FAILED TANK TEST, HAS FP, PASSIVE BAILERS INSTALLED AS WELL AS SVE AND SEWER VENTING, AFVR, FP LEVEL NOW ND (01/2001), CONSULTANT WILL SEND TA TO SAMPLE GW FOR DISSOLVED CONSTITUENT. DONE. VERY HIGH LEVELS OF BENZENE AND MTBE AT THE SITE. CSA ADND. REC **Note: Many records provided by the department have a truncated [Comment] field.		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

LUST Database

MGR:	BAR	***Contact:***	MR. CECIL WORSLEY, III
Regional Office Cd:	WIL	***Telephone:***	
Date Reported:	7/29/1997	***RP Address:***	P.0. BOX 3227
Release Code:	0	***RP City:***	WILMINGTON
Release Code Desc:		***RP State:***	NC
Source:	3	***RP Zip Code:***	28406
Source Desc:	LEAK, UST	***RP County:***	
Site Priority:	70E	***RP Email:***	
Pollutant Type:	3	***RP Email1:***	
Pollutant Desc:	GASOLINE/DIESEL/KEROSENE	***RP Owner:***	TRUE
Petroleum Type:	P	***RP Operator:***	TRUE
Petrol Type Desc:	PETROLEUM	***RP Land Owner:***	TRUE
COMM:	C	***Lur Status:***	
COMM Desc:	COMMERCIAL	***LUR Filed:***	2/25/2008
Regulated Code:	R	***LUR Resc:***	
Reg Code Desc:	REGULATED	***LUR State:***	G
Notice Rg Rq Issd:	6/22/2001	***GPS Conf:***	31
Notice Violtn Issd:		***RBCA GW:***	G2
Contamination:	GW	***RBCA GW Desc:***	Cleanups to alternate standards
Cleanup:	8/29/1997	***RBCA:***	S3
Conf Risk:	L	***RBCA Desc:***	Soil to Groundwater
Risk:	I	***CD No:***	488
Land Use:		***Reel No:***	0
Land Use Desc:		***ERR CD:***	
Phase Reqrd:		***Valid:***	FALSE
Intrmdt Cndition:	CFG	***Cat Code:***	
Corr Act Plan Cd:	A	***HCS Res:***	
CAP Desc:	Air Sparging & Soil Vapor Extraction	***Reliability:***	
Clos Reqsd:		***Supply Well:***	0
MTBE:		***New Source:***	
MTBE 1:	Y	***Book:***	
RP Company:	WORSLEY COMPANIES, INC.	***Page:***	
HCS Ref:	Google Earth		
Comment:			

FAILED TANK TEST, HAS FP, PASSIVE BAILERS INSTALLED AS WELL AS SVE AND SEWER VENTING, AFVR, FP LEVEL NOW ND (01/2001), CONSULTANT WILL SEND TA TO SAMPLE GW FOR DISSOLVED CONSTITUENT. DONE. VERY HIGH LEVELS OF BENZENE AND MTBE AT THE SITE. CSA ADND. REC. Was a high risk site until 09/16/2004. Trust fund eligilbility denied. No product detected at site since November 11, 2006. Three new sparge wells added (July 2009). 07/27/2010 updated well survey by ES&S: no irrigation wells within 250 ft., no drinking water wells found within 1,000 ft. Not Trust Fund eligible. File pulled for archieving in June 2013 by sak **Note: Many records provided by the department have a truncated [Comment] field.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
14	2 of 5	SE	0.32 / 1,707.94	40.53 / 6	SCOTCHMAN #3261 4412 MARKET STREET WILMINGTON NC 28403	LUST

Incdnt No (DWM Map):	32877	***Incident No:***	32877
Fac ID (DWM Map):		***Facility ID:***	
UST No (DWM Map):	WI-7802	***UST No:***	WI-7802
Curr Stat (DWM Map):	Archived	***Current Status:***	A
Close Out(DWMMap):	2016/09/01 00:00:00+00	***Status Title:***	Archived
Dt Occur (DWM Map):	2013/10/02 00:00:00+00	***Close Out:***	8/31/2016
Incident (DWM Map):	SCOTCHMAN #3261	***Date Occurred:***	10/1/2013
Address (DWM Map):	4412 MARKET STREET	***Contam Type:***	Groundwater/Both
County (DWM Map):	NEW H	***Cleanup:***	10/1/2013
City (DWM Map):	WILMINGTON	***County:***	NEW H
Zip Code (DWM Map):	28403	***Latitude:***	34.242293
Latitude (DWM Map):	34.242293	***Longitude:***	-77.890365
Long (DWM Map):	-77.890365		
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		
Data Source:	Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (RRA); RUST Incident Management Database (STATUS)		

Incident Details

Release Code:	2	***Samples Include:***	
Release Cause:	3	***7.5 Min Quad:***	
Release Source:	A	***5 Min Quad:***	
Type:	3	***Submitted Date:***	01-Oct-2013 00:00:00
Location:	1	***I Ownership:***	4
Site Priority:		***Owner Operator:***	
Priority Update:		***Ownership:***	4
Source Type:	P	***Ownership Desc:***	Private
ERR Type:		***Operation Type:***	6
Wells Affected Y/N:	n	***Operation Desc:***	Commercial
Wells Affected:		***PIRF Min Soil:***	
Samples Taken By:	Y		
Description of Incident:			

Incident Report

Report Type:	LSA1	***Approved Date:***	03-Nov-2014 00:00:00
Request Date:		***Implement Date:***	
Received Date:	29-Oct-2014 00:00:00	***Due Date:***	
Reviewed Date:	03-Nov-2014 00:00:00		
PRT ID:	1091129		
Report Type Description:	Limited Site Assmt Phase 1		
Comment:			

no wells located within 1500'
groundwater sample collected in the former ust pit showed levels of Naphthalene at 12.6 ppm
Soil sample taken at the dispenser showed no levels above action limits **Note: Many records provided by the department have a truncated [Comment] field.

RRA

RRA Date:	03-Nov-2014 00:00:00	***RRA Rank:***	0040
RRA Init:	VM	***RRA Abate:***	R
RRA Risk:	L		
RRA ID:	43463		

Incident Status

Last Modified:	31-Aug-2016 00:00:00	***Public Meeting Held:***	
Incident Phase:	CO	***Corrective Act Plan:***	
Incid Phase Desc:	Close Out	***SOC Signed:***	
NOV Issued:		***Reclassification Rep:***	
NORR Issued:		***RS Designation:***	
45 Day Report:		***Closure Req Date:***	

UST Incidents

RO Code:	WIL	***Reg:***	R
CD No:	663	***Conf Risk:***	L
Date Reported:	2013/10/02 00:00:00+00	***RRA Date:***	2014/11/04 00:00:00+00
Land Use:	RES	***RRA Risk:***	L
LUR Filed:	2008/02/26 00:00:00+00	***RRA Rank Curr:***	40
LUR Resc:		***RRA Abate:***	R
LUR State:	B	***Risk:***	L
X:	2335374.04817039	***RRA Rank:***	0040
Y:	181046.383836314	***MGR:***	VM
Comm:	C		
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7802%2A%22%7D		

Object ID: 33736

RUST Data

MGR:	VM	**LUR Resc:**	
RO Code:	WIL	**LUR State:**	B
Date Reported:	2013/10/02 00:00:00+00	**SL MGR:**	
Date Reported FY:	2014	**SL Cleanup Strt Dt:**	
Date Occured FY:	2014	**SL Cleanup End Dt:**	
Comm:	C	**SL Site Stat:**	
Reg:	R	**SL Ftfrecdte:**	
Perccomfndelig:	100	**CD NO:**	663
TOT Paid:	9292.36	**RRA Date:**	2014/11/04 00:00:00+00
Conf Risk:	L	**RRA Risk:**	L
Risk:	L	**RRA Rank Curr:**	40
Landuse:	RES	**RRA Abate:**	R
Inc Stat:	Closed	**RRA Rank:**	0040
Closeout FY:	2016	**X:**	2335374.04804881
LUR Filed:	2008/02/26 00:00:00+00	**Y:**	181046.383758083

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7802%2A%22%7D

Comment: There was an incident at this site previous and closed incident #17907. Those tanks were removed from the east side of the tank and the tanks that were removed for this incidnet were on the west side of the store. Soil samples showed new contamination **Note: Many records provided by the department have a truncated [Comment] field.

LUST Database

MGR:	VM	**Contact:**	MITCH ROSE
Regional Office Cd:	WIL	**Telephone:**	9103955300
Date Reported:	10/1/2013	**RP Address:**	P.O. BOX 3227
Release Code:	0	**RP City:**	WILMINGTON
Release Code Desc:		**RP State:**	NC
Source:	3	**RP Zip Code:**	28406
Source Desc:	LEAK, UST	**RP County:**	
Site Priority:		**RP Email:**	
Pollutant Type:	3	**RP Email1:**	
Pollutant Desc:	GASOLINE/DIESEL/KEROSENE	**RP Owner:**	TRUE
Petroleum Type:	P	**RP Operator:**	TRUE
Petrol Type Desc:	PETROLEUM	**RP Land Owner:**	TRUE
COMM:	C	**Lur Status:**	
COMM Desc:	COMMERCIAL	**LUR Filed:**	2/25/2008
Regulated Code:	R	**LUR Resc:**	
Reg Code Desc:	REGULATED	**LUR State:**	B
Notice Rg Rq Issd:		**GPS Conf:**	31
Notice Violtn Issd:		**RBCA GW:**	G2
Contamination:	GW	**RBCA GW Desc:**	Cleanups to alternate standards
Cleanup:	10/1/2013	**RBCA:**	S1
Conf Risk:	L	**RBCA Desc:**	Residential
Risk:	L	**CD No:**	663
Land Use:	RES	**Reel No:**	0
Land Use Desc:	Residential	**ERR CD:**	NO
Phase Reqrd:		**Valid:**	TRUE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:	0	**New Source:**	
MTBE 1:	Y	**Book:**	
RP Company:	GPM SOUTHEAST, LLC	**Page:**	
HCS Ref:	Google Earth		
Comment:			

There was an incident at this site previous and closed incident #17907. Those tanks were removed from the east side of the tank and the tanks that were removed for this incidnet were on the west side of the store. Soil samples showed new contamination from these tanks Waiting on DOT approval for wells to be drilled in the right of way of the road. This means the LSA will be delayed until March or later. VM 12/4/2013 NFA sent out conditional waiting on the PN for the final NFA, NRP that was used to place the NFA was placed on parcel from incident 17907///pulled for archiving 9/28/2016 WER/// CD 663 **Note: Many records provided by the department have a truncated [Comment] field.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
14	3 of 5	SE	0.32 / 1,707.94	40.53 / 6	Scotchman #3261 4412 Market Street Wilmington NC	LUST TRUST

Incident No: 32877
Facility ID: 0-020185
Site County: New Hanover
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Details

Archive Submit No:	NA	**3rd Party Deduct:**	$0.00
CD No:	NA	**Sum 3rd Party Amts:**	$0.00
UST No:	WI-7802	**Deduct Determine:**	0
Priority Rank:		**Deductible Amount:**	$20,000.00
Priority Rank Desc:		**Deductible Reason1:**	
Site Eligible?:	Yes	**Deductible Reason2:**	
% Commercial Fund:	1.0	**Inel App:**	
Reimbursement Form:	Yes		

Site Note: Commercial; $20,000 deductible; 100% eligible for costs that exceed the $20,000 deductible.[CGS 1/21/15]

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
14	4 of 5	SE	0.32 / 1,707.94	40.53 / 6	GAS WORLD #1 4412 MARKET ST. WILMINGTON NC	LUR

Prj No:	WI-1511	**Certification:**	None
Prj Status:	No Further Action	**Deed Bk:**	
Contam Src:	UST System	**Deed Pg:**	
Instrument Status:	Effective	**Plat Bk:**	
Instrument:	Notice and Restriction	**Plat Pg:**	
Rec Date:	2/24/2008	**Plat Link 1:**	
Plat Rec Date:		**Deed Link 1:**	Recorded Document Link
Deed Date:	Recorded 2-24-2008	**Prj County:**	New Hanover
Plat Date:		**X:**	2335303.3642566353
Restricted Media:	Groundwater Only	**Y:**	181069.1915334761
Allowed Use:	Media Restrictions Only		
COC:	Multi COC		
DWM Program:	Underground Storage Tank Section		
Deed:			
Plat:			
DWM Contact:	Wilmington Regional Office (910) 796-7215		
Deed Link:	https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-1511%2A%22%7D		
Plat Link URL:			
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
14	5 of 5	SE	0.32 / 1,707.94	40.53 / 6	SCOTCHMAN#3261 4412 MARKET STREET WILMINGTON NC	LUR

Prj No:	WI-7802	**Certification:**	None
Prj Status:	No Further Action	**Deed Bk:**	
Contam Src:	UST System	**Deed Pg:**	
Instrument Status:	Effective	**Plat Bk:**	
Instrument:	Notice and Restriction	**Plat Pg:**	
Rec Date:	2/24/2008	**Plat Link 1:**	
Plat Rec Date:		**Deed Link 1:**	Recorded Document Link
Deed Date:	Recorded 2-24-2008	**Prj County:**	New Hanover
Plat Date:		**X:**	2335373.323762387
Restricted Media:	Multi-Media	**Y:**	181048.83921197057

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Allowed Use: Media Restrictions Only
COC: Multi COC
DWM Program: Underground Storage Tank Section
Deed:
Plat:
DWM Contact: Wilmington Regional Office (910) 796-7215
Deed Link: https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7802%2A%22%7D
Plat Link URL:
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

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15	1 of 2	ENE	0.32 / 1,710.11	35.53 / 1	**Newell Property (former)** **513 N. Kerr Avenue** **Wilmington NC**	LUST TRUST

Incident No: 21122
Facility ID: 0-020252
Site County: New Hanover
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Details

Archive Submit No:
CD No:
UST No: WI-1783
Priority Rank:
Priority Desc:
Site Eligible?: Yes
% Commercial Fund: 0.0
Reimbursement Form: No
3rd Party Deduct: $0.00
Sum 3rd Party Amts: $0.00
Deduct Determine: 0
Deductible Amount: $0.00
Deductible Reason1:
Deductible Reason2:
Inel App:
Site Note: Incident #21104 was used to process claims until WIRO notified us that the correct # is 21122. PLEASE NOTE: Transfer of eligibility from C.R. Newell to Jes Skip Properties, LLC [CGS 02/19/07].

15	2 of 2	ENE	0.32 / 1,710.11	35.53 / 1	**NEWELL RESIDENCE** **513 NORTH KERR AVE.** **WILMINGTON NC**	LUR

Prj No: WI-1783
Prj Status: No Further Action
Contam Src: UST System
Instrument Status: Effective
Instrument: Notice and Restriction
Rec Date: 2/28/2008
Plat Rec Date:
Deed Date: Recorded 2-28-2008
Plat Date:
Restricted Media: Groundwater Only
Allowed Use: Media Restrictions Only
Certification: None
Deed Bk:
Deed Pg:
Plat Bk:
Plat Pg:
Plat Link 1:
Deed Link 1: Recorded Document Link
Prj County: New Hanover
X: 2335361.9737194628
Y: 183470.16474989057
COC: Multi COC
DWM Program: Underground Storage Tank Section
Deed:
Plat:
DWM Contact: Wilmington Regional Office (910) 796-7215
Deed Link: https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-1783%2A%22%7D
Plat Link URL:
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

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16	1 of 2	SE	0.33 /	40.48 /	**NORTH 17 SHOPPING CENTER**	LUST

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
			1,743.13	6	4410 MARKET ST. WILMINGTON NC 28403	

Incdnt No (DWM Map):	32431	**Incident No:**	32431
Fac ID (DWM Map):	00-0-0000035623	**Facility ID:**	00-0-0000035623
UST No (DWM Map):	WI-305	**UST No:**	WI-305
Curr Stat (DWM Map):	Archived	**Current Status:**	A
Close Out(DWMMap):	2007/10/24 00:00:00+00	**Status Title:**	Archived
Dt Occur (DWM Map):	2007/09/12 00:00:00+00	**Close Out:**	10/23/2007
Incident (DWM Map):	NORTH 17 SHOPPING CENTER	**Date Occurred:**	9/11/2007
Address (DWM Map):	4410 MARKET ST.	**Contam Type:**	Groundwater/Both
County (DWM Map):	NEW H	**Cleanup:**	9/11/2007
City (DWM Map):	WILMINGTON	**County:**	NEW H
Zip Code (DWM Map):	28403	**Latitude:**	34.241466
Latitude (DWM Map):	34.241466	**Longitude:**	-77.891116
Long (DWM Map):	-77.891116		

Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (STATUS)

Incident Details

Release Code:	3	**Samples Include:**	
Release Cause:		**7.5 Min Quad:**	
Release Source:		**5 Min Quad:**	
Type:	3	**Submitted Date:**	19-Sep-2007 00:00:00
Location:	8	**I Ownership:**	4
Site Priority:		**Owner Operator:**	
Priority Update:		**Ownership:**	4
Source Type:	P	**Ownership Desc:**	Private
ERR Type:		**Operation Type:**	6
Wells Affected Y/N:	N	**Operation Desc:**	Commercial
Wells Affected:		**PIRF Min Soil:**	
Samples Taken By:	Y		

Description of Incident: Two 1000 gal. USTs registered at location. One UST removed; clean closure. One UST not found but contamination discovered.

Incident Report

Report Type:	CLO	**Approved Date:**	03-Oct-2007 00:00:00
Request Date:		**Implement Date:**	
Received Date:	19-Sep-2007 00:00:00	**Due Date:**	
Reviewed Date:	03-Oct-2007 00:00:00		
PRT ID:	1084188		
Report Type Description:	Closure Report		
Comment:			

Two UST. Only one removed during closure. Petroleum contamination discovered in separate area but no USTfound.

Report Type:	LSA1	**Approved Date:**	03-Oct-2007 00:00:00
Request Date:		**Implement Date:**	
Received Date:	26-Sep-2007 00:00:00	**Due Date:**	
Reviewed Date:	03-Oct-2007 00:00:00		
PRT ID:	1084189		
Report Type Description:	Limited Site Assmt Phase 1		
Comment:			

Groundwater above 2L and soil above residential mscc. NRP required before close out.

Report Type:	PN	**Approved Date:**	25-Nov-2007 00:00:00
Request Date:		**Implement Date:**	
Received Date:	07-Nov-2007 00:00:00	**Due Date:**	

Reviewed Date: 25-Nov-2007 00:00:00
PRT ID: 1084236
Report Type Description: Public Notification
Comment:

Report Type: DR
Request Date:
Received Date: 29-Oct-2007 00:00:00
Reviewed Date: 29-Oct-2007 00:00:00
PRT ID: 1084237
Report Type Description: Deed Recordation
Comment:
Approved Date: 29-Oct-2007 00:00:00
Implement Date:
Due Date:

BK:5245 // PG:861-867 **Note: Many records provided by the department have a truncated [Comment] field.

Incident Status

Last Modified: 23-Oct-2007 00:00:00
Incident Phase: CO
Incid Phase Desc: Close Out
NOV Issued:
NORR Issued:
45 Day Report:
Public Meeting Held:
Corrective Act Plan:
SOC Signed:
Reclassification Rep:
RS Designation:
Closure Req Date:

UST Incidents

RO Code: WIL
CD No: 429
Date Reported: 2007/09/20 00:00:00+00
Land Use: IND
LUR Filed: 2007/10/30 00:00:00+00
LUR Resc:
LUR State: G
X: 2335150.43903755
Y: 180742.886411816
Comm: C
Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-305%2A%22%7D
Object ID: 33301
Reg: R
Conf Risk: L
RRA Date:
RRA Risk:
RRA Rank Curr: 0
RRA Abate:
Risk: L
RRA Rank:
MGR: JDP

RUST Data

MGR: JDP
RO Code: WIL
Date Reported: 2007/09/20 00:00:00+00
Date Reported FY: 2007
Date Occured FY: 2007
Comm: C
Reg: R
Perccomfndelig:
TOT Paid:
Conf Risk: L
Risk: L
Landuse: IND
Inc Stat: Closed
Closeout FY: 2008
LUR Filed: 2007/10/30 00:00:00+00
Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-305%2A%22%7D
Comment: File pulled for archiving in 9/2011 by SAK.
LUR Resc:
LUR State: G
SL MGR:
SL Cleanup Strt Dt:
SL Cleanup End Dt:
SL Site Stat:
SL Ftfrecdte:
CD NO: 429
RRA Date:
RRA Risk:
RRA Rank Curr: 0
RRA Abate:
RRA Rank:
X: 2335150.43915237
Y: 180742.886347392

LUST Database

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

MGR:	JDP	**Contact:**	ED WORRELL
Regional Office Cd:	WIL	**Telephone:**	9106866050
Date Reported:	9/19/2007	**RP Address:**	166 NORTH HILLS DRIVE
Release Code:	0	**RP City:**	WILMINGTON
Release Code Desc:		**RP State:**	NC
Source:	3	**RP Zip Code:**	28411
Source Desc:	LEAK, UST	**RP County:**	
Site Priority:		**RP Email:**	
Pollutant Type:	3	**RP Email1:**	
Pollutant Desc:	GASOLINE/DIESEL/KEROSENE	**RP Owner:**	TRUE
Petroleum Type:	P	**RP Operator:**	FALSE
Petrol Type Desc:	PETROLEUM	**RP Land Owner:**	TRUE
COMM:	C	**Lur Status:**	
COMM Desc:	COMMERCIAL	**LUR Filed:**	10/29/2007
Regulated Code:	R	**LUR Resc:**	
Reg Code Desc:	REGULATED	**LUR State:**	G
Notice Rg Rq Issd:		**GPS Conf:**	90
Notice Violtn Issd:		**RBCA GW:**	G2
Contamination:	GW	**RBCA GW Desc:**	Cleanups to alternate standards
Cleanup:	9/11/2007	**RBCA:**	S3
Conf Risk:	L	**RBCA Desc:**	Soil to Groundwater
Risk:	L	**CD No:**	429
Land Use:	IND	**Reel No:**	305
Land Use Desc:	Industrial	**ERR CD:**	
Phase Reqrd:	1	**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:		**New Source:**	
MTBE 1:	N	**Book:**	
RP Company:	NORTH 17 SHOPPING CENTER PARTN	**Page:**	
HCS Ref:	RP Supplied		
Comment:			

File pulled for archiving in 9/2011 by SAK.

16	*2 of 2*	*SE*	*0.33 / 1,743.13*	*40.48 / 6*	***NORTH 17 SHOPPING CENTER*** ***4410 MARKET ST.*** ***WILMINGTON NC***	***LUR***

Prj No:	WI-305	**Certification:**	None
Prj Status:	No Further Action	**Deed Bk:**	
Contam Src:	UST System	**Deed Pg:**	
Instrument Status:	Effective	**Plat Bk:**	
Instrument:	Notice and Restriction	**Plat Pg:**	
Rec Date:	10/28/2007	**Plat Link 1:**	
Plat Rec Date:		**Deed Link 1:**	Recorded Document Link
Deed Date:	Recorded 10-28-2007	**Prj County:**	New Hanover
Plat Date:		**X:**	2335149.7149576396
Restricted Media:	Groundwater Only	**Y:**	180745.34178747237
Allowed Use:	Media Restrictions Only		
COC:	Multi COC		
DWM Program:	Underground Storage Tank Section		
Deed:			
Plat:			
DWM Contact:	Wilmington Regional Office (910) 796-7215		
Deed Link:	https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-305%2A%22%7D		
Plat Link URL:			
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		

17	*1 of 1*	*SW*	*0.34 / 1,803.15*	*38.83 / 5*	***ATLANTIC SHORES DIST.*** ***3801 MARKET ST.***	***LUST***

Incdnt No (DWM Map):		**Incident No:**	
Fac ID (DWM Map):		**Facility ID:**	
UST No (DWM Map):	WI-21	**UST No:**	WI-21
Curr Stat (DWM Map):	Archived	**Current Status:**	A
Close Out(DWMMap):	1991/06/09 00:00:00+00	**Status Title:**	Archived
Dt Occur (DWM Map):	1991/06/09 00:00:00+00	**Close Out:**	6/8/1991
Incident (DWM Map):	ATLANTIC SHORES DIST.	**Date Occurred:**	6/8/1991
Address (DWM Map):	3801 MARKET ST.	**Contam Type:**	
County (DWM Map):	NEW H	**Cleanup:**	6/8/1991
City (DWM Map):	WILMINGTON	**County:**	NEW H
Zip Code (DWM Map):		**Latitude:**	34.225725
Latitude (DWM Map):	34.225725	**Longitude:**	-77.94471
Long (DWM Map):	-77.94471		

Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB)

UST Incidents

RO Code:	WIL	**Reg:**	R
CD No:	580	**Conf Risk:**	L
Date Reported:	1991/06/09 00:00:00+00	**RRA Date:**	
Land Use:		**RRA Risk:**	
LUR Filed:		**RRA Rank Curr:**	0
LUR Resc:		**RRA Abate:**	
LUR State:		**Risk:**	
X:	2319013.68719038	**RRA Rank:**	
Y:	174837.827027723	**MGR:**	NPM
Comm:	C		

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-21%2A%22%7D

Object ID: 10003

RUST Data

MGR:	NPM	**LUR Resc:**	
RO Code:	WIL	**LUR State:**	
Date Reported:	1991/06/09 00:00:00+00	**SL MGR:**	
Date Reported FY:	1991	**SL Cleanup Strt Dt:**	
Date Occured FY:	1991	**SL Cleanup End Dt:**	
Comm:	C	**SL Site Stat:**	
Reg:	R	**SL Ftfrecdte:**	
Perccomfndelig:		**CD NO:**	580
TOT Paid:		**RRA Date:**	
Conf Risk:	L	**RRA Risk:**	
Risk:		**RRA Rank Curr:**	0
Landuse:		**RRA Abate:**	
Inc Stat:	Closed	**RRA Rank:**	
Closeout FY:	1991	**X:**	2319013.6870982
LUR Filed:		**Y:**	174837.827149998

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-21%2A%22%7D

Comment: Status update review conducted by LEB, NFA letter drafted 5/30/2012 Pulled for archiving on 4/27/2015 **Note: Many records provided by the department have a truncated [Comment] field.

LUST Database

MGR:	NPM	**Contact:**	
Regional Office Cd:	WIL	**Telephone:**	
Date Reported:	6/8/1991	**RP Address:**	
Release Code:	0	**RP City:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Release Code Desc:		**RP State:**	
Source:		**RP Zip Code:**	
Source Desc:		**RP County:**	
Site Priority:		**RP Email:**	
Pollutant Type:		**RP Email1:**	
Pollutant Desc:		**RP Owner:**	FALSE
Petroleum Type:		**RP Operator:**	FALSE
Petrol Type Desc:		**RP Land Owner:**	FALSE
COMM:	C	**Lur Status:**	
COMM Desc:	COMMERCIAL	**LUR Filed:**	
Regulated Code:	R	**LUR Resc:**	
Reg Code Desc:	REGULATED	**LUR State:**	
Notice Rg Rq Issd:		**GPS Conf:**	99
Notice Violtn Issd:		**RBCA GW:**	
Contamination:		**RBCA GW Desc:**	
Cleanup:	6/8/1991	**RBCA:**	
Conf Risk:	L	**RBCA Desc:**	
Risk:		**CD No:**	580
Land Use:		**Reel No:**	0
Land Use Desc:		**ERR CD:**	
Phase Reqrd:		**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:		**New Source:**	
MTBE 1:	U	**Book:**	
RP Company:		**Page:**	
HCS Ref:			
Comment:			

Status update review conducted by LEB, NFA letter drafted 5/30/2012 Pulled for archiving on 4/27/2015 **Note: Many records provided by the department have a truncated [Comment] field.

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18 | ***1 of 1*** | ***SW*** | ***0.34 / 1,816.50*** | ***38.43 / 4*** | ***CAMPBELL, DORIS***
3805 MARKET ST. (WAS3803-3804)
WILMINGTON NC 284031401 | ***LUST***

Incdnt No (DWM Map):	43025	**Incident No:**	43025
Fac ID (DWM Map):		**Facility ID:**	
UST No (DWM Map):	WI-34	**UST No:**	WI-34
Curr Stat (DWM Map):	Current Record	**Current Status:**	C
Close Out(DWMMap):	2019/02/20 00:00:00+00	**Status Title:**	Current Record
Dt Occur (DWM Map):	1993/10/14 00:00:00+00	**Close Out:**	2/19/2019
Incident (DWM Map):	CAMPBELL, DORIS	**Date Occurred:**	10/13/1993
Address (DWM Map):	3805 MARKET ST. (WAS3803-3804)	**Contam Type:**	Soil
County (DWM Map):	NEW H	**Cleanup:**	10/13/1993
City (DWM Map):	WILMINGTON	**County:**	NEW H
Zip Code (DWM Map):	284031401	**Latitude:**	34.24122
Latitude (DWM Map):	34.24122	**Longitude:**	-77.899422
Long (DWM Map):	-77.899422		

Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (STATUS)

Incident Details

Release Code:	2	**Samples Include:**	
Release Cause:	7	**7.5 Min Quad:**	
Release Source:	G	**5 Min Quad:**	
Type:	3	**Submitted Date:**	
Location:	1	**I Ownership:**	4

Site Priority:		**Owner Operator:**	
Priority Update:		**Ownership:**	4
Source Type:	P	**Ownership Desc:**	Private
ERR Type:		**Operation Type:**	6
Wells Affected Y/N:	N	**Operation Desc:**	Commercial
Wells Affected:		**PIRF Min Soil:**	
Samples Taken By:	Y		

Description of Incident: Contaminated soil was encountered during tank removal. Some of the soil was landfarmed on site under a Certificate of Approval.

Incident Report

Report Type:	CLO	**Approved Date:**	
Request Date:		**Implement Date:**	
Received Date:	13-Oct-1993 00:00:00	**Due Date:**	
Reviewed Date:			
PRT ID:	1091543		
Report Type Description:	Closure Report		
Comment:			

attached to a Certificate of Approval to landfarm 50 cubic yards or less of soil containing petroleum products.

Report Type:	OTH	**Approved Date:**	14-Sep-1993 00:00:00
Request Date:		**Implement Date:**	
Received Date:	13-Sep-1993 00:00:00	**Due Date:**	
Reviewed Date:	14-Sep-1993 00:00:00		
PRT ID:	1091546		
Report Type Description:	Other (Comments Required)		
Comment:			

Notice of Intent **Note: Many records provided by the department have a truncated [Comment] field.

Incident Status

Last Modified:	19-Feb-2019 00:00:00	**Public Meeting Held:**	
Incident Phase:	CO	**Corrective Act Plan:**	
Incid Phase Desc:	Close Out	**SOC Signed:**	
NOV Issued:		**Reclassification Rep:**	
NORR Issued:		**RS Designation:**	
45 Day Report:		**Closure Req Date:**	

UST Incidents

RO Code:	WIL	**Reg:**	R
CD No:	0	**Conf Risk:**	L
Date Reported:	1993/10/14 00:00:00+00	**RRA Date:**	
Land Use:	IND	**RRA Risk:**	
LUR Filed:		**RRA Rank Curr:**	0
LUR Resc:		**RRA Abate:**	
LUR State:	G	**Risk:**	U
X:	2332641.12548664	**RRA Rank:**	
Y:	180625.425032556	**MGR:**	STF
Comm:	C		

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-34%2A%22%7D

Object ID: 40526

RUST Data

MGR:	STF	**LUR Resc:**	
RO Code:	WIL	**LUR State:**	G
Date Reported:	1993/10/14 00:00:00+00	**SL MGR:**	HO
Date Reported FY:	1994	**SL Cleanup Strt Dt:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Date Occured FY:	1994	**SL Cleanup End Dt:**	
Comm:	C	**SL Site Stat:**	Closed
Reg:	R	**SL Ftfrecdte:**	2015/05/26 00:00:00+00
Perccomfndelig:		**CD NO:**	0
TOT Paid:		**RRA Date:**	
Conf Risk:	L	**RRA Risk:**	
Risk:	U	**RRA Rank Curr:**	0
Landuse:	IND	**RRA Abate:**	
Inc Stat:	Closed	**RRA Rank:**	
Closeout FY:	2019	**X:**	2332641.12549133
LUR Filed:		**Y:**	180625.425022003

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-34%2A%22%7D

Comment: soil sample results indicated 48, 63, and 50 ppm as TPH-gasoline per EPA Method 5030. The three 1.000 gallon UST's were right beside Market Street. Doris Campbell and her sister inherited this property. They paid to have the 3- 1,000 gallon USTs remov **Note: Many records provided by the department have a truncated [Comment] field.

LUST Database

MGR:	STF	**Contact:**	DORIS CAMPBELL
Regional Office Cd:	WIL	**Telephone:**	
Date Reported:	10/13/1993	**RP Address:**	3660 WILLDCAT RUN
Release Code:	0	**RP City:**	LAKELAND
Release Code Desc:		**RP State:**	FL
Source:	3	**RP Zip Code:**	33809
Source Desc:	LEAK, UST	**RP County:**	
Site Priority:		**RP Email:**	
Pollutant Type:	3	**RP Email1:**	
Pollutant Desc:	GASOLINE/DIESEL/KEROSENE	**RP Owner:**	FALSE
Petroleum Type:	P	**RP Operator:**	FALSE
Petrol Type Desc:	PETROLEUM	**RP Land Owner:**	TRUE
COMM:	C	**Lur Status:**	
COMM Desc:	COMMERCIAL	**LUR Filed:**	
Regulated Code:	R	**LUR Resc:**	
Reg Code Desc:	REGULATED	**LUR State:**	G
Notice Rg Rq Issd:		**GPS Conf:**	31
Notice Violtn Issd:		**RBCA GW:**	G2
Contamination:	SL	**RBCA GW Desc:**	Cleanups to alternate standards
Cleanup:	10/13/1993	**RBCA:**	S1
Conf Risk:	L	**RBCA Desc:**	Residential
Risk:	U	**CD No:**	0
Land Use:	IND	**Reel No:**	0
Land Use Desc:	Industrial	**ERR CD:**	
Phase Reqrd:		**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:		**New Source:**	
MTBE 1:	U	**Book:**	
RP Company:		**Page:**	
HCS Ref:	Google Earth		
Comment:			

soil sample results indicated 48, 63, and 50 ppm as TPH-gasoline per EPA Method 5030. The three 1.000 gallon UST's were right beside Market Street. Doris Campbell and her sister inherited this property. They paid to have the 3- 1,000 gallon USTs removed in 1993. Property has changed hands since. The Army Corps of Engineers leased the property and operated the tanks from about 1972-1976. It was a 76 station prior to this. Road expansion since 1993? State-Lead submittal on 5.4.2016. State-Lead has accepted. Hassan is the pm. Their contractor is performing a receptor survey.

19	***1 of 1***	***ENE***	***0.35 / 1,866.03***	***37.24 / 3***	***N. Kerr Ave - 504*** ***504 North Kerr Ave*** ***Wilmington NC 28405***	***LUST***

Incdnt No (DWM Map):	43176	**Incident No:**	43176
Fac ID (DWM Map):		**Facility ID:**	

UST No (DWM Map):	WI-8187	***UST No:***	WI-8187
Curr Stat (DWM Map):	Current Record	***Current Status:***	C
Close Out(DWMMap):	2019/08/16 00:00:00+00	***Status Title:***	Current Record
Dt Occur (DWM Map):	2018/03/08 00:00:00+00	***Close Out:***	8/15/2019
Incident (DWM Map):	N. Kerr Ave - 504	***Date Occurred:***	3/7/2018
Address (DWM Map):	504 North Kerr Ave	***Contam Type:***	Groundwater/Both
County (DWM Map):	NEW H	***Cleanup:***	3/7/2018
City (DWM Map):	Wilmington	***County:***	NEW H
Zip Code (DWM Map):	28405	***Latitude:***	34.248104
Latitude (DWM Map):	34.248104	***Longitude:***	-77.889216
Long (DWM Map):	-77.889216		

Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (STATUS)

Incident Details

Release Code:	2	***Samples Include:***	
Release Cause:	7	***7.5 Min Quad:***	
Release Source:	A	***5 Min Quad:***	
Type:	4	***Submitted Date:***	
Location:	7	***I Ownership:***	4
Site Priority:		***Owner Operator:***	
Priority Update:		***Ownership:***	4
Source Type:	P	***Ownership Desc:***	Private
ERR Type:		***Operation Type:***	3
Wells Affected Y/N:	N	***Operation Desc:***	Residential
Wells Affected:		***PIRF Min Soil:***	
Samples Taken By:	Y		
Description of Incident:			

Incident Report

Report Type:	LSA1	***Approved Date:***	12-Jun-2019 00:00:00
Request Date:		***Implement Date:***	
Received Date:	12-Jun-2019 00:00:00	***Due Date:***	
Reviewed Date:			
PRT ID:	1091880		
Report Type Description:	Limited Site Assmt Phase 1		
Comment:			

GW above 2L (below GCLs)
Soil below action levels
NRP needed on GW only **Note: Many records provided by the department have a truncated [Comment] field.

Report Type:	DR	***Approved Date:***	09-Aug-2019 00:00:00
Request Date:		***Implement Date:***	
Received Date:	05-Aug-2019 00:00:00	***Due Date:***	
Reviewed Date:			
PRT ID:	1091931		
Report Type Description:	Deed Recordation		
Comment:			

NRP filed 7/31/2019 Deed book 6234.//.Page 2002-2007 **Note: Many records provided by the department have a truncated [Comment] field.

Report Type:	PN	***Approved Date:***	15-Aug-2019 00:00:00
Request Date:		***Implement Date:***	
Received Date:	14-Aug-2019 00:00:00	***Due Date:***	
Reviewed Date:			
PRT ID:	1091943		
Report Type Description:	Public Notification		
Comment:			

NFA **Note: Many records provided by the department have a truncated [Comment] field.

Incident Status

Last Modified:	15-Aug-2019 00:00:00	***Public Meeting Held:***	
Incident Phase:	CO	***Corrective Act Plan:***	
Incid Phase Desc:	Close Out	***SOC Signed:***	
NOV Issued:		***Reclassification Rep:***	
NORR Issued:		***RS Designation:***	
45 Day Report:		***Closure Req Date:***	

UST Incidents

RO Code:	WIL	***Reg:***	N
CD No:	0	***Conf Risk:***	L
Date Reported:	2019/06/13 00:00:00+00	***RRA Date:***	
Land Use:		***RRA Risk:***	
LUR Filed:	2019/08/01 00:00:00+00	***RRA Rank Curr:***	0
LUR Resc:		***RRA Abate:***	
LUR State:	G	***Risk:***	L
X:	2335697.64069906	***RRA Rank:***	
Y:	183165.000005901	***MGR:***	LEP
Comm:	N		
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-8187%2A%22%7D		
Object ID:	40676		

RUST Data

MGR:	LEP	***LUR Resc:***	
RO Code:	WIL	***LUR State:***	G
Date Reported:	2019/06/13 00:00:00+00	***SL MGR:***	
Date Reported FY:	2019	***SL Cleanup Strt Dt:***	
Date Occured FY:	2018	***SL Cleanup End Dt:***	
Comm:	N	***SL Site Stat:***	
Reg:	N	***SL Ftfrecdte:***	
Perccomfndelig:		***CD NO:***	0
TOT Paid:		***RRA Date:***	
Conf Risk:	L	***RRA Risk:***	
Risk:	L	***RRA Rank Curr:***	0
Landuse:		***RRA Abate:***	
Inc Stat:	Closed	***RRA Rank:***	
Closeout FY:	2019	***X:***	2335697.64062069
LUR Filed:	2019/08/01 00:00:00+00	***Y:***	183165.000030686
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-8187%2A%22%7D		
Comment:	GW above 2L (below GCLs). Soil below action levels. NRP needed on GW only. NRP filed 7/31/2019 Deed book 6234.//.Page 2002-2007. NFA **Note: Many records provided by the department have a truncated [Comment] field.		

LUST Database

MGR:	LEP	***Contact:***	Jane Weisbecker Arnone, Esq.
Regional Office Cd:	WIL	***Telephone:***	
Date Reported:	6/12/2019	***RP Address:***	350 Bedford Street, Suite 201
Release Code:	0	***RP City:***	Stamford
Release Code Desc:		***RP State:***	CT
Source:	3	***RP Zip Code:***	06901
Source Desc:	LEAK, UST	***RP County:***	
Site Priority:		***RP Email:***	
Pollutant Type:	4	***RP Email1:***	
Pollutant Desc:	HEATING OIL	***RP Owner:***	TRUE
Petroleum Type:	P	***RP Operator:***	FALSE
Petrol Type Desc:	PETROLEUM	***RP Land Owner:***	FALSE
COMM:	N	***Lur Status:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

COMM Desc:	NON COMMERCIAL	**LUR Filed:**	7/31/2019
Regulated Code:	N	**LUR Resc:**	
Reg Code Desc:	NON REGULATED	**LUR State:**	G
Notice Rg Rq Issd:		**GPS Conf:**	31
Notice Violtn Issd:		**RBCA GW:**	G2
Contamination:	GW	**RBCA GW Desc:**	Cleanups to alternate standards
Cleanup:	3/7/2018	**RBCA:**	S3
Conf Risk:	L	**RBCA Desc:**	Soil to Groundwater
Risk:	L	**CD No:**	0
Land Use:		**Reel No:**	0
Land Use Desc:		**ERR CD:**	NO
Phase Reqrd:		**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:	0	**New Source:**	
MTBE 1:	U	**Book:**	
RP Company:	North Kerr Ave Holdings, LLC	**Page:**	
HCS Ref:	Google Earth		
Comment:			

GW above 2L (below GCLs). Soil below action levels. NRP needed on GW only. NRP filed 7/31/2019 Deed book 6234.//.Page 2002-2007. NFA **Note: Many records provided by the department have a truncated [Comment] field.

20	1 of 1	SE	0.38 / 2,021.76	40.95 / 7	**Coastal Cleaners** **7 S Kerr Ave, Wilmington 28405** **NC**	DRYC DSCA

Site ID:	DC650009	**X:**	-77.889422
Inl Site ID No:		**Y:**	34.2418940000001
NFA Issued Date:	7/7/2016	**County:**	New Hanover
Site Listed In:	DryCleaning Remediation Unit's site inventory (NCDEQ Online GIS); DryCleaning Contaminated (NCDEQ Online GIS); Sites Certified in the DSCA Program; Sites Identified by DEQ with Possible Drycleaning Solvent Contamination; No Further Action Sites		
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		

Drycleaning Remediation and Contamination Details

Certified:	05/13/2008	**Phone:**	(919)707-8367
Status:	NFA	**Loc Type:**	Contaminated
Status Contaminatn:	NFA	**Project Mgr Name:**	Jay King
Status Description:	Site is closed; No-further-action (NFA)		
Shopping Center:			

Contaminated Sites

Shopping Center:	
Jurisdiction:	DSCA
Jurisdiction Description:	Dry-Cleaning Solvent Cleanup Act Program
Doc Link:	

DSCA Sites Status

Certified:	05/13/2008	**Priority:**	
Status:	NFA	**Proj Mngr:**	Delonda Alexander
Rank:		**Phone:**	(919)707-8365
Shop Ctr:			
Status Desc:	Site is closed; No-further-action (NFA)		
Priority Desc:			
Rank Desc:			
Doc Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand={[WM]:[Program_ID]=%22DC650009%22}		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
21	1 of 1	SW	0.39 / 2,068.36	38.04 / 4	THE FURNITURE OUTLET 3722 & 3702 MARKET STREET WILMINGTON NC	LUR

Prj No:	WI-1008	**Certification:**	None
Prj Status:	No Further Action	**Deed Bk:**	
Contam Src:	UST System	**Deed Pg:**	
Instrument Status:	Effective	**Plat Bk:**	
Instrument:	Notice and Restriction	**Plat Pg:**	
Rec Date:	7/1/2015	**Plat Link 1:**	
Plat Rec Date:		**Deed Link 1:**	Recorded Document Link
Deed Date:	Recorded 7-1-2015	**Prj County:**	New Hanover
Plat Date:		**X:**	2332493.345926553
Restricted Media:	Multi-Media	**Y:**	180423.522221148
Allowed Use:	Media Restrictions Only		

COC: Multi COC
DWM Program: Underground Storage Tank Section
Deed:
Plat:
DWM Contact: Wilmington Regional Office (910) 796-7215
Deed Link: https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-1008%2A%22%7D
Plat Link URL:
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
22	1 of 1	SW	0.39 / 2,068.37	38.04 / 4	THE FURNITURE OUTLET 3722 & 3702 MARKET STREET WILMINGTON NC 28405	LUST

Incdnt No (DWM Map):	9080	**Incident No:**	9080
Fac ID (DWM Map):	00-0-0000001460	**Facility ID:**	00-0-0000001460
UST No (DWM Map):	WI-1008	**UST No:**	WI-1008
Curr Stat (DWM Map):	Archived	**Current Status:**	A
Close Out(DWMMap):	2015/07/10 00:00:00+00	**Status Title:**	Archived
Dt Occur (DWM Map):	1991/01/11 00:00:00+00	**Close Out:**	7/9/2015
Incident (DWM Map):	THE FURNITURE OUTLET	**Date Occurred:**	1/10/1991
Address (DWM Map):	3722 & 3702 MARKET STREET	**Contam Type:**	Groundwater/Both
County (DWM Map):	NEW H	**Cleanup:**	1/10/1991
City (DWM Map):	WILMINGTON	**County:**	NEW H
Zip Code (DWM Map):	28405	**Latitude:**	34.240663
Latitude (DWM Map):	34.240663	**Longitude:**	-77.899916
Long (DWM Map):	-77.899916		

Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx
Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (STATUS)

Incident Details

Release Code:		**Samples Include:**	1
Release Cause:		**7.5 Min Quad:**	
Release Source:		**5 Min Quad:**	DD30D
Type:	3	**Submitted Date:**	17-Sep-1992 00:00:00
Location:	1	**I Ownership:**	4
Site Priority:	100E	**Owner Operator:**	MULTIPLE SOURCES
Priority Update:		**Ownership:**	4
Source Type:		**Ownership Desc:**	Private
ERR Type:		**Operation Type:**	6
Wells Affected Y/N:	N	**Operation Desc:**	Commercial
Wells Affected:	0.0	**PIRF Min Soil:**	Pirf
Samples Taken By:	4		

Description of Incident: AN ENVIR. AUDIT SHOWED SOIL AND GW TO BE CONTAMINATED WITH PETROLEUM.

Incident Report

Report Type: CLO
Request Date:
Received Date: 20-Jan-2000 00:00:00
Reviewed Date:
PRT ID: 1083386
Report Type Description: Closure Report
Comment:

Approved Date:
Implement Date:
Due Date:

report was reviewed and approved. Excavated soil still behind the buidling?

Report Type: OTH
Request Date:
Received Date: 03-Dec-2007 00:00:00
Reviewed Date: 03-Dec-2007 00:00:00
PRT ID: 1084238
Report Type Description: Other (Comments Required)
Comment:

Approved Date:
Implement Date:
Due Date:

invoice showing contaminated soil removed from site **Note: Many records provided by the department have a truncated [Comment] field.

Incident Status

Last Modified: 09-Jul-2015 00:00:00
Incident Phase: CO
Incid Phase Desc: Close Out
NOV Issued:
NORR Issued:
45 Day Report:

Public Meeting Held:
Corrective Act Plan:
SOC Signed:
Reclassification Rep:
RS Designation:
Closure Req Date:

UST Incidents

RO Code: WIL
CD No: 611
Date Reported: 1992/06/26 00:00:00+00
Land Use: IND
LUR Filed: 2015/07/03 00:00:00+00
LUR Resc:
LUR State: B
X: 2332494.07066263
Y: 180421.066845477
Comm: C
Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-1008%2A%22%7D
Object ID: 14220

Reg: R
Conf Risk: L
RRA Date:
RRA Risk:
RRA Rank Curr: 0
RRA Abate:
Risk: L
RRA Rank:
MGR: BAR

RUST Data

MGR: BAR
RO Code: WIL
Date Reported: 1992/06/26 00:00:00+00
Date Reported FY: 1992
Date Occured FY: 1991
Comm: C
Reg: R
Perccomfndelig:
TOT Paid:
Conf Risk: L
Risk: L
Landuse: IND

LUR Resc:
LUR State: B
SL MGR: RP
SL Cleanup Strt Dt:
SL Cleanup End Dt: 1995/06/05 00:00:00+00
SL Site Stat: De-listed
SL Ftfrecdte: 1994/03/02 00:00:00+00
CD NO: 611
RRA Date:
RRA Risk:
RRA Rank Curr: 0
RRA Abate:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Inc Stat:	Closed	**RRA Rank:**	
Closeout FY:	2015	**X:**	2332494.07070137
LUR Filed:	2015/07/03 00:00:00+00	**Y:**	180421.066901396
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-1008%2A%22%7D		
Comment:	SEE TONY'S FOREIGN CAR SERVICE FILE, OTHER RP'S MAY EXIST, WAS FTF SITE. Notes in file dated 11/22/2006 explain what is needed for incident closure, which includes soil and gw sample, and possible NRP. This was explained to the current property owner at **Note: Many records provided by the department have a truncated [Comment] field.		

LUST Database

MGR:	BAR	**Contact:**	MR. SAM FARGNOLI
Regional Office Cd:	WIL	**Telephone:**	9107631009
Date Reported:	6/25/1992	**RP Address:**	3722 MARKET STREET
Release Code:	0	**RP City:**	WILMINGTON
Release Code Desc:		**RP State:**	NC
Source:	3	**RP Zip Code:**	28405
Source Desc:	LEAK, UST	**RP County:**	
Site Priority:	30/E	**RP Email:**	
Pollutant Type:	3	**RP Email1:**	
Pollutant Desc:	GASOLINE/DIESEL/KEROSENE	**RP Owner:**	FALSE
Petroleum Type:	P	**RP Operator:**	FALSE
Petrol Type Desc:	PETROLEUM	**RP Land Owner:**	TRUE
COMM:	C	**Lur Status:**	
COMM Desc:	COMMERCIAL	**LUR Filed:**	7/2/2015
Regulated Code:	R	**LUR Resc:**	
Reg Code Desc:	REGULATED	**LUR State:**	B
Notice Rg Rq Issd:		**GPS Conf:**	31
Notice Violtn Issd:		**RBCA GW:**	G2
Contamination:	GW	**RBCA GW Desc:**	Cleanups to alternate standards
Cleanup:	1/10/1991	**RBCA:**	S2
Conf Risk:	L	**RBCA Desc:**	Industrial/Commercial
Risk:	L	**CD No:**	611
Land Use:	IND	**Reel No:**	0
Land Use Desc:	Industrial	**ERR CD:**	
Phase Reqrd:		**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:	0	**New Source:**	
MTBE 1:	Y	**Book:**	
RP Company:	THE FURNITURE OUTLET	**Page:**	
HCS Ref:	google earth		
Comment:			

SEE TONY'S FOREIGN CAR SERVICE FILE, OTHER RP'S MAY EXIST, WAS FTF SITE. Notes in file dated 11/22/2006 explain what is needed for incident closure, which includes soil and gw sample, and possible NRP. This was explained to the current property owner at that time. NRP recorded on July 2, 2015---NFA. /// pulled for archive 2.29.2016 /// **Note: Many records provided by the department have a truncated [Comment] field.

23	**1 of 1**	**ESE**	**0.41 / 2,168.07**	**39.31 / 5**	**EL BERTA MOTEL 4505 MARKET STREET WILMINGTON NC 28401**	**LUST**

Incdnt No (DWM Map):		**Incident No:**	
Fac ID (DWM Map):		**Facility ID:**	
UST No (DWM Map):	WI-7415	**UST No:**	WI-7415
Curr Stat (DWM Map):	Archived	**Current Status:**	A
Close Out(DWMMap):	2009/01/28 00:00:00+00	**Status Title:**	Archived
Dt Occur (DWM Map):	2008/10/08 00:00:00+00	**Close Out:**	1/27/2009
Incident (DWM Map):	EL BERTA MOTEL	**Date Occurred:**	10/7/2008
Address (DWM Map):	4505 MARKET STREET	**Contam Type:**	None
County (DWM Map):	NEW H	**Cleanup:**	10/7/2008
City (DWM Map):	WILMINGTON	**County:**	NEW H

Zip Code (DWM Map):	28401	**Latitude:**	0
Latitude (DWM Map):	0	**Longitude:**	0
Long (DWM Map):	0		
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		
Data Source:	Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB)		

UST Incidents

RO Code:	WIL	**Reg:**	N
CD No:	462	**Conf Risk:**	L
Date Reported:	2008/11/20 00:00:00+00	**RRA Date:**	
Land Use:		**RRA Risk:**	
LUR Filed:		**RRA Rank Curr:**	0
LUR Resc:		**RRA Abate:**	
LUR State:		**Risk:**	L
X:	32888970.6354088	**RRA Rank:**	
Y:	-69513.2738360167	**MGR:**	LEP
Comm:	N		
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7415%2A%22%7D		
Object ID:	7282		

RUST Data

MGR:	LEP	**LUR Resc:**	
RO Code:	WIL	**LUR State:**	
Date Reported:	2008/11/20 00:00:00+00	**SL MGR:**	
Date Reported FY:	2009	**SL Cleanup Strt Dt:**	
Date Occured FY:	2009	**SL Cleanup End Dt:**	
Comm:	N	**SL Site Stat:**	
Reg:	N	**SL Ftfrecdte:**	
Perccomfndelig:		**CD NO:**	462
TOT Paid:		**RRA Date:**	
Conf Risk:	L	**RRA Risk:**	
Risk:	L	**RRA Rank Curr:**	0
Landuse:		**RRA Abate:**	
Inc Stat:	Closed	**RRA Rank:**	
Closeout FY:	2009	**X:**	32888970.6352937
LUR Filed:		**Y:**	-69513.2738257283
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7415%2A%22%7D		
Comment:	Filed with clean closure reports. File pulled for archiving on 9/13/2011 by LEB.		

LUST Database

MGR:	LEP	**Contact:**	MR. BILL MITCHENER
Regional Office Cd:	WIL	**Telephone:**	
Date Reported:	11/19/2008	**RP Address:**	PO BOX 3183
Release Code:	0	**RP City:**	WILMINGTON
Release Code Desc:		**RP State:**	NC
Source:	3	**RP Zip Code:**	28409
Source Desc:	LEAK, UST	**RP County:**	
Site Priority:		**RP Email:**	
Pollutant Type:	4	**RP Email1:**	
Pollutant Desc:	HEATING OIL	**RP Owner:**	FALSE
Petroleum Type:	P	**RP Operator:**	FALSE
Petrol Type Desc:	PETROLEUM	**RP Land Owner:**	FALSE
COMM:	N	**Lur Status:**	
COMM Desc:	NON COMMERCIAL	**LUR Filed:**	
Regulated Code:	N	**LUR Resc:**	
Reg Code Desc:	NON REGULATED	**LUR State:**	
Notice Rg Rq Issd:		**GPS Conf:**	99
Notice Violtn Issd:		**RBCA GW:**	G1
Contamination:	NO	**RBCA GW Desc:**	Cleanups to 2L.0202 standards

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Cleanup:	10/7/2008	**RBCA:**	S3
Conf Risk:	L	**RBCA Desc:**	Soil to Groundwater
Risk:	L	**CD No:**	462
Land Use:		**Reel No:**	7415
Land Use Desc:		**ERR CD:**	NO
Phase Reqrd:		**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:	0	**New Source:**	
MTBE 1:	U	**Book:**	
RP Company:	MARKET & KERR, LLC	**Page:**	
HCS Ref:			
Comment:			

Filed with clean closure reports. File pulled for archiving on 9/13/2011 by LEB.

24	1 of 1	ESE	0.42 / 2,227.22	39.89 / 6	**Coastal Cleaners** **5 South Kerr Avenue** **wilmington NC**	LUR

Prj No:	DC650009	**Certification:**	Annual
Prj Status:	NFA	**Deed Bk:**	5983
Contam Src:		**Deed Pg:**	385
Instrument Status:		**Plat Bk:**	61
Instrument:	Notice and Restriction	**Plat Pg:**	371
Rec Date:	7/5/2016	**Plat Link 1:**	Plat Link
Plat Rec Date:	7/5/2016	**Deed Link 1:**	Recorded Document Link
Deed Date:	Recorded 7-5-2016	**Prj County:**	New Hanover
Plat Date:	Recorded on 7-5-2016	**X:**	2335818.6191316396
Restricted Media:		**Y:**	180803.14810231328
Allowed Use:			
COC:			

DWM Program: SF-DSCA
Deed: Deed Bk/Pg: 5983 / 385
Plat: Plat Bk/Pg : 61 / 371
DWM Contact: Delonda Alexander
Deed Link: https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D:%20%5BProgram_ID%5D=%22DC650009%22%7D
Plat Link URL: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand={[WM]:[Program_ID]=%22*DC650009*%22}
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

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25	1 of 1	SW	0.42 / 2,234.49	37.71 / 4	**KAYO STATION, FORMER** **3626 MARKET STREET** **WILMINGTON NC**	LUR

Prj No:	WI-2343	**Certification:**	None
Prj Status:	No Further Action	**Deed Bk:**	
Contam Src:	UST System	**Deed Pg:**	
Instrument Status:	Effective	**Plat Bk:**	
Instrument:	Notice and Restriction	**Plat Pg:**	
Rec Date:	10/2/2003	**Plat Link 1:**	
Plat Rec Date:		**Deed Link 1:**	Recorded Document Link
Deed Date:	Recorded 10-2-2003	**Prj County:**	New Hanover
Plat Date:		**X:**	2332261.5061671436
Restricted Media:	Multi-Media	**Y:**	180396.20436239243
Allowed Use:	Media Restrictions Only		
COC:	Multi COC		

DWM Program: Underground Storage Tank Section
Deed:
Plat:
DWM Contact: Wilmington Regional Office (910) 796-7215
Deed Link: https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

5BProgram_ID%5D%3D%22%2AWI-2343%2A%22%7D

Plat Link URL:

Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

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26 | ***1 of 1*** | ***SW*** | ***0.42 / 2,234.49*** | ***37.71 / 4*** | ***KAYO STATION, FORMER***
3626 MARKET STREET
WILMINGTON NC 28403 | ***LUST***

Incdnt No (DWM Map):	32083	***Incident No:***	32083
Fac ID (DWM Map):	00-0-0000001460	***Facility ID:***	00-0-0000001460
UST No (DWM Map):	WI-2343	***UST No:***	WI-2343
Curr Stat (DWM Map):	Archived	***Current Status:***	A
Close Out(DWMMap):	2003/09/26 00:00:00+00	***Status Title:***	Archived
Dt Occur (DWM Map):	1991/12/17 00:00:00+00	***Close Out:***	9/25/2003
Incident (DWM Map):	KAYO STATION, FORMER	***Date Occurred:***	12/16/1991
Address (DWM Map):	3626 MARKET STREET	***Contam Type:***	Groundwater/Both
County (DWM Map):	NEW H	***Cleanup:***	1/30/1992
City (DWM Map):	WILMINGTON	***County:***	NEW H
Zip Code (DWM Map):	28403	***Latitude:***	34.240595
Latitude (DWM Map):	34.240595	***Longitude:***	-77.900684
Long (DWM Map):	-77.900684		

Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (STATUS)

Incident Details

Release Code:	3	***Samples Include:***	w
Release Cause:		***7.5 Min Quad:***	
Release Source:	E	***5 Min Quad:***	
Type:	3	***Submitted Date:***	30-Jan-1992 00:00:00
Location:	1	***I Ownership:***	4
Site Priority:		***Owner Operator:***	
Priority Update:		***Ownership:***	4
Source Type:	E	***Ownership Desc:***	Private
ERR Type:		***Operation Type:***	6
Wells Affected Y/N:	n	***Operation Desc:***	Commercial
Wells Affected:		***PIRF Min Soil:***	
Samples Taken By:	2		

Description of Incident: Outparcel of the former Tony's Foreign Car. Tanks removed sometime in 1985 by Tony Karafas per BB&T report. Contamination detected in the groundwater per BB&T

Incident Report

Report Type:	LSA2	***Approved Date:***	10-Sep-2003 00:00:00
Request Date:		***Implement Date:***	
Received Date:	08-Sep-2003 00:00:00	***Due Date:***	
Reviewed Date:	10-Sep-2003 00:00:00		
PRT ID:	1085157		
Report Type Description:	Limited Site Assmt Phase 1 & 2		
Comment:			

wells confirmed to be on site.

Incident Status

Last Modified:	25-Sep-2003 00:00:00	***Public Meeting Held:***	
Incident Phase:	CO	***Corrective Act Plan:***	
Incid Phase Desc:	Close Out	***SOC Signed:***	

NOV Issued:		**Reclassification Rep:**	
NORR Issued:		**RS Designation:**	
45 Day Report:		**Closure Req Date:**	

UST Incidents

RO Code:	WIL	**Reg:**	R
CD No:	245	**Conf Risk:**	L
Date Reported:	1992/01/31 00:00:00+00	**RRA Date:**	
Land Use:	RES	**RRA Risk:**	
LUR Filed:	2003/10/04 00:00:00+00	**RRA Rank Curr:**	0
LUR Resc:		**RRA Abate:**	
LUR State:	B	**Risk:**	L
X:	2332262.2312313	**RRA Rank:**	
Y:	180393.748986721	**MGR:**	BAR
Comm:	C		

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-2343%2A%22%7D

Object ID: 32957

RUST Data

MGR:	BAR	**LUR Resc:**	
RO Code:	WIL	**LUR State:**	B
Date Reported:	1992/01/31 00:00:00+00	**SL MGR:**	
Date Reported FY:	1992	**SL Cleanup Strt Dt:**	
Date Occured FY:	1992	**SL Cleanup End Dt:**	
Comm:	C	**SL Site Stat:**	
Reg:	R	**SL Ftfrecdte:**	
Perccomfndelig:		**CD NO:**	245
TOT Paid:		**RRA Date:**	
Conf Risk:	L	**RRA Risk:**	
Risk:	L	**RRA Rank Curr:**	0
Landuse:	RES	**RRA Abate:**	
Inc Stat:	Closed	**RRA Rank:**	
Closeout FY:	2003	**X:**	2332262.23121683
LUR Filed:	2003/10/04 00:00:00+00	**Y:**	180393.748950386

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-2343%2A%22%7D

Comment: see also tony;s foregin car center file. This site (Kayo) is the outparcel located on the west end of "the site". Street address is now 3626 Market St. We were initially told 3702 Market St. Also see Furniture Outlet file. MORE INFORMATION ON CD 573 **Note: Many records provided by the department have a truncated [Comment] field.

LUST Database

MGR:	BAR	**Contact:**	JOHN SKOPAK
Regional Office Cd:	WIL	**Telephone:**	2812935584
Date Reported:	1/30/1992	**RP Address:**	P.O. BOX 2197
Release Code:		**RP City:**	HOUSTON
Release Code Desc:		**RP State:**	TX
Source:	3	**RP Zip Code:**	77079
Source Desc:	LEAK, UST	**RP County:**	
Site Priority:		**RP Email:**	
Pollutant Type:	3	**RP Email1:**	
Pollutant Desc:	GASOLINE/DIESEL/KEROSENE	**RP Owner:**	TRUE
Petroleum Type:	P	**RP Operator:**	FALSE
Petrol Type Desc:	PETROLEUM	**RP Land Owner:**	FALSE
COMM:	C	**Lur Status:**	
COMM Desc:	COMMERCIAL	**LUR Filed:**	10/3/2003
Regulated Code:	R	**LUR Resc:**	
Reg Code Desc:	REGULATED	**LUR State:**	B
Notice Rg Rq Issd:		**GPS Conf:**	31
Notice Violtn Issd:		**RBCA GW:**	G2
Contamination:	GW	**RBCA GW Desc:**	Cleanups to alternate standards
Cleanup:	1/30/1992	**RBCA:**	S1
Conf Risk:	L	**RBCA Desc:**	Residential

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Risk:	L	**CD No:**	245
Land Use:	RES	**Reel No:**	
Land Use Desc:	Residential	**ERR CD:**	YES
Phase Reqrd:	2	**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:	0	**New Source:**	
MTBE 1:	Y	**Book:**	
RP Company:	CONOCO, INC.	**Page:**	
HCS Ref:	google earth		
Comment:			

see also tony;s foregin car center file. This site (Kayo) is the outparcel located on the west end of "the site". Street address is now 3626 Market St. We were initially told 3702 Market St. Also see Furniture Outlet file. MORE INFORMATION ON CD 573 **Note: Many records provided by the department have a truncated [Comment] field.

27	1 of 1	ESE	0.44 / 2,300.56	39.34 / 5	**Kings Laundry** **4615 Market St, Wilmington 28405** **NC**	DRYC DSCA

Site ID:	DC650008	**X:**	-77.887645
Inl Site ID No:		**Y:**	34.2436070000001
NFA Issued Date:	1/7/2019	**County:**	New Hanover
Site Listed In:	DryCleaning Remediation Unit's site inventory (NCDEQ Online GIS); DryCleaning Contaminated (NCDEQ Online GIS); Sites Certified in the DSCA Program; Sites Identified by DEQ with Possible Drycleaning Solvent Contamination; No Further Action Sites		
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		

Drycleaning Remediation and Contamination Details

Certified:	05/13/2008	**Phone:**	(919)707-8367
Status:	NFA	**Loc Type:**	Contaminated
Status Contaminatn:	NFA	**Project Mgr Name:**	Jay King
Status Description:	Site is closed; No-further-action (NFA)		
Shopping Center:			

Contaminated Sites

Shopping Center:	
Jurisdiction:	DSCA
Jurisdiction Description:	Dry-Cleaning Solvent Cleanup Act Program
Doc Link:	

DSCA Sites Status

Certified:	05/13/2008	**Priority:**	
Status:	NFA	**Proj Mngr:**	Jay King
Rank:		**Phone:**	(919)707-8367
Shop Ctr:			
Status Desc:	Site is closed; No-further-action (NFA)		
Priority Desc:			
Rank Desc:			
Doc Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand={[WM]:[Program_ID]=%22DC650008%22}		

28	1 of 1	E	0.45 / 2,359.25	34.33 / 0	**CP & L** **Holden place, N. Kerr Ave** **Wilmington NC 28401**	LAST

Incident No:	86014	**County:**	NEW H

UST No:	WI-88202	**Incident No (Map):**	86014
Facility ID:		**UST No (Map):**	WI-88202
Current Status:	Current Record	**Facility ID (Map):**	
Dt Occurred (IMD):	6/4/2001	**Current Stat (Map):**	Current Record
Closeout (IMD):	8/5/2003	**Dt Occurred (Map):**	2001/06/05 00:00:00+00
Contamination:	SL	**Closeout (Map):**	2003/08/06 00:00:00+00
Contamination Type:	Soil	**Latitude (Map):**	34.246666
Cleanup:		**Longitude (Map):**	-77.887222
Latitude:	34.246666	**County (Map):**	NEW H
Longitude:	-77.887222	**Address (Map):**	Holden place, N. Kerr Ave
Address:	Holden place, N. Kerr Ave	**Zipcode (Map):**	28401
Zipcode:	28401	**City Town (Map):**	Wilmington
Citytown:	Wilmington		

Incident Name: CP & L
Inc Name (Map): CP & L
LF Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%28%7B%5B%5D%3A%5BProgram_ID%5D%3D%22WI-88202%22%7D%29
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx
Data Source: Deptartment of Environmental Quality - RAST; Aboveground Incident Management Database (UST DB); Aboveground Incident Management Database (PIRF); Aboveground Incident Management Database (STATUS)

Incident Details

Date Occurred:	6/4/2001	**Release Code:**	9
Submitted Date:	6/4/2001	**Release Code Desc:**	Other
Type:	12	**Owner Operator:**	
Location:	8	**Ownership:**	4
Location Desc:	Other	**Ownership Desc:**	Private
Site Priority:		**Operation Type:**	1
Priority Update:		**Operation Desc:**	Public Service
Wells Affected Y/N:	No	**75 Min Quad:**	
Wells Affected:		**5 Min Quad:**	
Samples Taken By:	Y	**PIRF Min Soil:**	
Samples Include:		**Source Type:**	D
Description of Incident:			

Incident Status

Last Modified:	8/5/2003	**NOV Issued:**	
Incident Phase:	CO	**NORR Issued:**	
Inci Phase Desc:	Close Out	**Close Out Report:**	

RAST (Map)

Regional Office Cd:	WIL	**Regulated Code:**	N
CD No:	0	**Regulated Cd Desc:**	NON REGULATED
Date Reported:	2001/06/05 00:00:00+00	**Conf Risk:**	L
Land Use:		**Risk:**	
Inc Stat:	Closed	**RRA Date:**	
LUR Filed:		**RRA Risk:**	
LUR Resc:		**RRA Abate:**	
LUR State:		**RRA Rank:**	0
MGR:	NPM	**RRA Rank 2:**	
COMM:	N	**X:**	2336306.10074832
COMM Desc:	NON COMMERCIAL	**Y:**	182648.434037949

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-88202%2A%22%7D
Comment: Transformer leaked roughly 2.5 gallons of non-PCB transformer oil onto ground. RP cleaned up spill.

RAST Database

MGR:	NPM	**Release Code:**	0
Regional Office Cd:	WIL	**Release Desc:**	

Date Reported:	6/4/2001	**LUR Filed:**	
Source Code:	19	**LUR Resc:**	
Source Desc:	Surface Spill	**LUR State:**	
Pollutant Type:	NON PETROLEUM	**GPS Conf:**	99
COMM:	N	**RBCA GW:**	
COMM Desc:	NON COMMERCIAL	**RBCA GW Desc:**	
Regulated Code:	N	**PETOPT Desc:**	OTHER ORGANICS
Regulated Desc:	NON REGULATED	**CD No:**	0
Ntice Rg Rq Issd:		**Reel No:**	0
Ntice Violtn Issd:		**RP Owner:**	FALSE
Conf Risk:	L	**RP Operator:**	TRUE
Risk:		**RP Land Owner:**	FALSE
Land Use:		**ERRCD:**	NO
Land Use Desc:		**Valid:**	FALSE
Site Priority:		**Cat Code:**	
Intrmdt Cndition:		**HCS Res:**	
Crrctve Act Pln Tp:		**Reliability:**	
RBCA:		**LUR Status:**	
RBCA Desc:		**LUR Status1:**	
Close Reqsd:		**Phase Required:**	
Supply Well:	0	**Book:**	
MTBE:	0	**Page:**	
Telephone:	9193623558	**Email:**	
MTBE1:	N	**Latitude:**	
MTBE Desc:	No	**Longitude:**	
CAP Desc:			
HCS Ref:			
RP:	FALSE		
RP Company:	Holt?Neil Hoyle, Fred		
Contact:	CP&L		
RP Address:	3932 New Hill-Holleman Rd		
RP City:	New Hill		
RP State:	NC		
RP Zipcode:	00000		
RP County:			
RP Email:			
Comment:			

Transformer leaked roughly 2.5 gallons of non-PCB transformer oil onto ground. RP cleaned up spill.

Map Viewer Details

CD No:	0	**Risk:**	
MGR:	NPM	**LUR Filed:**	
RO Code:	WIL	**LUR Resc:**	
Date Reported:	6/4/2001, 8:00 PM	**LUR State:**	
Comm:	N	**RRA Date:**	
Comm Desc:	NON COMMERCIAL	**RRA Risk:**	
Reg:	N	**RRA Abate:**	
Regulated Cd Desc:	NON REGULATED	**RRA Rank:**	0
Con Frisk:	L	**X:**	-77.88721969531935
Land Use:		**Y:**	34.2466592302814
Comment:	Transformer leaked roughly 2.5 gallons of non-PCB transformer oil onto ground. RP cleaned up spill.		

AST Incidents Open Data Details

CD No:	0	**LUR Filed:**	
MGR:	NPM	**LUR Resc:**	
RO Code:	WIL	**LUR State:**	
Date Reported:	2001/06/05 00:00:00+00	**RRA Date:**	
Comm:	N	**RRA Risk:**	
Comm Desc:		**RRA Abate:**	
Reg:	N	**RRA Rank:**	0
Regulated Cd Desc:		**RRA Rank 2:**	
Con Frisk:	L	**X:**	2336306.10074832
Land Use:		**Y:**	182648.434037949

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Risk:
Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-88202%2A%22%7D

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29 | **1 of 4** | **S** | **0.48 / 2,541.33** | **38.93 / 5** | **WETSIG YACHT FACILITY**
4022 MARKET STREET
WILMINGTON NC 28405 | **LUST**

Incdnt No (DWM Map):	32039	**Incident No:**	32039
Fac ID (DWM Map):		**Facility ID:**	
UST No (DWM Map):	WI-2290	**UST No:**	WI-2290
Curr Stat (DWM Map):	Archived	**Current Status:**	A
Close Out(DWMMap):	2003/08/08 00:00:00+00	**Status Title:**	Archived
Dt Occur (DWM Map):	2002/09/20 00:00:00+00	**Close Out:**	8/7/2003
Incident (DWM Map):	WETSIG YACHT FACILITY	**Date Occurred:**	9/19/2002
Address (DWM Map):	4022 MARKET STREET	**Contam Type:**	Soil
County (DWM Map):	NEW H	**Cleanup:**	1/6/2003
City (DWM Map):	WILMINGTON	**County:**	NEW H
Zip Code (DWM Map):	28405	**Latitude:**	34.237976425
Latitude (DWM Map):	34.237976425	**Longitude:**	-77.8949371
Long (DWM Map):	-77.8949371		

Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (STATUS)

Incident Details

Release Code:	9	**Samples Include:**	
Release Cause:		**7.5 Min Quad:**	
Release Source:	C	**5 Min Quad:**	
Type:	4	**Submitted Date:**	06-Jan-2003 00:00:00
Location:	8	**I Ownership:**	4
Site Priority:		**Owner Operator:**	
Priority Update:		**Ownership:**	4
Source Type:	C	**Ownership Desc:**	Private
ERR Type:		**Operation Type:**	5
Wells Affected Y/N:	n	**Operation Desc:**	Industrial
Wells Affected:		**PIRF Min Soil:**	
Samples Taken By:	y		
Description of Incident:			

Incident Report

Report Type:	LSA1	**Approved Date:**	07-Aug-2003 00:00:00
Request Date:	13-Mar-2003 00:00:00	**Implement Date:**	
Received Date:	04-Aug-2003 00:00:00	**Due Date:**	12-Jul-2003 00:00:00
Reviewed Date:	07-Aug-2003 00:00:00		
PRT ID:	1079141		
Report Type Description:	Limited Site Assmt Phase 1		
Comment:			

Issue NFA.

Incident Status

Last Modified:	07-Aug-2003 00:00:00	**Public Meeting Held:**	
Incident Phase:	CO	**Corrective Act Plan:**	
Incid Phase Desc:	Close Out	**SOC Signed:**	
NOV Issued:		**Reclassification Rep:**	
NORR Issued:		**RS Designation:**	
45 Day Report:		**Closure Req Date:**	

UST Incidents

RO Code:	WIL	***Reg:***	N
CD No:	245	***Conf Risk:***	L
Date Reported:	2003/01/07 00:00:00+00	***RRA Date:***	
Land Use:	IND	***RRA Risk:***	
LUR Filed:		***RRA Rank Curr:***	0
LUR Resc:		***RRA Abate:***	
LUR State:		***Risk:***	L
X:	2334009.73298563	***RRA Rank:***	
Y:	179460.084187388	***MGR:***	DRH
Comm:	N		
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-2290%2A%22%7D		
Object ID:	32915		

RUST Data

MGR:	DRH	***LUR Resc:***	
RO Code:	WIL	***LUR State:***	
Date Reported:	2003/01/07 00:00:00+00	***SL MGR:***	
Date Reported FY:	2003	***SL Cleanup Strt Dt:***	
Date Occured FY:	2002	***SL Cleanup End Dt:***	
Comm:	N	***SL Site Stat:***	
Reg:	N	***SL Ftfrecdte:***	
Perccomfndelig:		***CD NO:***	245
TOT Paid:		***RRA Date:***	
Conf Risk:	L	***RRA Risk:***	
Risk:	L	***RRA Rank Curr:***	0
Landuse:	IND	***RRA Abate:***	
Inc Stat:	Closed	***RRA Rank:***	
Closeout FY:	2003	***X:***	2334009.73301846
LUR Filed:		***Y:***	179460.084080876
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-2290%2A%22%7D		
Comment:	13 ppm TPH from (1) Heating oil UST. Inactive Hazardous Waste Site. 8/7/2003 Issue NFA.		

LUST Database

MGR:	DRH	***Contact:***	PAUL WETSIG
Regional Office Cd:	WIL	***Telephone:***	
Date Reported:	1/6/2003	***RP Address:***	4022 MARKET STREET
Release Code:		***RP City:***	WILMINGTON
Release Code Desc:		***RP State:***	NC
Source:	3	***RP Zip Code:***	28405
Source Desc:	LEAK, UST	***RP County:***	
Site Priority:		***RP Email:***	
Pollutant Type:	4	***RP Email1:***	
Pollutant Desc:	HEATING OIL	***RP Owner:***	TRUE
Petroleum Type:	B	***RP Operator:***	FALSE
Petrol Type Desc:	BOTH	***RP Land Owner:***	FALSE
COMM:	N	***Lur Status:***	
COMM Desc:	NON COMMERCIAL	***LUR Filed:***	
Regulated Code:	N	***LUR Resc:***	
Reg Code Desc:	NON REGULATED	***LUR State:***	
Notice Rg Rq Issd:		***GPS Conf:***	14
Notice Violtn Issd:		***RBCA GW:***	
Contamination:	SL	***RBCA GW Desc:***	
Cleanup:	1/6/2003	***RBCA:***	S3
Conf Risk:	L	***RBCA Desc:***	Soil to Groundwater
Risk:	L	***CD No:***	245
Land Use:	IND	***Reel No:***	
Land Use Desc:	Industrial	***ERR CD:***	
Phase Reqrd:	1	***Valid:***	FALSE
Intrmdt Cndition:		***Cat Code:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Corr Act Plan Cd:
CAP Desc:
Clos Reqsd:
MTBE: 0
MTBE 1: U
RP Company: WETSIG YACHTS
HCS Ref:
Comment:
HCS Res:
Reliability:
Supply Well: 0
New Source:
Book:
Page:

13 ppm TPH from (1) Heating oil UST. Inactive Hazardous Waste Site. 8/7/2003 Issue NFA.

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29 | 2 of 4 | S | 0.48 / 2,541.33 | 38.93 / 5 | **WETSIG YACHTS**, **4022 MARKET STREET**, **WILMINGTON NC** | SHWS

EPA ID: NONCD0001105
County (NCDENR): NEW HANOVER
Latitude (NCDENR): 34.23775
Longitude (NCDENR): -77.89462
County (Fed Rmdtn):
Zip (Fed Rmdtn):
Site Name (NCDENR): WETSIG YACHTS
Address (NCDENR): 4022 MARKET STREET
City (NCDENR): WILMINGTON
Site Name (Fed Rmdtn):
Addr (Fed Rmdtn):
City (Fed Rmdtn):
Site Name (InactvHazWste): WETSIG YACHTS
Addr (InactvHzWste): 4022 MARKET STREET
City (InactvHzWste): WILMINGTON
Original Source(s): Division of Waste Management Site Locator Tool - Inactive Hazardous Waste Layer; North Carolina Department of Environment and Natural Resources (NCDENR)
Note: Documents related to facilities in NC can be searched on the NC DEQ Laser Fiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Lat (Fed Rmdtn):
Long (Fed Rmdtn):
County (IH Waste): NEW HANOVER
Lat (IH Waste): 34.23775
Long(IH Waste): -77.89462

Division of Waste Management Site Locator Tool - Inactive Hazardous Waste Layer

Land Use Restrict: FALSE
Voluntary Cleanup: FALSE
Update Date: 2022/11/30 00:00:00+00
Geo Location Code: ON SCREEN PLACEMENT ON GEOREFERENCED MAP
Laser Fiche: https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand={[WM]:[Program_ID]=%22*NONCD0001105*%22}

Source: ACMEMAPPER
X: -77.89462
Y: 34.2377500000001

NCDEQ - Location Detail

Source: AcmeMapper
Geolocation Code Desc: On Screen Placement On Georeferenced Map

NCDEQ - Site Categories Detail

SPL Score: 42.6
Category: SPL
Partial AA: FALSE

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29 | 3 of 4 | S | 0.48 / 2,541.33 | 38.93 / 5 | **Wetsig Yachts**, **4022 Market Street**, **Wilmington NC** | BROWNFIELDS

BF No (Map): 18016-14-065
BF ID (Map): 1801614065.0
Status (Map): Recorded
BF Mgr (Map): Sam Watson
BF ID (Loc View): 1801614065.0
Status (Loc View): Recorded
BF Mgr (Loc View): Sam Watson
BF Acre (Loc View): 4

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

BF Acreage (Map):	4	**Stat Dt (Loc View):**	5/6/2015
Status Date (Map):	May 6,2015	**County (Loc View):**	New Hanover
County (Map):	New Hanover	**X (Loc View):**	-77.8947261875
X (Map):	-77.8947261875097	**Y (Loc View):**	34.2376708876
Y (Map):	34.237670887588415		

BF Name (Map): Wetsig Yachts
Address (Map): 4022 Market Street
City (Map): Wilmington
BF Name (Loc View): Wetsig Yachts
Address (Loc View): 4022 Market Street
City (Loc View): Wilmington
Proj ID (Proj Inventory): 18016-14-65
Project Name (Proj Inventory): Wetsig Yachts
Address (Proj Inventory): 4022 Market Street
City (Proj Inventory): Wilmington
County (Proj Inventory): New Hanover
Proj No (AEC):
Project Name (AEC):
Google Nav (AEC): https://www.google.com/maps/dir/?api=1&destination=34.2376708875884,-77.8947261875097&travelmode=driving
Luru Link (AEC): https://edocs.deq.nc.gov/WasteManagement/edoc/662687/18016_Wetsig Yachts_LURUModel_2015_05_26.docx?dbid=0&repo=WasteManagement
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx
Data Source: Finalized Brownfields Agreements; NC Dept. of Environmental Quality Online Map; NC Brownfields Location View

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29	4 of 4	S	0.48 / 2,541.33	38.93 / 5	**Wetsig Yachts** **4022 Market Street** **Wilmington NC**	LUR

Prj No:	18016-14-065	**Certification:**	Annual
Prj Status:	Recorded	**Deed Bk:**	5887
Contam Src:		**Deed Pg:**	448
Instrument Status:	Effective	**Plat Bk:**	60
Instrument:	Notice and Restriction	**Plat Pg:**	221
Rec Date:	5/5/2015	**Plat Link 1:**	
Plat Rec Date:	5/5/2015	**Deed Link 1:**	Recorded Document Link
Deed Date:	Recorded 5-5-2015	**Prj County:**	New Hanover
Plat Date:	Recorded on 5-5-2015	**X:**	2334074.7174357176
Restricted Media:		**Y:**	179349.60278105736
Allowed Use:			
COC:			

DWM Program: Brownfields Program
Deed: Deed Bk/Pg: 5887 / 448
Plat: Plat Bk/Pg : 60 / 221
DWM Contact: Sam Watson
Deed Link: https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D:%20%5BProgram_ID%5D=%2218016-14-065%22%7D%20+%20(%7BLF:Tags=%22LUR%22%7D%20%7C%20%7BLF:Tags=%22Plat%22%7D)
Plat Link URL:
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

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30	1 of 1	ESE	0.48 / 2,557.69	39.47 / 5	**BECKER BUILDERS SUPPLY COMPANY** **4614 MARKET STREET** **WILMINGTON NC**	SHWS

EPA ID:	NONCD0001330	**Lat (Fed Rmdtn):**	
County (NCDENR):	New Hanover	**Long (Fed Rmdtn):**	
Latitude (NCDENR):	34.24095	**County (IH Waste):**	NEW HANOVER
Longitude (NCDENR):	-77.8878	**Lat (IH Waste):**	34.24095
County (Fed Rmdtn):		**Long(IH Waste):**	-77.8878
Zip (Fed Rmdtn):			

Site Name (NCDENR): BECKER BUILDERS SUPPLY COMPANY
Address (NCDENR): 4614 MARKET STREET
City (NCDENR): WILMINGTON

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Site Name (Fed Rmdtn):
Addr (Fed Rmdtn):
City (Fed Rmdtn):
Site Name (InactvHazWste): BECKER BUILDERS SUPPLY COMPANY
Addr (InactvHzWste): 4614 MARKET STREET
City (InactvHzWste): WILMINGTON
Original Source(s): Division of Waste Management Site Locator Tool - Inactive Hazardous Waste Layer; North Carolina Department of Environment and Natural Resources (NCDENR)
Note: Documents related to facilities in NC can be searched on the NC DEQ Laser Fiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Division of Waste Management Site Locator Tool - Inactive Hazardous Waste Layer

Land Use Restrict: FALSE
Voluntary Cleanup: FALSE
Update Date: 2022/11/30 00:00:00+00
Source: ACMEMAPPER
X: -77.8878
Y: 34.2409500000001
Geo Location Code: ON SCREEN PLACEMENT ON GEOREFERENCED MAP
Laser Fiche: https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand={[WM]:[Program_ID]=%22*NONCD0001330*%22}

NCDEQ - Location Detail

Source: AcmeMapper
Geolocation Code Desc: On Screen Placement On Georeferenced Map

NCDEQ - Site Categories Detail

SPL Score: 42.43
Category: SPL
Partial AA: FALSE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
31	1 of 1	NNW	0.59 / 3,113.81	28.53 / -6	NEW HANOVER CNTY ARPT WILMINGTON NC	FUDS

FUDS Property No: I04NC0101
EMS Map Link: https://fudsportal.usace.army.mil/ems/inventory/map?id=58079
FUDS INST ID: NC49799F483500
Status: Properties with all projects at site closeout
SDS ID:
NPL Status Code: Not Listed
Eligibility: Eligible
Site Eligib: Eligible
Current Owner: Local Government
Has Project: Yes
DOD FUDS Pro:
Project Required:
No Further Action:
Congressional District: 07
Media ID:
Metadata ID:
Feature Desc:
EPA Region: 04
County: NEW HANOVER
Latitude: 34.27111111
Longitude: -77.90444444
Fiscal year: 2020
USACE Division: sad
USACE District: sas
Shape Area: .00057538
Shape Len: .19518114
X:
Y:
Property History:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

The DoD established a bomber command airfield during World War II. The site was transferred to New Hanover County in 1947 and used by the Air Force from the 1960s until 1977. The burn facility was constructed in the 1960s. This area is currently being cleaned up as a NPL Site.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
32	1 of 1	NNE	0.77 / 4,057.54	22.70 / -11	ALANDALE DR (4008) CHEMICALS NC	HSDS

Superfund ID: 981 929 557
Haz Subst. Disposal Sites1298: 862
Haz Subst. Disp Sites1298 ID: 855
SIS:
NONCD:
SSF:
State or Federal Code: 1
Total Area in Coverage Units: 8590.80664063
Total Perim in Coverage Units: 372.81665039
X Coordinate in Feet: 2335798
Y Coordinate in Feet: 186271.484375
Long: 77 53 19.649659
Lat: 34 15 23.918859
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
33	1 of 1	NNE	0.83 / 4,391.92	13.48 / -21	ALANDALE DR 4008 CHEMICALS 4008 ALANDALE DRIVE WILMINGTON NC	SHWS

EPA ID: NCD981929557
County (NCDENR): NEW HANOVER
Latitude (NCDENR): 34.25677
Longitude (NCDENR): -77.8884
County (Fed Rmdtn):
Zip (Fed Rmdtn):
Site Name (NCDENR): ALANDALE DR 4008 CHEMICALS
Address (NCDENR): 4008 ALANDALE DRIVE
City (NCDENR): WILMINGTON
Site Name (Fed Rmdtn):
Addr (Fed Rmdtn):
City (Fed Rmdtn):
Site Name (InactvHazWste):
Addr (InactvHzWste):
City (InactvHzWste):
Lat (Fed Rmdtn):
Long (Fed Rmdtn):
County (IH Waste):
Lat (IH Waste):
Long(IH Waste):
Original Source(s): North Carolina Department of Environment and Natural Resources (NCDENR)
Note: Documents related to facilities in NC can be searched on the NC DEQ Laser Fiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

NCDEQ - Location Detail

Source: AcmeMapper
Geolocation Code Desc: On Screen Placement On Georeferenced Map

NCDEQ - Site Categories Detail

SPL Score:
Category: NFA
Partial AA: FALSE

Unplottable Summary

Total: 6 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
CERCLIS	SHAKLEFORD BANKS DRUMS	NEW HANOVER COUNTY ***Site EPA ID:*** NC0000102228	WILMINGTON NC	28402	805458642
CERCLIS NFRAP	SHAKLEFORD BANKS DRUMS	NEW HANOVER COUNTY ***Site EPA ID:*** NC0000102228	WILMINGTON NC	28402	805471139
FINDS/FRS	SHACKELFORD BANKS DRUMS	NEW HANOVER COUNTY ***Registry ID:*** 110024942062	WILMINGTON NC	28402	817687818
LUST TRUST	Beasley Stallings Partnership	North Market Street ***Incident No*** **|** ***Facility ID:*** 5810 | 0-001070	Wilmington NC		819107244
SEMS ARCHIVE	SHAKLEFORD BANKS DRUMS	NEW HANOVER COUNTY ***EPA ID:*** NC0000102228	WILMINGTON NC	28402	828876656
SPILLS		Princess Place Dr. Wilmington, NC	NC		822895094

Unplottable Report

Site: ***SHAKLEFORD BANKS DRUMS***
NEW HANOVER COUNTY WILMINGTON NC 28402

CERCLIS

Site ID:	0405965	***RNPL Status Code:***	N
Site EPA ID:	NC0000102228	***NPL Status:***	Not on the NPL
Site Street Address 2:		***RFED Facility Code:***	N
Site County Name:	NEW HANOVER	***RFED Facility Desc:***	Not a Federal Facility
Site FIPS Code:	37129	***USGS Hydro Unit No.:***	03030007
Region Code:	04	***Site Cong. Dist. Code:***	07
Site SMSA No.:	9200	***ROT Desc:***	Unknown
Site Prim. Latitude:	34D41M00S	***FR NPL Update No.:***	
Site Prim. Longitude:	076D37M00S	***RFRA Code:***	
Lat Long Source:			

RNON NPL Status Desc: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	
Act Code ID:		***Act Start Date:***	
RAT Code:		***Act Complete Date:***	
RAT Short Name:		***AGT Order No.:***	0
RAT Name:		***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:		***SH Seq:***	
RAT Level:		***SH Start Date:***	
RAT DEF OU:		***SH Complete Date:***	
RFBS Code:		***SH Lead:***	
SPA Code:			
RAT Def:			

Site Desc: CERCLA FUNDS WERE ALLOCATED FOR REMOVAL & OVERPACK OF THREE 55-GAL. DRUMS & ONE 5-GAL. DRUM OF UNK. CONTENTS WASHED UP ON VARIOUS ISLANDS OFF SHACKLEFORD BANKS, NC. CONTRACTOR: FOUR SEASONS INDUSTRIAL SERVICES.

.

Site Alias: SHACKLEFORD BANKS DRUMS,NEW HANOVER COUNTY,WILMINGTON,NC,28402;

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	Coast Guard
Act Code ID:	001	***Act Start Date:***	7/2/1992 00:00:00
RAT Code:	RV	***Act Complete Date:***	7/22/1992 00:00:00
RAT Short Name:	RMVL	***AGT Order No.:***	70
RAT Name:	REMOVAL	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:	V	***SH Lead:***	
SPA Code:	08		

RAT Def: Response action that requires expeditious attention to reduce imminent and substantial dangers to human health, welfare, or the environment or an emergency response required within hours or days to address acute situations involving actual or potential threat to human health, the environment, or real or personal property due to the release of a hazardous substance. Characterization of a removal action as removal, not immediate removal or planned removal, started at the beginning of FY 1987. This code now takes the place of immediate removal (IR) and planned removal (PR).

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	Coast Guard
Act Code ID:	001	***Act Start Date:***	
RAT Code:	DS	***Act Complete Date:***	7/2/1992 00:00:00
RAT Short Name:	DISCVRY	***AGT Order No.:***	10
RAT Name:	DISCOVERY	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:		***SH Lead:***	
SPA Code:	13		

RAT Def: The process by which a potential hazardous waste site is brought to the attention of the EPA. The process can occur through the use of several mechanisms such as a phone call or referral by another government agency.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	EPA In-House
Act Code ID:	001	***Act Start Date:***	
RAT Code:	VS	***Act Complete Date:***	12/23/1996 00:00:00
RAT Short Name:	ARCH SITE	***AGT Order No.:***	1500
RAT Name:	ARCHIVE SITE	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:		***SH Lead:***	
SPA Code:	13		

RAT Def: The decision is made that no further activity is planned at the site.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	EPA In-House
Act Code ID:	001	***Act Start Date:***	
RAT Code:	PA	***Act Complete Date:***	2/6/1995 00:00:00
RAT Short Name:	PA	***AGT Order No.:***	130
RAT Name:	PRELIMINARY ASSESSMENT	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:	P	***SH Lead:***	
SPA Code:	13		

RAT Def: Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.

Site Desc:
Site Alias:

Site: ***SHAKLEFORD BANKS DRUMS***
NEW HANOVER COUNTY WILMINGTON NC 28402

CERCLIS NFRAP

Site ID:	405965	***Site FIPS Code:***	37129
Site EPA ID:	NC0000102228	***Region Code:***	4
Site Parent ID:		***Site Cong. Dist. Code:***	7
Site County Name:	NEW HANOVER	***Federal Facility:***	
Parent Site Name:			

CERCLIS-NFRAP Assess History

OU ID:	0	***Act Start Date:***	
Act Code ID:	1	***Act Complete Date:***	2/6/1995
RAT Code:	PA	***AGT Order No.:***	130
RAT Short Name:	PA	***SH OU:***	
RAT Name:	PRELIMINARY ASSESSMENT	***SH Code:***	

RAT Hist. Only Flag:		***SH Seq:***	
RAT NSI Indicator:	B	***SH Start Date:***	
RAT Level:	1	***SH Complete Date:***	
RAT DEF OU:	00	***SH Lead:***	
RFBS Code:	P	***SH Qual:***	
SPA Code:	13	***RAQ Act. Qual Short:***	NFRAP
RALT Short Name:	EPA In-House	***RNPL Status Code:***	N

RAT Def: Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.

RNON NPL Status Desc: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Assess History

OU ID:	0	***Act Start Date:***	
Act Code ID:	1	***Act Complete Date:***	12/23/1996
RAT Code:	VS	***AGT Order No.:***	1500
RAT Short Name:	ARCH SITE	***SH OU:***	
RAT Name:	ARCHIVE SITE	***SH Code:***	
RAT Hist. Only Flag:		***SH Seq:***	
RAT NSI Indicator:	B	***SH Start Date:***	
RAT Level:	1	***SH Complete Date:***	
RAT DEF OU:	00	***SH Lead:***	
RFBS Code:		***SH Qual:***	
SPA Code:	13	***RAQ Act. Qual Short:***	
RALT Short Name:	EPA In-House	***RNPL Status Code:***	N

RAT Def: The decision is made that no further activity is planned at the site.

RNON NPL Status Desc: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Assess History

OU ID:	0	***Act Start Date:***	7/2/1992
Act Code ID:	1	***Act Complete Date:***	7/22/1992
RAT Code:	RV	***AGT Order No.:***	70
RAT Short Name:	RMVL	***SH OU:***	
RAT Name:	REMOVAL	***SH Code:***	
RAT Hist. Only Flag:		***SH Seq:***	
RAT NSI Indicator:	B	***SH Start Date:***	
RAT Level:	1	***SH Complete Date:***	
RAT DEF OU:	00	***SH Lead:***	
RFBS Code:	V	***SH Qual:***	
SPA Code:	08	***RAQ Act. Qual Short:***	Cleaned Up
RALT Short Name:	Coast Guard	***RNPL Status Code:***	N

RAT Def: Response action that requires expeditious attention to reduce imminent and substantial dangers to human health, welfare, or the environment or an emergency response required within hours or days to address acute situations involving actual or potential threat to human health, the environment, or real or personal property due to the release of a hazardous substance. Characterization of a removal action as removal, not immediate removal or planned removal, started at the beginning of FY 1987. This code now takes the place of immediate removal (IR) and planned removal (PR).

RNON NPL Status Desc: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Assess History

OU ID:	0	***Act Start Date:***	
Act Code ID:	1	***Act Complete Date:***	7/2/1992
RAT Code:	DS	***AGT Order No.:***	10
RAT Short Name:	DISCVRY	***SH OU:***	
RAT Name:	DISCOVERY	***SH Code:***	
RAT Hist. Only Flag:		***SH Seq:***	
RAT NSI Indicator:	B	***SH Start Date:***	
RAT Level:	1	***SH Complete Date:***	
RAT DEF OU:	00	***SH Lead:***	
RFBS Code:		***SH Qual:***	
SPA Code:	13	***RAQ Act. Qual Short:***	
RALT Short Name:	Coast Guard	***RNPL Status Code:***	N

RAT Def: The process by which a potential hazardous waste site is brought to the attention of the EPA. The process can occur through the use of several mechanisms such as a phone call or referral by another government agency.

RNON NPL Status Desc: NFRAP-Site does not qualify for the NPL based on existing information

Site: ***SHACKELFORD BANKS DRUMS***
NEW HANOVER COUNTY WILMINGTON NC 28402

FINDS/FRS

Registry ID:	110024942062
FIPS Code:	37129
HUC Code:	
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	19-JUL-06
Update Date:	19-FEB-08
Interest Types:	STATE MASTER
SIC Codes:	9999
SIC Code Descriptions:	NONCLASSIFIABLE ESTABLISHMENTS
NAICS Codes:	
NAICS Code Descriptions:	
Conveyor:	
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No:	
Census Block Code:	
EPA Region Code:	04
County Name:	NEW HANOVER
US/Mexico Border Ind:	
Latitude:	
Longitude:	
Reference Point:	
Coord Collection Method:	
Accuracy Value:	
Datum:	NAD83
Source:	
Facility Detail Rprt URL:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110024942062
Data Source:	Facility Registry Service - Single File
Program Acronyms:	

NC-FITS:78168

Site: ***Beasley Stallings Partnership***
North Market Street Wilmington NC

LUST TRUST

Incident No:	5810
Facility ID:	0-001070
Site County:	New Hanover
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Details

Archive Submit No:	NA	***3rd Party Deduct:***	$0.00
CD No:	NA	***Sum 3rd Party Amts:***	$341.00
UST No:	WI-848	***Deduct Determine:***	0
Priority Rank:	H	***Deductible Amount:***	$50,000.00
Priority Rank Desc:	High risk	***Deductible Reason1:***	
Site Eligible?:	Yes	***Deductible Reason2:***	
% Commercial Fund:	1.0	***Inel App:***	
Reimbursement Form:	Yes		
Site Note:			

Site: ***SHAKLEFORD BANKS DRUMS***
NEW HANOVER COUNTY WILMINGTON NC 28402

SEMS ARCHIVE

Site ID:	0405965	***FIPS Code:***	37129
EPA ID:	NC0000102228	***Cong District:***	07
Superfund Alt Agmt:	No	***Region:***	04

Federal Facility:	No	***County:***	NEW HANOVER
FF Docket:	No		
NPL:	Not on the NPL		
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information		

Action Information

Operable Units:	00	***Qual:***	C
Action Code:	RV	***SEQ:***	1
Action Name:	RMVL	***FF:***	N
Start Actual:	07/02/1992	***FF Docket:***	N
Finish Actual:	07/22/1992	***Region:***	04
Curr Action Lead:	USCG		

Operable Units:	00	***Qual:***	N
Action Code:	PA	***SEQ:***	1
Action Name:	PA	***FF:***	N
Start Actual:		***FF Docket:***	N
Finish Actual:	02/06/1995	***Region:***	04
Curr Action Lead:	EPA Perf In-Hse		

Operable Units:	00	***Qual:***	
Action Code:	VS	***SEQ:***	1
Action Name:	ARCH SITE	***FF:***	N
Start Actual:		***FF Docket:***	N
Finish Actual:	12/23/1996	***Region:***	04
Curr Action Lead:	EPA Perf In-Hse		

Operable Units:	00	***Qual:***	
Action Code:	DS	***SEQ:***	1
Action Name:	DISCVRY	***FF:***	N
Start Actual:	07/02/1992	***FF Docket:***	N
Finish Actual:	07/02/1992	***Region:***	04
Curr Action Lead:	USCG		

Site:

Princess Place Dr. Wilmington, NC NC

SPILLS

Incident No:	1762	***Region:***	Wilmington
Latitude:		***County:***	New Hanover
Longitude:			

Incident Details

Permit No:		***Year:***	2016
Incident Type:		***Est Total Vol:***	
Start Date:	9/21/1999	***Est Surface Wtr Vol:***	
Extract Date:		***Cur Classification:***	
Five Day Start Dt:		***Duration (Minutes):***	
Owner:		***User Last Updated:***	
Owner Organztn Nm:			
Waterbody Name:			
Force Main Length Miles:			
Gravity Sewer Length Miles:			
Permitted Flow Qty Gpd:			
Pressure Sewer Length Miles:			
Category:			

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13 and E1527-21, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

Formerly Utilized Sites Remedial Action Program: DOE FUSRAP

The U.S. Department of Energy (DOE) established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

Government Publication Date: Mar 4, 2017

National Priority List: NPL

Sites on the United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Nov 3, 2022

National Priority List - Proposed: PROPOSED NPL

Sites proposed by the United States Environmental Protection Agency (EPA), the state agency, or concerned citizens for addition to the National Priorities List (NPL) due to contamination by hazardous waste and identified by the EPA as a candidate for cleanup because it poses a risk to human health and/or the environment. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Nov 3, 2022

Deleted NPL: DELETED NPL

Sites deleted from the United States Environmental Protection Agency (EPA)'s National Priorities List. The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Nov 3, 2022

SEMS List 8R Active Site Inventory: SEMS

The U.S. Environmental Protection Agency's (EPA) Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. 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. This data includes SEMS sites from the List 8R Active file as well as applicable sites from the SEMS GIS/REST file layer obtained from EPA's Facility Registry Service.

Government Publication Date: Jan 25, 2023

Inventory of Open Dumps, June 1985: ODI

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

SEMS List 8R Archive Sites: SEMS ARCHIVE

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) 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. This data includes sites from the List 8R Archived site file.

Government Publication Date: Jan 25, 2023

Comprehensive Environmental Response, Compensation and Liability Information System - CERCLIS: CERCLIS

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

EPA Report on the Status of Open Dumps on Indian Lands: IODI

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

CERCLIS - No Further Remedial Action Planned: CERCLIS NFRAP

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. The Archive designation means that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Government Publication Date: Oct 25, 2013

CERCLIS Liens: CERCLIS LIENS

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA). This database was provided by the United States Environmental Protection Agency (EPA). Refer to SEMS LIEN as the current data source for Superfund Liens.

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action: RCRA CORRACTS

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Jan 23, 2023

RCRA non-CORRACTS TSD Facilities: RCRA TSD

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by RCRA.

Government Publication Date: Jan 23, 2023

RCRA Generator List: RCRA LQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Jan 23, 2023

RCRA Small Quantity Generators List: RCRA SQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

Government Publication Date: Jan 23, 2023

RCRA Very Small Quantity Generators List: RCRA VSQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Very Small Quantity Generators (VSQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

Government Publication Date: Jan 23, 2023

RCRA Non-Generators: RCRA NON GEN

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Jan 23, 2023

RCRA Sites with Controls: RCRA CONTROLS

List of Resource Conservation and Recovery Act (RCRA) facilities with institutional controls in place. RCRA gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances.

Government Publication Date: Jan 23, 2023

Federal Engineering Controls-ECs: FED ENG

This list of Engineering controls (ECs) is provided by the United States Environmental Protection Agency (EPA). ECs encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. The EC listing includes remedy component data from Superfund decision documents issued in fiscal years 1982-2020 for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Dec 22, 2022

Federal Institutional Controls- ICs: FED INST

This list of Institutional controls (ICs) is provided by the United States Environmental Protection Agency (EPA). ICs are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site. The IC listing includes remedy component data from Superfund decision documents issued in fiscal years 1982-2020 for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Dec 22, 2022

Land Use Control Information System: LUCIS

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

Government Publication Date: Sep 1, 2006

Institutional Control Boundaries at NPL sites: NPL IC

Boundaries of Institutional Control areas at sites on the United States Environmental Protection Agency (EPA)'s National Priorities List, or Proposed or Deleted, made available by the EPA's Shared Enterprise Geodata and Services (SEGS). United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. Institutional controls are non-engineered instruments such as administrative and legal controls that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy.

Government Publication Date: Nov 3, 2022

Emergency Response Notification System: ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System: ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System: ERNS

Database of oil and hazardous substances spill reports made available by the United States Coast Guard National Response Center (NRC). The NRC fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. These data contain initial incident data that has not been validated or investigated by a federal/state response agency.

Government Publication Date: Nov 6, 2022

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database: FED BROWNFIELDS

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This data is provided by the United States Environmental Protection Agency (EPA) and includes Brownfield sites from the Cleanups in My Community (CIMC) web application.

Government Publication Date: Sep 13, 2022

FEMA Underground Storage Tank Listing: FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: Dec 31, 2017

Facility Response Plan: FRP

List of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: Dec 31, 2021

Delisted Facility Response Plans: DELISTED FRP

Facilities that once appeared in - and have since been removed from - the list of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: Dec 31, 2021

Historical Gas Stations: HIST GAS STATIONS

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

Government Publication Date: Jul 1, 1930

Petroleum Refineries: REFN

List of petroleum refineries from the U.S. Energy Information Administration (EIA) Refinery Capacity Report. Includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U.S. possessions. Survey locations adjusted using public data.

Government Publication Date: Aug 30, 2022

Petroleum Product and Crude Oil Rail Terminals: BULK TERMINAL

List of petroleum product and crude oil rail terminals made available by the U.S. Energy Information Administration (EIA). Includes operable bulk petroleum product terminals located in the 50 States and the District of Columbia with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil that were active between 2017 and 2018. Petroleum product terminals comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings. Survey locations adjusted using public data.

Government Publication Date: Jun 29, 2022

LIEN on Property: SEMS LIEN

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) provides Lien details on applicable properties, such as the Superfund lien on property activity, the lien property information, and the parties associated with the lien.

Government Publication Date: Jan 25, 2023

Superfund Decision Documents: SUPERFUND ROD

This database contains a list of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include completed Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD) for active and archived sites stored in the Superfund Enterprise Management System (SEMS), along with other associated memos and files. This information is maintained and made available by the U.S. Environmental Protection Agency.

Government Publication Date: Dec 22, 2022

State

Inactive Hazardous Sites and Federal Remediation Branch Sites: SHWS

Sites on the Inactive Hazardous Sites Inventory and Federal Remediation Branch sites made available by the Division of Waste Management in the North Carolina Department of Environmental Quality (DEQ). "Inactive Hazardous Sites" by definition are any areas where a hazardous substance release has come to be located and would include active and inactive facilities and a variety of property types. The term "inactive" refers to the fact that cleanup was inactive at large numbers of sites at the time of program enactment. The Federal Remediation Branch works cooperatively with the US Environmental Protection Agency (EPA) to implement the federal Superfund program under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) as amended.

Government Publication Date: Jan 31, 2023

State Trust Funds Database: LUST TRUST

The Trust Fund Branch administers the Leaking Petroleum Underground Storage Tank Cleanup Funds and Environmental Protection Agency (EPA) grants. The Underground Storage Tank (UST) funds provide reimbursement for costs incurred during the cleanup of soil and groundwater contamination resulting from a release of petroleum from an underground storage tank. Two funds, the Commercial Trust Fund and the Non-Commercial Trust Fund, have been established to reimburse tank owners, operators, and landowners for costs associated with cleanups. This was made available by the Division of Waste Management in the Department of Environmental Quality (DEQ).

Government Publication Date: Feb 17, 2023

Delisted Inactive Hazardous Sites Inventory: DELISTED SHWS

This list is comprised of sites that were once included in the inventory of Inactive Hazardous Sites, but have been removed from the Division of Waste Management in the North Carolina Department of Environmental Quality (DEQ). This database is state equivalent CERCLIS.

Government Publication Date: Jan 31, 2023

Solid Waste Facilities and Landfills: SWF/LF

List of permitted solid waste facilities, landfills, and septage waste sites made available by the Division of Waste Management in the North Carolina Department of Environmental Quality (DEQ).

Government Publication Date: Mar 28, 2022

Old Landfill Inventory: OLD LF

The Old Landfill Inventory, made available by the Division of Waste Management in the North Carolina Department of Environment and Natural Resources (NCDENR), lists locations of non-permitted landfills that were closed prior to January 1, 1983 when waste disposal permitting regulations commenced. Legislation in 2007 (SB1492) resulted in adding new provisions to the Inactive Hazardous Sites Response Act for addressing these landfills. The Old Landfill Inventory is managed by the Pre-Regulatory Landfill Unit within the Inactive Hazardous Sites Branch.

Government Publication Date: Dec 8, 2022

Coal Ash Disposal Sites: COAL ASH LF

The Department of Environmental Quality (DEQ) Division of Waste Management's Solid Waste Program regulates coal combustion residuals (CCR) from coal-fired electric power plants that are disposed of on land in accordance with North Carolina General Statute 130a, which includes the Coal Ash Management Act of 2014 (SL 2014-122 on August 20, 2014). CCRs primarily consist of coal bottom and fly ash, and flue gas desulfurization residuals.

Government Publication Date: Aug 4, 2021

Incident Management Database (Regional Underground Storage Tanks): LUST

List of sites where there has been a release of petroleum to the soil and/or groundwater, from an Underground Storage Tank (UST) system. Data is extracted from the Regional Underground Storage Tank (RUST) database made available by the Division of Waste Management in the North Carolina Department of Environmental Quality (DEQ).

Government Publication Date: Feb 15, 2023

Hazard Substance Disposal Sites: HSDS

A list of Hazard Substance Disposal Sites that are maintained by North Carolina Center for Geographic Information and Analysis. This list monitors the locations of unregulated and uncontrolled hazard waste sites. This list is the state equivalent of National Priority List (NPL).

Government Publication Date: Jan 1, 1999

Aboveground Incident Management Database (Regional Aboveground Storage Tanks): LAST

This list of sites where there has been a discharge of petroleum to the soil and/or groundwater, from a source other than an Underground Storage Tank (UST) system (i.e., Aboveground Storage Tank (AST) system, spills, dumping, etc.) is provided by The Division of Waste Management (DWM) in the North Carolina Department of Environmental Quality (DEQ). The data is compiled from the DEQ's Aboveground Incident Management Database (Regional Aboveground Storage Tanks), Online GIS Data Set, and DWM's Site Locator Map Tool.

Government Publication Date: Jan 6, 2023

Delisted Leaking Storage Tanks: DELISTED LST

List of leaking storage tank sites which were once included, but have since been removed from the Incident Management Databases made available by the North Carolina Department of Environmental Quality (DEQ)'s Division of Waste Management.

Government Publication Date: Feb 15, 2023

Registered Tanks Database: UST

List of registered underground storage tanks made available by the Division of Waste Management in North Carolina's Department of Environmental Quality (DEQ).

Government Publication Date: Jan 11, 2023

Aboveground Storage Tanks: AST

A listing of registered Aboveground Storage Tank sites made available by the North Carolina Department of Environmental Quality (DEQ). Note that aboveground storage tanks are only required to be registered with NC DEQ if they meet the definition of an Oil Terminal Facility.

Government Publication Date: Mar 7, 2023

Petroleum Storage Tanks: TANK

A list of petroleum storage tanks made available by the Division of Waste Management in the North Carolina Department of Environmental Quality (DEQ).

Government Publication Date: Jan 11, 2023

Delisted Storage Tanks: DTNK

List of sites which were once included, but have since been removed from the Underground or Aboveground Storage Tank databases made available by the Division of Waste Management in the North Carolina Department of Environmental Quality (DEQ).

Government Publication Date: Mar 7, 2023

Petroleum Contaminated Soil Remediation Permits: SOIL REM PERMITS

A list of sites that have received a permit or Certificate of Approval from the North Carolina Underground Storage Tank Section, under the Petroleum Contaminated Soil Remediation Permit Program. This list is made available by the North Carolina Department of Environmental Quality (NCDEQ), Division of Waste Management (DWM).

Government Publication Date: Aug 9, 2022

No Further Action Sites with Land Use Restrictions Monitoring: INST

This list of No Further Action Sites with Land Use Restrictions recorded as part of the remedy, originates from the North Carolina Department of Environmental Quality (DEQ), Division of Waste Management's Inactive hazardous Sites data.

Government Publication Date: Jan 31, 2023

Land Use Restriction and/or Notices: LUR

Locations of sites or projects managed by the NCDEQ, Division of Waste Management (DWM) having a Notice and/or Land Use Restrictions recorded at a local register of deeds office. The location data is a combined collection from eight (8) sections or programs operating within the DWM. The Notice and/or Land Use Restrictions are allowed based on the following North Carolina General Statutes: Notice of Open Dump; G.S. §130A-301(f); Notice of Inactive Hazardous Substance or Waste Disposal Site; G.S. §130A-310.8; Notice of Brownfields Property; G.S. §130A-310.35; Notice of Oil or Hazardous Substance Discharge Site; G.S. §143-215.85A; Notice of Dry-Cleaning Solvent Remediation; G.S. §143-215.104M; Notice of Contaminated Site; G.S. §143B-279.10; Notice of Residual Petroleum; G.S. §143B-279.11; Notice of Residual Contamination; G.S. §130A-310.71(e).

Government Publication Date: May 4, 2022

Fuel Service Stations: FUEL STATIONS

List of active fuel service stations made available by the North Carolina Department of Agriculture & Consumer Services (NCDA&CS). The NCDA&CS have responsibilities in regulatory and service areas covering agronomy including weights and measures and gas and oil inspection.

Government Publication Date: Aug 29, 2022

Delisted Fuel Service Stations: DELISTED FSS

A list of Fuel Service Stations that has been delisted from the active fuel service stations list which is made available by the North Carolina Department of Agriculture & Consumer Services (NCDA&CS).

Government Publication Date: Jun 3, 2021

Responsible Party Voluntary Action Sites: VCP

List of Responsible Party Voluntary Action Sites administered by the Inactive Hazardous Sites Branch of the Superfund Section of the North Carolina Department of Environmental Quality (DEQ). This site listing originates from the DEQ's Inactive Hazardous Sites data.

Government Publication Date: Jan 31, 2023

Brownfields Projects Inventory: BROWNFIELDS

A "brownfields site" is an abandoned, idled or underused property where the threat of environmental contamination has hindered redevelopment. The North Carolina Brownfields Program, which is administered by the Division of Waste Management in the North Carolina Department of Environmental Quality (DEQ), is the state's effort to break this barrier to the redevelopment of these sites.

Government Publication Date: Oct 5, 2022

Tribal

Leaking Underground Storage Tanks on Tribal/Indian Lands: INDIAN LUST

This list of leaking underground storage tanks (LUSTs) on Tribal/Indian Lands in Region 4, which includes North Carolina, is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Nov 23, 2022

Underground Storage Tanks on Tribal/Indian Lands: INDIAN UST

This list of underground storage tanks (USTs) on Tribal/Indian Lands in Region 4, which includes North Carolina, is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Nov 23, 2022

Delisted Tribal Leaking Storage Tanks: DELISTED INDIAN LST

Leaking Underground Storage Tank (LUST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian LUST lists made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Nov 23, 2022

Delisted Tribal Underground Storage Tanks: DELISTED INDIAN UST

Underground Storage Tank (UST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian UST lists made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Nov 23, 2022

County

No County standard environmental record sources available for this State.

Additional Environmental Record Sources

Federal

Facility Registry Service/Facility Index: FINDS/FRS

The Facility Registry Service (FRS) is a centrally managed database that identifies facilities, sites, or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, and data collected from EPA's Central Data Exchange registrations and data management personnel. This list is made available by the Environmental Protection Agency (US EPA).

Government Publication Date: Aug 18, 2022

Toxics Release Inventory (TRI) Program: TRIS

The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U. S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

Government Publication Date: Aug 24, 2021

PFOA/PFOS Contaminated Sites: PFAS NPL

List of National Priorities List (NPL) and related Superfund Alternative Agreement (SAA) sites where PFOA or PFOS contaminants have been found in water and/or soil. The site listing is provided by the Federal Environmental Protection Agency (EPA).

Government Publication Date: Dec 28, 2022

Federal Agency Locations with Known or Suspected PFAS Detections: PFAS FED SITES

List of Federal agency locations with known or suspected detections of Per- and Polyfluoroalkyl Substances (PFAS), made available by the U.S. Environmental Protection Agency (EPA) in their PFAS Analytic Tools data. EPA outlines that these data are gathered from several federal entities, such as the Federal Superfund program, Department of Defense (DOD), National Aeronautics and Space Administration, Department of Transportation, and Department of Energy. Sites on this list do not necessarily reflect the source/s of contamination and detections do not indicate level of risk or human exposure at the site. Agricultural notifications in this data are limited to DOD sites only. At this time, the EPA is aware that this list is not comprehensive of all Federal agencies.

Government Publication Date: Jun 30, 2022

SSEHRI PFAS Contamination Sites: PFAS SSEHRI

This PFAS Contamination Site Tracker database is compiled by the Social Science Environmental Health Research Institute (SSEHRI) at Northeastern University. According to the SSEHRI, the database records qualitative and quantitative data from each known site of PFAS contamination, including timeline of discovery, sources, levels, health impacts, community response, and government response. The goal of this database is to compile information and support public understanding of the rapidly unfolding issue of PFAS contamination. All data presented was extracted from government websites, news articles, or publicly available documents, and this is cited in the tracker. Disclaimer: The source conveys this database undergoes regular updates as new information becomes available, some sites may be missing and/or contain information that is incorrect or outdated, as well as their information represents all contamination sites SSEHRI is aware of, not all possible contamination sites. This data is not intended to be used for legal purposes. Limited location details are available with this data. Access the following for the most current informations https://pfasproject.com/pfas-contamination-site-tr acker/

Government Publication Date: Dec 12, 2019

National Response Center PFAS Spills: ERNS PFAS

National Response Center (NRC) calls from 1990 to the most recent complete calendar year where there is indication of Aqueous Film Forming Foam (AFFF) usage. NRC calls may reference AFFF usage in the "Material Involved" or "Incident Description" fields. Data made available by the US Environmental Protection Agency (EPA). Disclaimer: dataset may include initial or misidentified incident data not yet validated or investigated by a federal/state response agency.

Government Publication Date: Feb 23, 2022

PFAS NPDES Discharge Monitoring: PFAS NPDES

This list of National Pollutant Discharge Elimination System (NPDES) permitted facilities with required monitoring for Per- and Polyfluoroalkyl (PFAS) Substances is made available via the U.S. Environmental Protection Agency (EPA)'s PFAS Analytic Tools. Any point-source wastewater discharger to waters of the United States must have a NPDES permit, which defines a set of parameters for pollutants and monitoring to ensure that the discharge does not degrade water quality or impair human health. This list includes NPDES permitted facilities associated with permits that monitor for Per- and Polyfluoroalkyl Substances (PFAS), limited to the years 2007 - present. EPA further advises the following regarding these data: currently, fewer than half of states have required PFAS monitoring for at least one of their permittees, and fewer states have established PFAS effluent limits for permittees. For states that may have required monitoring, some reporting and data transfer issues may exist on a state-by-state basis.

Government Publication Date: Feb 19, 2023

Perfluorinated Alkyl Substances (PFAS) from Toxic Release Inventory: PFAS TRI

List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a Per- or polyfluorinated alkyl substance (PFAS) included in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances. The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment.

Government Publication Date: Aug 24, 2021

Perfluorinated Alkyl Substances (PFAS) Water Quality: PFAS WATER

The Water Quality Portal (WQP) is a cooperative service sponsored by the United States Geological Survey (USGS), the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC). This listing includes records from the Water Quality Portal where the characteristic (environmental measurement) is in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances.

Government Publication Date: Jul 20, 2020

PFAS TSCA Manufacture and Import Facilities: PFAS TSCA

The US Environmental Protection Agency (EPA) issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) requiring facilities that manufacture or import chemical substances to report to EPA. This list is specific to TSCA Manufacture and Import Facilities with reported per- and poly-fluoroalkyl substances (PFAS). Data file made available by the EPA and includes CDR/Inventory Update Reporting data from 1998 up to 2020. EPA makes notes the following about these data: this data file includes production and importation data for chemicals identified in EPA's CompTox Chemicals Dashboard list of PFAS without explicit structures and list of PFAS structures in DSSTox. Note that some regulations have specific chemical structure requirements that define PFAS differently than the lists in EPA's CompTox Chemicals Dashboard. Reporting information on manufactured or imported chemical substance amounts should not be compared between facilities, as some companies claim Chemical Data Reporting Rule data fields for PFAS information as Confidential Business Information.

Government Publication Date: Jun 20, 2022

Hazardous Materials Information Reporting System: HMIRS

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

Government Publication Date: Sep 1, 2020

National Clandestine Drug Labs: NCDL

The U.S. Department of Justice ("the Department"), Drug Enforcement Administration (DEA), provides this data as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy.

Government Publication Date: Aug 30, 2022

Toxic Substances Control Act: TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).

Government Publication Date: Apr 11, 2019

Hist TSCA: HIST TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing: FTTS ADMIN

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing: FTTS INSP

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List: PRP

Early in the site cleanup process, the U.S. Environmental Protection Agency (EPA) conducts a search to find the Potentially Responsible Parties (PRPs). The EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site. This listing contains PRPs, Noticed Parties, at sites in the EPA's Superfund Enterprise Management System (SEMS).

Government Publication Date: Jan 25, 2023

State Coalition for Remediation of Drycleaners Listing: SCRD DRYCLEANER

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin. Since 2017, the SCRD no longer maintains this data, refer to applicable state source data where available.

Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS): ICIS

The U.S. Environmental Protection Agency's Enforcement and Compliance History Online system incorporates data from the Integrated Compliance Information System - National Pollutant Discharge Elimination System (ICIS-NPDES). ICIS-NPDES is an information management system maintained by the Office of Compliance to track permit compliance and enforcement status of facilities regulated by the NPDES under the Clean Water Act. This data includes permit, inspection, violation and enforcement action information for applicable ICIS records.

Government Publication Date: Oct 15, 2022

Drycleaner Facilities: FED DRYCLEANERS

A list of drycleaner facilities from Enforcement and Compliance History Online (ECHO) data as made available by the U.S. Environmental Protection Agency (EPA), sourced from the ECHO Exporter file. The EPA tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

Government Publication Date: Dec 11, 2022

Delisted Drycleaner Facilities: DELISTED FED DRY

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

Government Publication Date: Dec 11, 2022

Formerly Used Defense Sites: FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DOD) is responsible for an environmental restoration. The FUDS Annual Report to Congress (ARC) is published by the U.S. Army Corps of Engineers (USACE). This data is compiled from the USACE's Geospatial FUDS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) FUDS dataset.

Government Publication Date: Jul 12, 2022

Former Military Nike Missile Sites: FORMER NIKE

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites. During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

Government Publication Date: Dec 2, 1984

PHMSA Pipeline Safety Flagged Incidents: PIPELINE INCIDENT

A list of flagged pipeline incidents made available by the U.S. Department of Transportation (US DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA). PHMSA regulations require incident and accident reports for five different pipeline system types.

Government Publication Date: Mar 31, 2021

Material Licensing Tracking System (MLTS): MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

Government Publication Date: May 11, 2021

Historic Material Licensing Tracking System (MLTS) sites: HIST MLTS

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

Government Publication Date: Jan 31, 2010

Mines Master Index File: MINES

The Master Index File (MIF) is provided by the United State Department of Labor, Mine Safety and Health Administration (MSHA). This file, which was originally created in the 1970's, contained many Mine-IDs that were invalid. MSHA removes invalid IDs from the MIF upon discovery. MSHA applicable data includes the following: all Coal and Metal/Non-Metal mines under MSHA's jurisdiction since 1/1/1970; mine addresses for all mines in the database except for Abandoned mines prior to 1998 from MSHA's legacy system (addresses may or may not correspond with the physical location of the mine itself); violations that have been assessed penalties as a result of MSHA inspections beginning on 1/1/2000; and violations issued as a result of MSHA inspections conducted beginning on 1/1/2000.

Government Publication Date: Nov 7, 2022

Surface Mining Control and Reclamation Act Sites: SMCRA

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

Government Publication Date: Aug 18, 2022

Mineral Resource Data System: MRDS

The Mineral Resource Data System (MRDS) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS. The USGS has ceased systematic updates of the MRDS database with their focus more recently on deposits of critical minerals while providing a well-documented baseline of historical mine locations from USGS topographic maps.

Government Publication Date: Mar 15, 2016

DOE Legacy Management Sites: LM SITES

The U.S. Department of Energy (DOE) Office of Legacy Management (LM) currently manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The LM manages sites with diverse regulatory drivers (statutes or programs that direct cleanup and management requirements at DOE sites) or as part of internal DOE or congressionally-recognized programs, such as but not limited to: Formerly Utilized Sites Remedial Action Program (FUSRAP), Uranium Mill Tailings Radiation Control Act (UMTRCA Title I, Tile II), Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Resource Conservation and Recovery Act (RCRA), Decontamination and Decommissioning (D&D), Nuclear Waste Policy Act (NWPA). This site listing includes data exported from the DOE Office of LM's Geospatial Environmental Mapping System (GEMS). GEMS Data disclaimer: The DOE Office of LM makes no representation or warranty, expressed or implied, regarding the use, accuracy, availability, or completeness of the data presented herein.

Government Publication Date: Dec 1, 2022

Alternative Fueling Stations: ALT FUELS

This list of alternative fueling stations is sourced from the Alternative Fuels Data Center (AFDC). The U.S. Department of Energy's Office of Energy Efficiency & Renewable Energy launched the AFDC in 1991 as a repository for alternative fuel vehicle performance data, which provides a wealth of information and data on alternative and renewable fuels, advanced vehicles, fuel-saving strategies, and emerging transportation technologies. The data includes Biodiesel (B20 and above), Compressed Natural Gas (CNG), Electric, Ethanol (E85), Hydrogen, Liquefied Natural Gas (LNG), Propane (LPG) fuel type locations.

Government Publication Date: Jan 3, 2023

Superfunds Consent Decrees: CONSENT DECREES

This list of Superfund consent decrees is provided by the Department of Justice, Environment & Natural Resources Division (ENRD) through a Freedom of Information Act (FOIA) applicable file. This listing includes Consent Decrees for CERCLA or Superfund Sites filed and/or as proposed within the ENRD's Case Management System (CMS) since 2010. CMS may not reflect the latest developments in a case nor can the agency guarantee the accuracy of the data. ENRD Disclaimer: Congress excluded three discrete categories of law enforcement and national security records from the requirements of the FOIA; response is limited to those records that are subject to the requirements of the FOIA; however, this should not be taken as an indication that excluded records do, or do not, exist.

Government Publication Date: Jan 11, 2023

Air Facility System: AFS

This EPA retired Air Facility System (AFS) dataset contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners. AFS does not contain data on facilities that are solely asbestos demolition and/or renovation contractors, or landfills. ECHO Clean Air Act data from AFS are frozen and reflect data as of October 17, 2014; the EPA retired this system for Clean Air Act stationary sources and transitioned to ICIS-Air.

Government Publication Date: Oct 17, 2014

Registered Pesticide Establishments: SSTS

List of active EPA-registered foreign and domestic pesticide-producing and device-producing establishments based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that facilities producing pesticides, active ingredients, or devices be registered. The list of establishments is made available by the EPA.

Government Publication Date: Mar 30, 2022

Polychlorinated Biphenyl (PCB) Transformers: PCBT

Locations of Transformers Containing Polychlorinated Biphenyls (PCBs) registered with the United States Environmental Protection Agency. PCB transformer owners must register their transformer(s) with EPA. Although not required, PCB transformer owners who have removed and properly disposed of a registered PCB transformer may notify EPA to have their PCB transformer de-registered. Data made available by EPA.
Government Publication Date: Oct 15, 2019

Polychlorinated Biphenyl (PCB) Notifiers: PCB
Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.
Government Publication Date: Nov 3, 2022

State

Dry Cleaning Contamination and Solvent Cleanup Act (DSCA) Program: DRYC DSCA
List of Dry Cleaning sites known to the Division of Waste Management in the Department of Environmental Quality (DEQ), including: sites that have been certified into the Dry-Cleaning Solvent Cleanup Act Program (DSCA) Program; sites that are being investigated by the DSCA Program for dry-cleaning solvent contamination; sites that have been investigated and determined not to have been contaminated by dry-cleaning solvent contamination. Made available by the North Carolina Department of Environmental Quality.
Government Publication Date: Dec 16, 2021

Drycleaning Historical Boiler Inspections: DRYC HIST BOILER
North Carolina Department of Labor drycleaner boiler inspections between the years of 1970 and 2005. Made available by the North Carolina Department of Environmental Quality in their Online GIS, for visual reference of possible historical dry-cleaning activity.
Government Publication Date: Dec 6, 2021

Drycleaning City Directories: DRYC CITY DIR
Names and address of dry-cleaning businesses collected from historical city directories, made available by the North Carolina Department of Environmental Quality.
Government Publication Date: Dec 6, 2021

Dry Cleaning Facilities: DRYCLEANERS
A list of dry cleaners made available by the North Carolina Department of Environmental Quality (DEQ), Division of Waste Management. This listing includes active and inactive facilities that are subject to compliance inspections and also closed facilities that are no longer subject to compliance inspections.
Government Publication Date: Apr 27, 2022

Delisted Dry Cleaning Facilities: DELISTED DRYCLEANERS
List of dry cleaner locations which were once included, but no longer appear on, the list of dry cleaner locations made available by the Division of the Waste Management of North Carolina Department of Environmental Quality (DEQ).
Government Publication Date: Apr 27, 2022

Incident Management Database (Spills): SPILLS
The Incident Management Database (IMD) tracks spills, hazardous material releases, sanitary sewer overflows and wastewater treatment plant bypasses. This database is managed by the Pretreatment, Emergency Response and Collection Systems (PERCS) unit of the Department of Environmental Quality (DEQ).
Government Publication Date: Oct 28, 2021

Manufactured Gas Plant (MGP) Sites: MGP
A list of Manufactured Gas Plant (MGP) sites participating in the MGP Assessment and Remediation Program as described in the Administrative Order on Consent 00-SF-192. This list is made available by the North Carolina Environmental Quality (NCDEQ) Division of Waste Management.
Government Publication Date: Dec 12, 2019

Per- and Polyfluoroalkyl Substances (PFAS): PFAS
A list of sites where Per- and Polyfluoroalkyl Substances (PFAS) has been identified, made available by the North Carolina Department of Environment Quality.
Government Publication Date: Aug 27, 2020

Recycling Markets Directory: SWRCY

List of recycling facilities made available by the Division of Environmental Assistance and Customer Service (DEACS) of the NC Department of Environmental Quality. Information is based on data supplied by the listed organizations to DEACS. DEACS is a non-regulatory state agency, does not regularly inspect facilities, and does not represent that the companies are, or are not, in compliance with applicable federal, state and local laws.

Government Publication Date: Feb 28, 2023

Hazardous Waste Sites: HAZ

A list of sites within North Carolina that are regulated by the hazardous waste portions of the Resource Conservation and Recovery Act (RCRA). This list is provided by the North Carolina Department of Environmental Quality (NC DEQ), Division of Waste Management.

Government Publication Date: Aug 9, 2022

Permitted Septage Sites: SDTF

List of active and permitted Septage Detention and Treatment Facility (SDTF) sites in North Carolina, made available by the North Carolina Department of Environmental Quality.

Government Publication Date: Sep 21, 2018

Tier 2 Report: TIER 2

A list of Tier 2 facilities in North Carolina. This list is made available by the North Carolina Department of Environmental Quality (NC DEQ).

Government Publication Date: Oct 30, 2020

Underground Injection Control Wells: UIC

This list of Underground Injection Control Wells is made available by the North Carolina Department of Environment and Natural Resources.

Government Publication Date: Oct 26, 2020

Air Permitted Facilities: AIR PERMIT

This list of facilities with air quality permits is made available by the Air Quality Division of the North Carolina Department of Environment and Natural Resources.

Government Publication Date: Jul 21, 2020

Animal Feeding Operation Permits: FEEDLOTS

This list of animal feeding operation permits is made available by the Water Quality Division of the North Carolina Department of Environment and Natural Resources.

Government Publication Date: Oct 26, 2022

Tribal

No Tribal additional environmental record sources available for this State.

County

No County additional environmental record sources available for this State.

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

Appendix IV: Historical Research Documentation

HISTORICAL AERIALS

Project Property: Woodbridge
302 Grass Lane
Wilmington NC 28405

Project No: 49-20023

Requested By: ECS Limited Southeast

Order No: 23040400779

Date Completed: April 06,2023

Aerial Maps included in this report are produced by the sources listed above and are to be used for research purposes including a phase I report. Maps are not to be resold as commercial property. ERIS provides no warranty of accuracy or liability. The information contained in this report has been produced using aerial photos listed in above sources by ERIS Information Inc. (in the US) and ERIS Information Limited Partnership (in Canada), both doing business as 'ERIS'. The maps contained in this report do not purport to be and do not constitute a guarantee of the accuracy of the information contained herein. Although ERIS has endeavored to present information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

Environmental Risk Information Services
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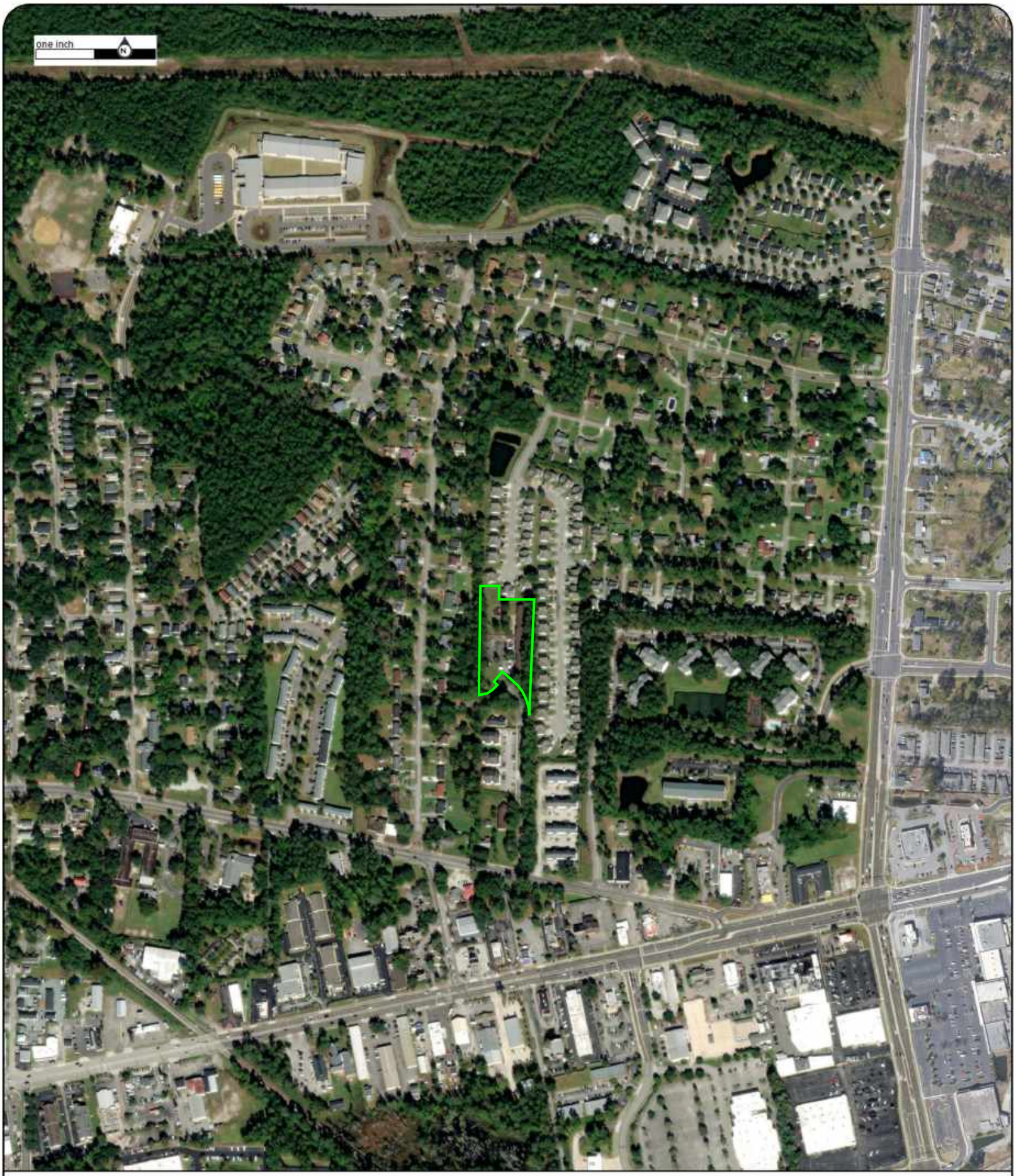
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Date	Source	Scale	Comments
2021	MAXAR TECHNOLOGIES	1" = 500'	
2020	United States Department of Agriculture	1" = 500'	
2018	United States Department of Agriculture	1" = 500'	
2016	United States Department of Agriculture	1" = 500'	
2014	United States Department of Agriculture	1" = 500'	
2012	United States Department of Agriculture	1" = 500'	
2010	United States Department of Agriculture	1" = 500'	
2009	United States Department of Agriculture	1" = 500'	
2008	United States Department of Agriculture	1" = 500'	
2006	United States Department of Agriculture	1" = 500'	
2004	United States Department of Agriculture	1" = 500'	
1998	United States Geological Survey	1" = 500'	
1993	United States Geological Survey	1" = 500'	
1983	United States Geological Survey	1" = 500'	
1975	United States Geological Survey	1" = 500'	Best Copy Available
1966	Agricultural Stabilization & Conserv. Service	1" = 500'	
1956	Agricultural Stabilization & Conserv. Service	1" = 500'	
1949	Agricultural Stabilization & Conserv. Service	1" = 500'	
1938	Agricultural Stabilization & Conserv. Service	1" = 500'	

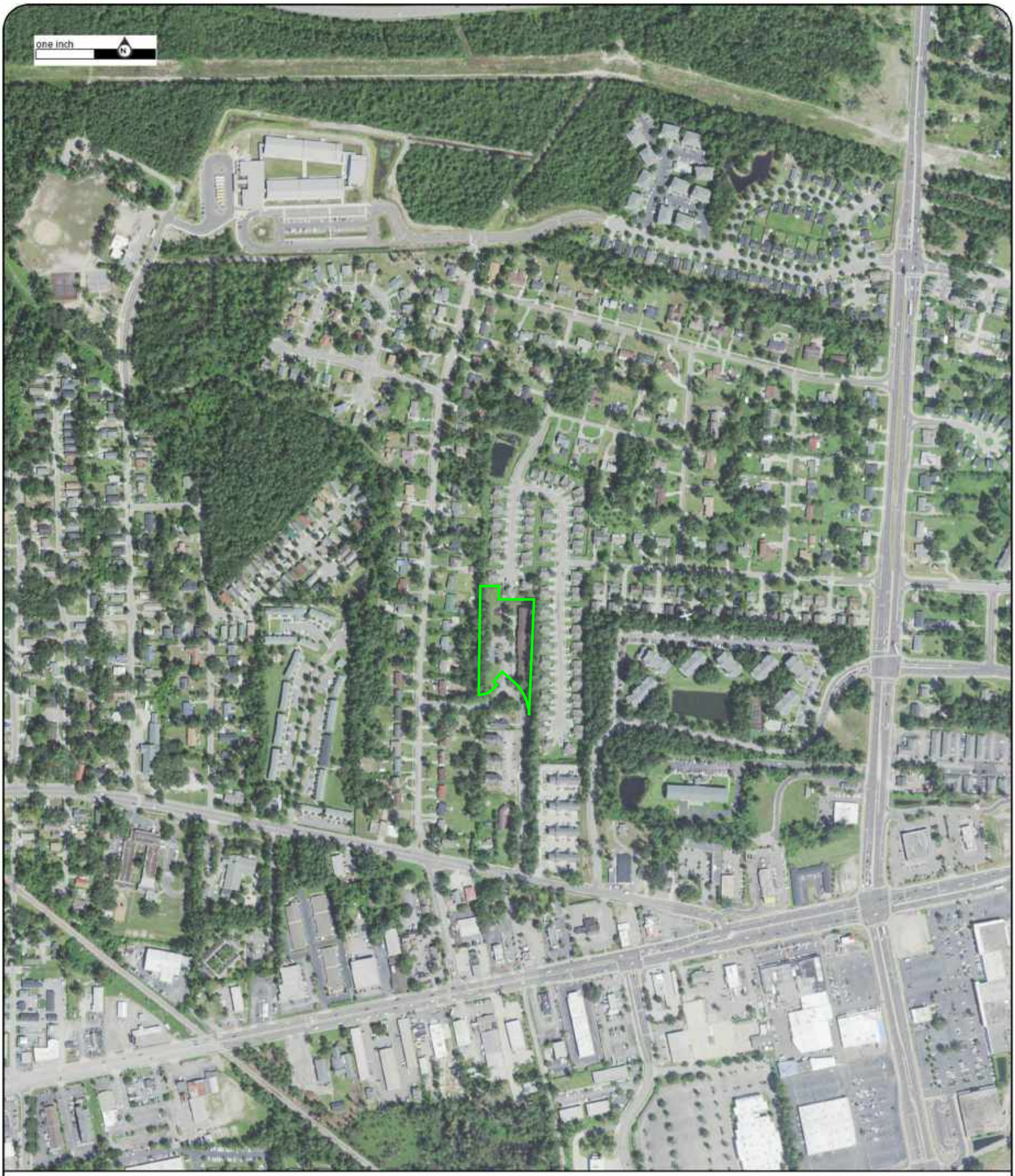


Year: 2021
Source: MAXAR
Scale: 1" = 500'
Comment:

Address: 302 Grass Lane, Wilmington, NC
Approx Center: -77.8954198,34.24585969

Order No: 23040400779

ERIS



Year: 2020
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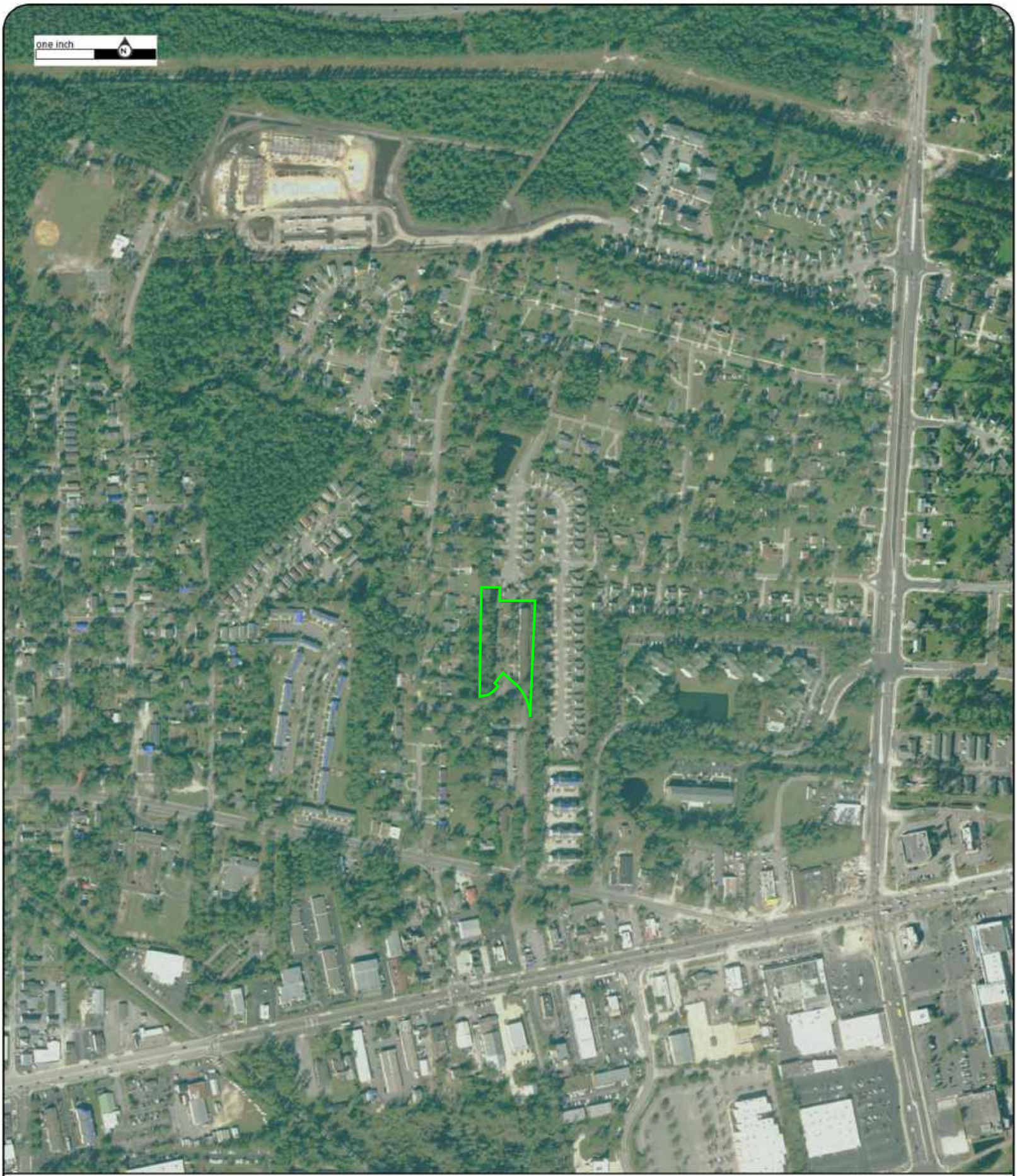
Comment:

Address: 302 Grass Lane, Wilmington, NC
Approx Center: -77.8954198,34.24585969

Order No: 23040400779

ERIS



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Source: USDA
Scale: 1" = 500'
Comment:

Address: 302 Grass Lane, Wilmington, NC
Approx Center: -77.8954198,34.24585969

Order No: 23040400779

ERIS

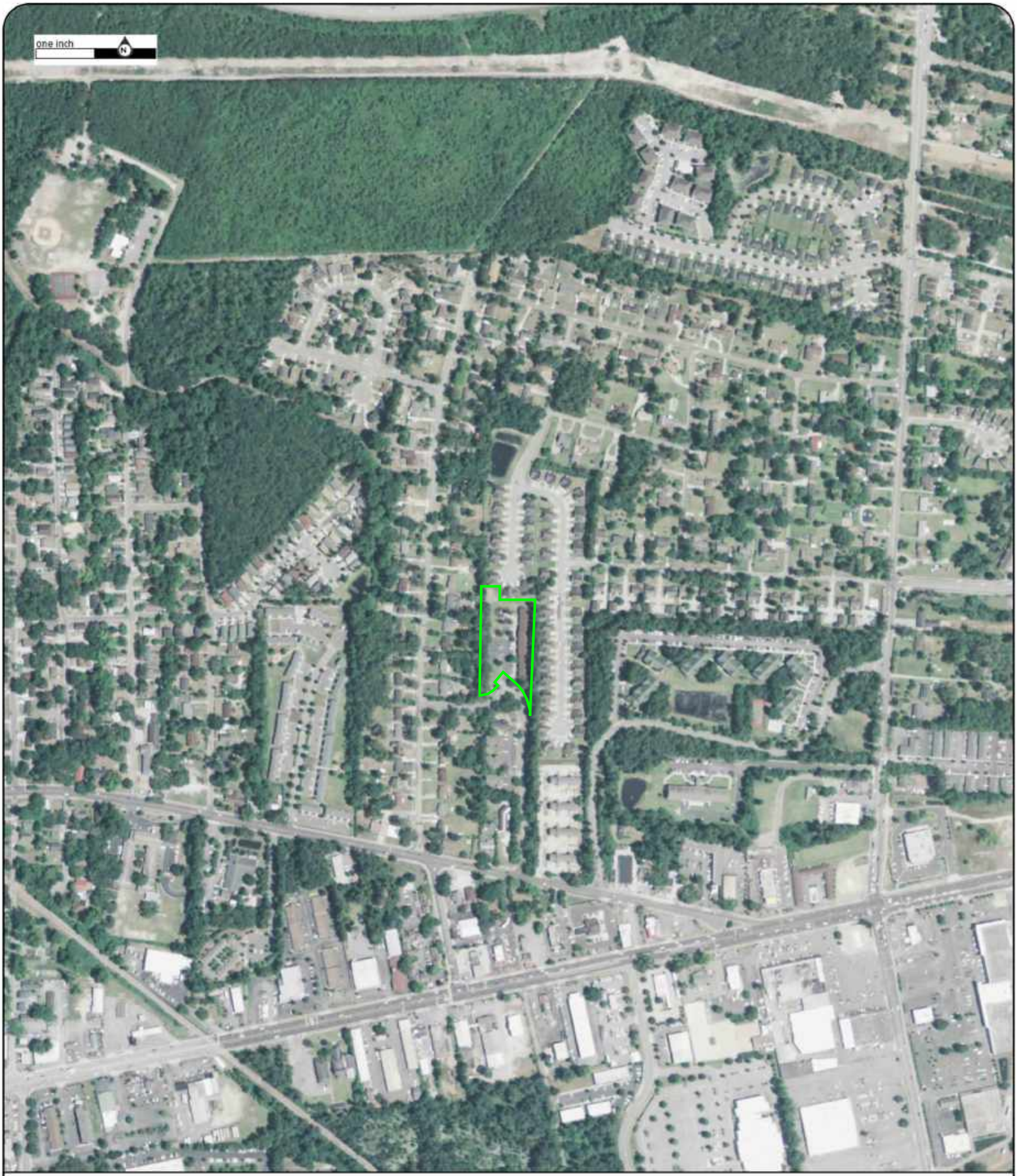


Year: 2016
Source: USDA
Scale: 1" = 500'
Comment:

Address: 302 Grass Lane, Wilmington, NC
Approx Center: -77.8954198,34.24585969

Order No: 23040400779

ERIS



Year: 2014
Source: USDA
Scale: 1" = 500'
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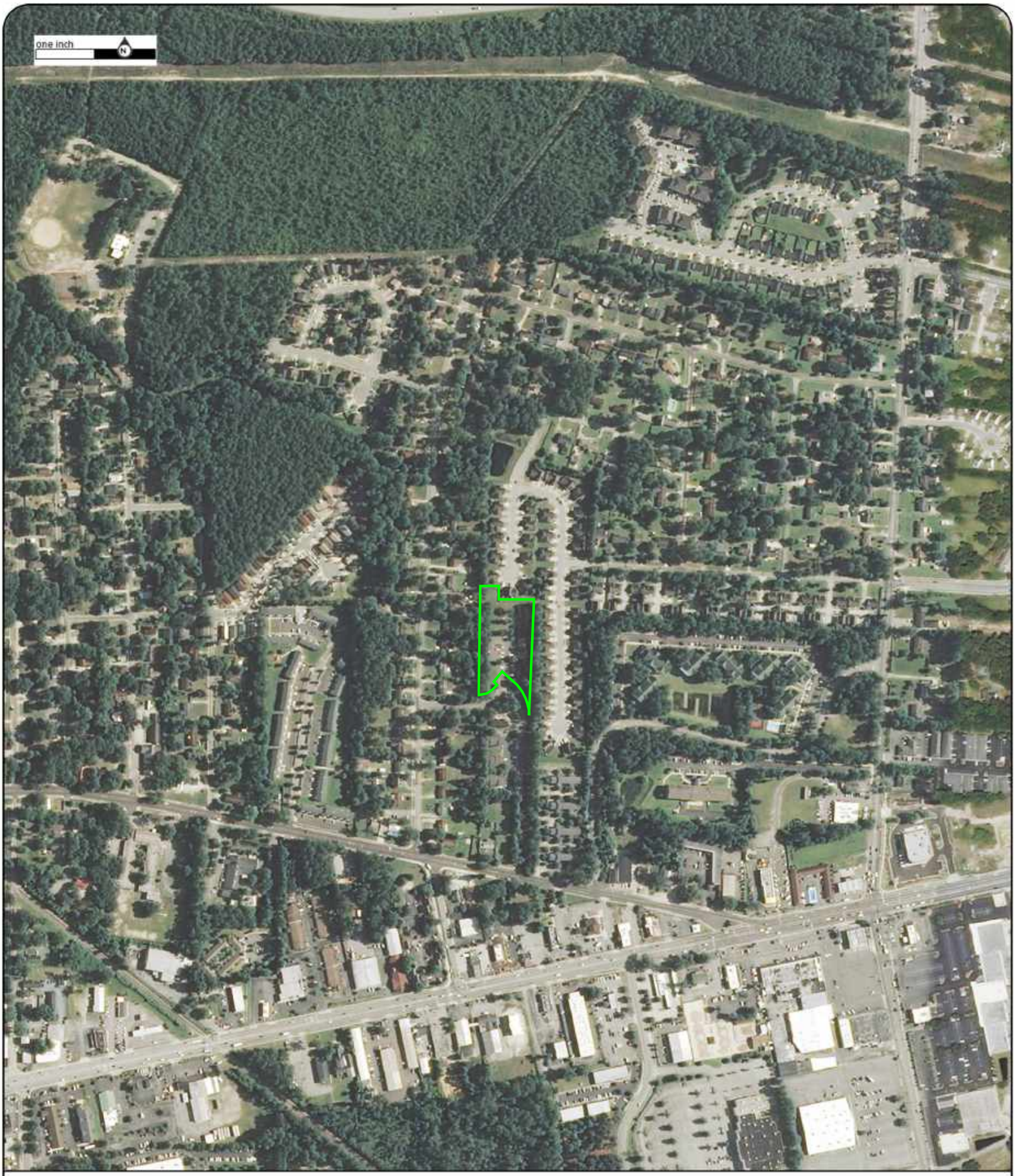
Approx Center: -77.8954198,34.24585969

Order No: 23040400779

ERIS



Year: 2012
Source: USDA
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Comment:

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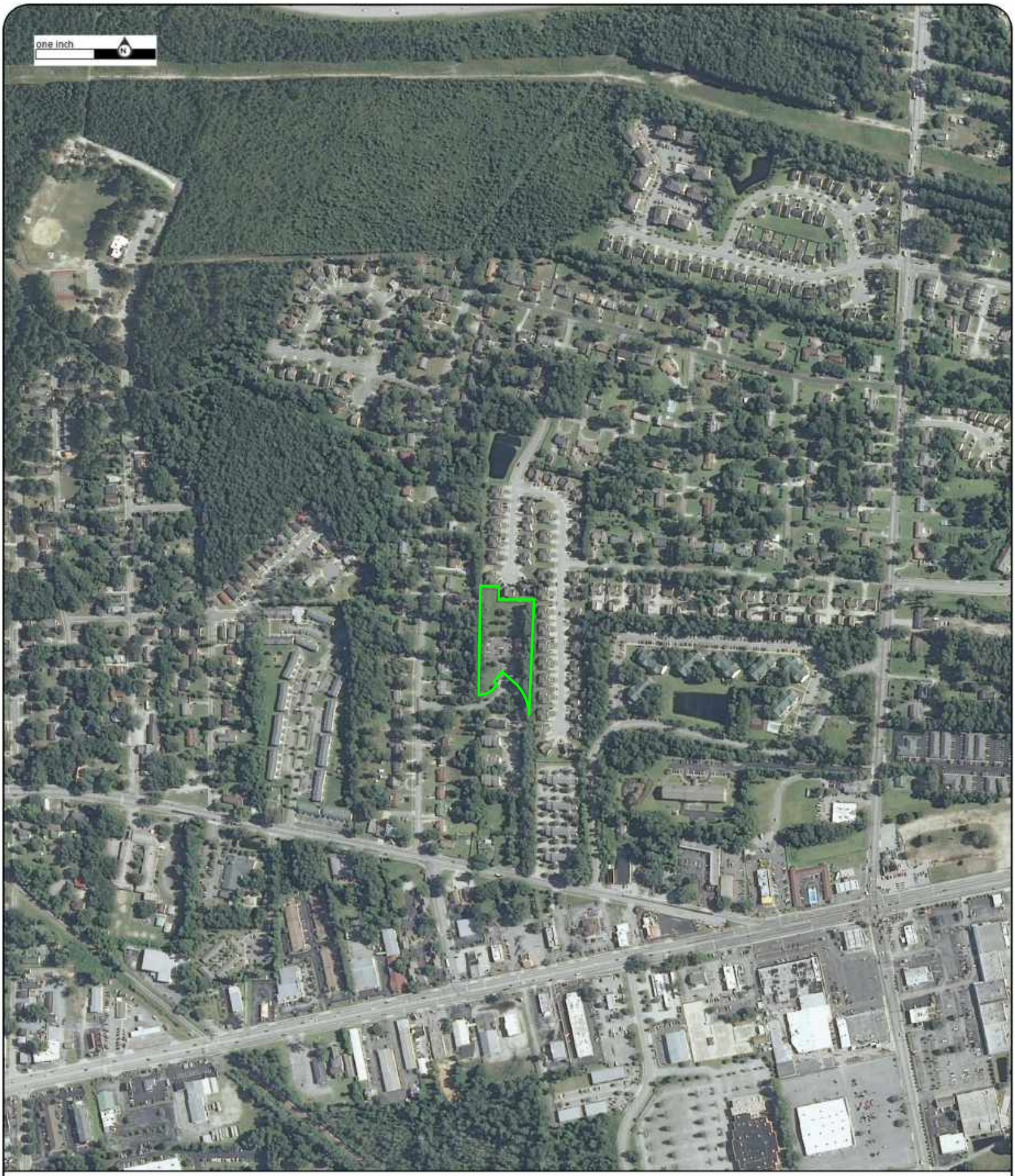
Approx Center: -77.8954198,34.24585969

Order No: 23040400779

ERIS



Year: 2010
Source: USDA
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Order No: 23040400779

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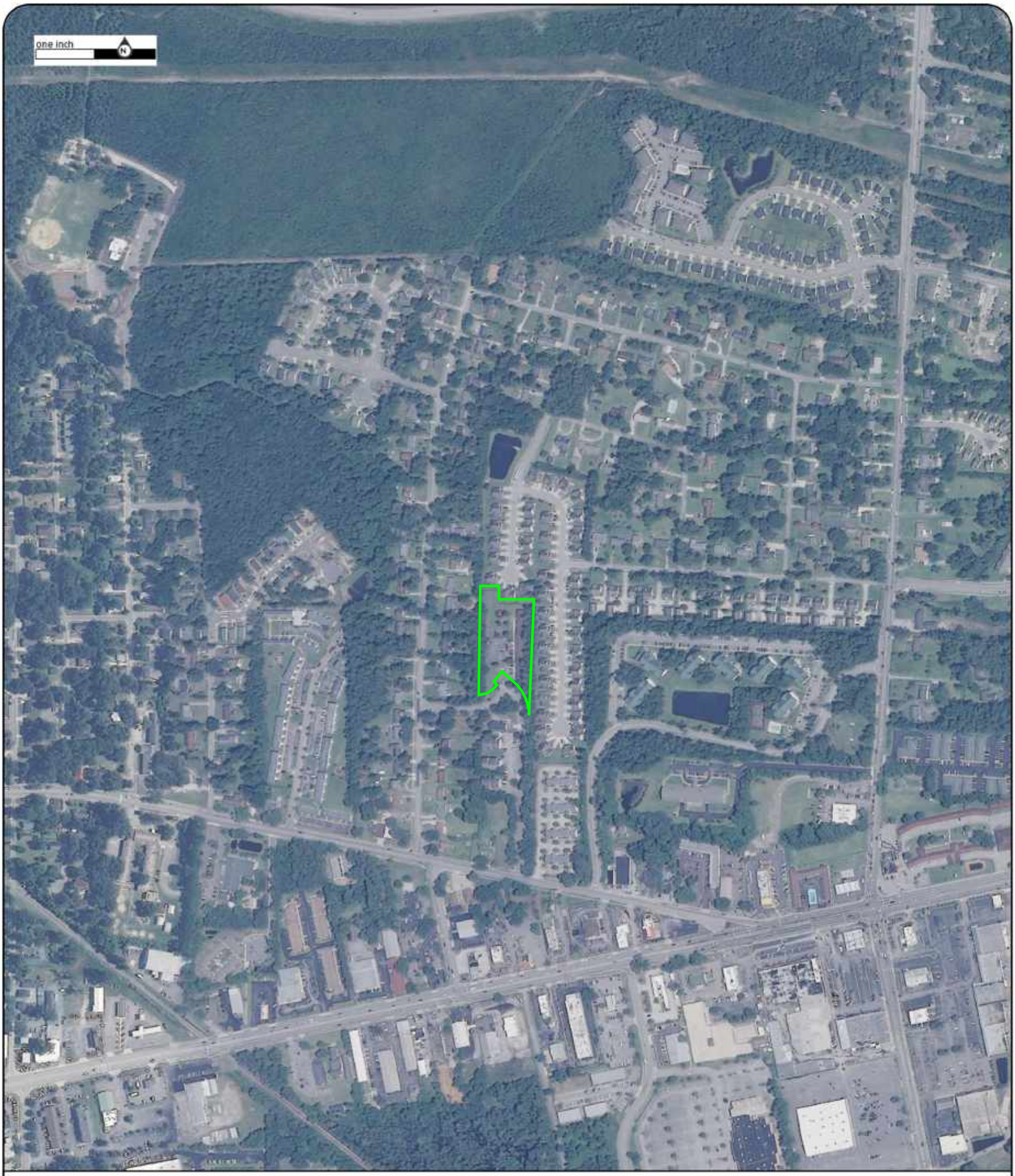

Year: 2009
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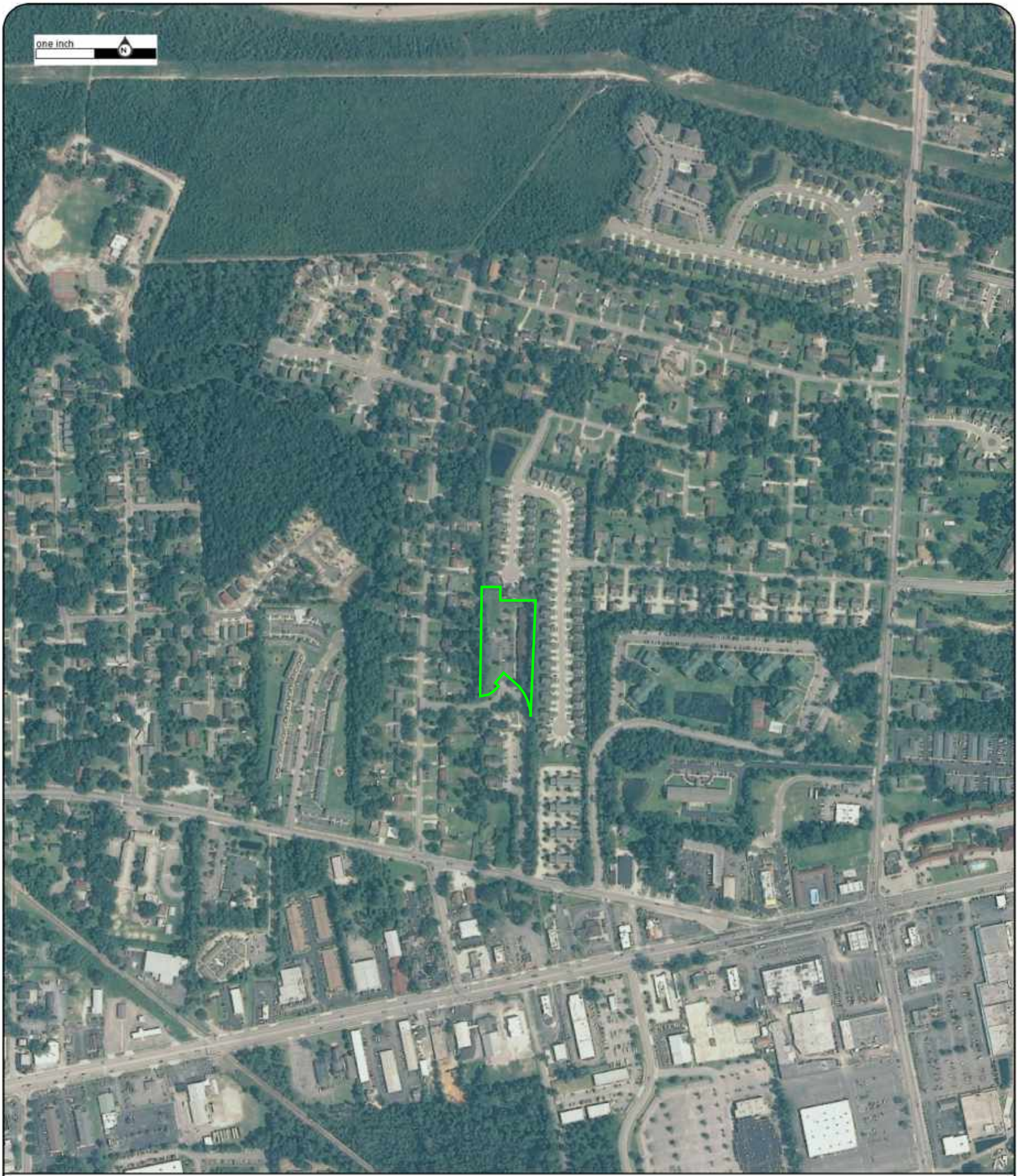
Approx Center: -77.8954198,34.24585969

Order No: 23040400779

ERIS



Year: 2008
Source: USDA
Scale: 1" = 500'
Comment:

Address: 302 Grass Lane, Wilmington, NC
Approx Center: -77.8954198,34.24585969

Order No: 23040400779

ERIS

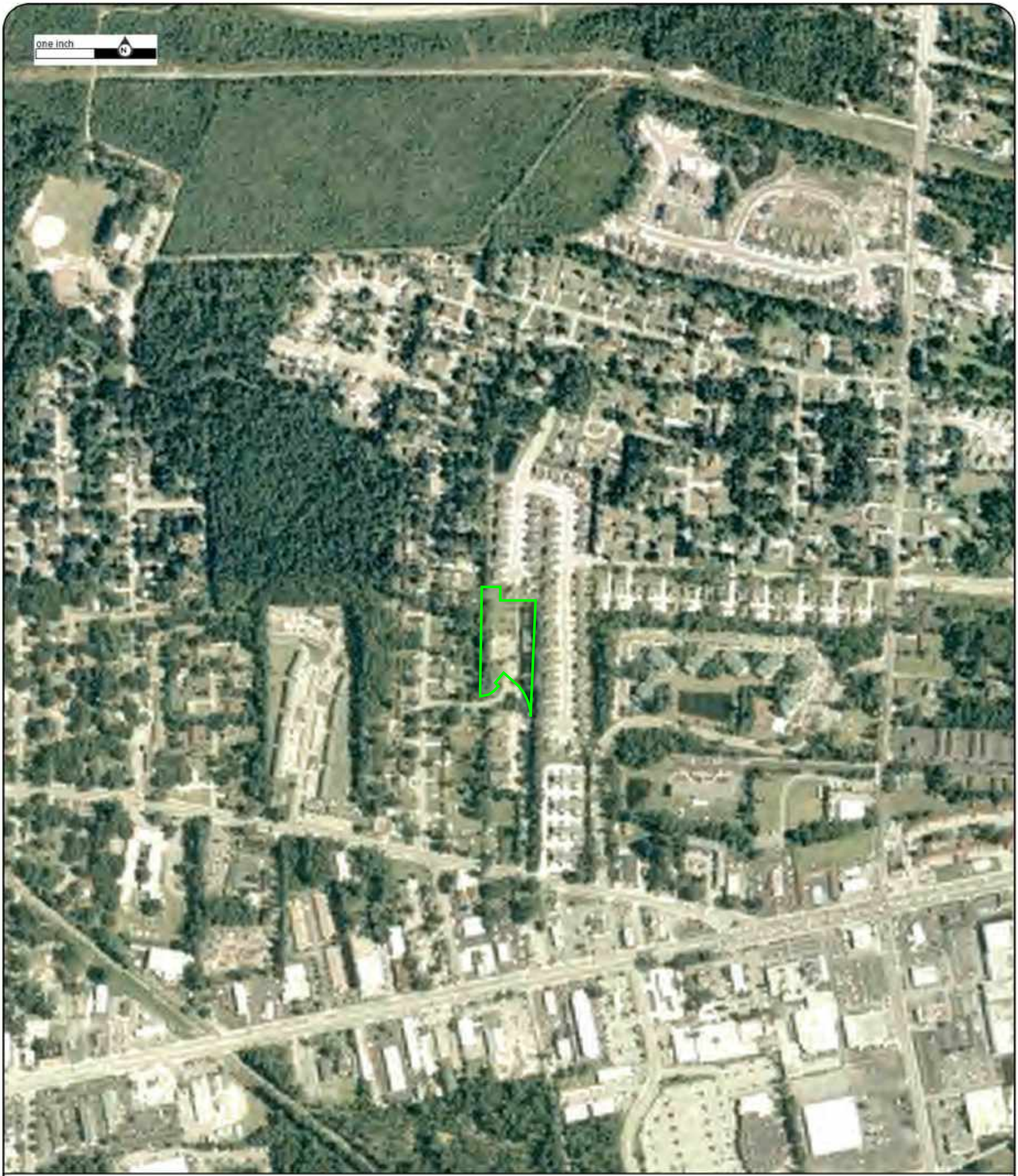


Year: 2006
Source: USDA
Scale: 1" = 500'
Comment:

Address: 302 Grass Lane, Wilmington, NC
Approx Center: -77.8954198,34.24585969

Order No: 23040400779

ERIS



Year: 2004
Source: USDA
Scale: 1" = 500'
Comment:

Address: 302 Grass Lane, Wilmington, NC
Approx Center: -77.8954198,34.24585969

Order No: 23040400779

ERIS



Year: 1998
Source: USGS
Scale: 1" = 500'
Comment:

Address: 302 Grass Lane, Wilmington, NC
Approx Center: -77.8954198,34.24585969

Order No: 23040400779

ERIS



Year: 1993
Source: USGS
Scale: 1" = 500'
Comment:

Address: 302 Grass Lane, Wilmington, NC
Approx Center: -77.8954198,34.24585969

Order No: 23040400779

ERIS



Year: 1983
Source: USGS
Scale: 1" = 500'
Comment:

Address: 302 Grass Lane, Wilmington, NC
Approx Center: -77.8954198,34.24585969

Order No: 23040400779

ERIS



Year: 1975
Source: USGS
Scale: 1" = 500'
Comment: Best Copy Available

Address: 302 Grass Lane, Wilmington, NC
Approx Center: -77.8954198,34.24585969

Order No: 23040400779

ERIS

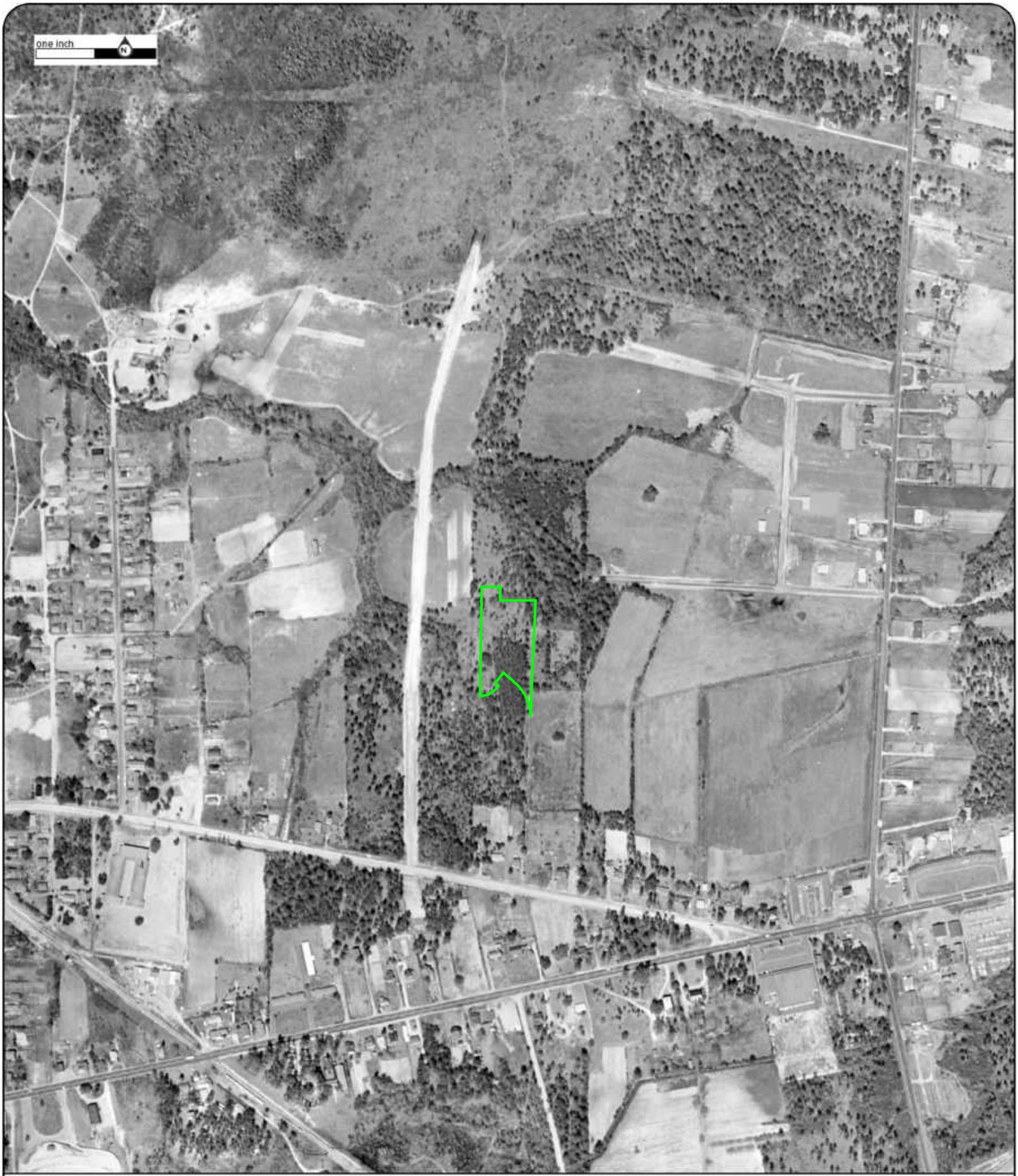


Year: 1966
Source: ASCS
Scale: 1" = 500'
Comment:

Address: 302 Grass Lane, Wilmington, NC
Approx Center: -77.8954198,34.24585969

Order No: 23040400779

ERIS



Year: 1956
Source: ASCS
Scale: 1" = 500'
Comment:

Address: 302 Grass Lane, Wilmington, NC
Approx Center: -77.8954198,34.24585969

Order No: 23040400779

ERIS



Year: 1949
Source: ASCS
Scale: 1" = 500'
Comment:

Address: 302 Grass Lane, Wilmington, NC
Approx Center: -77.8954198,34.24585969

Order No: 23040400779

ERIS



Year: 1938
Source: ASCS
Scale: 1" = 500'
Comment:

Address: 302 Grass Lane, Wilmington, NC
Approx Center: -77.8954198,34.24585969

Order No: 23040400779

ERIS

FIRE INSURANCE MAPS

Project Property:	Woodbridge 302 Grass Lane Wilmington NC 28405
Project No:	49-20023
Requested By:	ECS Limited Southeast
Order No:	23040400779
Date Completed:	April 05, 2023

Please note that no information was found for your site or adjacent properties.

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TOPOGRAPHIC MAPS

Project Property:	Woodbridge 302 Grass Lane Wilmington NC 28405
Project No:	49-20023
Requested By:	ECS Limited Southeast
Order No:	23040400779
Date Completed:	April 05, 2023

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We have searched USGS collections of current topographic maps and historical topographic maps for the project property. Below is a list of maps found for the project property and adjacent area. Maps are from 7.5 and 15 minute topographic map series, if available.

Year	Map Series
2019	7.5
2016	7.5
2013	7.5
1993	7.5
1980	7.5
1979	7.5
1970	7.5
1948	15
1942	15

Topographic Map Symbology for the maps may be available in the following documents:

Pre-1947

Page 223 of 1918 Topographic Instructions

Page 130 of 1928 Topographic Instructions

1947-2009

Topographic Map Symbols

2009-present

US Topo Map Symbols

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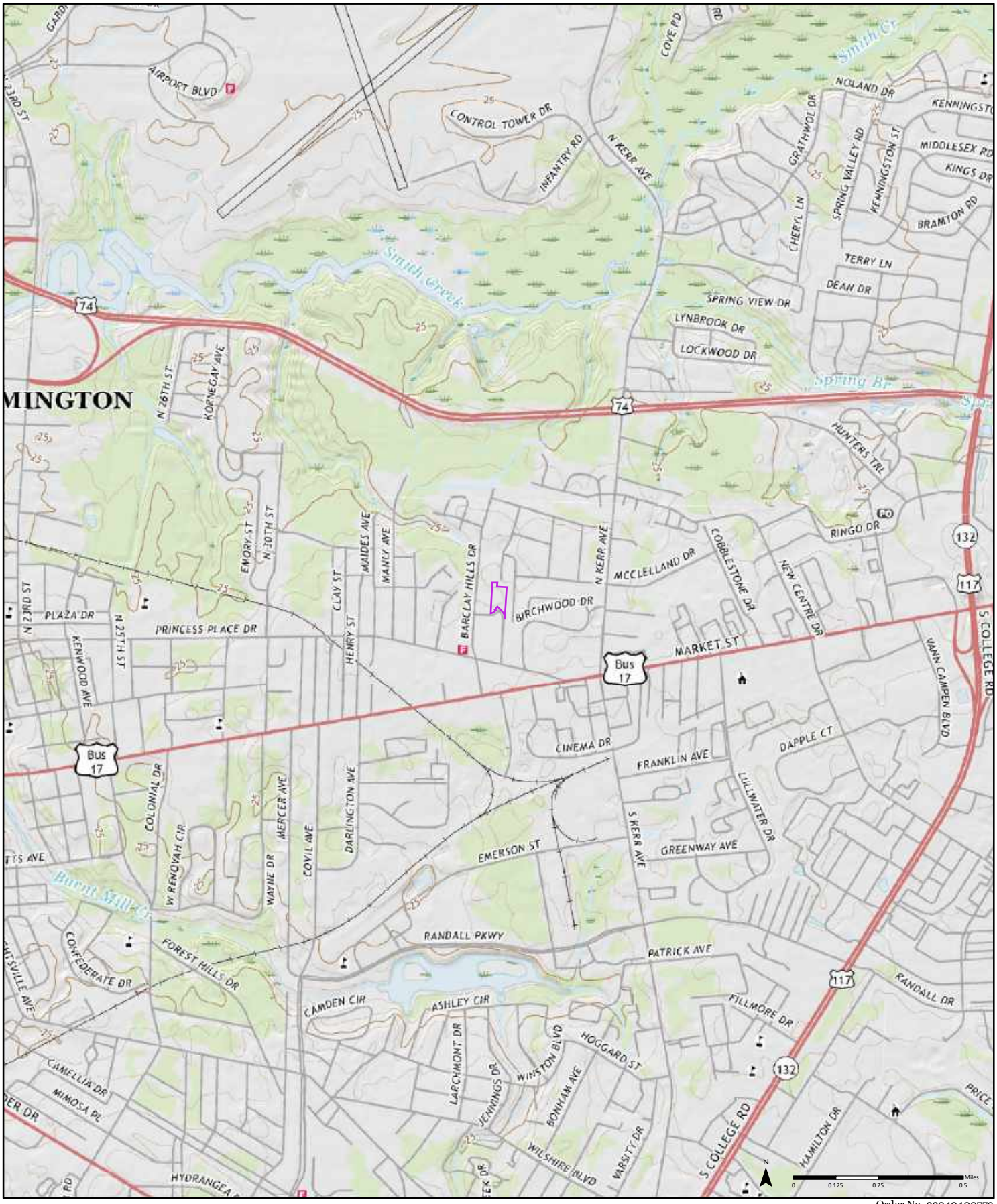
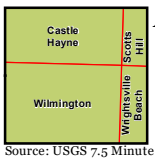


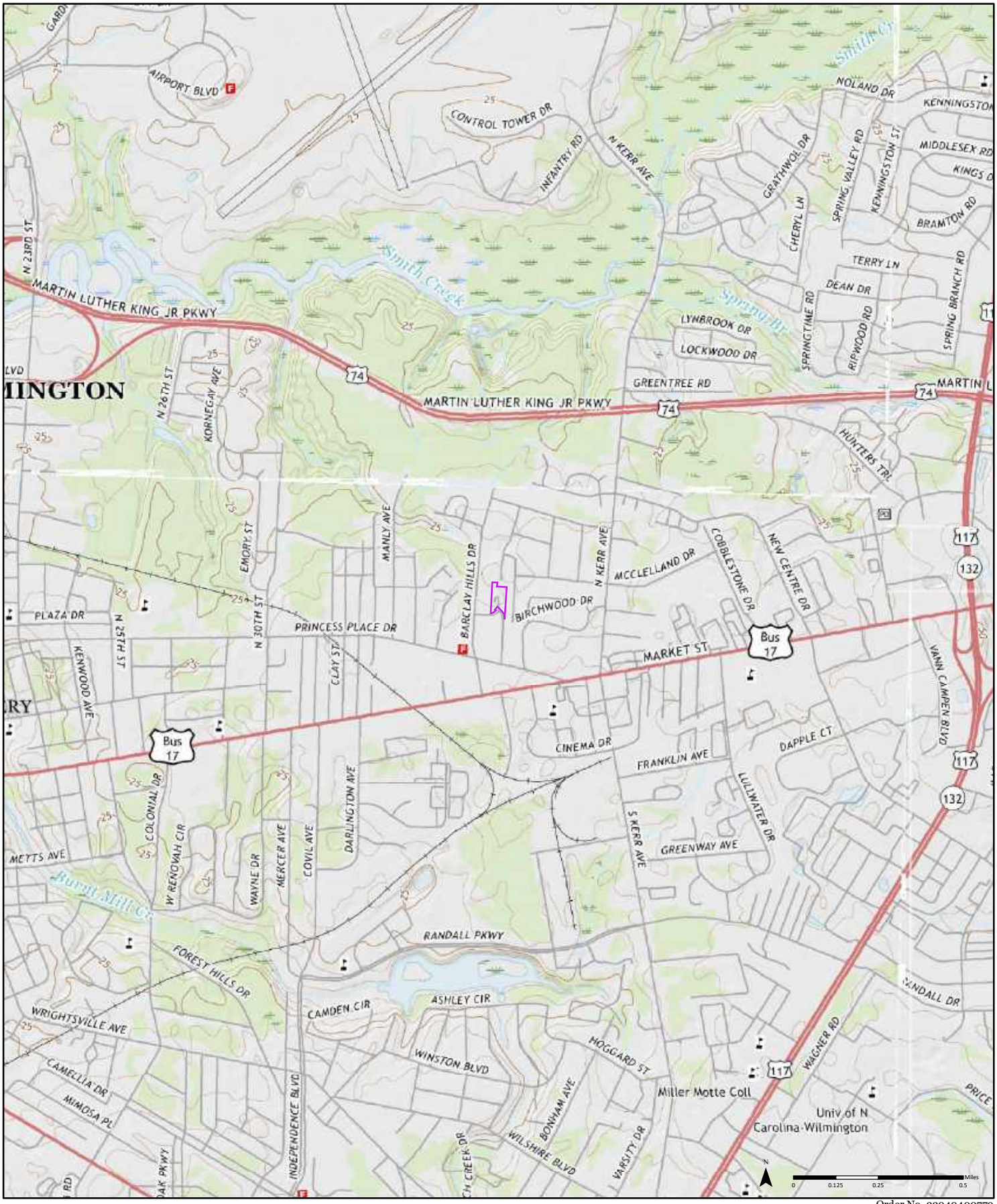
Order No. 23040400779

2019



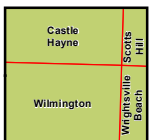
Available Quadrangle(s): Wilmington, NC
Scotts Hill, NC
Wrightsville Beach, NC
Castle Hayne, NC

Source: USGS 7.5 Minute Topographic Map



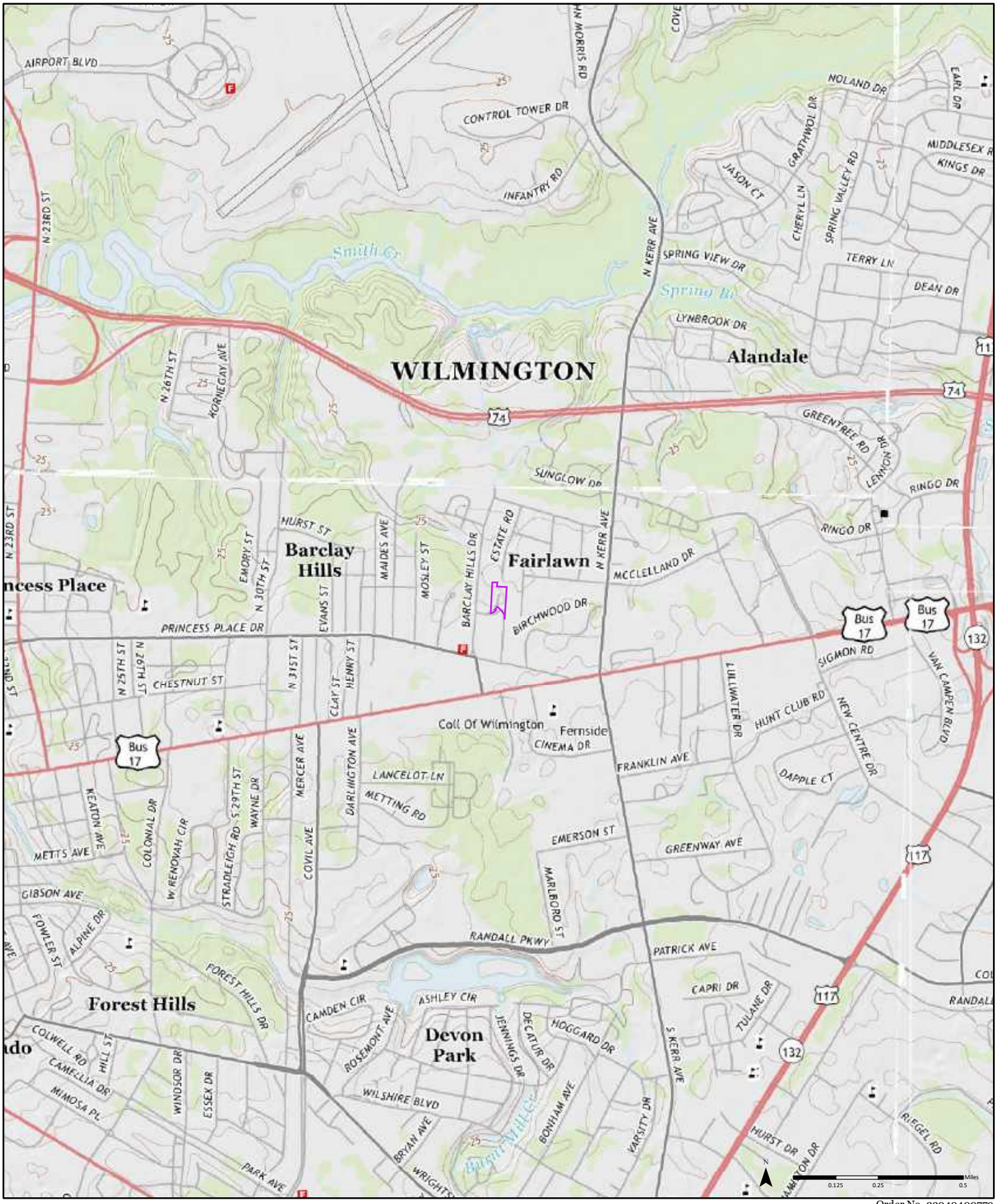
Order No. 23040400779

2016



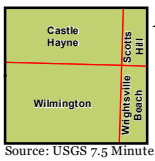
Available Quadrangle(s): Wilmington, NC
Wrightsville Beach, NC
Castle Hayne, NC
Scotts Hill, NC

Source: USGS 7.5 Minute Topographic Map



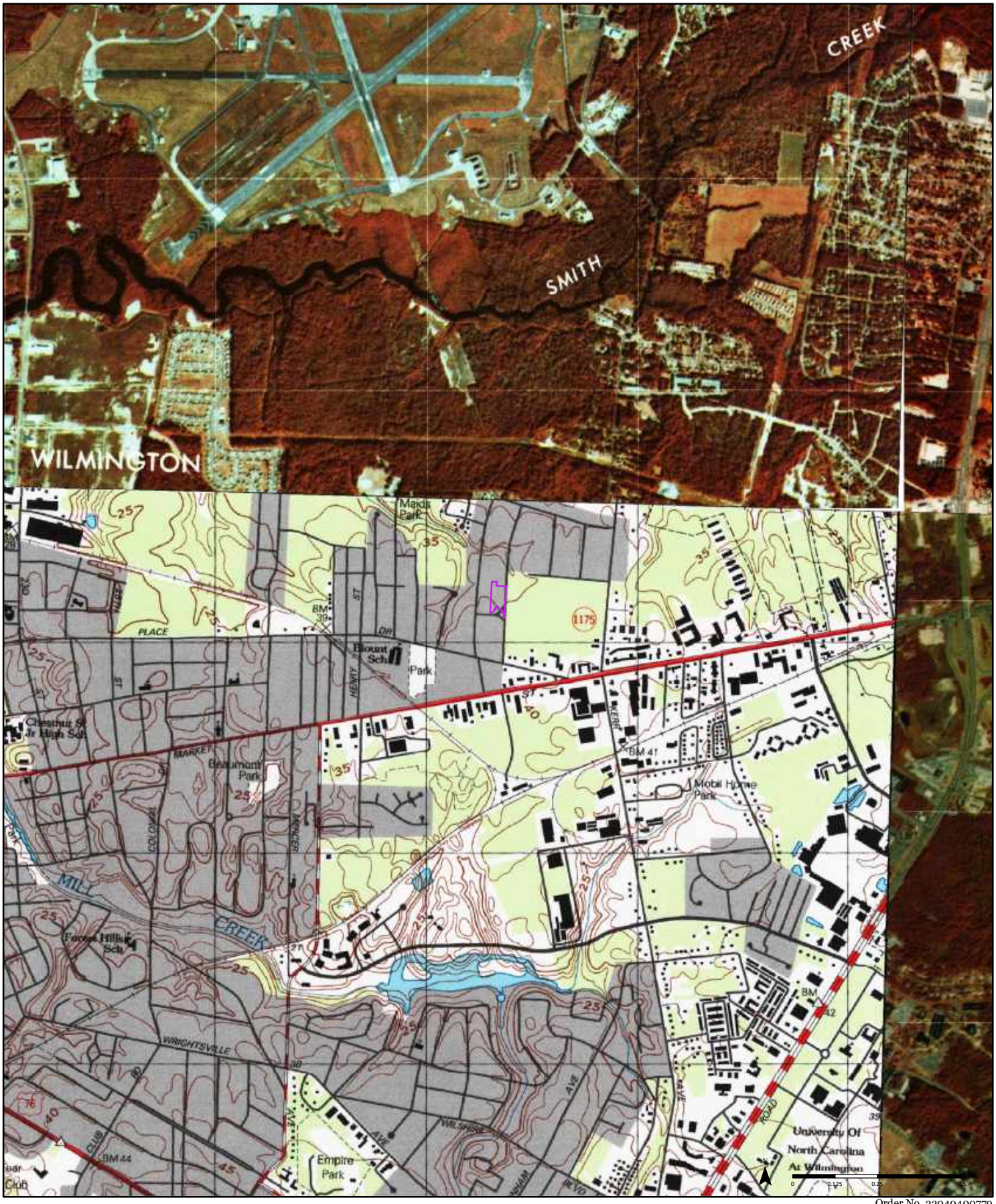
Order No. 23040400779

2013



Available Quadrangle(s): Wilmington, NC
Scotts Hill, NC
Wrightsville Beach, NC
Castle Hayne, NC

Source: USGS 7.5 Minute Topographic Map



1993

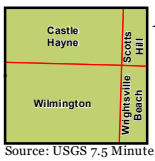
(1-1980) *Aerial Photo Year: 1980*

(2-1980) *Aerial Photo Year: 1980*

(3-1993) *Aerial Photo Year: 1993*

(4-1980) *Aerial Photo Year: 1980*

Order No. 23040400779



Available Quadrangle(s): Wilmington, NC(3-1993)
Scotts Hill, NC(1-1980)
Wrightsville Beach, NC(2-1980)
Castle Hayne, NC(4-1980)

Source: USGS 7.5 Minute Topographic Map



1980

(1-1980) *Aerial Photo Year: 1980*

(2-1980) *Aerial Photo Year: 1980*

(3-1980) *Aerial Photo Year: 1980*

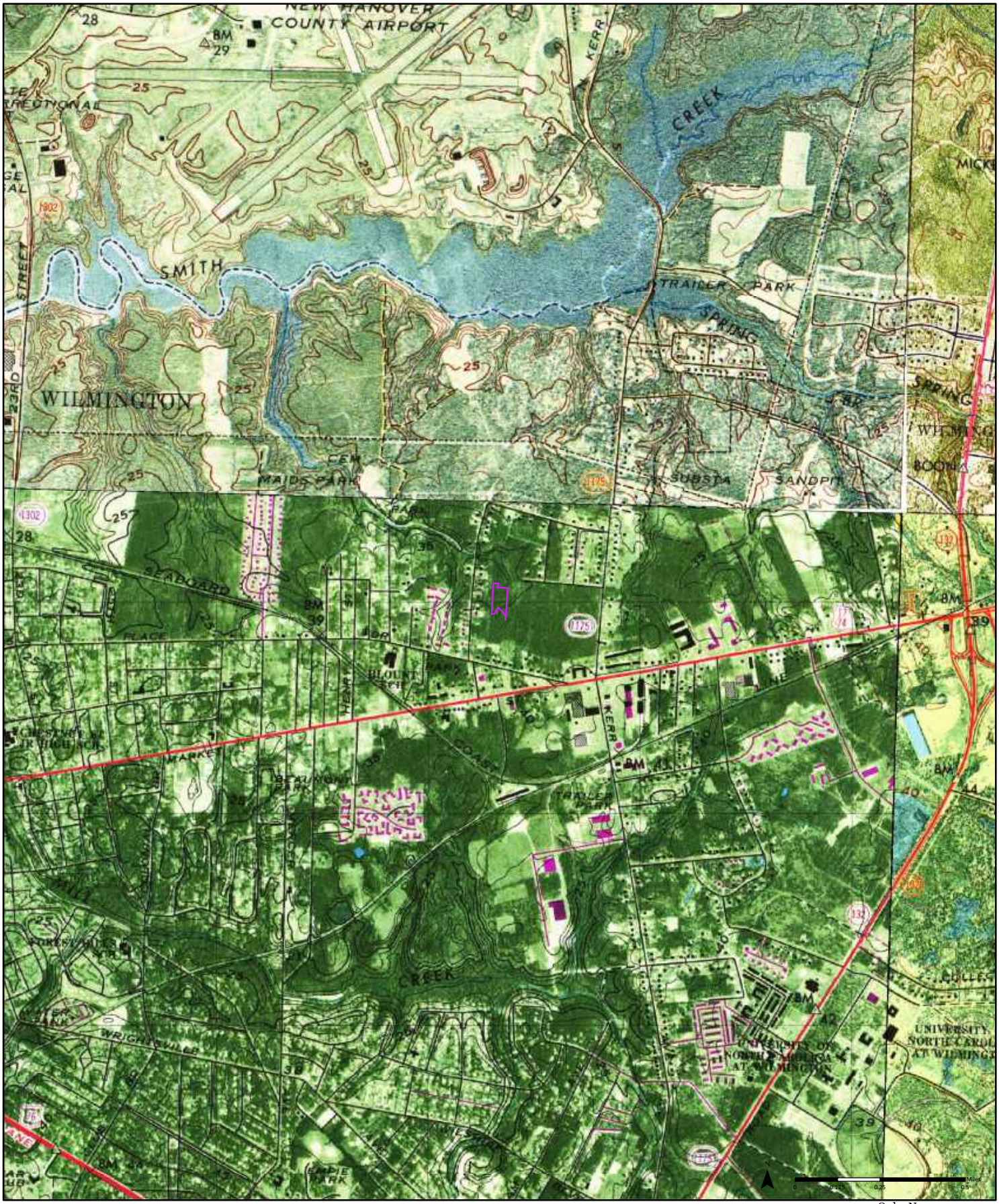
(4-1980) *Aerial Photo Year: 1980*

Order No. 23040400779



Available Quadrangle(s): Wilmington, NC(3-1980)
Scotts Hill, NC(1-1980)
Wrightsville Beach, NC(2-1980)
Castle Hayne, NC(4-1980)

Source: USGS 7.5 Minute Topographic Map



1979

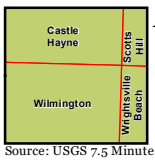
(1-1970) *Aerial Photo Year: 1969*

(2-1970) *Aerial Photo Year: 1969*

(3-1970) *Aerial Photo Year: 1969*

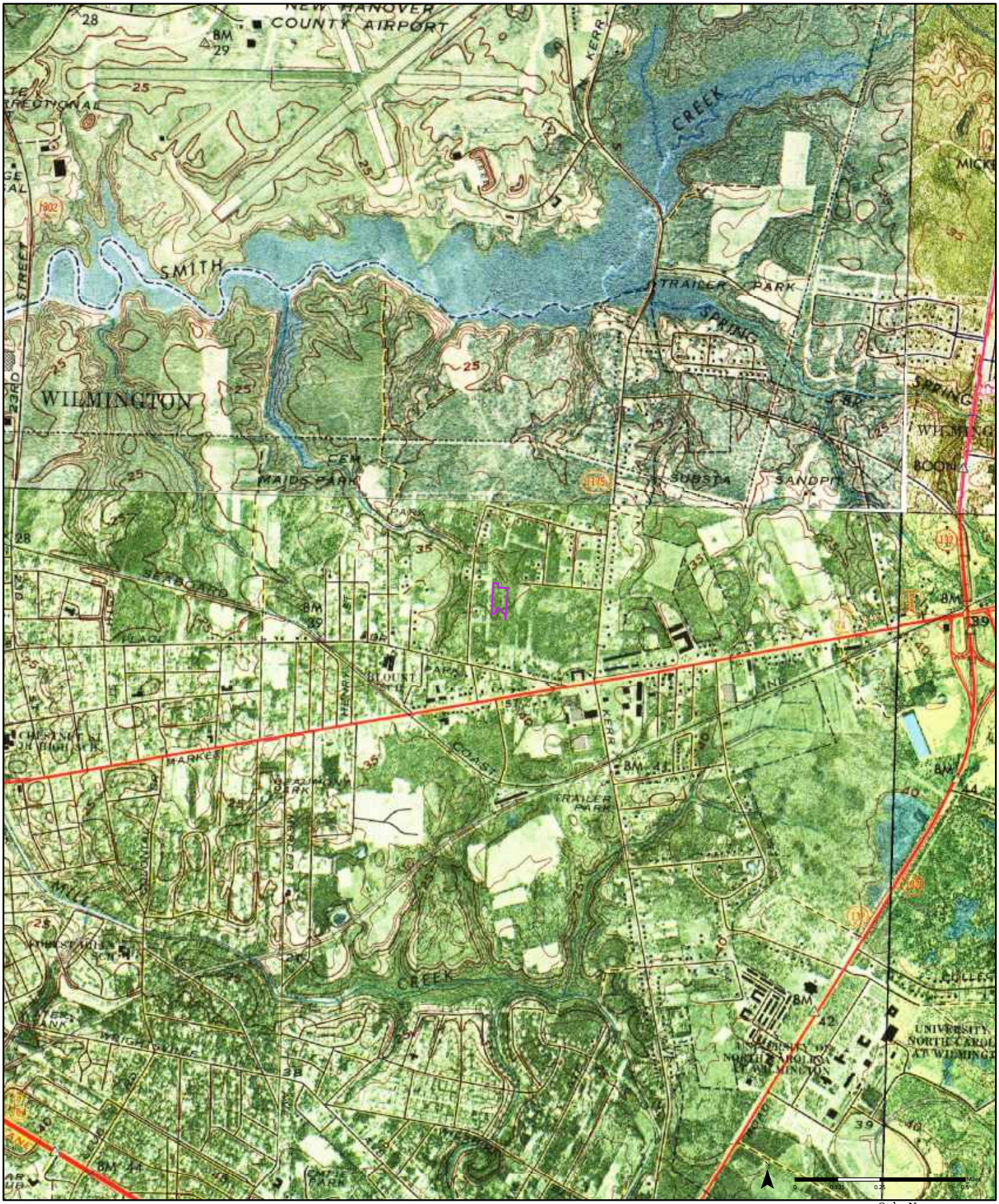
(4-1979) *Aerial Photo Year: 1975*
Photo Revision Year: 1979

Order No. 23040400779



Available Quadrangle(s): Wilmington, NC(4-1979)
Castle Hayne, NC(1-1970)
Wrightsville Beach, NC(2-1970)
Scotts Hill, NC(3-1970)

Source: USGS 7.5 Minute Topographic Map



1970

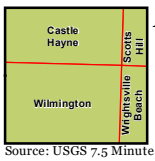
(1-1970) *Aerial Photo Year: 1969*

(2-1970) *Aerial Photo Year: 1969*

(3-1970) *Aerial Photo Year: 1969*

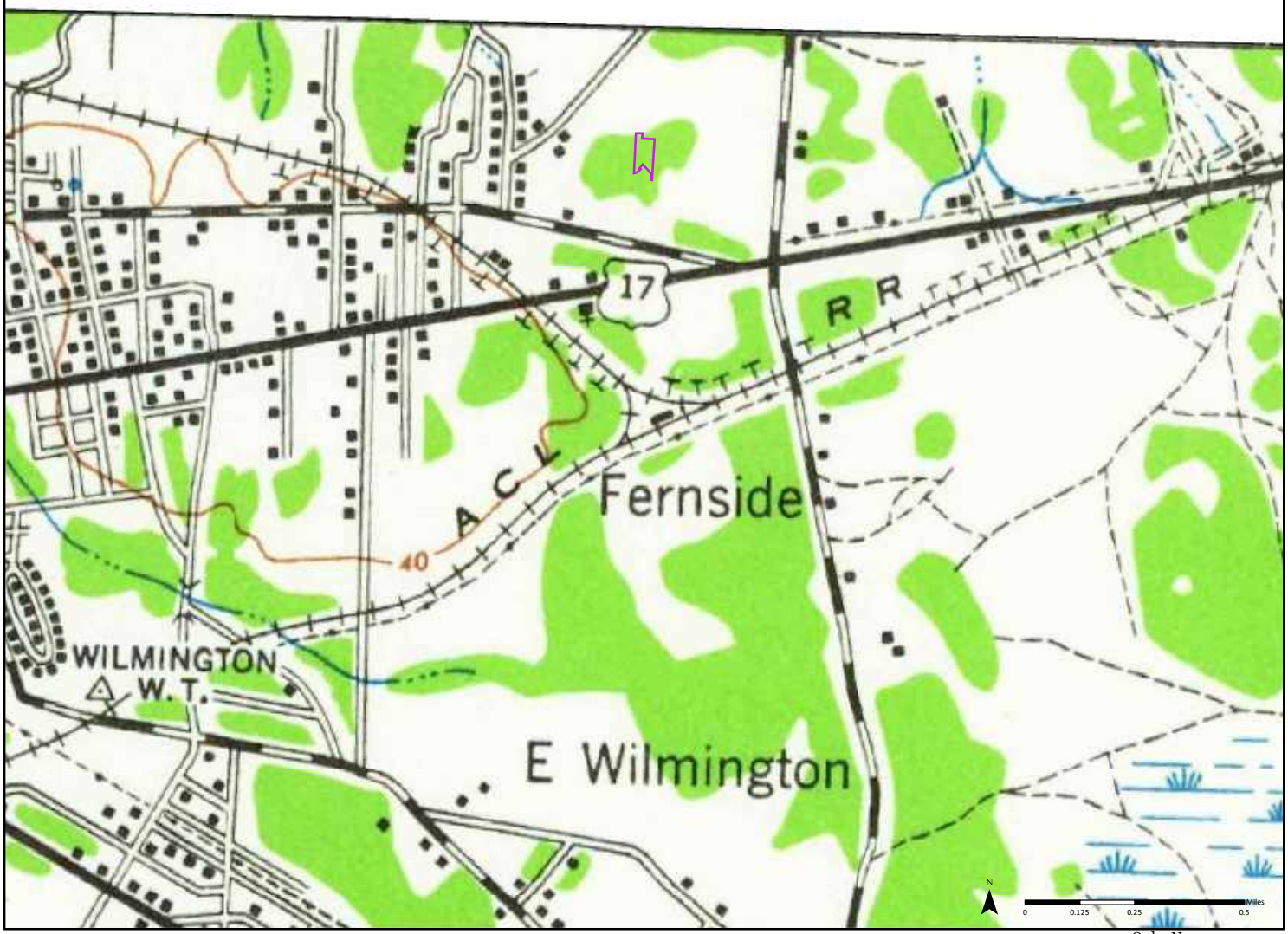
(4-1970) *Aerial Photo Year: 1969*

Order No. 23040400779



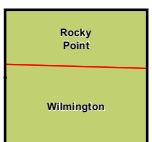
Available Quadrangle(s): Wilmington, NC(1-1970)
Castle Hayne, NC(2-1970)
Wrightsville Beach, NC(3-1970)
Scotts Hill, NC(4-1970)

Source: USGS 7.5 Minute Topographic Map



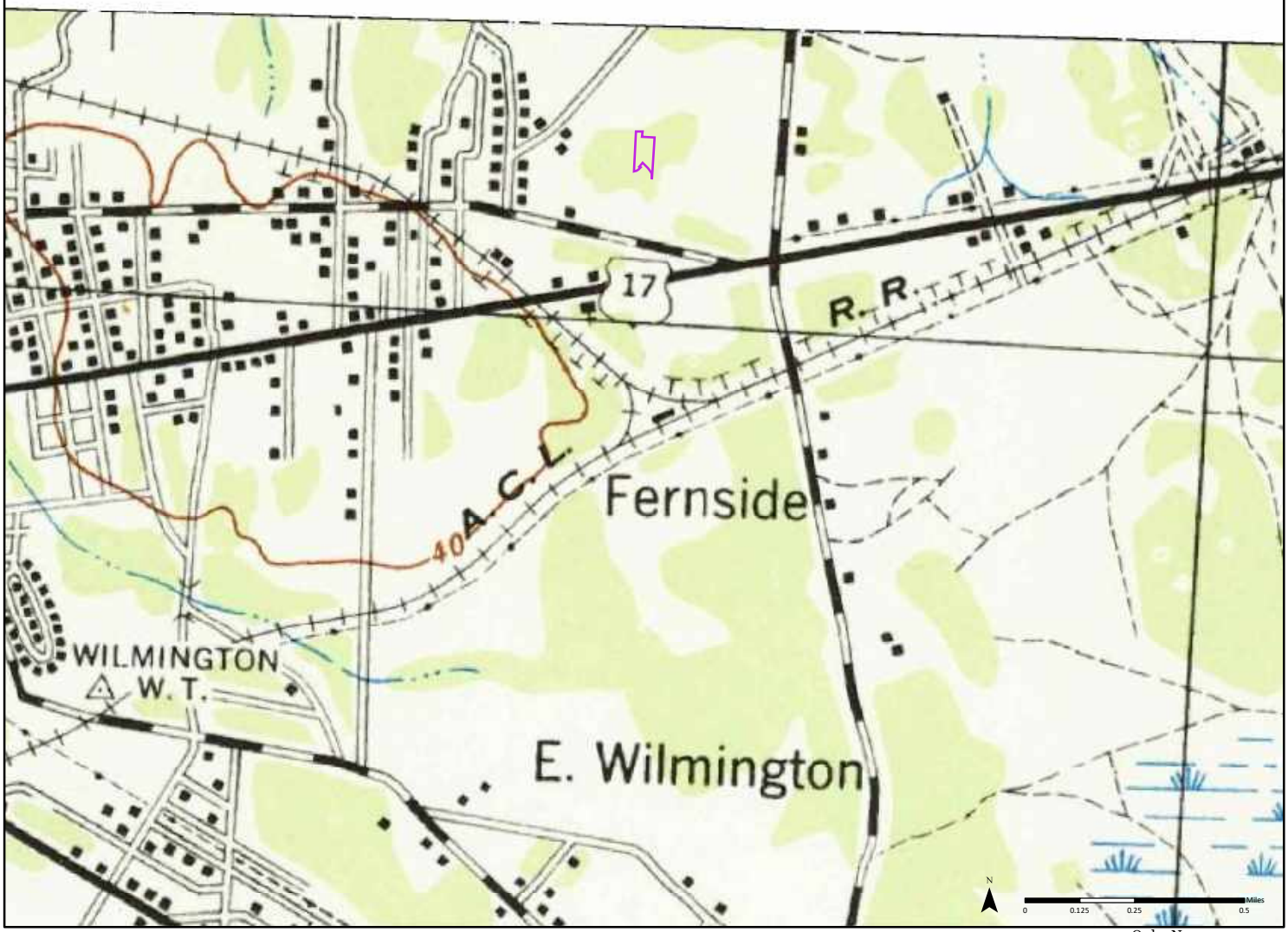
1948 (1-1948)
Aerial Photo Year: 1942

Order No. 23040400779



Available Quadrangle(s): Wilmington, NC(1-1948)

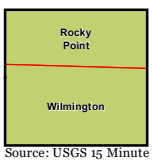
Source: USGS 15 Minute Topographic Map



Order No. 23040400779

1942 (1-1942)

Aerial Photo Year: 1942



Available Quadrangle(s): Wilmington, NC(1-1942)

Source: USGS 15 Minute Topographic Map

ERIS

CITY DIRECTORY

Project Property:	*Woodbridge* *302 Grass Lane* *Wilmington,NC 28405*
Project No:	*49-20023*
Requested By:	*ECS Limited Southeast*
Order No:	*23040400779*
Date Completed:	*April 10, 2023*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

April 10, 2023
RE: CITY DIRECTORY RESEARCH
302 Grass Lane
Wilmington,NC 28405

Thank you for contacting ERIS for an City Directory Search for the site described above. Our staff has conducted a reverse listing City Directory search to determine prior occupants of the subject site and adjacent properties. We have provided the nearest addresses(s) when adjacent addresses are not listed. If we have searched a range of addresses, all addresses in that range found in the Directory are included.

Note: Reverse Listing Directories generally are focused on more highly developed areas. Newly developed areas may be covered in the more recent years, but the older directories will tend to cover only the "central" parts of the city. To complete the search, we have either utilized the ACPL, Library of Congress, State Archives, and/or a regional library or history center as well as multiple digitized directories. These do not claim to be a complete collection of all reverse listing city directories produced.

ERIS has made every effort to provide accurate and complete information but shall not be held liable for missing, incomplete or inaccurate information. To complete this search we used the general range(s) below to search for relevant findings. If you believe there are additional addresses or streets that require searching please contact us at 866-517-5204.

Search Criteria:
100-400 of Barclay Hills Dr
All of Grass Ln
Search Notes:

Search Results Summary

Date	Source	Comment
2022	DIGITAL BUSINESS DIRECTORY	
2020	DIGITAL BUSINESS DIRECTORY	
2016	DIGITAL BUSINESS DIRECTORY	
2012	DIGITAL BUSINESS DIRECTORY	
2008	DIGITAL BUSINESS DIRECTORY	
2003	DIGITAL BUSINESS DIRECTORY	
2000	DIGITAL BUSINESS DIRECTORY	
1996	POLKS	
1991	POLKS	
1986	POLKS	
1981	HILLS	
1976	HILLS	
1971	HILLS	
1967	HILLS	
1963	HILLS	
1960	HILLS	
1956	HILLS	
1952	HILLS	
1947	HILLS	
1943	HILLS	
1940	HILLS	
1934	HILLS	
1930	HILLS	
1926	HILLS	

2022 BARCLAY HILLS DR

SOURCE: DIGITAL BUSINESS DIRECTORY

106 **CORDELIA GREEN**...*RESIDENTIAL*
106 **HATTIE LEONARD**...*RESIDENTIAL*
113 **ANNA GRANTHAM**...*RESIDENTIAL*
114 **MICHAEL BRIDGES**...*RESIDENTIAL*
201 **BRENDA FOY**...*RESIDENTIAL*
201 **MILTON FOY**...*RESIDENTIAL*
201 **ROSE ALFORD**...*RESIDENTIAL*
202 **FALISHA GREEN**...*RESIDENTIAL*
202 **KWAMAINE GREEN**...*RESIDENTIAL*
209 **JOSEPH SIDBERRY**...*RESIDENTIAL*
210 **MILTON MORRIS**...*RESIDENTIAL*
213 **GLORETTA HENRY**...*RESIDENTIAL*
218 **PRINCESS MURPHY**...*RESIDENTIAL*
301 **DEBRA WATSON**...*RESIDENTIAL*
302 **WILLIAM BONEY**...*RESIDENTIAL*
308 **NANCY HUDSON**...*RESIDENTIAL*
308 **SAUNDRA WHISETTSE**...*RESIDENTIAL*
309 **DEBORAH GRAHAM**...*RESIDENTIAL*
313 **CARL FENNELL**...*RESIDENTIAL*
314 **DAVID BEAUREGARD**...*RESIDENTIAL*
317 **CONSTANCE WASHINGTON**...*RESIDENTIAL*

2022 GRASS LN

SOURCE: DIGITAL BUSINESS DIRECTORY

221 **MAGDA DICK**...*RESIDENTIAL*
302 **ALEXANDRIA BATTS**...*RESIDENTIAL*
302 **BRANDON GREEN**...*RESIDENTIAL*
302 **CYNEQUIA RANDALL**...*RESIDENTIAL*
302 **DELORES TURNER**...*RESIDENTIAL*
302 **DENISE JONES**...*RESIDENTIAL*
302 **JOHN ODEN**...*RESIDENTIAL*
302 **JONITA DINGLE**...*RESIDENTIAL*
302 **LARRY BEST**...*RESIDENTIAL*
302 **RITA OLIVER**...*RESIDENTIAL*

2020 BARCLAY HILLS DR

SOURCE: DIGITAL BUSINESS DIRECTORY

106 **CORDELIA GREEN**...*RESIDENTIAL*
106 **HATTIE LEONARD**...*RESIDENTIAL*
113 **ANNA GRANTHAM**...*RESIDENTIAL*
114 **MICHAEL BRIDGES**...*RESIDENTIAL*
201 **BRENDA FOY**...*RESIDENTIAL*
201 **MILTON FOY**...*RESIDENTIAL*
201 **ROSE ALFORD**...*RESIDENTIAL*
202 **DOMINEEK GREEN**...*RESIDENTIAL*
205 **ELIZABETH ROBINSON**...*RESIDENTIAL*
206 **CHERRY SMITH**...*RESIDENTIAL*
209 **JOSEPH SIDBERRY**...*RESIDENTIAL*
210 **MILTON MORRIS**...*RESIDENTIAL*
210 **VICTORIA MORRIS**...*RESIDENTIAL*
213 **GLORETTA HENRY**...*RESIDENTIAL*
218 **PRINCESS MURPHY**...*RESIDENTIAL*
302 **WILLIAM BONEY**...*RESIDENTIAL*
308 **NANCY HUDSON**...*RESIDENTIAL*
308 **SAUNDRA WHISETTSE**...*RESIDENTIAL*
309 **DEBORAH GRAHAM**...*RESIDENTIAL*
313 **CARL FENNELL**...*RESIDENTIAL*
317 **CONSTANCE WASHINGTON**...*RESIDENTIAL*
318 **ARTHUR PETERSON**...*RESIDENTIAL*

2020 GRASS LN

SOURCE: DIGITAL BUSINESS DIRECTORY

221 **MAGDA DICK**...*RESIDENTIAL*
302 **ALEXANDRIA BATTS**...*RESIDENTIAL*
302 **CYNEQUIA RANDALL**...*RESIDENTIAL*
302 **DELORES TURNER**...*RESIDENTIAL*
302 **DENISE JONES**...*RESIDENTIAL*
302 **JOHN ODEN**...*RESIDENTIAL*
302 **JONITA DINGLE**...*RESIDENTIAL*
302 **LARRY BEST**...*RESIDENTIAL*
302 **RITA OLIVER**...*RESIDENTIAL*
302 **TARNITA TATE**...*RESIDENTIAL*

2016 BARCLAY HILLS DR

SOURCE: DIGITAL BUSINESS DIRECTORY

106 **CORDELIA GREEN**...*RESIDENTIAL*
106 **HATTIE LEONARD**...*RESIDENTIAL*
106 **THOMAS GREEN**...*RESIDENTIAL*
113 **ANNA GRANTHAM**...*RESIDENTIAL*
114 **MICHAEL BRIDGES**...*RESIDENTIAL*
201 **BRENDA FOY**...*RESIDENTIAL*
201 **MILTON FOY**...*RESIDENTIAL*
206 **CHERRY SMITH**...*RESIDENTIAL*
209 **JOSEPH SIDBERRY**...*RESIDENTIAL*
209 **SIDBERRY TRUCKING**...*TRUCKING*
213 **FREDERICK HENRY II**...*RESIDENTIAL*
213 **GLORETTA HENRY**...*RESIDENTIAL*
218 **PRINCESS MURPHY**...*RESIDENTIAL*
302 **WILLIAM BONEY**...*RESIDENTIAL*
308 **NANCY HUDSON**...*RESIDENTIAL*
308 **SAUNDRA WHISETTSE**...*RESIDENTIAL*
309 **DEBORAH GRAHAM**...*RESIDENTIAL*
313 **CARL FENNELL**...*RESIDENTIAL*
313 **LANA FENNELL**...*RESIDENTIAL*
317 **CONSTANCE WASHINGTON**...*RESIDENTIAL*
318 **ARTHUR PETERSON**...*RESIDENTIAL*
318 **PETERSON, A E**...*CLERGY*

2016 GRASS LN

SOURCE: DIGITAL BUSINESS DIRECTORY

221 **MAGDA DICK**...*RESIDENTIAL*
302 **ANGELA HALL**...*RESIDENTIAL*
302 **CYNEQUIA RANDALL**...*RESIDENTIAL*
302 **JOHN ODEN**...*RESIDENTIAL*
302 **LARRY BEST**...*RESIDENTIAL*
302 **RITA OLIVER**...*RESIDENTIAL*

2012 BARCLAY HILLS DR

SOURCE: DIGITAL BUSINESS DIRECTORY

106 **ANGELA DEVANE**...*RESIDENTIAL*
106 **THOMAS GREEN**...*RESIDENTIAL*
110 **BURNETT RUDOLPH**...*RESIDENTIAL*
110 **RUDOLPH BURNETT**...*RESIDENTIAL*
113 **ANNA GRANTHAM**...*RESIDENTIAL*
113 **GRANTHAM CARL**...*RESIDENTIAL*
114 **BRIDGET JOHNSON**...*RESIDENTIAL*
114 **ROSALIND BULLOCK**...*RESIDENTIAL*
115 **MANLEY BRADLEY**...*RESIDENTIAL*
115 **WILLIE BRADLEY**...*RESIDENTIAL*
115 **WILLIE MANLEY**...*RESIDENTIAL*
205 **EDNA LASTER**...*RESIDENTIAL*
205 **ELIZABETH LASTER**...*RESIDENTIAL*
205 **ELIZABETH ROBINSON**...*RESIDENTIAL*
205 **JESSICA KALLWEIT**...*RESIDENTIAL*
205 **QUEEN LASTER**...*RESIDENTIAL*
206 **DEBRA SMITH**...*RESIDENTIAL*
206 **MIKE SMITH**...*RESIDENTIAL*
209 **JOSEPH SIDBERRY**...*RESIDENTIAL*
209 **SIDBERRY TRUCKING**...*TRUCKING*
210 **LUVENIA GAYMON**...*RESIDENTIAL*
213 **GLORETTA HENRY**...*RESIDENTIAL*
213 **HENRY GLORETTA**...*RESIDENTIAL*
218 **RONNIE MURPHY**...*RESIDENTIAL*
221 **LARRY EDWARDS**...*RESIDENTIAL*
221 **OLENE EDWARDS**...*RESIDENTIAL*
308 **SAUNDRA WHISETTSE**...*RESIDENTIAL*
309 **GEORGE MITCHELL**...*RESIDENTIAL*
309 **MITCHELL GEORGE**...*RESIDENTIAL*
313 **CARL FENNELL**...*RESIDENTIAL*
313 **LANA FENNELL**...*RESIDENTIAL*
314 **RYAN LAMBERT**...*RESIDENTIAL*
317 **ADRIAN WASHINGTON**...*RESIDENTIAL*
317 **CONSTANCE WASHINGTON**...*RESIDENTIAL*
318 **ARTHUR PETERSON**...*RESIDENTIAL*
318 **PETERSON, A E**...*CLERGY*

2012 GRASS LN

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2008 BARCLAY HILLS DR

SOURCE: DIGITAL BUSINESS DIRECTORY

106 **THOMAS L GREEN**...*RESIDENTIAL*
110 **RUDOLPH & VELMA BURNETT**...*RESIDENTIAL*
113 **CARL GRANTHAM**...*RESIDENTIAL*
114 **R O BULLOCK**...*RESIDENTIAL*
115 **WILLIE BRADLEY-MANLEY**...*RESIDENTIAL*
201 **LAWRENCE BOWENS**...*RESIDENTIAL*
202 **LINDA COBB**...*RESIDENTIAL*
205 **SHINKIA D LASTER**...*RESIDENTIAL*
209 **JOSEPH SIDBERRY**...*RESIDENTIAL*
213 **GLORETTA HENRY**...*RESIDENTIAL*
217 **IVORY SIDBERRY**...*RESIDENTIAL*
218 **PRINCESS & RONNIE MURPHY**...*RESIDENTIAL*
301 **DEBORAH WATSON**...*RESIDENTIAL*
302 **EDNA M PERRYMON**...*RESIDENTIAL*
308 **H & H CLEANING SERVICE**...*BUILDING MAINTENANCE SERVICES*
308 **NANCY HUDSON**...*RESIDENTIAL*
313 **CARL FENNELL**...*RESIDENTIAL*
314 **TRIA SHIELDS**...*RESIDENTIAL*
314 **WILLIE & GAIL F MAYES**...*RESIDENTIAL*
317 **ADRIAN WASHINGTON**...*RESIDENTIAL*
318 **A E PETERSON**...*RESIDENTIAL*
318 **A E PETERSON**...*CLERGY*
318 **A E PETERSON REV**...*RELIGIOUS ORGANIZATION*
322 **MAZIE SIDBERRY**...*RESIDENTIAL*

2008 GRASS LN

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2003 BARCLAY HILLS DR

SOURCE: DIGITAL BUSINESS DIRECTORY

106 **THOMAS L GREEN**...*RESIDENTIAL*
110 **RUDOLPH & VELMA BURNETT**...*RESIDENTIAL*
113 **CARL GRANTHAM**...*RESIDENTIAL*
114 **LARRY BULLOCK**...*RESIDENTIAL*
114 **R O BULLOCK**...*RESIDENTIAL*
115 **WILLIE BRADLEY MANLEY**...*RESIDENTIAL*
201 **BOWENS LAWRENCE**
201 **LAWRENCE REV BOWENS**...*RESIDENTIAL*
205 **SHINIKA D LASTER**...*RESIDENTIAL*
209 **JOSEPH SIDBERRY**...*RESIDENTIAL*
210 **LUVENIA GAYMON**...*RESIDENTIAL*
213 **GLORETTA HENRY**...*RESIDENTIAL*
217 **IVORY SIDBERRY**...*RESIDENTIAL*
218 **ALBERTUS GOODEN**...*RESIDENTIAL*
218 **RONALD GOODEN**...*RESIDENTIAL*
302 **EDNA MAE PERRYMON**...*RESIDENTIAL*
308 **LEONA WHISETTSE**...*RESIDENTIAL*
308 **NANCY HUDSON**...*RESIDENTIAL*
313 **CARL FENNELL**...*RESIDENTIAL*
314 **WILLIE F & GAIL MAYES**...*RESIDENTIAL*
317 **ADRIAN WASHINGTON**...*RESIDENTIAL*
318 **ARTHUR E REV PETERSON**...*RESIDENTIAL*
318 **PETERSON A E**
322 **CAROLYN BENNETT**...*RESIDENTIAL*
322 **MAZIE SIDBERRY**...*RESIDENTIAL*

2003 GRASS LN

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2000 BARCLAY HILLS DR

SOURCE: DIGITAL BUSINESS DIRECTORY

106 **THOMAS L GREEN**...*RESIDENTIAL*
110 **RUDOLPH & VELMA BURNETT**...*RESIDENTIAL*
113 **CARL GRANTHAM**...*RESIDENTIAL*
114 **R O BULLOCK**...*RESIDENTIAL*
115 **WILLIE BRADLEY MANLEY**...*RESIDENTIAL*
201 **BOWENS LAWRENCE**
201 **LAWRENCE REV BOWENS**...*RESIDENTIAL*
205 **SHINIKA D LASTER**...*RESIDENTIAL*
209 **JOSEPH SIDBERRY**...*RESIDENTIAL*
210 **LUVENIA GAYMON**...*RESIDENTIAL*
213 **GLORETTA HENRY**...*RESIDENTIAL*
217 **IVORY SIDBERRY**...*RESIDENTIAL*
218 **ALBERTUS GOODEN**...*RESIDENTIAL*
218 **RONALD GOODEN**...*RESIDENTIAL*
302 **EDNA MAE PERRYMON**...*RESIDENTIAL*
308 **LEONA WHISETTSE**...*RESIDENTIAL*
308 **NANCY HUDSON**...*RESIDENTIAL*
313 **CARL FENNELL**...*RESIDENTIAL*
314 **WILLIE F & GAIL MAYES**...*RESIDENTIAL*
317 **ADRIAN WASHINGTON**...*RESIDENTIAL*
318 **ARTHUR E REV PETERSON**...*RESIDENTIAL*
318 **PETERSON A E**
322 **MAZIE SIDBERRY**...*RESIDENTIAL*

2000 GRASS LN

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

.....763-6061
22 Not Verified
+ PRINCESS PLACE DR INTERSECTS
106 Green Cordelia W [9]+ 763-7419
113 Grantham Carl & Anna [9]+ ...762-1220
114 Bullock Rosalind O [9]+ 763-0556
Bullock Lawrence D 763-0556
115-118 Not Verified (2 Hses)
201 Bowens Dorothy M [9]+ 762-1861
202-205 Not Verified (2 Hses)
206 JANITORIAL ASSOCIATES 343-9968
HOUSKEEPING DEPT housekeeping service 343-9968
Thompson Paul A [9]+ 343-9968
209 Not Verified
210 Gaymon Luvenia C [9]+ 762-0647
213 Henry Gloretta [9]+ 762-2817
Henry Fred C.....762-2817
217 Sidberry Ivory J & Katie [9]+ .762-1343
218 Gooden Albertus M & Flossie [8] 763-0407
221 Edwards Olene M [9]+ 763-9525
301 Howard Narva W [9]+ 251-1353
Watson Debra A.....251-1353
Watson Antwoan.....251-1353
302 Perryman Edna M [9]+ 762-3209
308 Whisettse Leona M [9]+ 763-5647
Hudson Nancy W.....763-5647
309 Not Verified
313 Fennell Carl & Lana [9]+ 762-5411
314 Mayes Willie F & Gail [4] 762-2959
317 Washington Adrian [6] 762-9596
318 Peterson Rev Arthur E & Mattie [9]+ 343-9793
322 Sidberry Mazie S [5].....763-4786
402 Not Verified
403 Dowd Julian R & Helen [4] 251-8349

STREET NOT LISTED

762-6005
22 Night Transportation Services trucking
763-9900
PRINCESS PLACE DR INTERSECTS
106 Green Thos L @ 763-7419
110 Burnett Velma L Mrs @ 763-5526
City Fire Dept Sta No 3 (Side Entr)
763-1863
113 Grantham Carl @ 762-1220
114 Bullock Rosalind O Mrs @ 763-7707
115 Vacant
118 Whack Jack @ 762-8052
201 Bowen Martha Mrs @ 762-1861
202 Whitfield James H @ 762-7853
205★Lassiter Eliz
206 Janitorial Assocs
Thompson Paul
209 Sidberry Jos H @ 763-2744
210 Gaymon Luvenia C @ 762-0647
213 Henry Gloretta Mrs @ 762-2817
217 Sidberry Ivory J @ 762-1343
218 Gooden Alburtus @ 763-0407
221 Edwards Olene M Mrs @ 763-9525
301 Howard Narva W Mrs @ 251-1353

BARCLAY HILLS DR-Contd
302 Perrymon Edna M Mrs @ 762-3209
308 Whisettse Henry @ 763-5647
309 Mitchell Geo Jr @
313 Fennell Carl @
314 Vacant
317 Washington Adrian @ 762-9596
318 Peterson Arth E Rev @ 343-9793
322★Sidberry Mazie S Mrs 763-4786
402 Oliver Novella M Mrs @ 762-0642

Report ID: 23040400779 - 04/10/2023
www.erisinfo.com

1991 GRASS LN

SOURCE: POLKS

STREET NOT LISTED

1986 BARCLAY HILLS DR

SOURCE: POLKS

22 Sunrise Properties Inc 395-2120
PRINCESS PLACE DR INTERSECTS
106 Green Thos L ◎ 763-7419
110 Burnett Velma L Mrs ◎
Fire Station No 3 (Side Entrance)
113 Grantham Carl ◎ 762-1220
114 Bullock Rosalind O Mrs ◎ 763-7707
118 Whack Jack ◎ 762-8052
201 Bowen Martha Mrs ◎ 762-1861
202★Reddrick Chester H Rev ◎ 762-8896
205 Laster Edna Mae 762-0499
206 Janitorial Assocs 762-4557
★Thompson Paul
209 Sidberry Jos H ◎ 763-2744
210 Gaymon Luvenia C 762-0647
213 Henry Gloretta Mrs ◎ 762-2817
217★Greene James H ◎ 762-1343
218 Robbins Charles L ◎
221 Edwards Olene M Mrs ◎
301 Howard Narva ◎
302 Lester Edna M ◎ 762-3209
308 Whisettse Henry ◎ 763-5647
309 Mitchell Geo ◎
313★Fennell Carl ◎ 762-5094
314★George Dorothy B 762-5359
317 Washington Adrian ◎
318 Peterson Arth E Rev ◎
322 Sidberry Allen ◎ 763-1416
402 Oliver Novella M Mrs ◎ 762-0642
403 Jones Louise ◎

1986 GRASS LN

SOURCE: POLKS

STREET NOT LISTED

1981 BARCLAY HILLS DR

SOURCE: HILLS

22 Perry John B
106 Green Thos L ◎ 763-7419
110 Burnett Rudolph ◎ 762-1527
114★Bullock Rosalind O ◎ 763-7707
118 Whack Jack ◎ 762-8052
201 Bowen Martha Mrs ◎ 763-1861
205 Lester Edna Mae ◎ 762-3209
210 Gaymon Luvenia 762-0647
213 Henry Gloretta Mrs
217 Sidberry Ivory J 762-1343
218 Robbins Charles L
221 Edwards Olene M
301 Howard Narva ◎ 763-6028
302 Benton Henry J ◎
308 Whisettse Henry 763-5647
309★Mitchell
314 Davis Moray 343-8125
317 Washington Adrian 762-9596
318 Peterson Arth E Rev ◎
322 Sidberry Allen Jr ◎ 762-2630
402 Oliver Novella M Mrs day nursery ◎

1981 GRASS LN

SOURCE: HILLS

STREET NOT LISTED

1976 BARCLAY HILLS DR-A

SOURCE: HILLS

22★Coats Judson E 762-1041
106 Green Thos L ◎ 763-7419
110 Burnett Rudolph ◎ 762-1527
114 Green Joan ◎ 762-6156
118 Whack Jack ◎ 762-8052
201 Bowen Martha Mrs ◎ 763-1861
205★Pearman Edna Mae ◎ 762-3209
213 Mapson Walter
217 Sidberry Al ◎ 763-4354
Parker James D
218★Robbins Charles L
221 Edwards Bryant ◎ 762-7924
302 Benton Henry J ◎
308★Whitsett Henry 763-5647
314 Davis Raymond ◎ 762-2324

1976 BARCLAY HILLS DR-B

SOURCE: HILLS

318 Peterson Arth E © 762-8171
402 Oliver Novella M Mrs day nursery

1976 GRASS LN

SOURCE: HILLS

STREET NOT LISTED

1971 BARCLAY HILLS DR

SOURCE: HILLS

37

BARCLAY HILLS DR —FROM 3934
PRINCESS PL DR NORTH 1 WEST OF
N KERR AV

ZIP CODE 28401
NUMBERS IRREGULAR
405 Vacant

1971 GRASS LN

SOURCE: HILLS

STREET NOT LISTED

1967 BARCLAY HILLS DR

SOURCE: HILLS

RANGE NOT LISTED

1967 GRASS LN

SOURCE: HILLS

STREET NOT LISTED

1963 BARCLAY HILLS DR

SOURCE: HILLS

RANGE NOT LISTED

1963 GRASS LN

SOURCE: HILLS

STREET NOT LISTED

1960 BARCLAY HILLS DR

SOURCE: HILLS

RANGE NOT LISTED

1960 GRASS LN

SOURCE: HILLS

STREET NOT LISTED

1956 BARCLAY HILLS DR

SOURCE: HILLS

STREET NOT LISTED

1956 GRASS LN

SOURCE: HILLS

STREET NOT LISTED

1952 BARCLAY HILLS DR

SOURCE: HILLS

STREET NOT LISTED

1952 GRASS LN

SOURCE: HILLS

STREET NOT LISTED

1947 BARCLAY HILLS DR

SOURCE: HILLS

STREET NOT LISTED

1947 GRASS LN

SOURCE: HILLS

STREET NOT LISTED

1943 BARCLAY HILLS DR

SOURCE: HILLS

STREET NOT LISTED

1943 GRASS LN

SOURCE: HILLS

STREET NOT LISTED

1940 BARCLAY HILLS DR

SOURCE: HILLS

STREET NOT LISTED

1940 GRASS LN

SOURCE: HILLS

STREET NOT LISTED

1934 BARCLAY HILLS DR

SOURCE: HILLS

STREET NOT LISTED

1934 GRASS LN

SOURCE: HILLS

STREET NOT LISTED

1930 BARCLAY HILLS DR

SOURCE: HILLS

STREET NOT LISTED

1930 GRASS LN

SOURCE: HILLS

STREET NOT LISTED

1926 BARCLAY HILLS DR

SOURCE: HILLS

STREET NOT LISTED

1926 GRASS LN

SOURCE: HILLS

STREET NOT LISTED

PSR
PHYSICAL SETTING REPORT

Property Information

Order Number:		23040400779p
Date Completed:		April 5, 2023
Project Number:		49-20023
Project Property:		Woodbridge 302 Grass Lane Wilmington NC 28405
Coordinates:		
	Latitude:	34.24585969
	Longitude:	-77.8954198
	UTM Northing:	3793210.46744 Meters
	UTM Easting:	233345.123335 Meters
	UTM Zone:	UTM Zone 18S
	Elevation:	34.19 ft
	Slope Direction:	S

Topographic Information....2
Hydrologic Information....4
Geologic Information....7
Soil Information....9
Wells and Additional Sources....17
Summary....18
Detail Report....20
Radon Information....23
Appendix....24
Liability Notice....26

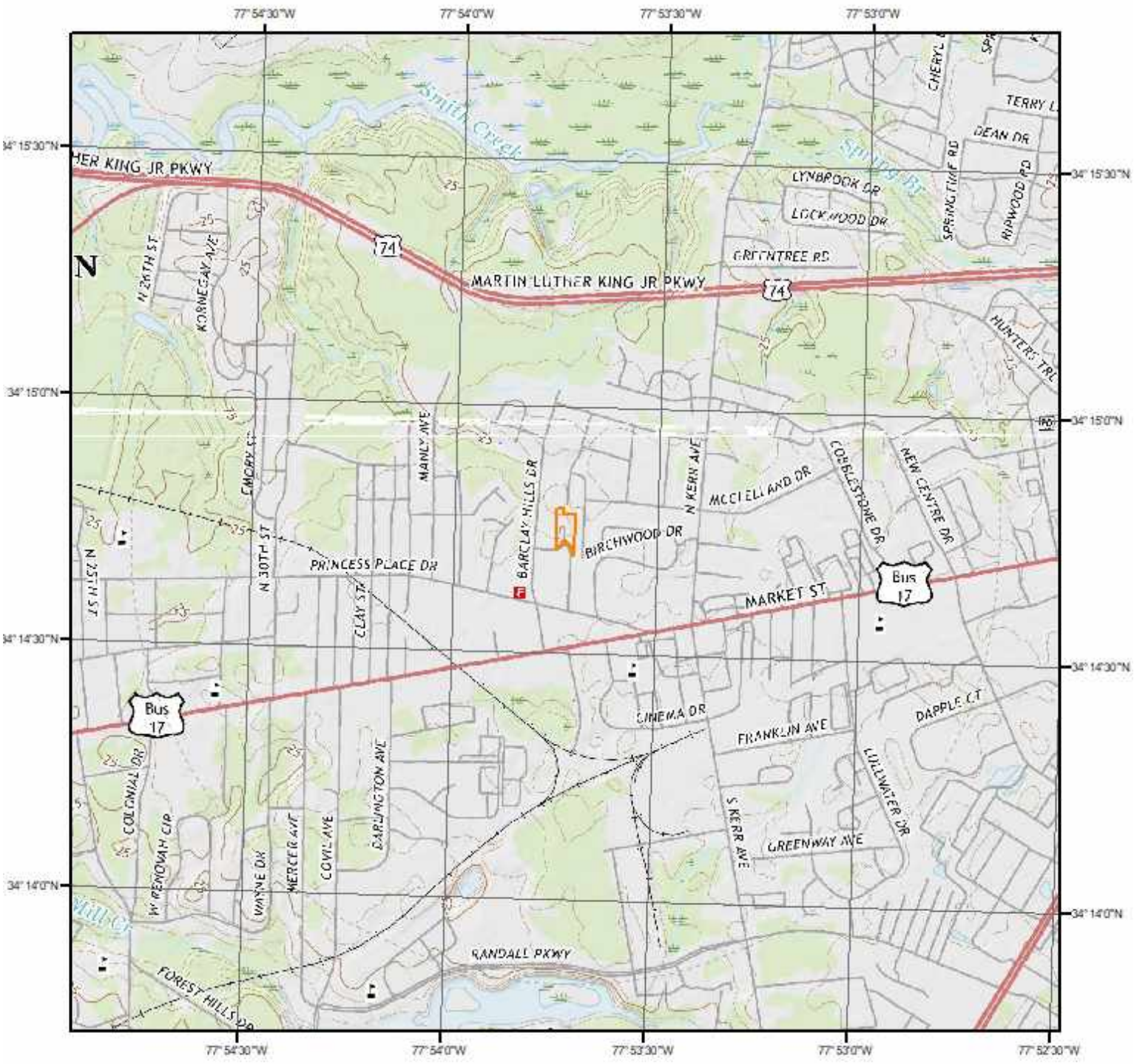
The ERIS ***Physical Setting Report - PSR*** provides comprehensive information about the physical setting around a site and includes a complete overview of topography and surface topology, in addition to hydrologic, geologic and soil characteristics. The location and detailed attributes of oil and gas wells, water wells, public water systems and radon are also included for review.

The compilation of both physical characteristics of a site and additional attribute data is useful in assessing the impact of migration of contaminants and subsequent impact on soils and groundwater.

Disclaimer

This Report does not provide a full environmental evaluation for the site or adjacent properties. Please see the terms and disclaimer at the end of the Report for greater detail.

Topographic Information



Current USGS Topo (2016)

Quadrangle(s): Castle Hayne,NC; Wilmington,NC

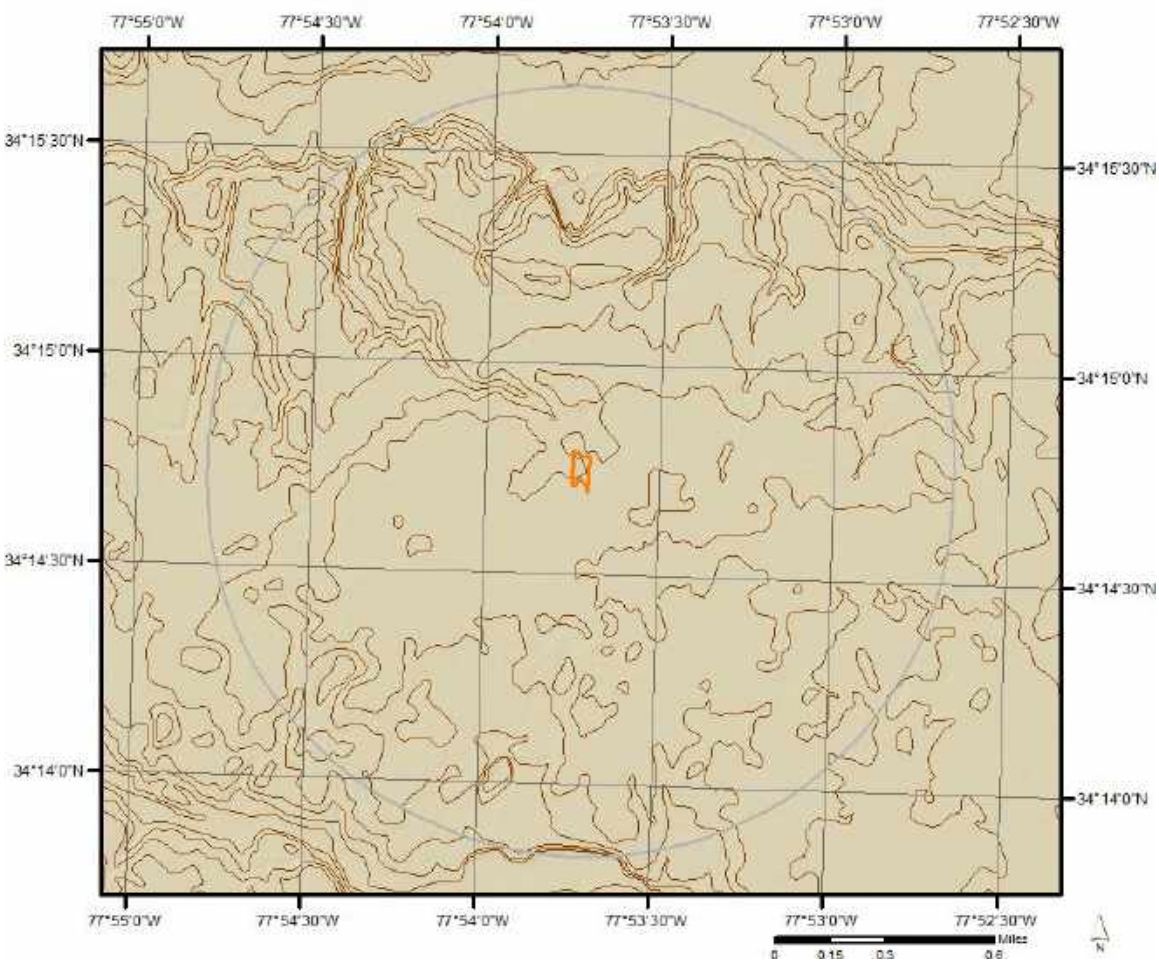
Source: USGS 7.5 Minute Topographic Map

Topographic Information

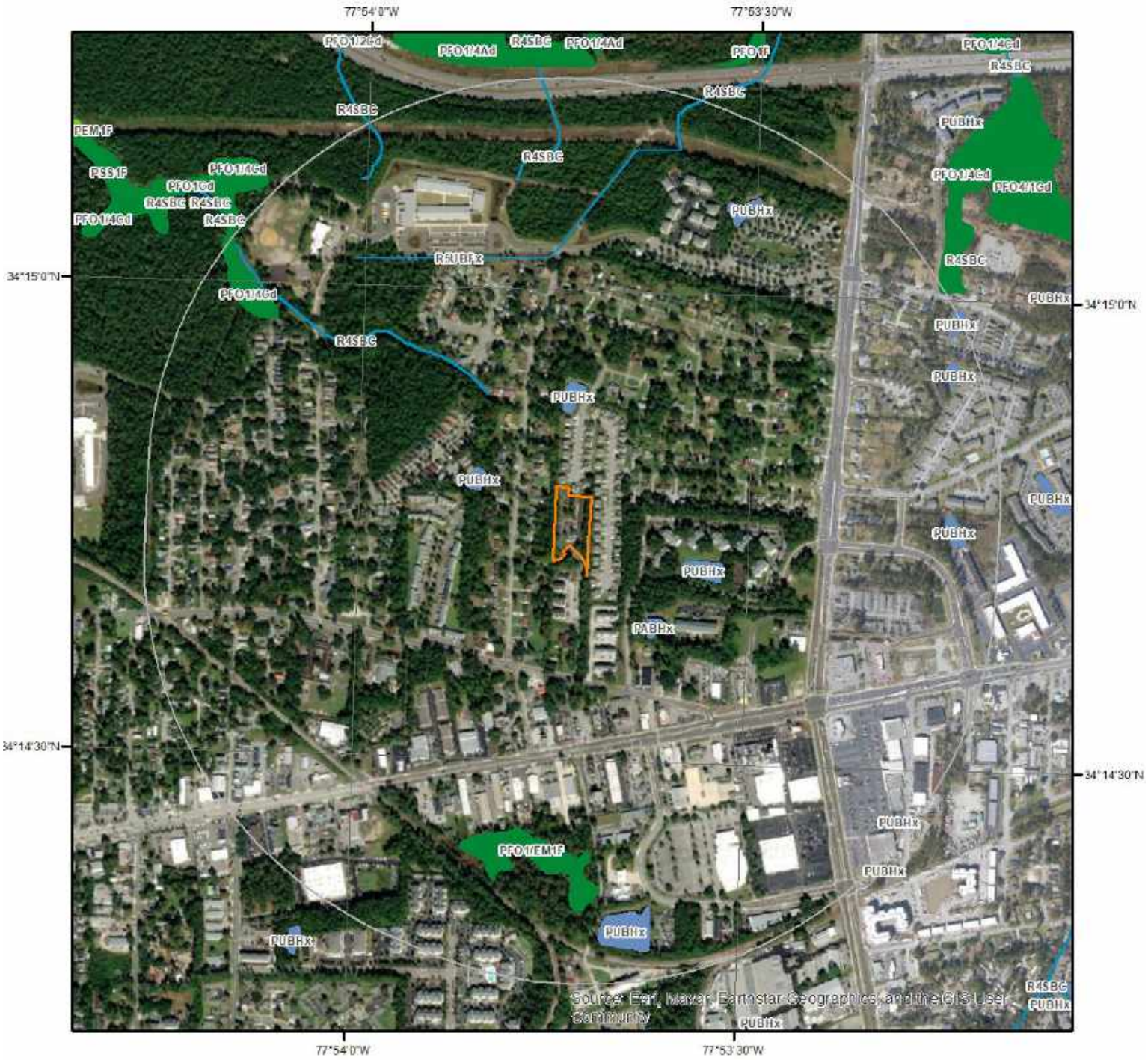
The previous topographic map(s) are created by seamlessly merging and cutting current USGS topographic data. Below are shaded relief map(s), derived from USGS elevation data to show surrounding topography in further detail.

Topographic information at project property:

Elevation:	34.19 ft
Slope Direction:	S



Hydrologic Information



Wetland

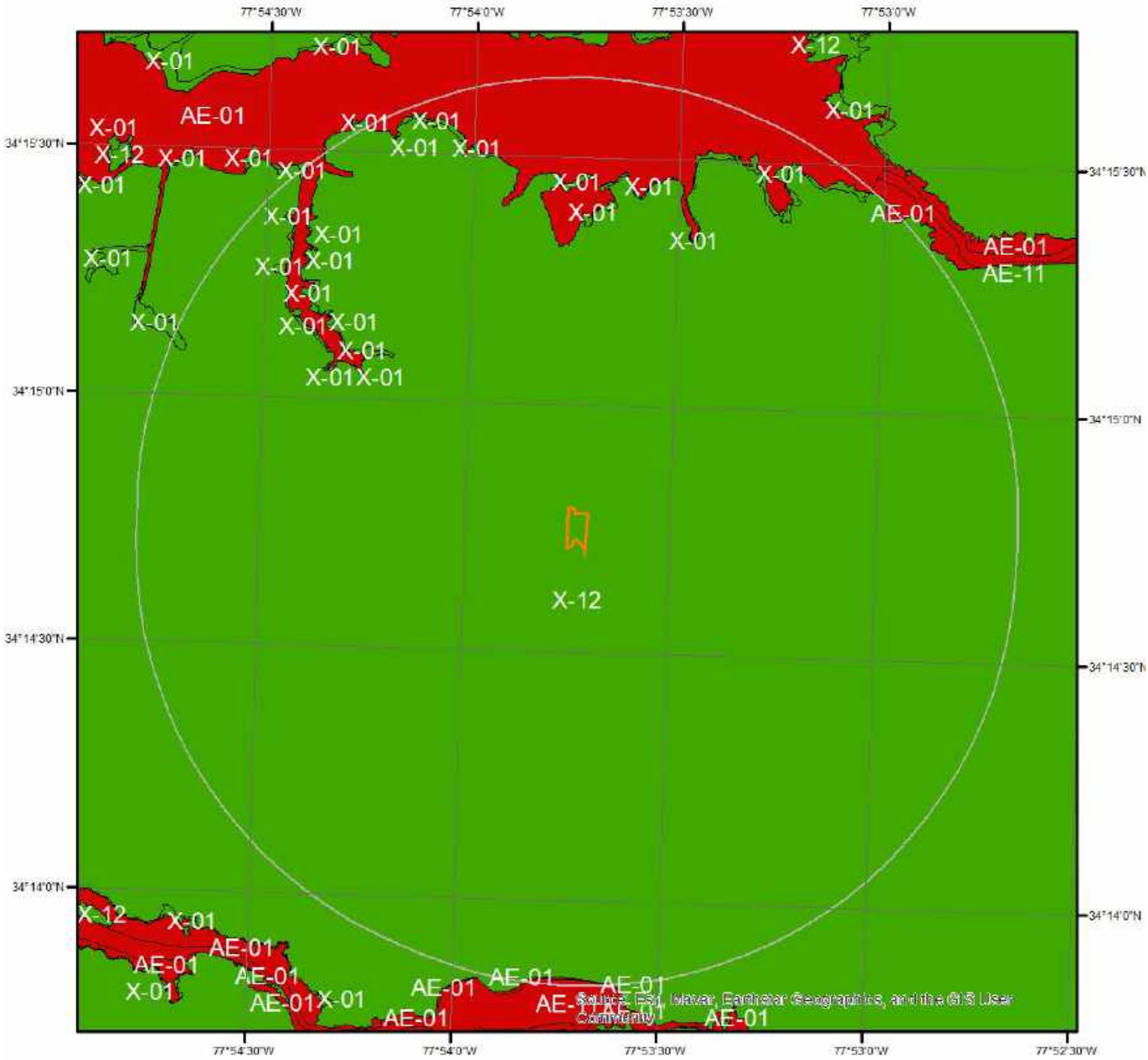
Miles
0 0.075 0.15 0.3
N

This map shows wetland existence using data from US Fish & Wildlife.
Data coverage is shown to the right. Gray indicates no data available in the area.

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

ERIS

Hydrologic Information



Hydrologic Information

The Wetland Type map shows wetland existence overlaid on an aerial imagery. The Flood Hazard Zones map shows FEMA flood hazard zones overlaid on an aerial imagery. Relevant FIRM panels and detailed zone information is provided below.
For detailed Zone descriptions please click the link: https://floodadvocate.com/fema-zone-definitions

Available FIRM Panels in area:	3720312800K(effective:2018-08-28) 3720313800K(effective:2018-08-28) 3720312700K(effective:2018-08-28) 3720313700K(effective:2018-08-28)

Flood Zone AE-01

Zone:	AE
Zone subtype:	

Flood Zone AE-11

Zone:	AE
Zone subtype:	FLOODWAY

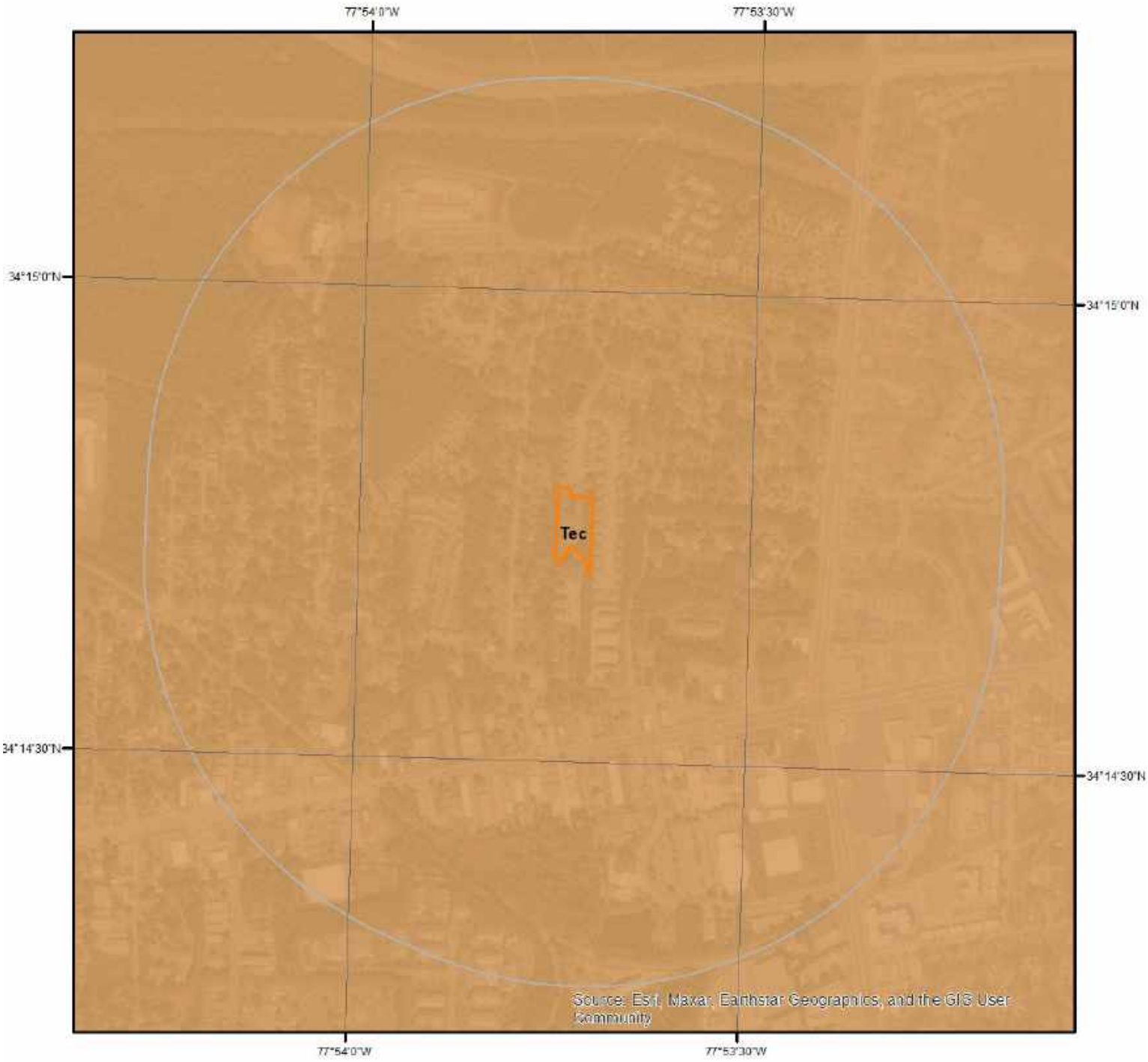
Flood Zone X-01

Zone:	X
Zone subtype:	0.2 PCT ANNUAL CHANCE FLOOD HAZARD

Flood Zone X-12

Zone:	X
Zone subtype:	AREA OF MINIMAL FLOOD HAZARD

Geologic Information



0 0.225 0.45 Miles

N

Geologic Units

This maps shows geologic units in the area. Please refer to the report for detailed descriptions.

ERIS

0 0.3 0.6 Miles

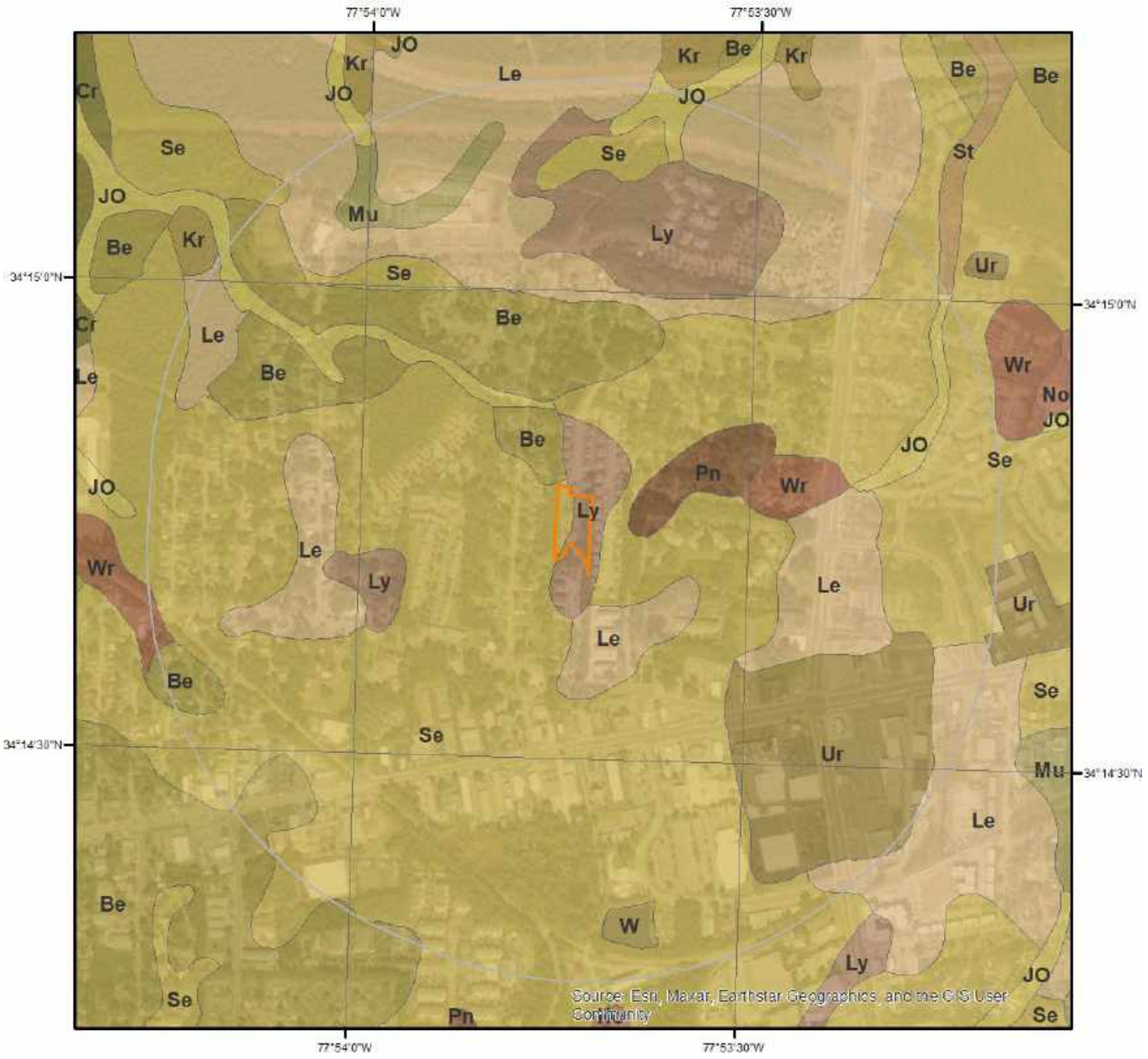
Geologic Information

The previous page shows USGS geology information. Detailed information about each unit is provided below.

Geologic Unit Tec

Unit Name:	Castle Hayne Formation; Comfort Member and New Hanover Member, undivided
Unit Age:	Tertiary
Primary Rock Type:	limestone
Secondary Rock Type:	dolostone (dolomite)
Unit Description:	Comfort Member and New Hanover Member, undivided - Comfort Member: bryozoan-echinoid skeletal limestone, locally dolomitized, solution cavities common. New Hanover Member: phosphate-pebble conglomerate, micritic, thin; restricted to basal part of Castle Hayne Formation in southeastern counties.

Soil Information



SSURGO Soils

0 0.2 0.4 Miles N

This maps shows SSURGO soil units around the target property. Please refer to the report for detailed soil descriptions.

ERIS

Soil Information

The previous page shows a soil map using SSURGO data from USDA Natural Resources Conservation Service. Detailed information about each unit is provided below.

Map Unit Be (21.63%)

Map Unit Name:	Baymeade fine sand, 1 to 6 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	122cm
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.

Major components are printed below

Baymeade(90%)

horizon A(0cm to 5cm)	Fine sand
horizon E/Bh(5cm to 76cm)	Fine sand
horizon Bt(76cm to 102cm)	Fine sandy loam
horizon C(102cm to 203cm)	Loamy fine sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Be - Baymeade fine sand, 1 to 6 percent slopes

Component: Baymeade (90%)
The Baymeade component makes up 90 percent of the map unit. Slopes are 0 to 6 percent. This component is on low ridges on marine terraces, coastal plains. The parent material consists of loamy and sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 48 inches during January, February, December. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 3s. This soil does not meet hydric criteria.

Component: Lynn Haven (2%)
Generated brief soil descriptions are created for major soil components. The Lynn Haven, undrained soil is a minor component.

Component: Murville (2%)
Generated brief soil descriptions are created for major soil components. The Murville, undrained soil is a minor component.

Component: Leon (2%)
Generated brief soil descriptions are created for major soil components. The Leon soil is a minor component.

Component: Torhunta (2%)
Generated brief soil descriptions are created for major soil components. The Torhunta, undrained soil is a minor component.

Map Unit JO (3.56%)

Map Unit Name:	Johnston soils
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	0cm
Drainage Class - Dominant:	Very poorly drained
Hydrologic Group - Dominant:	A/D - These soils have low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Johnston(90%)

horizon A(0cm to 76cm)	Mucky loam

horizon Cg1(76cm to 86cm)	Loamy fine sand
horizon Cg2(86cm to 203cm)	Fine sandy loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: JO - Johnston soils

Component: Johnston (90%)
The Johnston, undrained component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on flood plains, coastal plains. The parent material consists of sandy and loamy alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is frequently flooded. It is frequently ponded. A seasonal zone of water saturation is at 0 inches during January, February, March, April, December. Organic matter content in the surface horizon is about 12 percent. Nonirrigated land capability classification is 7w. This soil meets hydric criteria.

Map Unit Le (19.85%)

Map Unit Name:	Leon sand
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	15cm
Drainage Class - Dominant:	Poorly drained
Hydrologic Group - Dominant:	A/D - These soils have low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Leon(80%)

horizon A(0cm to 8cm)	Sand
horizon E(8cm to 38cm)	Sand
horizon Bh(38cm to 76cm)	Fine sand
horizon BE(76cm to 84cm)	Fine sand
horizon E'(84cm to 168cm)	Fine sand
horizon B'h(168cm to 203cm)	Fine sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Le - Leon sand

Component: Leon (80%)
The Leon component makes up 80 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats on marine terraces, coastal plains. The parent material consists of sandy fluviomarine deposits and/or eolian sands. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 6 inches during January, February, March, April, December. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 4w. This soil meets hydric criteria.

Map Unit Ly (3.26%)

Map Unit Name:	Lynn Haven fine sand
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	8cm
Drainage Class - Dominant:	Poorly drained
Hydrologic Group - Dominant:	A/D - These soils have low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Lynn Haven(85%)

horizon A(0cm to 23cm)	Sand
horizon E(23cm to 30cm)	Fine sand
horizon Bh(30cm to 203cm)	Sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Ly - Lynn Haven fine sand

Component: Lynn Haven (85%)
The Lynn Haven, undrained component makes up 85 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats on marine terraces, coastal plains. The parent material consists of sandy fluviomarine deposits and/or eolian sands. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 3 inches during January, February, March, December. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 4w. This soil meets hydric criteria. There are no saline horizons within 30 inches of the soil surface.

Map Unit Mu (0.51%)

Map Unit Name:	Murville fine sand
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	0cm
Drainage Class - Dominant:	Very poorly drained
Hydrologic Group - Dominant:	A/D - These soils have low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Murville(80%)	
horizon A(0cm to 20cm)	Fine sand
horizon Bh(20cm to 114cm)	Fine sand
horizon C(114cm to 203cm)	Fine sand
Murville(10%)	
horizon A(0cm to 20cm)	Fine sand
horizon Bh(20cm to 114cm)	Fine sand
horizon C(114cm to 203cm)	Fine sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Mu - Murville fine sand

Component: Murville (80%)
The Murville, undrained component makes up 80 percent of the map unit. Slopes are 0 to 2 percent. This component is on depressions on marine terraces, coastal plains. The parent material consists of sandy fluviomarine deposits and/or eolian sands. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is frequently ponded. A seasonal zone of water saturation is at 0 inches during January, February, March, April, December. Organic matter content in the surface horizon is about 6 percent. Nonirrigated land capability classification is 5w. This soil meets hydric criteria.

Component: Murville (10%)
The Murville, drained component makes up 10 percent of the map unit. Slopes are 0 to 2 percent. This component is on depressions on marine terraces, coastal plains. The parent material consists of sandy fluviomarine deposits and/or eolian sands. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 0 inches during January, February, March. Organic matter content in the surface horizon is about 6 percent. Nonirrigated land capability classification is 3w. This soil meets hydric criteria.

Soil Information

Map Unit Pn (0.62%)

Map Unit Name:	Pantego loam
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	0cm
Drainage Class - Dominant:	Very poorly drained
Hydrologic Group - Dominant:	B/D - These soils have moderately low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Pantego(80%)	
horizon A(0cm to 46cm)	Loam
horizon Bt(46cm to 69cm)	Sandy clay loam
horizon Btg(69cm to 203cm)	Sandy clay loam
Pantego(10%)	
horizon A(0cm to 46cm)	Loam
horizon Bt(46cm to 69cm)	Sandy clay loam
horizon Btg(69cm to 203cm)	Sandy clay loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Pn - Pantego loam

Component: Pantego (80%)
The Pantego, drained component makes up 80 percent of the map unit. Slopes are 0 to 1 percent. This component is on flats on marine terraces, coastal plains. The parent material consists of loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is rarely flooded. It is not ponded. A seasonal zone of water saturation is at 0 inches during January, February, December. Organic matter content in the surface horizon is about 7 percent. Nonirrigated land capability classification is 3w. This soil meets hydric criteria.

Component: Pantego (10%)
The Pantego, undrained component makes up 10 percent of the map unit. Slopes are 0 to 1 percent. This component is on flats on marine terraces, coastal plains. The parent material consists of loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is rarely flooded. It is not ponded. A seasonal zone of water saturation is at 0 inches during January, February. Organic matter content in the surface horizon is about 7 percent. Nonirrigated land capability classification is 6w. This soil meets hydric criteria.

Map Unit Se (44.39%)

Map Unit Name:	Seagate fine sand
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	61cm
Drainage Class - Dominant:	Moderately well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Seagate(85%)	
horizon Ap(0cm to 20cm)	Fine sand
horizon E(20cm to 30cm)	Fine sand
horizon Bh(30cm to 71cm)	Fine sand
horizon E'(71cm to 91cm)	Fine sand
horizon Bt(91cm to 102cm)	Sandy loam
horizon Btg(102cm to 203cm)	Clay loam

Soil Information

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Se - Seagate fine sand

Component: Seagate (85%)
The Seagate component makes up 85 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats on marine terraces, coastal plains. The parent material consists of sandy and loamy fluviomarine deposits and/or marine deposits. Depth to a root restrictive layer, strongly contrasting textural stratification, is 20 to 40 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 24 inches during January, February, March, December. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 3w. This soil does not meet hydric criteria.

Component: Leon (5%)
Generated brief soil descriptions are created for major soil components. The Leon soil is a minor component.

Map Unit St (0.82%)

Map Unit Name:	Stallings fine sand
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	53cm
Drainage Class - Dominant:	Somewhat poorly drained
Hydrologic Group - Dominant:	A/D - These soils have low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Stallings(80%)	
horizon A(0cm to 20cm)	Loamy sand
horizon E(20cm to 30cm)	Loamy sand
horizon Btg(30cm to 107cm)	Sandy loam
horizon BCg(107cm to 203cm)	Loamy sand
Stallings(10%)	
horizon A(0cm to 20cm)	Loamy sand
horizon E(20cm to 30cm)	Loamy sand
horizon B(30cm to 107cm)	Sandy loam
horizon BC(107cm to 203cm)	Loamy sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: St - Stallings fine sand

Component: Stallings (80%)
The Stallings, drained component makes up 80 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats on marine terraces, coastal plains. The parent material consists of loamy and sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 21 inches during January, February, March. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria.

Component: Stallings (10%)
The Stallings, undrained component makes up 10 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats on marine terraces, coastal plains. The parent material consists of loamy and sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 21 inches during January, February, March, April, December. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 3w. This soil does not meet hydric criteria.

Soil Information

Component: Woodington (5%)
Generated brief soil descriptions are created for major soil components. The Woodington, undrained soil is a minor component.

Component: Rains (2%)
Generated brief soil descriptions are created for major soil components. The Rains, undrained soil is a minor component.

Map Unit Ur (3.9%)

Map Unit Name: Urban land

No more attributes available for this map unit

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Ur - Urban land

Component: Urban land (90%)
Generated brief soil descriptions are created for major soil components. The Urban land is a miscellaneous area.

Map Unit W (0.16%)

Map Unit Name: Water

No more attributes available for this map unit

Component Description:

Minor map unit components are excluded from this report.

Map Unit: W - Water

Component: Water (100%)
Generated brief soil descriptions are created for major soil components. The Water is a miscellaneous area.

Map Unit Wr (1.28%)

Map Unit Name:	Wrightsboro fine sandy loam, 0 to 2 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	61cm
Drainage Class - Dominant:	Moderately well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Wrightsboro(90%)

horizon Ap(0cm to 15cm)	Fine sandy loam
horizon E(15cm to 61cm)	Fine sandy loam
horizon Bt(61cm to 122cm)	Sandy clay loam
horizon 2Bg(122cm to 203cm)	Clay

Component Description:

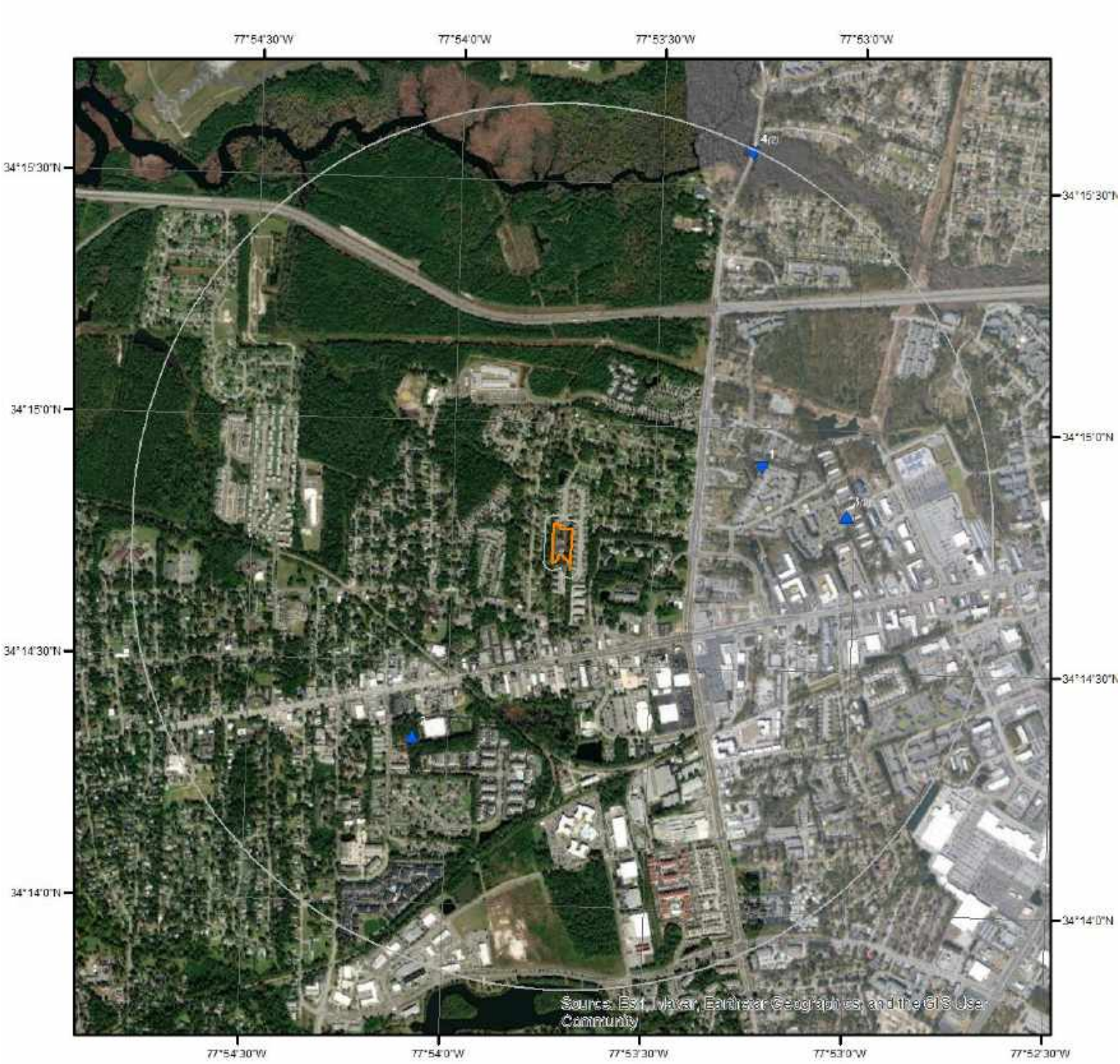
Minor map unit components are excluded from this report.

Map Unit: Wr - Wrightsboro fine sandy loam, 0 to 2 percent slopes

Component: Wrightsboro (90%)
The Wrightsboro component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on low ridges on marine terraces, coastal plains. The parent material consists of loamy and clayey fluviomarine deposits. Depth to a root restrictive

layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 24 inches during January, February. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria.

Wells and Additional Sources



Wells & Additional Sources

N

0 0.15 0.3 0.6 Miles

- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- OGW Sites with Higher Elevation
- OGW Sites with Same Elevation
- OGW Sites with Lower Elevation
- OGW Sites with Unknown Elevation

ERIS

Wells and Additional Sources Summary

Federal Sources

Public Water Systems Violations and Enforcement Data

Map Key	PWS ID	Distance (ft)	Direction
3	NC7065008	3444.51	E
4	NC0465163	5232.96	NNE

Safe Drinking Water Information System (SDWIS)

Map Key	PWS ID	Distance (ft)	Direction
3	NC7065008	3444.51	E
4	NC0465163	5232.96	NNE

USGS National Water Information System

Map Key	Site Number	Distance (ft)	Direction
1	USGS-341455077531445	2495.89	ENE
2	USGS-341420077540601	2800.43	SW

Wells from NWIS

Map Key	ID	Distance (ft)	Direction
	No records found		

State Sources

Oil and Gas Wells

Map Key	ID	Distance (ft)	Direction
	No records found		

Public Water Supply Sources

Map Key	ID	Distance (ft)	Direction
	No records found		

Underground Injection Control Wells

Map Key	ID	Distance (ft)	Direction
	No records found		

Water Distribution Wells

Map Key	ID	Distance (ft)	Direction

Wells and Additional Sources Summary

No records found

Public Water Systems Violations and Enforcement Data

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	E	0.65	3,444.51	37.07	PWSV

Address Line 2:	505 COBBLESTONE DR
State Code:	NC
Zip Code:	28405
City Name:	WILMINGTON
Address Line 1:	
PWS ID:	NC7065008
PWS Type Code:	CWS
PWS Type Description:	Community Water System
Primary Source Code:	SWP
Primary Source Desc:	Purchased Surface Water
PWS Activity Code:	I
PWS Activity Description:	Inactive
PWS Deactivation Date:	12/08/2004
Phone Number:	

--Details--

Population Served Count:	400
City Served:	WILMINGTON
County Served:	
State Served:	NC
Zip Code Served:	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	NNE	0.99	5,232.96	1.77	PWSV

Address Line 2:	
State Code:	NC
Zip Code:	28405
City Name:	WILMINGTON
Address Line 1:	1300 NORTH KERR AVE
PWS ID:	NC0465163
PWS Type Code:	CWS
PWS Type Description:	Community Water System
Primary Source Code:	GW
Primary Source Desc:	Groundwater
PWS Activity Code:	N
PWS Activity Description:	Non-public
PWS Deactivation Date:	04/04/2006
Phone Number:	910-392-1957

Wells and Additional Sources Detail Report

--Details--

Population Served Count: 24
City Served: WILMINGTON
County Served: New Hanover
State Served: NC
Zip Code Served:

Safe Drinking Water Information System (SDWIS)

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	E	0.65	3,444.51	37.07	SDWIS

PWS ID: NC7065008
PWS Type: Community water system
No of Facilities: 3
No of Violations: 1
No of Site Visits: 3
Cities Served: WILMINGTON
Counties Served: New Hanover
Population Served Count: 400
Primacy Agency: North Carolina
EPA Region: Region 4

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	NNE	0.99	5,232.96	1.77	SDWIS

PWS ID: NC0465163
PWS Type: Community water system
No of Facilities: 3
No of Violations: 20
No of Site Visits: 30
Cities Served: WILMINGTON
Counties Served: New Hanover
Population Served Count: 0
Primacy Agency: North Carolina
EPA Region: Region 4

USGS National Water Information System

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
1	ENE	0.47	2,495.89	30.99	FED USGS

Reporting Agency: USGS North Carolina Water Science Center
Site Number: USGS-341455077531445
Station Name: RAINGAGE NEAR MCCLELLAND DR NEAR WILMINGTON, NC
Site Type: Atmosphere
Latitude: 34.24861110000000

Wells and Additional Sources Detail Report

Longitude: -77.8872222000000
Date Drilled: 20170331
Well Depth:
Well Depth Unit:
Well Hole Depth:
W Hole Depth Unit:
Formation Type:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	SW	0.53	2,800.43	37.41	FED USGS

Reporting Agency: USGS North Carolina Water Science Center
Site Number: USGS-341420077540601
Station Name: NH-456 BLAKE BROS
Site Type: Well
Latitude: 34.23905870000000
Longitude: -77.9013752000000
Date Drilled:
Well Depth:
Well Depth Unit:
Well Hole Depth:
W Hole Depth Unit:
Formation Type:

Radon Information

This section lists any relevant radon information found for the target property.

Federal EPA Radon Zone for *NEW HANOVER* County: **3**

Zone 1: Counties with predicted average indoor radon screening levels greater than 4 pCi/L
Zone 2: Counties with predicted average indoor radon screening levels from 2 to 4 pCi/L
Zone 3: Counties with predicted average indoor radon screening levels less than 2 pCi/L

Federal Area Radon Information for *NEW HANOVER* County

No Measures/Homes:	70
Arithmetic Mean:	0.6
Maximum:	4
Minimum:	0
Notes on Data Table:	TABLE 1. Summary of screening indoor radon data in North Carolina from the EPA/State Residential Radon Survey, the North Carolina Cooperative Extension Service Radon Survey, and non-random data collected from vendors of charcoal canister radon detectors. Data represent 2-7 day screening tests.

Appendix

Federal Sources

FEMA National Flood Hazard Layer — **FEMA FLOOD**

The National Flood Hazard Layer (NFHL) data incorporates Flood Insurance Rate Map (FIRM) databases published by the Federal Emergency Management Agency (FEMA), and any Letters Of Map Revision (LOMRs) that have been issued against those databases since their publication date. The FIRM Database is the digital, geospatial version of the flood hazard information shown on the published paper FIRMs. The FIRM Database depicts flood risk information and supporting data used to develop the risk data. The FIRM Database is derived from Flood Insurance Studies (FISs), previously published FIRMs, flood hazard analyses performed in support of the FISs and FIRMs, and new mapping data, where available.

Indoor Radon Data — **INDOOR RADON**

Indoor radon measurements tracked by the Environmental Protection Agency(EPA) and the State Residential Radon Survey.

Public Water Systems Violations and Enforcement Data — **PWSV**

List of drinking water violations and enforcement actions from the Safe Drinking Water Information System (SDWIS) made available by the Drinking Water Protection Division of the US EPA's Office of Groundwater and Drinking Water. Enforcement sensitive actions are not included in the data released by the EPA. Address information provided in SWDIS may correspond either with the physical location of the water system, or with a contact address.

Radon Zone Level — **RADON ZONE**

Areas showing the level of Radon Zones (level 1, 2 or 3) by county. This data is maintained by the Environmental Protection Agency (EPA).

Safe Drinking Water Information System (SDWIS) — **SDWIS**

The Safe Drinking Water Information System (SDWIS) contains information about public water systems as reported to US Environmental Protection Agency (EPA) by the states. Addresses may correspond with the location of the water system, or with a contact address.

Soil Survey Geographic database — **SSURGO**

The Soil Survey Geographic database (SSURGO) contains information about soil as collected by the National Cooperative Soil Survey at the Natural Resources Conservation Service (NRCS). Soil maps outline areas called map units. The map units are linked to soil properties in a database. Each map unit may contain one to three major components and some minor components.

U.S. Fish & Wildlife Service Wetland Data — **US WETLAND**

The U.S. Fish & Wildlife Service Wetland layer represents the approximate location and type of wetlands and deepwater habitats in the United States.

USGS Current Topo — **US TOPO**

US Topo topographic maps are produced by the National Geospatial Program of the U.S. Geological Survey (USGS). The project was launched in late 2009, and the term "US Topo" refers specifically to quadrangle topographic maps published in 2009 and later.

USGS Geology — **US GEOLOGY**

Seamless maps depicting geological information provided by the United States Geological Survey (USGS).

USGS National Water Information System — **FED USGS**

The U.S. Geological Survey (USGS)'s National Water Information System (NWIS) is the nation's principal repository of water resources data. This database includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data.

Wells from NWIS — **FED USGS**

The U.S. Geological Survey's National Water Information System (NWIS) is the nation's principal repository of water resources data. The NWIS includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data. This NWIW dataset contains select Site Types from the overall NWIS Sites data, limited to the following Group Site Types only: Groundwater Group Site Types: Well, Collector or Ranney type well, Hyporheic-zone well,

Interconnected Wells, Multiple wells; Spring Group Site Type: Spring; and Other Group Site Types: Aggregate groundwater use, Cistern.

State Sources

Oil and Gas Wells **OGW**

As of NC state regulatory agencies, FracTracker Alliance - state of North Carolina confirmed not to have any active (drilled but not plugged) oil and gas wells.

Public Water Supply Sources **PWSS**

The North Carolina Department of Environmental Quality (DEQ), Division of Environmental Health, Public Water Supply Section in cooperation with the NC Center for Geographic Information and Analysis, tracks the locations of public water supply system sources in North Carolina.

Underground Injection Control Wells **UIC**

This list of Underground Injection Control Wells is made available by the North Carolina Department of Environment and Natural Resources.

Water Distribution Wells **WATER WELLS**

The North Carolina Rural Economic Development Center (NCREDC) in conjunction with Hobbs, Upchurch & Associates developed digital well locations data by individual system owners as required by contract. The data collected was to facilitate planning, siting and impact analysis in the 70 individual counties of North Carolina. This data contains information on groundwater intake wells, including: Well ID, construction date, latest renovation date, and safe yield. There has been no plan by the NCREDC or Hobbs, Upchurch & Associates to update this database.

Liability Notice

Reliance on information in Report: The Physical Setting Report (PSR) DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as a review of environmental databases and physical characteristics for the site or adjacent properties.

License for use of information in Report: No page of this report can be used without this cover page, this notice and the project property identifier. The information in Report(s) may not be modified or re-sold.

Your Liability for misuse: Using this Service and/or its reports in a manner contrary to this Notice or your agreement will be in breach of copyright and contract and ERIS may obtain damages for such mis-use, including damages caused to third parties, and gives ERIS the right to terminate your account, rescind your license to any previous reports and to bar you from future use of the Service.

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(4)
(6)
22
5650.00

2005051471

FOR REGISTRATION REGISTER OF DEEDS
REBECCA P. SMITH
NEW HANOVER COUNTY, NC
2005 SEP 06 03:43:18 PM
BK:4900 PG:1002-1008 FEE:$29.00
NC REV STAMP:$5,650.00
INSTRUMENT # 2005051471

Revenue Stamps: $5650.00 Recording time, book and page

Parcel Identifier No. (i) R04910-006-023-000 (ii) R04910-006-022-000 (iii) R04914-002-001-000
No certification or opinion on title is expressed by the preparer of this deed except as may appear from the preparer's signed certificate or opinion.

Prepared by: W. Talmage Jones
Hogue, Hill, Jones, Nash & Lynch, L.L.P.
P. O. Drawer 2178
Wilmington, NC 28402

RETURNED TO

Grantee mailing address: 1564 South 16th Street, Wilmington, NC 28401
Returned to: MARSHALL, WILLIAMS & GORHAM, LLP 14 South Fifth Street, Wilmington, NC 28401

STATE OF NORTH CAROLINA

COUNTY OF NEW HANOVER

WARRANTY DEED

KNOW ALL MEN BY THESE PRESENTS that WALMARK, LLC, a North Carolina limited liability company, "GRANTOR;" in consideration of TEN AND NO/100 ($10.00) DOLLARS and other good and valuable consideration, paid to GRANTOR by HOUSING AUTHORITY OF THE CITY OF WILMINGTON, a North Carolina public body and a body corporate and politic organized and existing under the laws of the State of North Carolina, "GRANTEE," the receipt of which is hereby acknowledged, by these presents, does give, grant, bargain, sell and convey unto the said GRANTEE, and GRANTEE'S successors and assigns, forever, in fee simple, all that certain lot or parcel of land located in the City of Wilmington, County of New Hanover, State of North Carolina, and more particularly described as follows:

TRACT 1
EASTBROOK TRACT

BEING all of that property conveyed to Grantor by deed recorded on April 12, 1999 in Book 2555, Page 0137 of the New Hanover County Register of Deeds, said property is more particularly described on attached Exhibit "A" that is incorporated herein by reference as fully as if set forth herein word for word.

TRACT 2
WOODBRIDGE TRACT

BEING all of that property conveyed to WOODBRIDGE, LLC by deed recorded on December 23, 1998 in Book 2492, page 0067 of the New Hanover County Register of Deeds, said property is more particularly described on attached Exhibit "A-1" that is incorporated herein by reference as fully as if set forth herein word for word.

TO HAVE AND TO HOLD the aforesaid lot or parcel of land and all privileges and appurtenances thereto belonging, to the said GRANTEE and said GRANTEE's successors and assigns, forever, in fee simple; and the GRANTOR, for itself, its successors and assigns, does covenant with the said GRANTEE and said GRANTEE's successors and assigns, that GRANTOR is seised of the premises in fee simple, and has the right to convey the same in the estate aforesaid, that title is marketable and free and clear of all encumbrances, except as herein stated, and that GRANTOR hereby will warrant and defend the title against the lawful claims of all persons whomsoever, except for the exceptions herein stated.

Title to the property is subject to the following exceptions:

The provisions of all applicable zoning and land use ordinances, statutes and regulations;
current year ad valorem taxes; and
all applicable restrictive covenants and utility easements of record.

The designation GRANTOR and GRANTEE as used herein shall include said parties, their heirs, successors, and assigns, and shall include singular, plural, masculine, feminine or neuter as required by context.

IN WITNESS WHEREOF, the GRANTOR has caused this instrument to be signed in its company name by its duly authorized Managers, this the 1st day of September, 2005.

WALMARK, LLC, a North Carolina limited liability company

By: _____ (SEAL)
WALTER O. WINTER, Manager

By: _____ (SEAL)
MARK L. MAYNARD, Manager

STATE OF NORTH CAROLINA
COUNTY OF NEW HANOVER

I, a Notary Public of the State and County aforesaid, certify that WALTER O. WINTER personally came before me this day and acknowledged that he is a Manager of WALMARK, LLC a North Carolina limited liability company, and that he, as Manager, being authorized to do so, executed the foregoing on behalf of the company

WITNESS my hand and official seal this the 1st day of September, 2005.

My commission expires: 6-22-10 (SEAL)

_____
Notary Public

NOTARY PUBLIC NEW HANOVER COUNTY, NC

STATE OF NORTH CAROLINA
COUNTY OF NEW HANOVER

I, a Notary Public of the State and County aforesaid, certify that MARK L. MAYNARD personally came before me this day and acknowledged that he is a Manager of WALMARK, LLC a North Carolina limited liability company, and that he, as Manager, being authorized to do so, executed the foregoing on behalf of the company

WITNESS my hand and official seal this the 1st day of September, 2005.

My commission expires: 6-22-10
(SEAL)

Kellie K. Morris
Notary Public



EXHIBIT "A"

BEGINNING at the intersection of the easterly right-of-way line of Estate Road (30 foot from its center-line) with the northerly right-of-way line of Princess Place Drive (30 feet from its center-line) Said beginning point being the southeasterly corner of a tract deeded to Princess Place Ventures, LLC by deed recorded in Book 1980 at Page 659 of the New Hanover County Registry Running thence from said beginning point;

1 North 03 degrees 45 minutes 28 seconds East 305 16 feet with the easterly right-of-way line of said Estate Road and the westerly line of said Princess Place Ventures, LLC Tract to an old iron pipe; thence

2 North 03 degrees 46 minutes 44 seconds East 176 71 feet with the easterly right-of-way line of said Estate Road and the westerly line of said Princess Place Ventures, LLC Tract to a point at the southwesterly corner of McClelland Townhomes as shown on a map recorded in Map Book 38 at Page 113 of the New Hanover County Registry, thence

3 South 86 degrees 57 minutes 39 seconds East 248 88 feet with the southerly line of said McClelland Townhomes to a point Last said point being the southeasterly corner of said McClelland Townhomes Last said point being on the easterly line of said tract deeded to Princess Place Ventures, LLC by deed recorded in Book 1980 at Page 659 at said registry, thence

4 South 03 degrees 05 minutes 26 seconds West 226 31 feet with the easterly line of said Princess Place Ventures, LLC Tract to an old concrete monument; thence

5 South 03 degrees 43 minutes 47 seconds West 305 42 feet, continuing with the easterly line of said Princess Place Ventures, LLC Tract to an old "PK" nail in a concrete sidewalk Last said point being on the northerly right-of-way line of said Princess Place Drive, thence

6 North 75 degrees 43 minutes 38 seconds West 256 01 feet with the northerly right-of-way line of said Princess Place Drive to the point of beginning

The above described tract contains 2 92 acres, more or less The same being a portion of said Tract deeded to Princess Place Ventures, LLC by deed recorded in Book 1980 at Page 659 at said registry

C:\DFS\Wallace\LLC2 92 acres wpd

EXHIBIT "A-1"

Legal Description
Prepared For
Housing Authority of the City
Of Wilmington, North Carolina
2.09 Acres +/-

Beginning, at the northeast corner of Lot 10B, Section B, Barclay Hills Subdivision, map of same being recorded in Map Book 6 Page 43 of the New Hanover County Registry; running thence from **Beginning Point** along and with along and with the eastern line of Section A, Barclay Hills Subdivision, as recorded in Map Book 6 Page 27 of the New Hanover County Registry; North 03 degrees 06 minutes 06 seconds East a distance of 420.68 feet to a point; thence leaving said eastern line, South 86 degrees 50 minutes 53 seconds East a distance of 80.28 feet to a point; thence South 03 degrees 07 minutes 27 seconds West a distance of 57.35 feet to a point; thence South 86 degrees 19 minutes 12 seconds East a distance of 148.37 feet to a point in the western line of the Mcclelland Townhomes Tract as recorded in Map Book 38 Page 113 of the New Hanover County Registry; thence with said western line South 03 degrees 45 minutes 14 seconds West a distance of 511.24 feet to a point; thence leaving said western line with a curve to the west (R=191.04',Arc=166.88') having a chord which bears North 21 degrees 22 minutes 05 seconds West a distance of 161.62 feet from the preceding point; thence North 46 degrees 24 minutes 49 seconds West a distance of 74.00 feet to a point; thence South 43 degrees 35 minutes 11 seconds West a distance of 60.00 feet to a point; thence South 46 degrees 24 minutes 49 seconds East a distance of 20.19 feet to a point; thence South 43 degrees 13 minutes 45 seconds West a distance of 23.50 feet to a point; thence along a curve to the north to a point located (R=87.75', Arc=70.47') having a chord which bears South 66 degrees 19 minutes 01 seconds West a distance of 68.59 feet from the preceding point; thence along the eastern line of the aforesaid Section B, Barclay Hills Subdivision, North 03 degrees 12 minutes 39 seconds East a distance of 7.30 feet to a point; thence continuing along and with the eastern line of the aforesaid Section B, Barclay Hills Subdivision, North 03 degrees 30 minutes 39 seconds East a distance of 54.62 feet to the **Point of Beginning**, containing 2.09 Acres more or less and being a portion of a tract of land described in Book 1534 Page 767 of the New Hanover County Registry.

EXHIBIT "A-1"
cont.

Legal Description
Prepared For
Housing Authority of the City
Of Wilmington, North Carolina
0.41 Acres +/-

Beginning at a point, said point being located in the southern line of Lot 10B, Section B, Barclay Hills Subdivision, as recorded at Map Book 6 Page 43, New Hanover County Registry at its intersection with the eastern R/W line of Barclay Hills Drive (60' Public R/W), said point also being the southwest corner of Lot 10B, Section B, Barclay Hills Subdivision, as recorded at Map Book 6 Page 43, New Hanover County Registry; thence from said **Point of Beginning** along and with the southern line of Lot 10B South 86 degrees 49 minutes 48 seconds East a distance of 236.15 feet to a point located in the eastern line of Barclay Hills Subdivision, Section B; thence along and with the eastern line of Barclay Hills Subdivision, Section B the following courses and distances, South 03 degrees 12 minutes 39 seconds West a distance of 7.30 feet to a point, thence South 03 degrees 12 minutes 39 seconds West a distance of 60.32 feet to a point; thence South 03 degrees 12 minutes 39 seconds West a distance of 7.50 feet to a point located in the northern line of Lot 8B, Section B, Barclay Hills Subdivision; thence along and with the northern line of Lot 8B North 86 degrees 45 minutes 02 seconds West a distance of 236.15 feet to a point located in the eastern R/W line of Barclay Hills Drive (60' Public R/W), thence along and with the eastern R/W line of Barclay Hills Drive North 03 degrees 13 minutes 03 seconds East a distance of 74.79 feet to the **Point of Beginning;** containing 0.41 Acres, more or less, and being a portion of a tract of land described in Book 1634 Page 1154 of the New Hanover County Registry.

Note: This area is utilized as "Grass Lane" – an improved roadway for use by the public.



REBECCA P. SMITH
REGISTER OF DEEDS, NEW HANOVER
216 NORTH SECOND STREET

WILMINGTON, NC 28401

****

Filed For Registration:	**09/06/2005 03:43:18 PM**
Book:	**RE 4900 Page: 1002-1008**
Document No.:	**2005051471**
	DEED 7 PGS $29.00
NC REAL ESTATE EXCISE TAX:	**$5,650.00**
Recorder:	**MICAH PHELPS**

****

State of North Carolina, County of New Hanover

The foregoing certificate of KELLIE K MORRIS Notary is certified to be correct. This 6TH of September 2005

REBECCA P. SMITH , REGISTER OF DEEDS

By: _____
Deputy/Assistant Register of Deeds

****

YELLOW PROBATE SHEET IS A VITAL PART OF YOUR RECORDED DOCUMENT. PLEASE RETAIN WITH ORIGINAL DOCUMENT AND SUBMIT FOR RE-RECORDING.

2005051471

2005051471

(3)
(4)
21/2

NO REVENUE STAMPS

2005051470

FOR REGISTRATION REGISTER OF DEEDS
REBECCA P. SMITH
NEW HANOVER COUNTY, NC
2005 SEP 06 03:43:18 PM
BK:4900 PG:997-1001 FEE:$23.00

INSTRUMENT # 2005051470

Revenue Stamps: -0- Recording time, book and page

Parcel Identifier No. **(i) R04910-006-022-000 (ii) R04914-002-001-000**
No certification or opinion on title is expressed by the preparer of this deed except as may appear from the preparer's signed certificate or opinion.

Prepared by: W. Talmage Jones
Hogue, Hill, Jones, Nash & Lynch, L.L.P.
P. O. Drawer 2178
Wilmington, NC 28402

RETURNED TO

Grantee mailing address: PO Box 1229 Wilmington, NC 28402
Returned to: MARSHALL, WILLIAMS & GORHAM, LLP 14 South Fifth Street, Wilington, NC 28401

STATE OF NORTH CAROLINA

COUNTY OF NEW HANOVER

WARRANTY DEED

KNOW ALL MEN BY THESE PRESENTS that WOODBRIDGE, LLC, a North Carolina limited liability company, "GRANTOR;" in consideration of TEN AND NO/100 ($10.00) DOLLARS and other good and valuable consideration, paid to GRANTOR by WALMARK, LLC, a North Carolina limited liability company, "GRANTEE," the receipt of which is hereby acknowledged, by these presents, does give, grant, bargain, sell and convey unto the said GRANTEE, and GRANTEE'S successors and assigns, forever, in fee simple, all that certain lot or parcel of land located in the City of Wilmington, County of New Hanover, State of North Carolina, and more particularly described as follows:

BEING all of that property conveyed to Grantor by deed recorded on December 23, 1998 in Book 2492, page 0067 of the New Hanover County Register of Deeds, said property is more particularly described on attached Exhibit "A" that is incorporated herein by reference as fully as if set forth herein word for word.

TO HAVE AND TO HOLD the aforesaid lot or parcel of land and all privileges and appurtenances thereto belonging, to the said GRANTEE and said GRANTEE's successors and assigns, forever, in fee simple; and the GRANTOR, for itself, its successors and assigns, does covenant with the said GRANTEE and said GRANTEE's successors and assigns, that GRANTOR is seised of the premises in fee simple, and has the right to convey the same in the estate aforesaid, that title is marketable and free and clear of all encumbrances, except as herein

stated, and that GRANTOR hereby will warrant and defend the title against the lawful claims of all persons whomsoever, except for the exceptions herein stated.

Title to the property is subject to the following exceptions:

The provisions of all applicable zoning and land use ordinances, statutes and regulations; current year ad valorem taxes; and
all applicable restrictive covenants and utility easements of record.

The designation GRANTOR and GRANTEE as used herein shall include said parties, their heirs, successors, and assigns, and shall include singular, plural, masculine, feminine or neuter as required by context.

IN WITNESS WHEREOF, the GRANTOR has caused this instrument to be signed in its company name by its duly authorized Manager, this the 1st day of September, 2005.

WOODBRIDGE, LLC, a North Carolina limited liability company

By: Walter O. Winter (SEAL)
WALTER O. WINTER, Manager

STATE OF NORTH CAROLINA
COUNTY OF NEW HANOVER

I, a Notary Public of the State and County aforesaid, certify that WALTER O. WINTER personally came before me this day and acknowledged that he is the Manager of WOODBRIDGE, LLC, a North Carolina limited liability company, and that he, as Manager, being authorized to do so, executed the foregoing on behalf of the company

WITNESS my hand and official seal this the 1st day of September, 2005.

Kellie K. Morris
Notary Public

My commission expires: 6-22-10
(SEAL)

KELLIE K. MORRIS NOTARY PUBLIC NEW HANOVER COUNTY, N.C.

F:\shared2\DeedPackages\Woodbridge_CityOfWilm.wpd

EXHIBIT "A"

Legal Description
Prepared For
Housing Authority of the City
Of Wilmington, North Carolina
2.09 Acres +/-

Beginning, at the northeast corner of Lot 10B, Section B, Barclay Hills Subdivision, map of same being recorded in Map Book 6 Page 43 of the New Hanover County Registry; running thence from **Beginning Point** along and with along and with the eastern line of Section A, Barclay Hills Subdivision, as recorded in Map Book 6 Page 27 of the New Hanover County Registry; North 03 degrees 06 minutes 06 seconds East a distance of 420.68 feet to a point; thence leaving said eastern line, South 86 degrees 50 minutes 53 seconds East a distance of 80.28 feet to a point; thence South 03 degrees 07 minutes 27 seconds West a distance of 57.35 feet to a point; thence South 86 degrees 19 minutes 12 seconds East a distance of 148.37 feet to a point in the western line of the Mcclelland Townhomes Tract as recorded in Map Book 38 Page 113 of the New Hanover County Registry; thence with said western line South 03 degrees 45 minutes 14 seconds West a distance of 511.24 feet to a point; thence leaving said western line with a curve to the west (R=191.04',Arc=166.88') having a chord which bears North 21 degrees 22 minutes 05 seconds West a distance of 161.62 feet from the preceding point; thence North 46 degrees 24 minutes 49 seconds West a distance of 74.00 feet to a point; thence South 43 degrees 35 minutes 11 seconds West a distance of 60.00 feet to a point; thence South 46 degrees 24 minutes 49 seconds East a distance of 20.19 feet to a point; thence South 43 degrees 13 minutes 45 seconds West a distance of 23.50 feet to a point; thence along a curve to the north to a point located (R=87.75', Arc=70.47') having a chord which bears South 66 degrees 19 minutes 01 seconds West a distance of 68.59 feet from the preceding point; thence along the eastern line of the aforesaid Section B, Barclay Hills Subdivision, North 03 degrees 12 minutes 39 seconds East a distance of 7.30 feet to a point; thence continuing along and with the eastern line of the aforesaid Section B, Barclay Hills Subdivision, North 03 degrees 30 minutes 39 seconds East a distance of 54.62 feet to the **Point of Beginning**, containing 2.09 Acres more or less and being a portion of a tract of land described in Book 1534 Page 767 of the New Hanover County Registry.

EXHIBIT "A"
cont.

Legal Description
Prepared For
Housing Authority of the City
Of Wilmington, North Carolina
0.41 Acres +/-

Beginning at a point, said point being located in the southern line of Lot 10B, Section B, Barclay Hills Subdivision, as recorded at Map Book 6 Page 43, New Hanover County Registry at its intersection with the eastern R/W line of Barclay Hills Drive (60' Public R/W), said point also being the southwest corner of Lot 10B, Section B, Barclay Hills Subdivision, as recorded at Map Book 6 Page 43, New Hanover County Registry; thence from said **Point of Beginning** along and with the southern line of Lot 10B South 86 degrees 49 minutes 48 seconds East a distance of 236.15 feet to a point located in the eastern line of Barclay Hills Subdivision, Section B; thence along and with the eastern line of Barclay Hills Subdivision, Section B the following courses and distances, South 03 degrees 12 minutes 39 seconds West a distance of 7.30 feet to a point, thence South 03 degrees 12 minutes 39 seconds West a distance of 60.32 feet to a point; thence South 03 degrees 12 minutes 39 seconds West a distance of 7.50 feet to a point located in the northern line of Lot 8B, Section B, Barclay Hills Subdivision; thence along and with the northern line of Lot 8B North 86 degrees 45 minutes 02 seconds West a distance of 236.15 feet to a point located in the eastern R/W line of Barclay Hills Drive (60' Public R/W), thence along and with the eastern R/W line of Barclay Hills Drive North 03 degrees 13 minutes 03 seconds East a distance of 74.79 feet to the **Point of Beginning;** containing 0.41 Acres, more or less, and being a portion of a tract of land described in Book 1634 Page 1154 of the New Hanover County Registry.

Note: **This area is utilized as "Grass Lane" – an improved roadway for use by the public.**



REBECCA P. SMITH
REGISTER OF DEEDS, NEW HANOVER
216 NORTH SECOND STREET

WILMINGTON, NC 28401

****

Filed For Registration: 09/06/2005 03:43:18 PM

Book: RE 4900 Page: 997-1001

Document No.: 2005051470

DEED 5 PGS $23.00

Recorder: MICAH PHELPS

****

State of North Carolina, County of New Hanover

The foregoing certificate of KELLIE K MORRIS Notary is certified to be correct. This 6TH of September 2005

REBECCA P. SMITH , REGISTER OF DEEDS

By: _____

Deputy/Assistant Register of Deeds

****

YELLOW PROBATE SHEET IS A VITAL PART OF YOUR RECORDED DOCUMENT. PLEASE RETAIN WITH ORIGINAL DOCUMENT AND SUBMIT FOR RE-RECORDING.

2005051470

2005051470

Appendix V: Site Photographs



1 - View of Grass Lane affording access to southwestern portion



2 - View of multi-family structure



3 - View of associated parking area followed by vegetation (western adjoining)



4 - View of entrance to gutted space



5 - View of gutted space



6 - View of interior of vacant tenant space



7 - View of bathroom



8 - View of termite damage



9 - View of popcorn ceiling



10 - View of suspect mold



11 - View of 12x12 floor tiles



12 - View of electrical HVAC



13 - View of pad-mounted transformer (non-PCB)



14 - View of playground area on northern portion followed by residential development (northern adjoining)



15 - View of vegetation along eastern boundary (eastern adjoining property)



16 - View of southern adjoining stormwater basin



17 - View of southern adjoining road

Appendix VI: Statement of Qualifications

ECS Group of Companies

Statement of Qualifications

2023

CONSTRUCTION MATERIALS

FACILITIES









GEOTECHNICAL

ENVIRONMENTAL

COMPANY OVERVIEW



2,200
employees

80+
locations

30+
years' experience

ABOUT OUR COMPANY

Engineering Consulting Services (ECS) is one of the largest and most rapidly growing engineering and consulting companies in the US. Founded in 1988, ECS is a leader in geotechnical, environmental, construction materials and facilities engineering. We are currently ranked 64 in *Engineering News-Record's* Top 500 Design Firms (April 2022) and 38 in Zweig Group's 2022 Hot Firms.

ECS CORE SERVICES

- Geotechnical
- Construction Materials

ECS FOOTPRINT

Whether your project requires local project management, specialty expertise or both, we have you covered. ECS provides the best of both worlds - the attention your projects deserve from our local team, coupled with abundant staffing and technical resources. With 2,200 employees, ECS has grown to more than 80 locations spread across the Mid-Atlantic, Midwest, Southeast and Southwest.

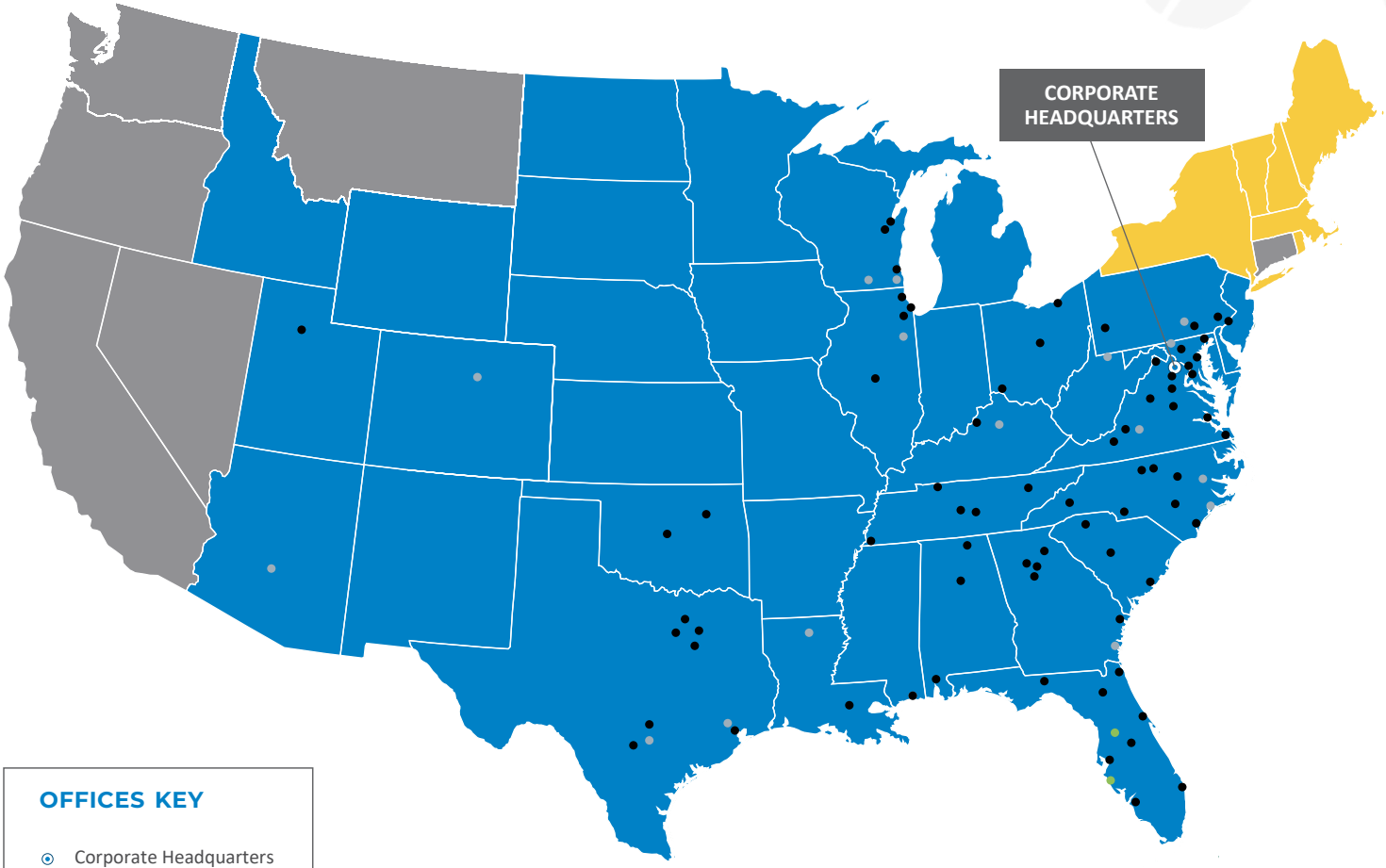
WHY ECS? WE HAVE GRIT.

What does that mean for you? That one descriptive word defines our company culture. It sets just the right tone for what our clients can expect our team to deliver each and every day. At ECS, GRIT is made up of four characteristics: guts, resilience, initiative and tenacity. Our boots are made for working. Click here for an inside look at what we do, who we are and why we have GRIT.

As a culture of doers, we roll up our sleeves and use our skills to help solve problems. We hustle.

WHEREVER YOUR PROJECT TAKES YOU, ECS HAS...

BOOTS ON THE GROUND



OFFICES KEY

- Corporate Headquarters
- Full Service Office
- Testing Services Office
- Drilling Services Office

SERVICES KEY

Materials Testing Service Area is approximately a 75-mile radius around each office.

- Environmental and Facilities
- Geotechnical, Environmental, Materials Testing, and Facilities
- Geotechnical, Environmental, and Facilities

DUE DILIGENCE





As part of typical commercial, industrial and residential real estate transactions, many services need to be completed prior to closing that should not be overlooked. ECS provides environmental and engineering due diligence services common to real estate transaction-driven work, including:

Environmental Due Diligence Services:

- Phase I Environmental Site Assessments (ESAs)
- Wetland and Stream Determination and Delineation Services
- Phase II Environmental Site Assessments (ESAs)
- Underground Storage Tank (UST) Assessments and Closures
- Environmental Transaction Screens (ETS)
- Regulatory Record Reviews
- HUD Assessments
- Endangered Species Assessments
- Historical and Cultural Surveys/Assessments
- Radon Assessment
- Asbestos Surveys and Abatement Design
- Lead-Based Paint Surveys and Abatement Design
- Microbial and Indoor Air Quality Assessments
- Vapor Intrusion Assessments
- Fannie Mae and Freddie Mac Assessments
- Contaminated soil management plans

Facilities Due Diligence Services:

- Accessibility Consulting
- Bank Draw Review
- Pre and Post Construction Surveys
- Property Condition Assessments (PCAs)
- Forensic Investigations
- GPR Surveys
- EIFS Services

Engineering Due Diligence Services:

- Subsurface Geotechnical Explorations
- Test Pit Evaluations
- Seismic Studies
- Cost estimating for construction
- Geologic Assessments

SAMANTHA POTTER

ENVIRONMENTAL SCIENTIST

CERTIFICATIONS

ACI: Concrete

WACEL: Soils

HAZWOPER

Radiation Safety for NUKE

SKILLS

Phase I ESAs

Field Reports

Concrete Testing

Soil Sampling

EDUCATION

Bachelor of Science, 2020,Environmental and Earth Science, Minor in Biology, University of North Carolina at Charlotte, Charlotte, NC

PROFESSIONAL PROFILE

Ms. Potter is an Environmental Scientist responsible for coordinating and preparing Phase I and II Environmental Site Assessments, environmental soil and groundwater sampling programs, site characterization reports, underground storage tank removal and remediation, state voluntary cleanup programs, risk assessments and hazardous materials surveys, environmental impact statements, and wetland delineation studies.

PROJECT EXPERIENCE

- Ramada Inn, Raleigh North Carolina
- Proposed Dollar General, Gibson, NC
- Proposed Grove 98, Wake Forest, NC
- Bedford Phase 5, Raeford, NC
- Alpaca Chicken, Durham, NC
- Morgan Automotive, Durham, NC

BRYCEN BRASWELL

ENVIRONMENTAL SCIENTIST



CERTIFICATIONS

HAZWOPER

SKILLS

Phase I Environmental Site Assessments

EDUCATION

Bachelor of Arts, 2021, Environmental Studies, University of North Carolina Wilmington, Wilmington, NC

PROFESSIONAL PROFILE

Mr. Braswell is an environmental scientist for ECS Southeast. He has experience with Phase I Environmental Site Assessments, site characterization reports, risk assessments. Mr. Braswell is responsible for writing daily reports such as environmental assessments and observation work completed in the field to provide clients, contractors, engineers, architects, and code officials with a clear audit trail for projects.

PROJECT EXPERIENCE

Windsor Corporate Center, Leland, NC - Conducted a Phase I report for a vacant site off Mercantile Drive. My role in the project was to conduct a site reconnaissance and include the information provided from EDR into the document. The project was not very extensive because the lot was vacant and had little to no history of structures

Erma Norris Property, Supply, NC - Conducted a typical Phase I report. As a part of this Phase I, I performed a site reconnaissance as well as included the information obtained from EDR into the report. This parcel was a wooded-agricultural 30.5-acre lot in a rural area. There were no structures on the site so this Phase I was straight forward.

Jacksonville Baptist Church, Jacksonville, NC - Conducted a Phase I report for a church that was undergoing construction to become a middle school and high school. The project included the site reconnaissance and included information from EDR in the document. The project was extensive because the EDR database contained Fire Insurance Maps which indicated the presence of former residential structures on-site.

Former Mission Foods Plant, Kinston, NC - Conducted a Phase I report for a former Mission Foods Plant. The project was straightforward considering there had not been previous structures on the subject property. My role consisted of site reconnaissance and compiling database information from EDR. The subject property consisted of a warehouse structure that is approximately 5,900 square feet of space that was constructed in 1996.

Retail Strip Center, Morehead City, NC - Conducted a Phase I report for a retail strip center that consisted of Faircloth Realty and Construction, Rutherford Financial Group Inc., Holler Ventures Limited, and Sunshine Cleaners and Laundry from 1999 to present. The Sunshine Cleaners and Laundry facility within this strip center was an active drycleaner and had previously had compliance inspection violations with NCDEQ.

SHANNON PRIESTER

PROJECT MANAGER



CERTIFICATIONS

40-Hour HAZWOPER Training

8-Hour HAZWOPER Refresher Training

ASTM Technical Training and E-Learning

SKILLS

Phase I ESAs

EDUCATION

Bachelor of Arts, Environmental Studies and Sustainability, UNC-Greensboro, Greensboro, NC

PROFESSIONAL ORGANIZATIONS

North Carolina Association of Environmental Professionals (NCAEP)

Society of Women Environmental Professionals (SWEP)

American Society of Safety Processionals (ASSP)

PROFESSIONAL PROFILE

Ms. Priester has been with ECS since 2004. Currently, she serves as a Project Manager and is primarily responsible for conducting environmental Phase I Site Assessments. Ms. Priester has performed Phase I Environmental Site Assessments (ESAs) for more than five years to determine environmental liabilities for commercial, residential, institutional, industrial, and retail facilities. She has experience performing Phase I ESAs to evaluate on-site and off-site concerns that may impact the site. Ms. Priester meets the ASTM definition for an Environmental Professional (EP.

Her scope of work typically includes performance of an on-site and off- site reconnaissance, reviewing regulatory lists, obtaining and reviewing aerial photographs, topographic maps, Sanborn Fire Insurance Maps, city directories, and other published information. She is responsible for proposals and invoicing for each project she manages.

Ms. Priester also serves as the Southeast Environmental Regional Safety Manager and is responsible for participating in corporate and regional safety meetings, preparing required monthly safety documentation, preparing incident reports, and coordinating required medical monitoring for employees who perform work under OSHA standards. Ms. Serves as the Due Diligence Committee Chair and serves on the Safety Policy Committee.

PROJECT EXPERIENCE

- US Farming Realty Trust Site, Pamlico County, NC
- First Citizens Bank Sites, Various Locations Across NC
- Wells Fargo Bank Sites, Various Locations Across NC
- First National Bank of PA, Various Locations Across NC
- The Exchange on Erwin, Durham, NC
- HT Fuel Center Sites, Various Locations Across NC
- McDonalds USA, LLC, Various Locations Across NC
- Stromberg Foods, Goldsboro, NC
- Kingsdown Mattress, Mebane, NC
- Drive Shack, Raleigh, NC
- Project Trace, Roxboro, NC
- Wawa, Various Locations Across NC
- Arsenal Park, Fayetteville, NC
- Cary Town Center, Cary, NC
- University Mall, Chapel Hill, NC
- Xenith Bank Portfolio, Various Locations Across NC

LORI DAVENPORT-PARKER, CEM, CPESC

ENVIRONMENTAL PRINCIPAL



REGISTRATIONS

ASTM Environmental Site Assessment for Commercial Real Estate

EAA Certified Environmental Manager

AL, KY and TN Licensed Asbestos Building Inspector

Hazardous Waste Operations-40 Hours, Supervisor

OSHA 10-Hr Construction Safety

Certified Professional in Erosion and Sediment Control (CPESC)

TDEC Level I Erosion Prevention & Sediment Control

Women in Commercial Real Estate Nashville-Executive Board of Directors 2008-2010, 2015-2022

SKILLS

Phase I Environmental Site Assessments

Phase II Environmental Site Assessments

IAQ, Radon, Mold, Asbestos and Lead Testing

EDUCATION

Associate of Science, Technical Art, Western Kentucky University

Bachelor of Arts, Management and Human Resources, Trevecca Nazarene University

PROFESSIONAL PROFILE

Ms. Parker has over 25 years of comprehensive technical and regulatory experience in supervising and managing Phase I Environmental Site Assessments and Phase II samplings. Technical experience includes over 2,000 environmental site assessments for a variety of facilities, including industrial, manufacturing, gasoline stations, dry cleaners, office/retail complexes, various commercial establishments, new development sites, multi-site acquisitions, and cell tower projects. Additional areas of expertise include environmental permitting (storm water, SPCC, air), regulatory compliance, lead-based paint, asbestos mold and radon sampling. She currently serves as a Due Diligence Assistant Manager for Southeast operations.

PROJECT EXPERIENCE

- Managed and performed Phase I ESA's and NEPA checklists including FCC Forms 620 and 621 for over 800 telecommunication towers.
- A project for a multi-million dollar property purchased by a large investment company for large multi-family residential apartment complexes.
- Maintains a volatile organic compound (VOC) and hazardous air pollutant (HAP) emission summary database and waste management reporting for a large packaging company since 2006.
- EPSC and QA/QC Inspections and preparation of Stormwater Pollution Prevention Plans (SWPPP) for the Tennessee Department of Transportation and industrial projects.
- Prepared pre-demolition and renovation asbestos surveys for various properties, including a Baseline Asbestos Survey for a multi-million square foot automotive manufacturing plant.
- Manages performance and oversight of large national medical office building/facility portfolios, including ESA's and PCA's.
- Manages various multi-site portfolio projects, i.e., senior living medical office, multi-family, grocery stores, fast food restaurants, etc.
- Management and oversight for multiple development projects in the TN Voluntary Cleanup, Oversight and Assistance Program, from application, assessment, construction soil management, regulatory coordination, to final return to beneficial use.

AFFILIATIONS

- Commercial Real Estate (CREW) Nashville - 2021
  Past President
- Environmental Assessment Association
- International Erosion Control Association (IECA)
- Nashville Chamber of Commerce

Appendix VII: Acronyms

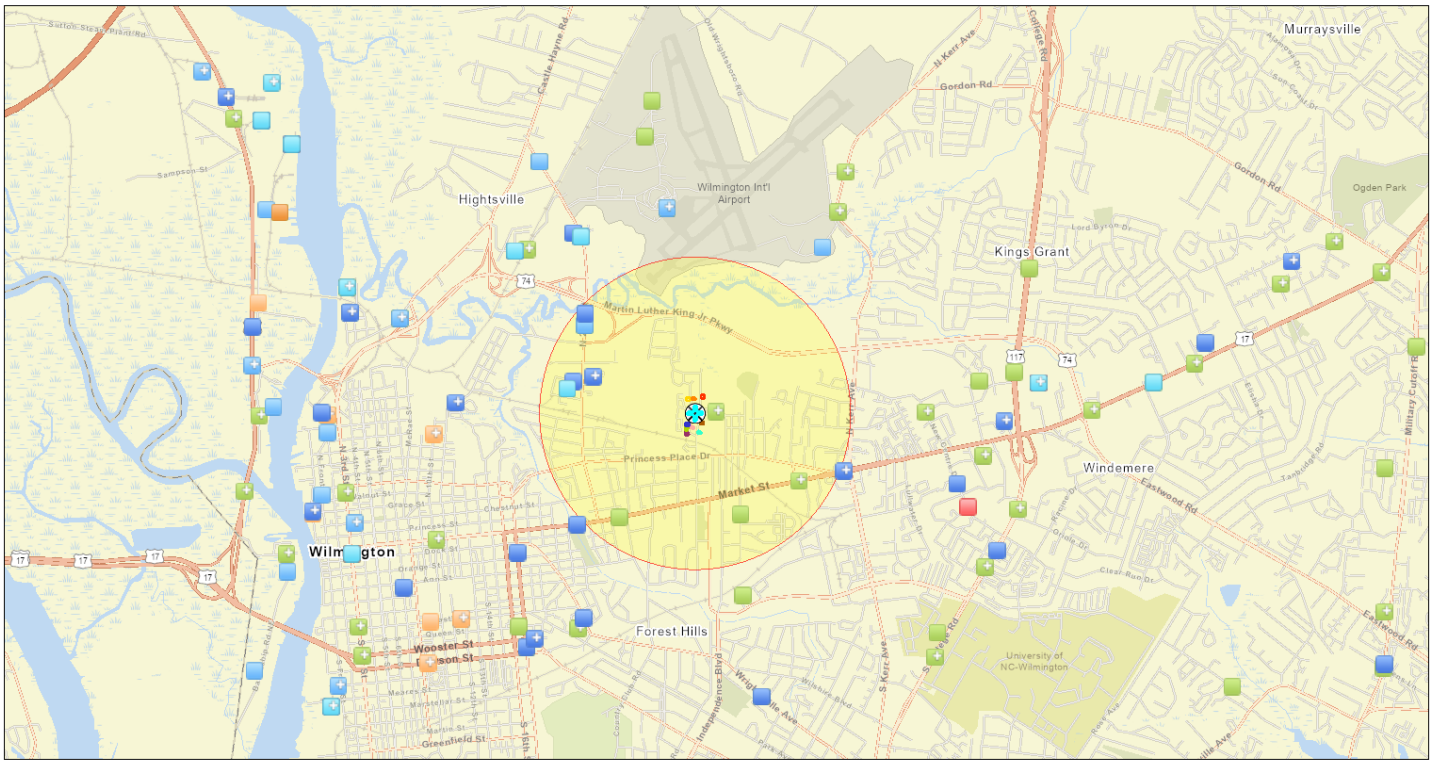
ACRONYMS

AUL	Activity and Use Limitations
AST	Aboveground Storage Tank
ASTM	American Society for Testing and Materials
ACM	Asbestos Containing Materials
BER	Business Environmental Risk
CORRACTS	CERCLA Corrective Action List
NPL	CERCLA National Priorities List
NFRAP	CERCLA No Further Remedial Action Planned
CERCLA	Comprehensive Environmental Response Cleanup Liability Act
CESQG	Conditionally Exempt Small Quantity Generator
CREC	Controlled Recognized Environmental Condition
ERNS	Emergency Response Notification System
EDR	Environmental Data Resources, Inc.
EC	Engineering Controls
HIST LF	Historical Landfill
HREC	Historical Recognized Environmental Condition
IC	Institutional Controls
LQG	Large Quantity Generator
LBP	Lead Based Paint
LTANKS	Leaking Tanks
LUST	Leaking Underground Storage Tank
NCDEQ	North Carolina Department of Environmental Quality
REC	Recognized Environmental Condition
RCRA	Resource Conservation and Recovery Act
RCRIS	Resource Conservation and Recovery Information System
SQG	Small Quantity Generator
SWF/LF	Solid Waste Facility/Landfill
SHWS	State Hazardous Waste Sites
UST	Underground Storage Tank
USGS	United States Geological Survey

Creekwood (14 Units) at
602, 712, 804, 805, 809 & 1008 N. 30th St.,
617, 701, 707, 708, 902, 915 & 922 Emory St.,
and 2905 Clayton Place, Wilmington, NC
28405

NEPAssist Report

Creekwood



April 28, 2023

1:44,501

0 0.45 0.9 1.8 mi
0 0.75 1.5 3 km

State of North Carolina DOT, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA

- Toxic Releases (TRI)
- Toxic Releases (TRI)
- Air Pollution (ICIS-AIR)
- Air Pollution (ICIS-AIR)
- Toxic Substances Control Act (TSCA)
- Brownfields (ACRES)
- Brownfields (ACRES)
- Superfund (NPL)
- Water Dischargers (NPDES)
- Water Dischargers (NPDES)
- Hazardous Waste (RCRAInfo)
- Hazardous Waste (RCRAInfo)
- Creekwood
- Project Buffer
- 804 N. 30th St.
- 902 Emory St.
- 712 N. 30th St.
- 707 Emory St.
- 708 Emory St.
- 1008 N. 30th St.
- 602 N. 30th St.
- 2905 Clayton Pl.
- 922 Emory St.
- 915 Emory St.
- 701 Emory St.
- 617 Emory St.
- 805 & 809 N. 30th St.

Project Location	34.248002,-77.907446
Within 1 mile of an Ozone 8-hr (1997 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of an Ozone 8-hr (2008 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a Lead (2008 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a SO2 1-hr (2010 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a PM2.5 24hr (2006 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a PM2.5 Annual (1997 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a PM2.5 Annual (2012 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a PM10 (1987 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a Federal Land?	no
Within 1 mile of an impaired stream?	no
Within 1 mile of an impaired waterbody?	yes
Within 1 mile of a waterbody?	yes
Within 1 mile of a stream?	yes
Within 1 mile of an NWI wetland?	Available Online
Within 1 mile of a Brownfields site?	no
Within 1 mile of a Superfund site?	no
Within 1 mile of a Toxic Release Inventory (TRI) site?	yes
Within 1 mile of a water discharger (NPDES)?	yes
Within 1 mile of a hazardous waste (RCRA) facility?	yes
Within 1 mile of an air emission facility?	yes

Within 1 mile of a school?	yes
Within 1 mile of an airport?	no
Within 1 mile of a hospital?	no
Within 1 mile of a designated sole source aquifer?	no
Within 1 mile of a historic property on the National Register of Historic Places?	no
Within 1 mile of a Toxic Substances Control Act (TSCA) site?	no
Within 1 mile of a Land Cession Boundary?	no
Within 1 mile of a tribal area (lower 48 states)?	no
Within 1 mile of the service area of a mitigation or conservation bank?	yes
Within 1 mile of the service area of an In-Lieu-Fee Program?	yes
Within 1 mile of a Public Property Boundary of the Formerly Used Defense Sites?	yes
Within 1 mile of a Munitions Response Site?	no
Within 1 mile of an Essential Fish Habitat (EFH)?	no
Within 1 mile of a Habitat Area of Particular Concern (HAPC)?	no
Within 1 mile of an EFH Area Protected from Fishing (EFHA)?	yes
Within 1 mile of a Bureau of Land Management Area of Critical Environmental Concern?	no
Within 1 mile of an ESA-designated Critical Habitat Area per U.S. Fish & Wildlife Service?	no
Within 1 mile of an ESA-designated Critical Habitat river, stream or water feature per U.S. Fish & Wildlife Service?	no

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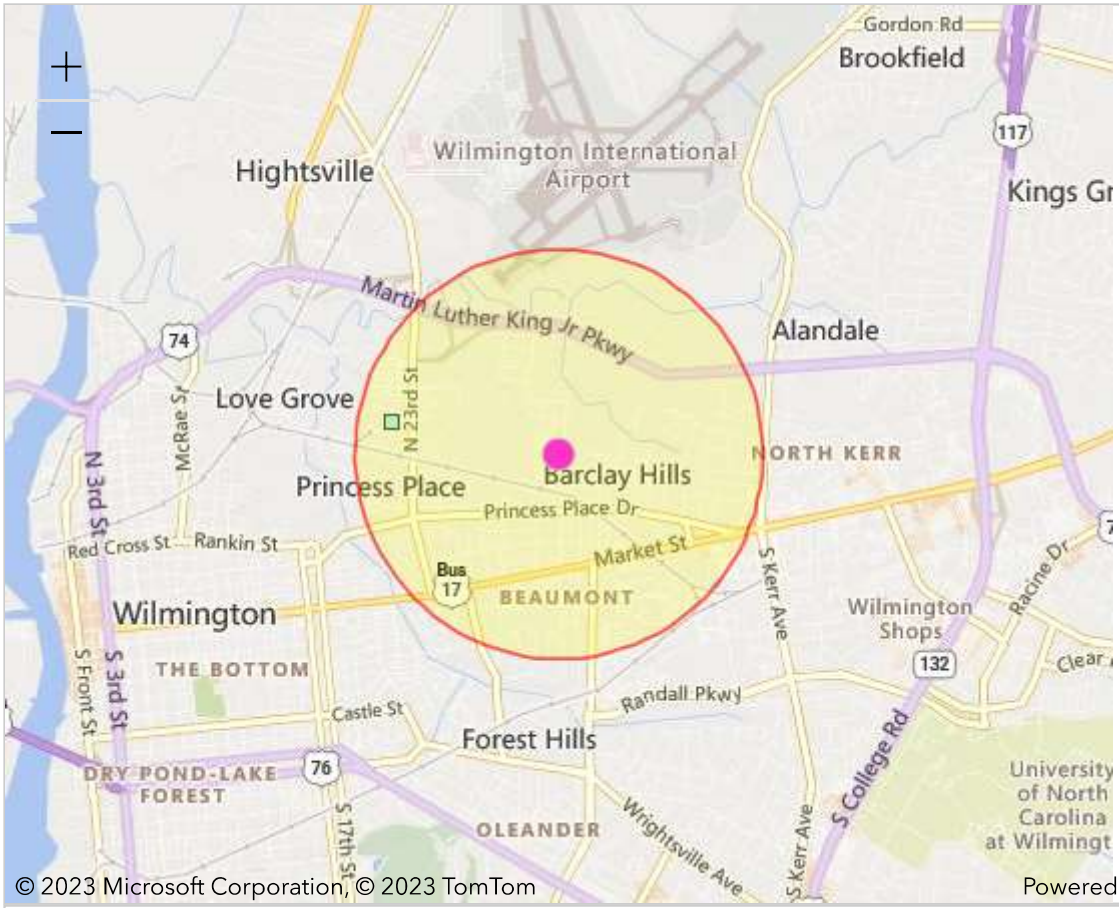

Report question: *Within 1 of a Toxic releases site?* yes

Modify question by entering a new buffer distance and unit for the selected study area:

1 | miles | Submit

Name	Distance
☐ FEDERAL PAPER BOARD CO INC (WILMINGTON,NC) (https://enviro.epa.gov/facts/tri/ef-facilities/#/Facility/28405FDRLP2221J)	0.84 mile

REGISTRY_ID: 110000615273
LATITUDE: 34.250295
LONGITUDE: -77.921794
PGM_SYS_ACRNM: TRIS
PGM_SYS_ID: 28405FDRLP2221J
LOCATION_ADDRESS: 2221 J R KENNEDY DR
CITY_NAME: WILMINGTON
COUNTY_NAME: NEW HANOVER
STATE_CODE: NC
EPA_REGION: Region 4
POSTAL_CODE: 28405-1819
FIPS_CODE: 37129
HUC_CODE:

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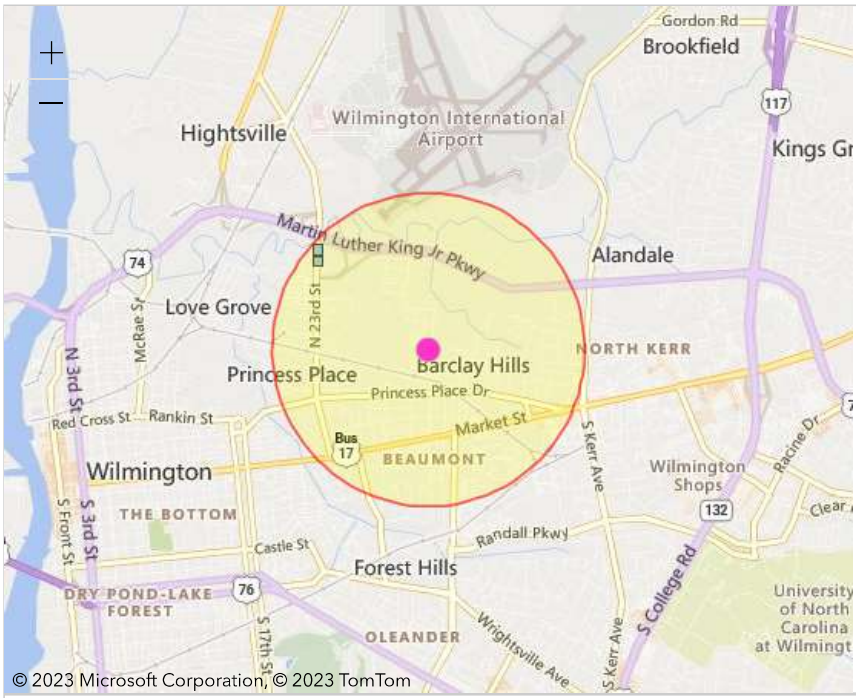
US Environmental Protection Agency (//www.epa.gov)



Powered by Esri (http://www.esri.com/)

Report question: ***Within 1 of a Water dischargers site?*** **yes**

Modify question by entering a new buffer distance and unit for the selected study area:

1 miles Submit

Name	Distance
☐ AAI PHARMA SERVICES CORP - N 23RD ST (WILMINGTON,NC) (https://enviro.epa.gov/enviro/ICIS_DETAIL_REPORTS_NPDESID.icis_tst?npvalue=1&npvalue=13&npvalue=14&npvalue=3&npvalue=4&npvalue=5&npvalue=6&rvalue=13&npvalue=2&npvalue=7&npvalue=8&npvalue=11&npvalue=12&npdesid=NCG060272)	0.95 mile

REGISTRY_ID: 110001487347
LATITUDE: 34.25722
LONGITUDE: -77.91978
PGM_SYS_ACRNM: NPDES
PGM_SYS_ID: NCG060272
LOCATION_ADDRESS: 1726 N 23RD ST
CITY_NAME: WILMINGTON
COUNTY_NAME: NEW HANOVER
STATE_CODE: NC
EPA_REGION: Region 4
POSTAL_CODE: 28405
FIPS_CODE: NC129
HUC_CODE:

☐ UNITED PARCEL SERVICE - N 23RD ST (WILMINGTON,NC) (https://enviro.epa.gov/enviro/ICIS_DETAIL_REPORTS_NPDESID.icis_tst?npvalue=1&npvalue=13&npvalue=14&npvalue=3&npvalue=4&npvalue=5&npvalue=6&rvalue=13&npvalue=2&npvalue=7&npvalue=8&npvalue=11&npvalue=12&npdesid=NCG080381)	0.91 mile

REGISTRY_ID: 110007668960
LATITUDE: 34.25617
LONGITUDE: -77.91983
PGM_SYS_ACRNM: NPDES
PGM_SYS_ID: NCG080381
LOCATION_ADDRESS: 1620 N 23RD ST
CITY_NAME: WILMINGTON
COUNTY_NAME: NEW HANOVER
STATE_CODE: NC
EPA_REGION: Region 4
POSTAL_CODE: 28401
FIPS_CODE: NC129
HUC_CODE:

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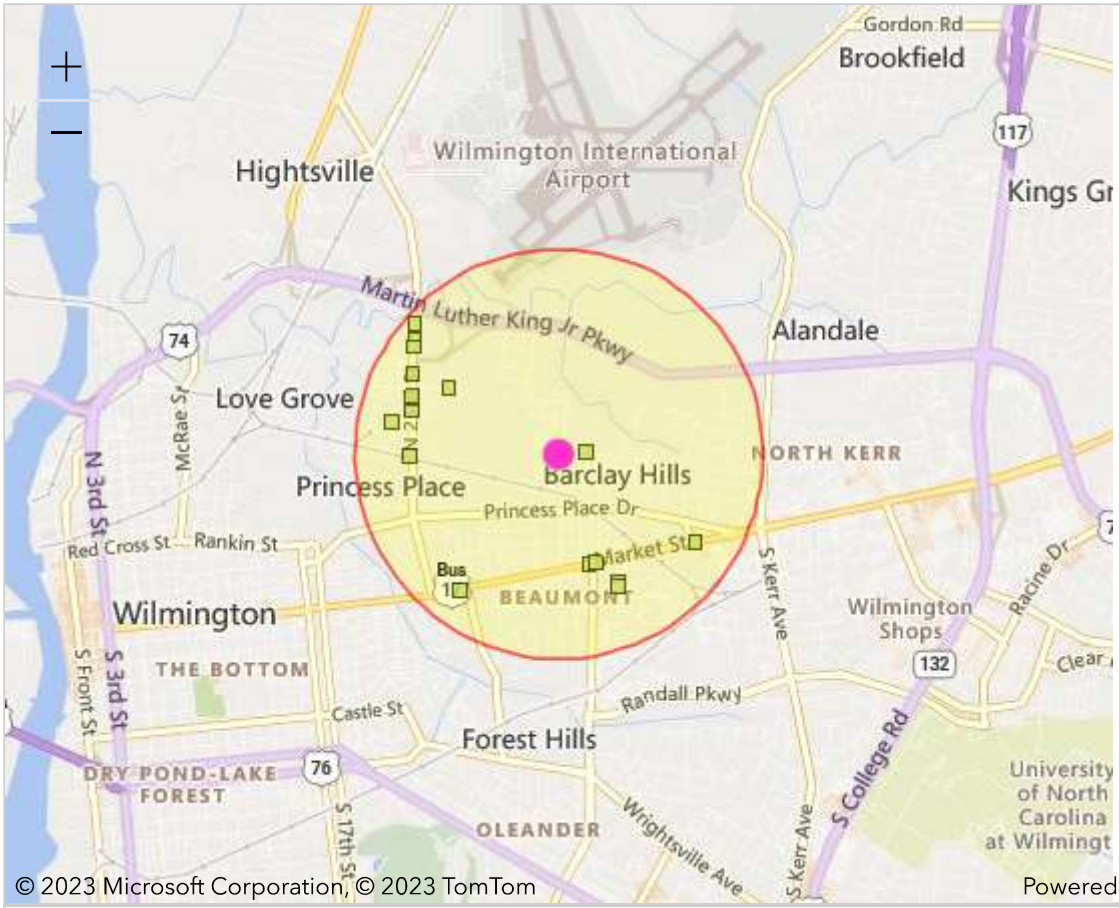
US Environmental Protection Agency (//www.epa.gov)



Report question: *Within 1 of a Hazardous waste site?* yes

Modify question by entering a new buffer distance and unit for the selected study area:

1 | miles | Submit

Name	Distance
ROSE CITY PICTURES INC THE CONJURING (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCD981480148)	0.81 mile
HAMILTON GLASS (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCR000000083)	0.56 mile
ALCAMI CORPORATION (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCR000006817)	0.95 mile
UNITED PARCEL SERVICE - WILMINGTON (NCWLK) (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCD986194678)	0.91 mile
CVS PHARMACY #4846 (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCR000152538)	0.56 mile
AAI PHARMA CLINICAL PACKAGING DIV (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCS000001967)	0.88 mile
AAIPHARMA SERVICES (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCD982165995)	0.77 mile
FEDERAL EXPRESS CORP (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCD986173631)	0.75 mile
PARK & ROYAL SPECIALITY CLEANERS (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NC0000124693)	0.69 mile

Name	Distance
☐ US ARMY CORPS OF ENGINEERS (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NC9210800000)	0.71 mile
☐ CITY OF WILMINGTON POLICE DEPARTMENT (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCR000173583)	0.13 mile
☐ EXXON RAS #47262 (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCD986186245)	0.83 mile
☐ ALCAMI CORPORATION (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCR000166736)	0.73 mile
☐ NOVANT HEALTH NEW HANOVER REGIONAL MEDICAL CENTER CRITICAL SUPPORT FACILITY (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCD072022726)	0.84 mile
☐ WES HOWELL VOLVO (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCD986189231)	0.79 mile
☐ ALCAMI CORPORATION (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCR000012195)	0.63 mile

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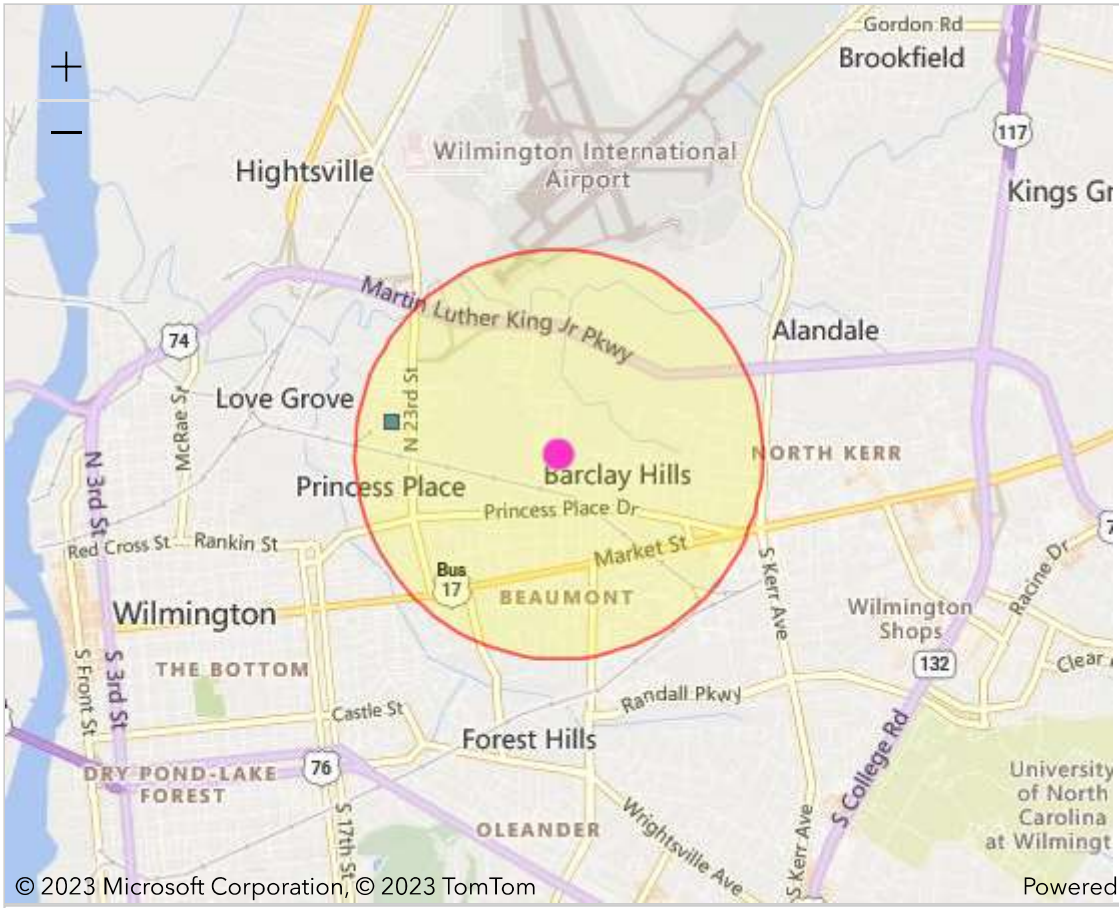
US Environmental Protection Agency (//www.epa.gov)



Report question: ***Within 1 of a Air emissions site?*** **yes**

Modify question by entering a new buffer distance and unit for the selected study area:

1 | miles | Submit

Name	Distance
☐ MEADWESTVACO PACKAGING SYSTEMS, LLC ** INACTIVE ** (WILMINGTON,NC) (https://enviro.epa.gov/enviro/airsquery.detail_plt_view?p_id=NC0000003706500236)	0.84 mile

REGISTRY_ID: 110000615273
LATITUDE: 34.250295
LONGITUDE: -77.921794
PGM_SYS_ACRNM: AIR
PGM_SYS_ID: NC0000003706500236
LOCATION_ADDRESS: 2221 J.R. KENNEDY DRIVE
CITY_NAME: WILMINGTON
COUNTY_NAME:
STATE_CODE: NC
EPA_REGION: Region 4
POSTAL_CODE: 28405
FIPS_CODE: NC129
HUC_CODE:

An official website of the United States government
Here is how you know

MENU

Search EPA.gov

Plant Information

MEADWESTVACO PACKAGING SYSTEMS, LLC ** INACTIVE ** 2221 J.R. KENNEDY DRIVE WILMINGTON, NC 28405		

Operating Status Code	CLS	**Operating Status Desc.**	Permanently Closed
Facility ID	NC0000003706500236	**State Registration Number**	
Facility Type Code	POF	**Facility Type Desc.**	Privately Owned Facility
Government Facility Code		**Government Facility Description**	

NAICS Information

NAICS Code	NAICS Description
322221	Coated and Laminated Packaging Paper and Plastics Film Manufacturing [2007]

SIC Information

SIC Code	SIC Description
2657	Folding Paperboard Boxes
2671	Paper Coated & Laminated, Packaging
2675	Die-Cut Paper And Board

Air Program Information

Program Code	Program Description	Operating Status	Subpart Code	Subpart Description
CAAMACT	MACT Standards (40 CFR Part 63)	Permanently Closed	CAAMACTA	MACT Part 63 - Subpart A - GENERAL PROVISIONS
CAAMACT	MACT Standards (40 CFR Part 63)	Permanently Closed	CAAMACTKK	MACT Part 63 - Subpart KK - PRINTING & PUBLISHING
CAASIP	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards	Permanently Closed		
CAATVP	Title V Permits	Permanently Closed		

Air Pollutant Information

Pollutant Code	Pollutant Description	Chemical Abstract Service (CAS) Number	SRS ID	AIR Pollutant Class Code	AIR Pollutant Class Description
10461	Sulfur dioxide	7446095	150367	MIN	Minor Emissions

Pollutant Code	Pollutant Description	Chemical Abstract Service (CAS) Number	SRS ID	AIR Pollutant Class Code	AIR Pollutant Class Description
300000094	Hexane	110543	26740	MAJ	Major Emissions
300000097	Toluene	108883	25452	MAJ	Major Emissions
300000329	FACIL			MIN	Minor Emissions
300000322	TOTAL PARTICULATE MATTER		1647643	MIN	Minor Emissions
300000243	VOLATILE ORGANIC COMPOUNDS (VOCS)		761346	MAJ	Major Emissions

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Air Compliance Monitoring Information

State/EPA Flag	Activity Type	Activity Type Description	Compliance Monitor Type	Compliance Monitor Type Description	End Date	Program Code
S	INS	Inspection/Evaluation	FOO	FCE On-Site	15-MAY-09	CAAMACT,CAASIP,CAATVP
S	INS	Inspection/Evaluation	FOO	FCE On-Site	04-SEP-08	CAAMACT,CAASIP,CAATVP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	28-MAY-08	CAAMACT,CAASIP,CAATVP
S	INS	Inspection/Evaluation	FOO	FCE On-Site	20-AUG-07	CAAMACT,CAASIP,CAATVP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	22-MAY-07	CAAMACT,CAASIP,CAATVP
S	INS	Inspection/Evaluation	FOO	FCE On-Site	29-AUG-06	CAAMACT,CAASIP,CAATVP

State/EPA Flag	Activity Type	Activity Type Description	Compliance Monitor Type	Compliance Monitor Type Description	End Date	Program Code
S	INS	Inspection/Evaluation	PCE	PCE On-Site	24-MAY-06	CAAMACT,CAASIP,CAATVP
S	INS	Inspection/Evaluation	FOO	FCE On-Site	10-AUG-05	CAAMACT,CAASIP,CAATVP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	27-APR-05	CAAMACT,CAASIP,CAATVP
S	INS	Inspection/Evaluation	FOO	FCE On-Site	25-AUG-04	CAAMACT,CAASIP,CAATVP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	10-JUN-04	CAAMACT,CAASIP,CAATVP
S	INS	Inspection/Evaluation	FOO	FCE On-Site	26-SEP-03	CAAMACT,CAASIP,CAATVP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	15-APR-03	CAAMACT,CAASIP,CAATVP
S	INS	Inspection/Evaluation	FOO	FCE On-Site	02-AUG-02	CAAMACT,CAASIP
S	INS	Inspection/Evaluation	FOO	FCE On-Site	07-MAR-02	CAAMACT,CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	31-JUL-01	CAAMACT,CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	14-MAR-01	CAAMACT,CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	01-SEP-00	CAAMACT,CAASIP

State/EPA Flag	Activity Type	Activity Type Description	Compliance Monitor Type	Compliance Monitor Type Description	End Date	Program Code
S	INS	Inspection/Evaluation	PCE	PCE On-Site	10-MAY-00	CAAMACT,CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	23-SEP-99	CAAMACT,CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	21-JUL-99	CAAMACT,CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	18-SEP-98	CAAMACT,CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	15-JUL-98	CAAMACT,CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	22-SEP-97	CAAMACT,CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	14-JUL-97	CAAMACT,CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	20-AUG-96	CAAMACT,CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	18-JUN-96	CAAMACT,CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	14-SEP-95	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	14-SEP-95	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	29-SEP-93	CAASIP

State/EPA Flag	Activity Type	Activity Type Description	Compliance Monitor Type	Compliance Monitor Type Description	End Date	Program Code
S	INS	Inspection/Evaluation	PCE	PCE On-Site	29-SEP-93	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	03-OCT-90	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	01-OCT-90	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	19-APR-89	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	19-AUG-88	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	25-AUG-87	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	26-MAY-87	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	03-FEB-87	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	10-SEP-86	CAASIP

Formal Enforcement Information

State/EPA Flag	Activity Type	Activity Type Description	Enforcement Identifier	Enforcment Type Code	Total Penalty Assessed	Settlement Entered Date
S	AFR	Administrative - Formal	NC000A00003712900236	SCAAAO	2209	09-JUL-09
S	AFR	Administrative - Formal	NC000A00003706500236	SCAAAO		09-JUL-09

Informal Enforcement Information

State/EPA Flag	Activity Type	Activity Type Description	Enforcement Identifier	Enforcement Type Code	Total Penalty Assessed	End Date
S	AIF	Administrative - Informal	NC000A00003712900236	NOV		29-APR-09
S	AIF	Administrative - Informal	NC000A00003712900236	NOV		20-SEP-07

Title V Annual Compliance Certificate (TVACC) Information

State/EPA Flag	Receipt Date	Reviewed Date	Deviation Flag
S	27-JAN-04	28-JAN-04	
S	18-JAN-05	19-JAN-05	
S	20-FEB-06	21-FEB-06	
S	15-FEB-07	16-FEB-07	
S	27-FEB-08	28-FEB-08	
S	09-FEB-10	09-FEB-10	N
S	23-APR-09	30-APR-09	N
S	23-APR-09	30-APR-09	Y

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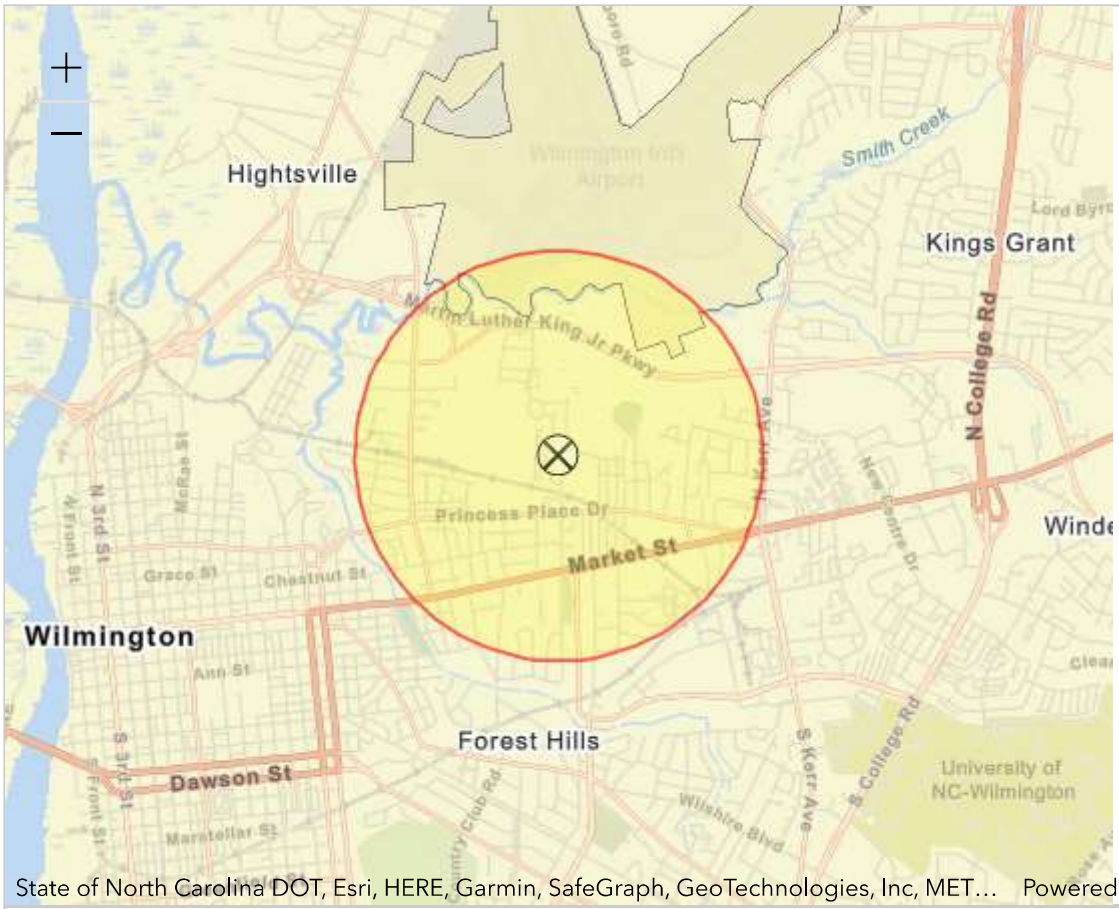
US Environmental Protection Agency (//www.epa.gov)



State of North Carolina DOT, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, MET… Powered by Esri (http://www.esri.com/)

Report question: ***Within 1 mile of a Public Property Boundary of the Formerly Used Defense Sites?*** **yes**

Modify question by entering a new buffer distance and unit for the selected study area:

1 | miles | Submit

Features within Study Area

Features found: 1

Name **Distance**

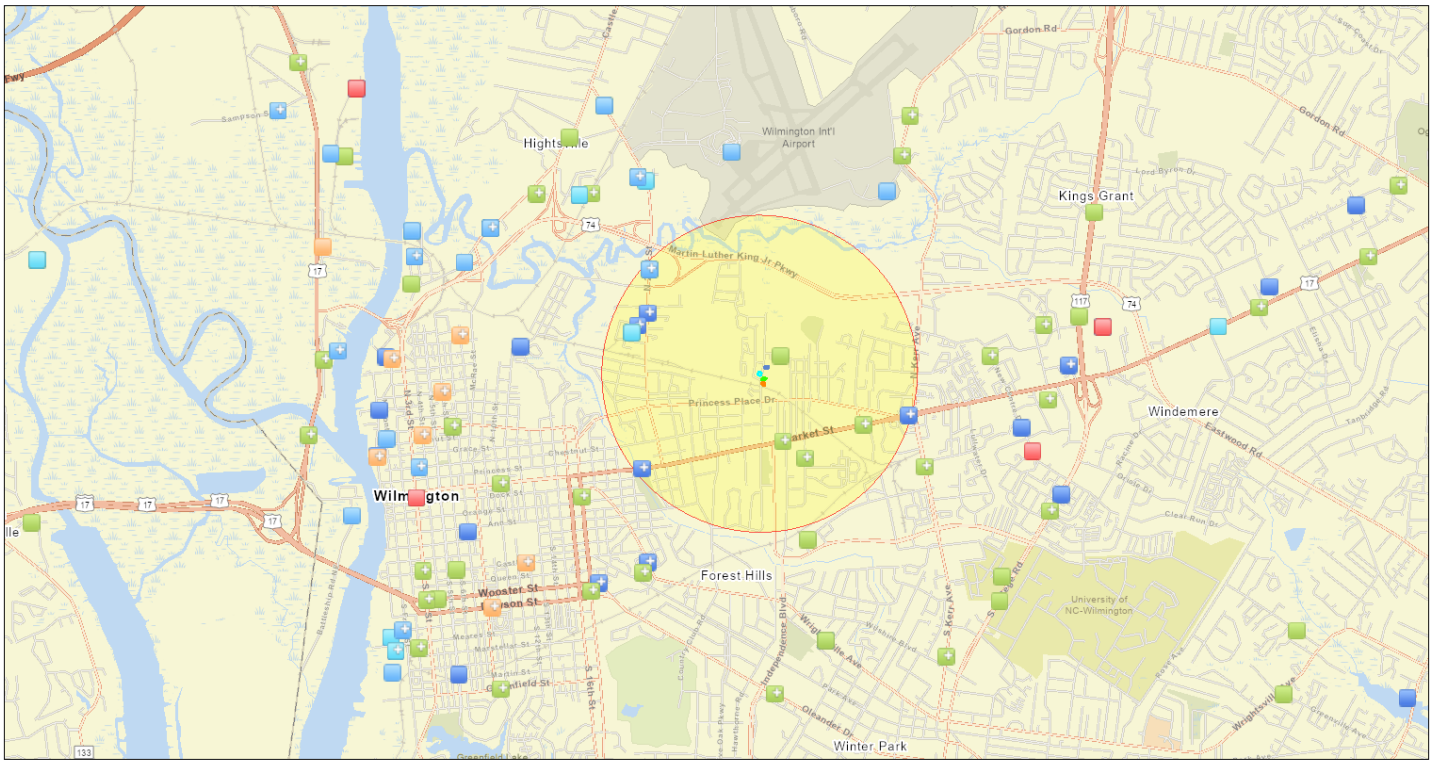
☐ NEW HANOVER CNTY ARPT 0.64 mile

CLOSESTCIT: WILMINGTON
CONGRESSIO: 07
COUNTY: NEW HANOVER
CURRENTOWN: Local Government
DODFUDSPRO:
ELIGIBILIT: Eligible
EMSMGMTACT: https://fudsportal.usace.army.mil/ems/inventory/map?id=58079
EPAREGION: 04
FEATUREDES:
FEATURENAM: NEW HANOVER CNTY ARPT
FUDSINSTAL: NC49799F483500
FUDSUNIQUE: I04NC0101
HASPROJECT: Yes
LATITUDE: 34.27111111
LONGITUDE: -77.90444444
MEDIAID:
METADATAID:
NOFURTHERA:
PROJECTREQ:
SDSID:
SITEELIGIB: Eligible
STATE: nc
STATUS: Properties with all projects at site closeout
STATUSCODE: Not Listed
USACEDISTR: sas
FISCALYEAR: 2020
USACEDIVIS: sad
PROPERTYHI: The DoD established a bomber command airfield during World War II. The site was transferred to New Hanover County in 1947 and used by the Air Force from the 1960s until 1977. The burn facility was constructed in the 1960s. This area is currently being cl
Shape__Are: 0.000575378978965
Shape__Len: 0.195181144817112
Shape_Length: 0.19518114461904096
Shape_Area: 0.000575378978031202

Creekwood South (6 Units) at
502, 522, 609, 611, 613 & 710 N. 30th St.,
Wilmington, NC 28405

NEPAssist Report

Creekwood South



April 26, 2023

1:44,501

0 0.45 0.9 1.8 mi

0 0.75 1.5 3 km

State of North Carolina DOT, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA

- Toxic Substances Control Act (TSCA)
- Brownfields (ACRES)
- Brownfields (ACRES)
- Water Dischargers (NPDES)
- Water Dischargers (NPDES)
- Toxic Releases (TRI)
- Toxic Releases (TRI)
- Hazardous Waste (RCRAInfo)
- Hazardous Waste (RCRAInfo)
- Air Pollution (ICIS-AIR)
- Air Pollution (ICIS-AIR)
- Superfund (NPL)
- Project Buffer
- 710 N. 30th St.
- Creekwood South
- 502 N. 30th St., Wilmington, NC 28405
- 522 N. 30th St.

Input Coordinates: 34.246694,-77.907525,34.246570,-77.907214,34.246277,-77.907353,34.246419,-77.907696,34.246694,-77.907525	
Project Area	0.00 sq mi
Within 1 mile of an Ozone 8-hr (1997 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of an Ozone 8-hr (2008 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a Lead (2008 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a SO2 1-hr (2010 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a PM2.5 24hr (2006 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a PM2.5 Annual (1997 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a PM2.5 Annual (2012 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a PM10 (1987 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a Federal Land?	no
Within 1 mile of an impaired stream?	yes
Within 1 mile of an impaired waterbody?	yes
Within 1 mile of a waterbody?	yes
Within 1 mile of a stream?	yes
Within 1 mile of an NWI wetland?	Available Online
Within 1 mile of a Brownfields site?	no
Within 1 mile of a Superfund site?	no
Within 1 mile of a Toxic Release Inventory (TRI) site?	yes
Within 1 mile of a water discharger (NPDES)?	yes
Within 1 mile of a hazardous waste (RCRA) facility?	yes

Within 1 mile of an air emission facility?	yes
Within 1 mile of a school?	yes
Within 1 mile of an airport?	no
Within 1 mile of a hospital?	no
Within 1 mile of a designated sole source aquifer?	no
Within 1 mile of a historic property on the National Register of Historic Places?	no
Within 1 mile of a Toxic Substances Control Act (TSCA) site?	no
Within 1 mile of a Land Cession Boundary?	no
Within 1 mile of a tribal area (lower 48 states)?	no
Within 1 mile of the service area of a mitigation or conservation bank?	yes
Within 1 mile of the service area of an In-Lieu-Fee Program?	yes
Within 1 mile of a Public Property Boundary of the Formerly Used Defense Sites?	yes
Within 1 mile of a Munitions Response Site?	no
Within 1 mile of an Essential Fish Habitat (EFH)?	no
Within 1 mile of a Habitat Area of Particular Concern (HAPC)?	no
Within 1 mile of an EFH Area Protected from Fishing (EFHA)?	yes
Within 1 mile of a Bureau of Land Management Area of Critical Environmental Concern?	no
Within 1 mile of an ESA-designated Critical Habitat Area per U.S. Fish & Wildlife Service?	no
Within 1 mile of an ESA-designated Critical Habitat river, stream or water feature per U.S. Fish & Wildlife Service?	no

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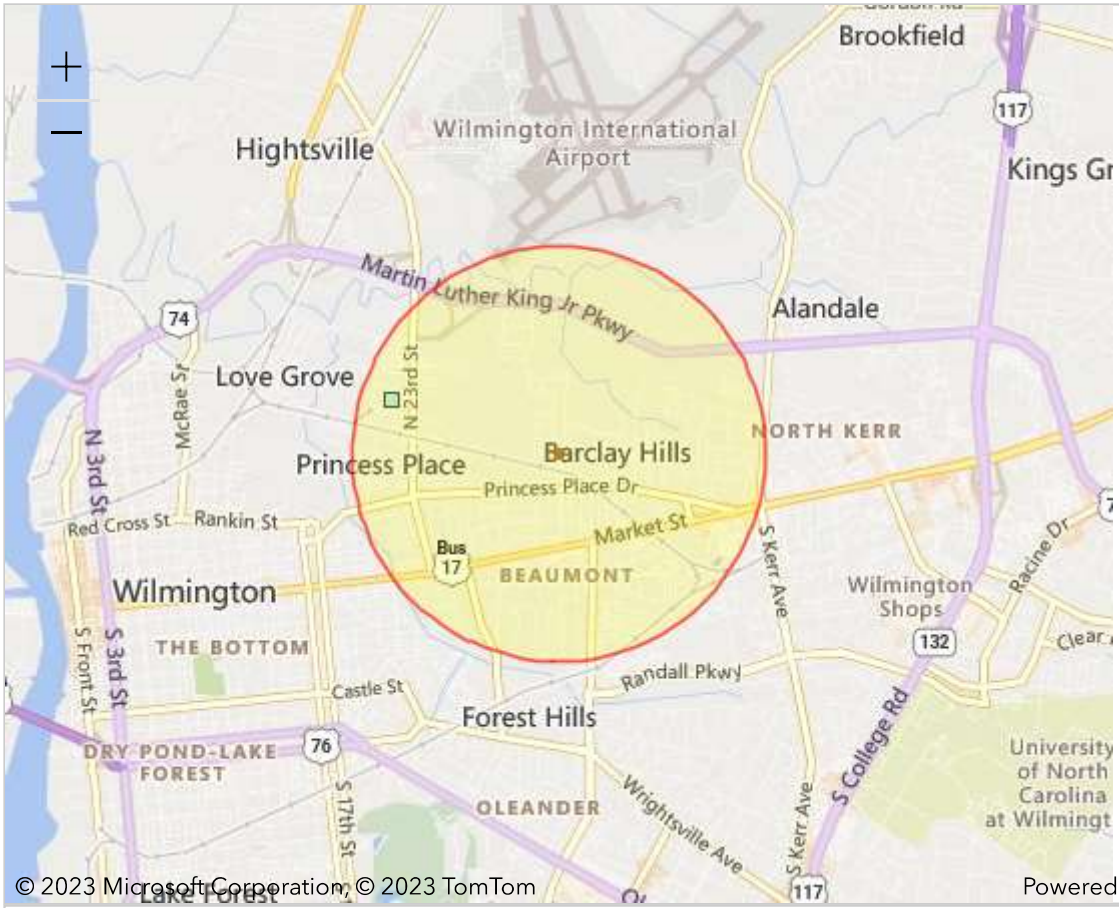

Report question: *Within 1 of a Toxic releases site?* yes

Modify question by entering a new buffer distance and unit for the selected study area:

1 | miles | Submit

Name	Distance
☐ FEDERAL PAPER BOARD CO INC (WILMINGTON,NC) (https://enviro.epa.gov/facts/tri/ef-facilities/#/Facility/28405FDRLP2221J)	0.85 mile

REGISTRY_ID: 110000615273
LATITUDE: 34.250295
LONGITUDE: -77.921794
PGM_SYS_ACRNM: TRIS
PGM_SYS_ID: 28405FDRLP2221J
LOCATION_ADDRESS: 2221 J R KENNEDY DR
CITY_NAME: WILMINGTON
COUNTY_NAME: NEW HANOVER
STATE_CODE: NC
EPA_REGION: Region 4
POSTAL_CODE: 28405-1819
FIPS_CODE: 37129
HUC_CODE:

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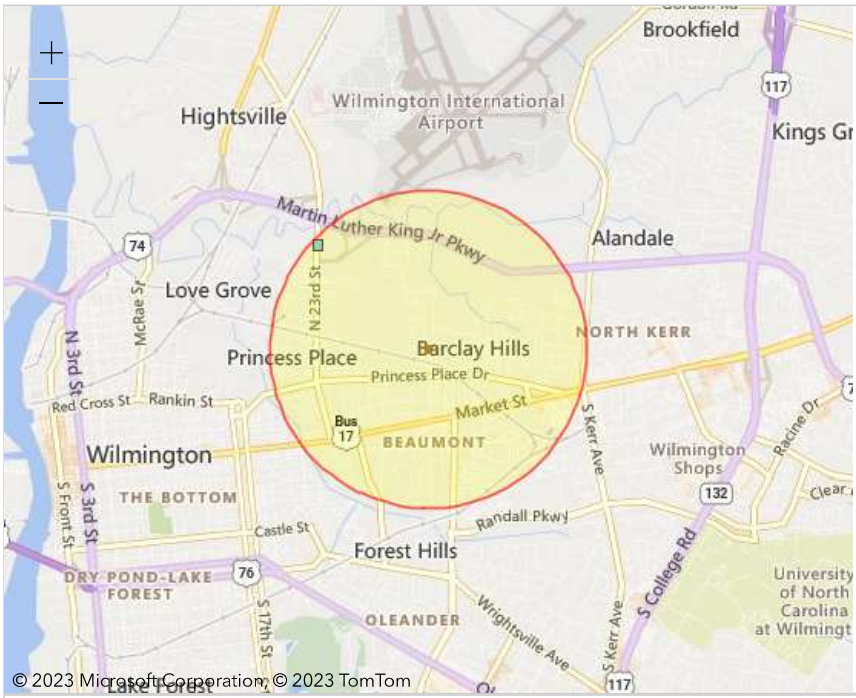

Report question: ***Within 1 of a Water dischargers site?*** **yes**

Modify question by entering a new buffer distance and unit for the selected study area:

1 miles Submit

Name	Distance
☐ UNITED PARCEL SERVICE - N 23RD ST (WILMINGTON,NC) (https://enviro.epa.gov/enviro/ICIS_DETAIL_REPORTS_NPDESID.icis_tst?npvalue=1&npvalue=13&npvalue=14&npvalue=3&npvalue=4&npvalue=5&npvalue=6&rvalue=13&npvalue=2&npvalue=7&npvalue=8&npvalue=11&npvalue=12&npdesid=NCG080381)	0.96 mile

REGISTRY_ID: 110007668960
LATITUDE: 34.25617
LONGITUDE: -77.91983
PGM_SYS_ACRNM: NPDES
PGM_SYS_ID: NCG080381
LOCATION_ADDRESS: 1620 N 23RD ST
CITY_NAME: WILMINGTON
COUNTY_NAME: NEW HANOVER
STATE_CODE: NC
EPA_REGION: Region 4
POSTAL_CODE: 28401
FIPS_CODE: NC129
HUC_CODE:

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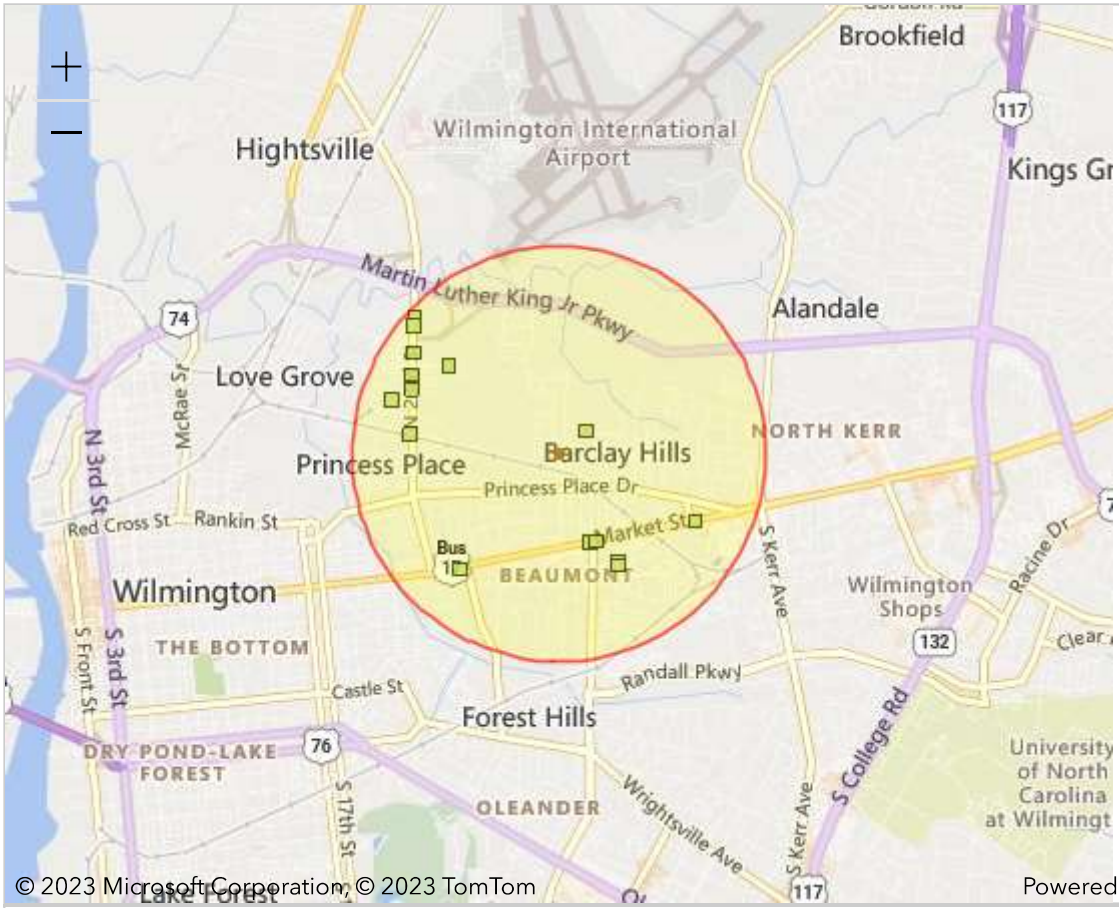

Report question: *Within 1 of a Hazardous waste site?* yes

Modify question by entering a new buffer distance and unit for the selected study area:

1 miles Submit

Name	Distance
ROSE CITY PICTURES INC THE CONJURING (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCD981480148)	0.86 mile
HAMILTON GLASS (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCR000000083)	0.44 mile
UNITED PARCEL SERVICE - WILMINGTON (NCWLK) (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCD986194678)	0.96 mile
CVS PHARMACY #4846 (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCR000152538)	0.45 mile
AAI PHARMA CLINICAL PACKAGING DIV (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCS000001967)	0.94 mile
AAIPHARMA SERVICES (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCD982165995)	0.81 mile
FEDERAL EXPRESS CORP (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCD986173631)	0.78 mile
PARK & ROYAL SPECIALITY CLEANERS (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NC0000124693)	0.58 mile
US ARMY CORPS OF ENGINEERS (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NC9210800000)	0.60 mile

Name	Distance
☐ CITY OF WILMINGTON POLICE DEPARTMENT (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCR000173583)	0.16 mile
☐ EXXON RAS #47262 (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCD986186245)	0.73 mile
☐ ALCAMI CORPORATION (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCR000166736)	0.72 mile
☐ NOVANT HEALTH NEW HANOVER REGIONAL MEDICAL CENTER CRITICAL SUPPORT FACILITY (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCD072022726)	0.85 mile
☐ WES HOWELL VOLVO (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCD986189231)	0.73 mile
☐ ALCAMI CORPORATION (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCR000012195)	0.68 mile

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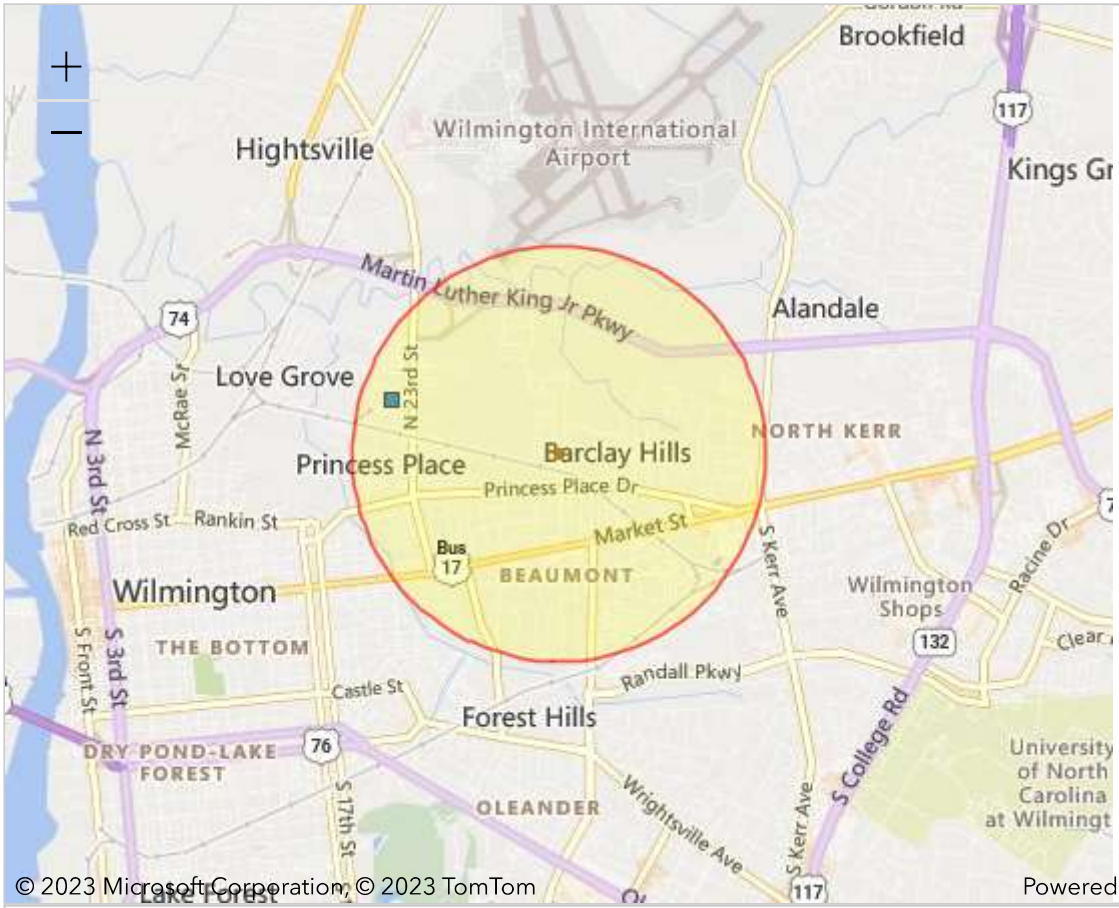


Report question: ***Within 1 of a Air emissions site?*** **yes**

Modify question by entering a new buffer distance and unit for the selected study area:

1 meters Submit

Name	Distance
☐ MEADWESTVACO PACKAGING SYSTEMS, LLC ** INACTIVE ** (WILMINGTON,NC)	0.85 mile

(https://enviro.epa.gov/enviro/airsquery.detail_plt_view?p_id=NC0000003706500236)

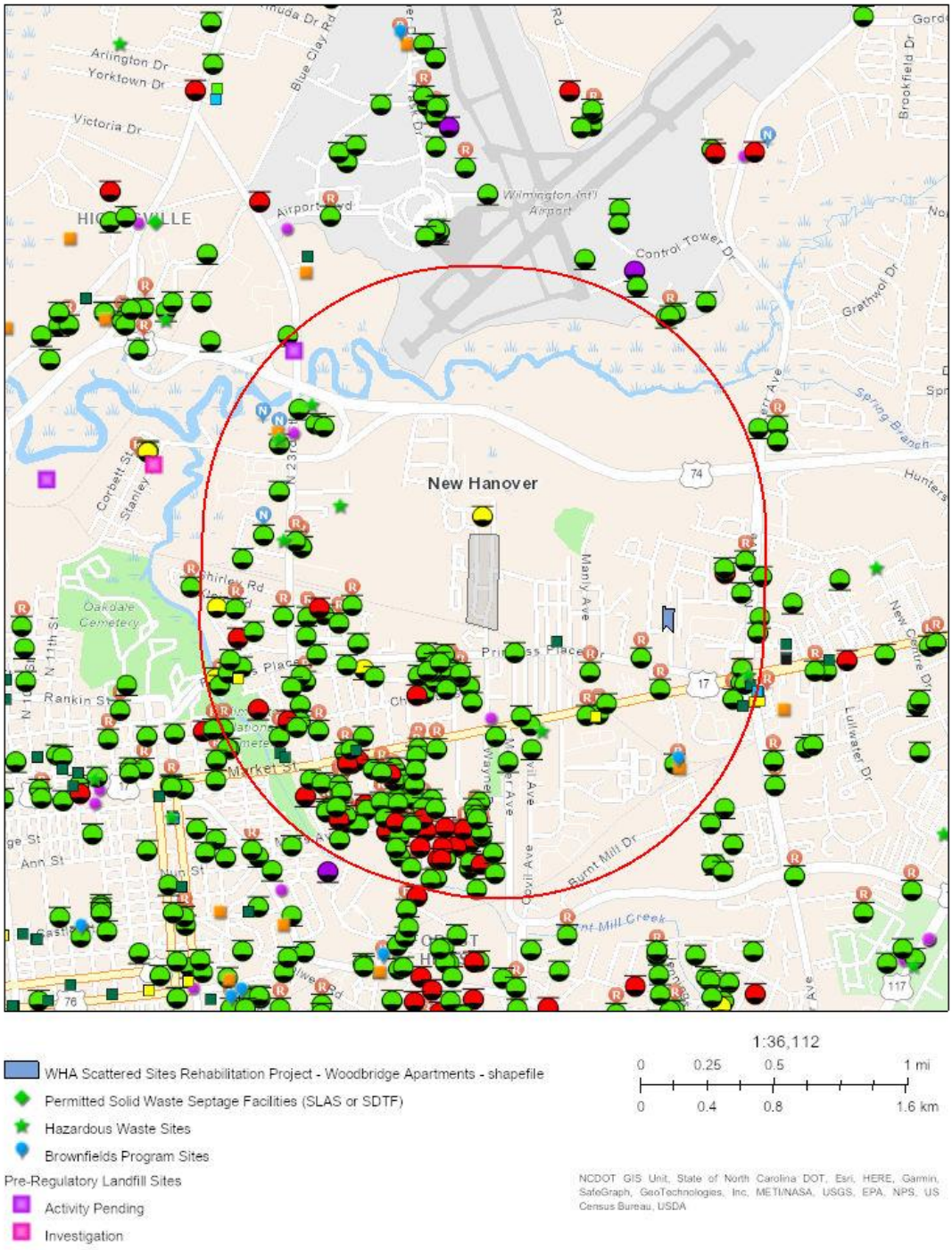
REGISTRY_ID: 110000615273
LATITUDE: 34.250295
LONGITUDE: -77.921794
PGM_SYS_ACRNM: AIR
PGM_SYS_ID: NC0000003706500236
LOCATION_ADDRESS: 2221 J.R. KENNEDY DRIVE
CITY_NAME: WILMINGTON
COUNTY_NAME:
STATE_CODE: NC
EPA_REGION: Region 4
POSTAL_CODE: 28405
FIPS_CODE: NC129
HUC_CODE:

Screening Report - Creekwood/Creekwood South with 1-mile Buffer

Area of Interest (AOI) Information

Area : 114,130,797.07 ft²

May 3 2023 15:03:18 Eastern Daylight Time



Hazardous Waste Sites

#	HANDLER_ID	SITE_NAME	Count
1	NCD072022726	INTERNATIONAL PAPER	1
2	NCR000006817	AAIPHARMA SERVICES CORP	1
3	NCR000012195	AAIPHARMA SERVICES CORP	1
4	NCR000145664	NCDSCA 065-0009 (COASTAL CLEANERS)	1
5	NCR000152538	CVS PHARMACY #4846	1
6	NCR000166736	AAIPHARMA SERVICES CORP	1

Brownfields Program Sites

#	BF_ID	BF_Name	Count
1	1801614065	Wetsig Yachts	1

Inactive Hazardous Sites

#	EPAID	SITENAME	Count
1	NCD986171965	CARO-KNIT	1
2	NONCD0001105	WETSIG YACHTS	1

Pre-Regulatory Landfill Sites

#	EPAID	SITENAME	Count
1	NONCD0000466	Wilmington Landfill	1

DryCleaning Historical Boiler Inspections

#	Drycleaner	InspDate	Count
1	HANOVER CLEANERS	9/16/1977	1
2	MODERN LAUNDRY	11/22/1970	1

DryCleaning City Directories

#	Drycleaner	Address	Count
1	Brinson Cleaners	2020 Princess Place Drive, Wilmington,NC	1
2	Princess Cleaners	2020 Princess Place Drive, Wilmington,NC	1
3	Hometown Laundromat	2105 Market Street, Wilmington,NC	1
4	Hometown Laundromat	2107 Market Street, Wilmington,NC	1
5	Odorless Cleaners	2405 Market, Wilmington,NC	1
6	Seven Day Laundromat	405 Henry Street, Wilmington,NC	1
7	Coin-Op Laundry Mat	4402 Market Street, Wilmington,NC	1
8	North Seventeen Laundry-Mat	4402 Market Street, Wilmington,NC	1
9	One Hour Martinizing	9 South Kerr Avenue, Wilmington,NC	1

UST Incidents

#	IncidentNumber	IncidentName	Count
1	3361	CARTER'S PHARMACY	1
2	3362	PRINCESS PLACE GULF	1
3	3363	GILMORE'S SERVICE CENTER	1
4	3634	SCOTCHMAN # 107	1
5	5795	25TH STREET RESIDENCE	1
6	6018	UNITED PARCEL SERVICE-1	1
7	6859	KENWOOD AVENUE INCIDENT	1
8	6964	CITY OF WILMINGTON-FIRE STATION #3	1
9	9080	THE FURNITURE OUTLET	1
10	11708	MARKET ST. E-Z SERVE	1
11	13893	SATURN OF WILMINGTON	1
12	14624	UNITED PARCEL SERVICE	1
13	15319	GAS CENTER # 3	1
14	15463	JACKSON BEVERAGE COMPANY	1
15	16528	LITTLE, FRED RESIDENCE	1
16	17907	GAS WORLD #1	1
17	17976	WILLIS ESTATE	1
18	18092	TRIANGLE RENT-A-CAR	1
19	18694	CREEKWOOD MINI MART	1
20	20163	CARO-KNIT (FORMER)	1
21	20678	HUGHES PROPERTY	1
22	21122	NEWELL RESIDENCE	1
23	22002	VIRGINIA EDGERTON PROPERTY	1
24	22022	WALLACE, H.C. PROPERTY	1
25	22155	SCOTCHMAN # 107 RELEASE 2	1
26	22913	SCOTCHMAN # 107 RELEASE 3	1
27	23745	SCOTCHMAN # 107 RELEASE 4	1
28	23995	DAVIS, DEAN RESIDENCE	1
29	32010	JACKSON RESIDENCE, JEAN	1
30	32019	RIPPY RESIDENCE, MARIAN	1
31	32020	DOWING RESIDENCE, LON	1
32	32022	GORHAM RESIDENCE, DUMAY	1
33	32039	WETSIG YACHT FACILITY	1
34	32083	KAYO STATION, FORMER	1
35	32094	NICKS RESIDENCE	1
36	32109	SNIPES, (ANNIE H.) ELEMENTARY SCHOOL	1
37	32118	FULK RESIDENCE	1
38	32122	BLOSSOM RESIDENCE	1
39	32130	BRILLHART PROPERTY	1
40	32140	JACOB PROPERTY	1
41	32151	THOMPSON RESIDENCE (SAM & KIM)	1

42	32162	POE RESIDENCE	1
43	32163	POLGAR (SYLVIA) RESIDENCE	1
44	32172	HOYT RESIDENCE (MARK)	1
45	32185	LINN PROPERTY (ORIE)	1
46	32188	WISHON PROPERTY (BILL) - A	1
47	32191	RAPHAEL RESIDENCE (JUSTIN)	1
48	32192	CRANE RESIDENCE (CYNTHIA)	1
49	32194	ALLEN PROPERTY (GREG)	1
50	32202	LUTHER PROPERTY (PAT)	1
51	32207	BLOUNT ELEMENTARY SCHOOL	1
52	32230	PERRY PROPERTY (ALAN)	1
53	32231	GAUSE PROPERTY (ROGER)	1
54	32236	SCHMIDT PROPERTY (JAYCE)	1
55	32240	LASAR PROPERTY (ISAAC)	1
56	32243	BARNES PROPERTY (WATSON)	1
57	32248	PADGETT'S EXXON	1
58	32250	HEMMINGWAY PROPERTY (THELMA)	1
59	32259	THOMPSON PROPERTY (LOUISE)	1
60	32261	SCHWENINGER PROPERTY (LEE)	1
61	32279	SPIVEY PROPERTY (CRAIG)	1
62	32281	MCCLAIN PROPERTY (PAUL)	1
63	32289	ARMSTRONG PROPERTY (COURTNEY)	1
64	32310	SAYRE PROPERTY (JIM)	1
65	32326	PITTS PROPERTY (NED)	1
66	32333	WOODWARD PROPERTY (MARY)	1
67	32354	SANACORE PROPERTY (JOHN)	1
68	32358	BLAKE PROPERTY (DONALD)	1
69	32359	HARDY PROPERTY (REID)	1
70	32365	BURPEAU PROPERTY (MARIE)	1
71	32375	SAFRIT PROPERTY (MICHAEL)	1
72	32376	MATHIS PROPERTY (CARL)	1
73	32386	ENGLISH PROPERTY (ANDREW)	1
74	32389	SMITH PROPERTY (WINFIELD)	1
75	32392	BARNHILL PROPERTY (EUGENE)	1
76	32397	SANDERS PROPERTY (BRADFORD)	1
77	32398	WELLS PROPERTY (CHRISTY)	1
78	32399	UNDERWOOD ESTATE (HARRIET)	1
79	32403	GALLOWAY PROPERTY (HEATHER)	1
80	32412	LAWS PROPERTY (REBECCA)	1
81	32413	FALES ESTATE (LOUISE)	1
82	32416	STANLEY PROPERTY (SARAB)	1
83	32423	COSTIN PROPERTY (NEEDHAM)	1
84	32425	Kristina Edgerton	1

85	32431	NORTH 17 SHOPPING CENTER	1
86	32440	FINCH PROPERTY, ROBERT	1
87	32441	CASHMAN PROPERTY,(DIANE)	1
88	32443	DENNIS PROPERTY, PATSY	1
89	32446	MCEACHERN PROPERTY, TABITHA	1
90	32453	BURKE PORPERTY, ROSEMARY	1
91	32460	OAKLEY PROPERTY, WILLIAM	1
92	32461	FREEMAN, PATRICIA PROPERTY	1
93	32462	FRONEBERGER RESIDENCE, TED	1
94	32470	MATTHEWS RESIDENCE, BETH	1
95	32487	LOUTIT PROPERTY, CHRISTOPHER	1
96	32502	BOWEN RESIDENCE, FRANK	1
97	32507	FOREST HILLS FOOD MART	1
98	32555	CHESTNUT ST-2914	1
99	32576	THOMAS AVE-515	1
100	32626	CHESTNUT ST-1903	1
101	32678	COLONIAL DRIVE-225	1
102	32683	PARKER RESIDENCE	1
103	32693	COLONIAL DRI-425	1
104	32702	MARKET ST, 2802	1
105	32717	RENOVAH CIRCLE-336	1
106	32727	GUILFORD AVE-2519	1
107	32730	BROOKWOOD AVE	1
108	32732	GLASS RESIDENCE	1
109	32787	204 BROOKWOOD AVE	1
110	32789	2324 SHIRLEY RD	1
111	32799	COLONIAL DR-111	1
112	32823	2212 BRANDON RD	1
113	32824	WAYNE DRIVE-522	1
114	32831	RENOVAH CIRCLE-320	1
115	32875	WILLOW STREET- 2802	1
116	32876	SCOTCHMAN # 3321	1
117	32877	SCOTCHMAN #3261	1
118	32886	RENOVAH CIRCLE - 326	1
119	32917	COLONIAL DRIVE-226	1
120	32920	N. 23RD STREET - 122	1
121	32929	W. RENOVAH CIRCLE-309	1
122	32937	COLONIAL DRIVE-301	1
123	32950	N. 21ST STREET-406	1
124	32962	WAYNE DRIVE-328	1
125	32965	WAYNE DR-324	1
126	32970	STRADLEIGH ROAD-317	1
127	32975	FOREST HILLS DR-405	1

128	32982	N. 23RD STREET-527	1
129	32984	KEATON AVE-223	1
130	32985	GUILFORD AVE-2511	1
131	32997	503 CLOVER RD	1
132	43002	WILLOW ST-2809	1
133	43014	29TH ST (N) -302	1
134	43025	CAMPBELL, DORIS	1
135	43060	Chestnut Street - 2701	1
136	43068	Chestnut Street - 2210	1
137	43084	keaton avenue - 112	1
138	43111	Woodruff Property	1
139	43167	Horizon Home Buyers, Inc. Property	1
140	43173	Carson Property	1
141	43176	N. Kerr Ave - 504	1
142	43183	North 26th Street - 305	1
143	43187	North 27th Street - 302	1
144	43201	Chestnut Street -2819	1
145	43218	Keaton Ave - 212	1
146	47047	Kerr Ave - 204 N.	1
147	47277	Colonial Dr - 19	1
148	47296	Belvedere Drive - 2426	1
149	47429	Willow Street - 2713	1
150	47441	Willow Street - 2711	1
151	47625	Brookwood Ave. - 211	1
152	47891	Belvedere Dr - 2311	1
153	47994	Brookwood Ave - 201	1
154	48772	Princess Place Dr - 2808	1
155	48903	Lafam Estates LLC Property	1
156	*No Data*	International Paper	1
157	*No Data*	9 BORDEN AVE	1
158	*No Data*	23rd Street - 1223 North	1
159	*No Data*	ATLANTIC AUTO SERVICE	1

Non-UST Incidents

#	IncidentNumber	IncidentName	Count
1	5731	EAST COAST TRANSPORT COMPANY, INC.	1
2	16269	213 N. 23RD ST. RESIDENCE	1
3	18663	APPLIED ANALYTICAL, INC.	1
4	85744	ELOUSIE ANDREWS RESIDENCE	1
5	86020	WILBERT MITCHELL RESIDENCE	1
6	87169	Bass Residence	1
7	94044	wilmington hyundai	1
8	94375	Kerr Ave - 304 N	1
9	*No Data*	keaton avenue - 112	1

UST Active Facilities

#	FACILID	FACILNAME	Count
1	00-0-0000001436	GAS CENTER 3	1
2	00-0-0000020181	SCOTCHMAN 3107	1
3	00-0-0000020211	UPS WILMINGTON CENTER	1
4	00-0-0000022514	BOSWELL DENTAL LAB	1
5	00-0-0000023297	FOREST HILLS FOOD MART	1

Land Use Restriction and/or Notices

#	Prj_Number	Prj_Name	Count
1	18016-14-065	Wetsig Yachts	1
2	NCD072022726	INTERNATIONAL PAPER	1
3	NCD986171965	Caro-Knit	2
4	WI-1008	THE FURNITURE OUTLET	1
5	WI-1315	GAS CENTER # 3	1
6	WI-1511	GAS WORLD #1	1
7	WI-1517	WILLIS ESTATE	1
8	WI-1783	NEWELL RESIDENCE	1
9	WI-1870	SCOTCHMAN # 107 RELEASE 2	1
10	WI-1984	SCOTCHMAN # 107 RELEASE 3	1
11	WI-2123	SCOTCHMAN # 107 RELEASE 4	1
12	WI-2269	GORHAM RESIDENCE, DUMAY	1
13	WI-2343	KAYO STATION, FORMER	1
14	WI-2366	SNIPES, (ANNIE H.) ELEMENTARY SCHOOL	1
15	WI-2378	FULK RESIDENCE	1
16	WI-2393	BRILLHART PROPERTY	1
17	WI-2417	THOMPSON RESIDENCE (SAM & KIM)	1
18	WI-2439	HOYT RESIDENCE (MARK)	1
19	WI-305	NORTH 17 SHOPPING CENTER	1
20	WI-7034	RAPHAEL RESIDENCE (JUSTIN)	1
21	WI-7037	WISHON PROPERTY (BILL) - A	1
22	WI-7044	BLOUNT ELEMENTARY SCHOOL	1
23	WI-7091	BARNES PROPERTY (WATSON)	1
24	WI-7092	LASAR PROPERTY (ISAAC)	1
25	WI-7104	PADGETT'S EXXON	1
26	WI-7129	THOMPSON PROPERTY (LOUISE)	1
27	WI-7159	ARMSTRONG PROPERTY (COURTNEY)	1
28	WI-7196	PITTS PROPERTY (NED)	1
29	WI-7203	WOODWARD PROPERTY (MARY)	1
30	WI-7227	SANACORE PROPERTY (JOHN)	1
31	WI-7246	MATHIS PROPERTY (CARL)	1
32	WI-7272	UNDERWOOD ESTATE (HARRIET)	1
33	WI-7296	COSTIN PROPERTY (NEEDHAM)	1
34	WI-7322	MCEACHERN PROPERTY, TABITHA	1
35	WI-7326	MATTHEWS RESIDENCE, BETH	1
36	WI-7334	BURKE PORPERTY, ROSEMARY	1
37	WI-7339	OAKLEY PROPERTY, WILLIAM	1
38	WI-7340	FREEMAN, PATRICIA PROPERTY	1
39	WI-7341	FRONEBERGER RESIDENCE, TED	1
40	WI-7379	BOWEN RESIDENCE, FRANK	1
41	WI-7443	CHESTNUT ST-2914	1

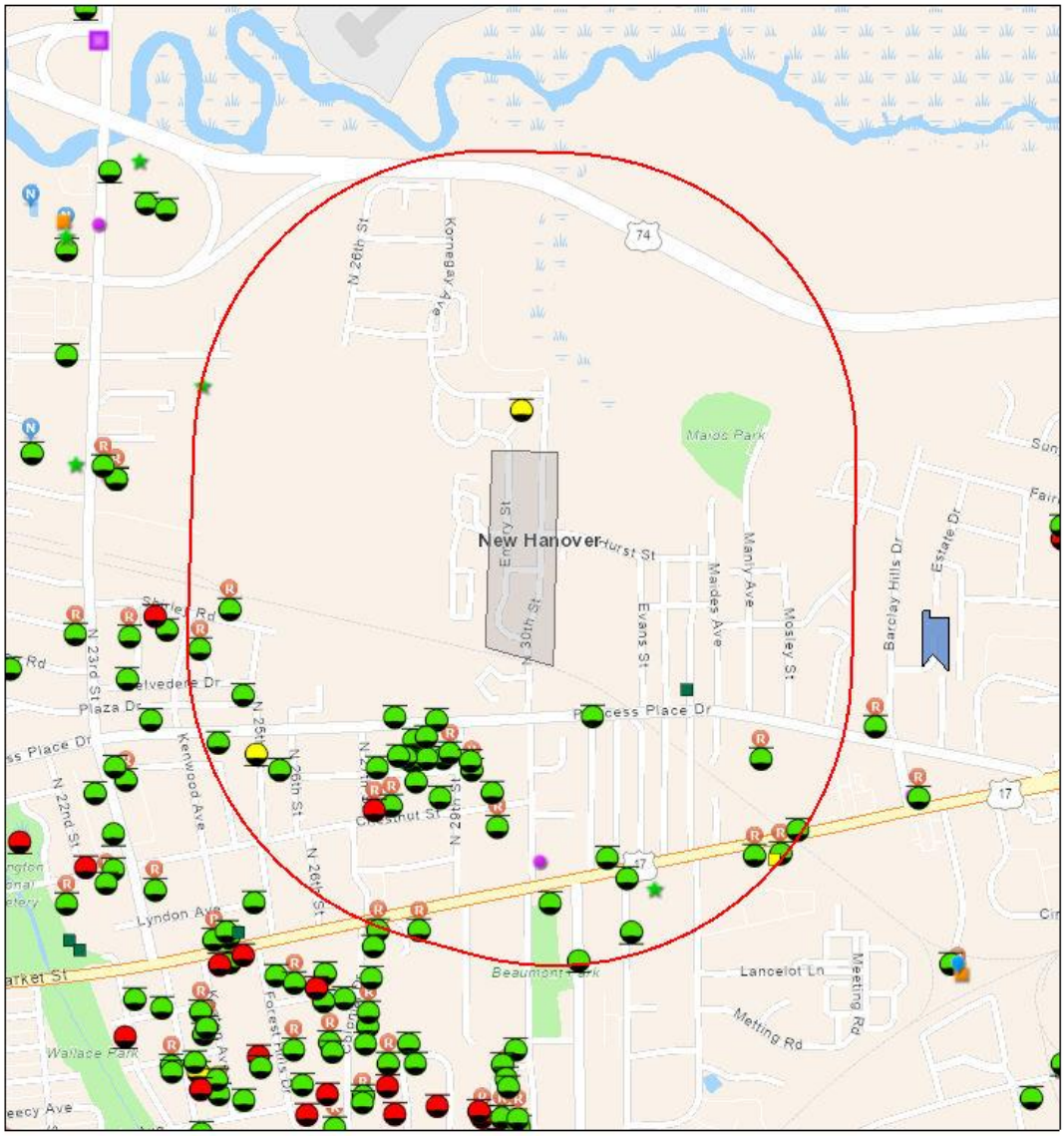
42	WI-7469	THOMAS AVE-515	1
43	WI-750	PRINCESS PLACE GULF	1
44	WI-7520	CHESTNUT ST-1903	1
45	WI-7582	PARKER RESIDENCE	1
46	WI-7596	COLONIAL DRI-425	1
47	WI-7606	MARKET ST, 2802	1
48	WI-7638	GLASS RESIDENCE	1
49	WI-7709	COLONIAL DR-111	1
50	WI-7737	WAYNE DRIVE-522	1
51	WI-776	SCOTCHMAN # 107	1
52	WI-7797	WILLOW STREET- 2802	1
53	WI-7802	SCOTCHMAN#3261	1
54	WI-7818	RENOVAH CIRCLE - 326	1
55	WI-7852	N. 23RD STREET - 122	1
56	WI-7873	COLONIAL DRIVE-301	1
57	WI-7909	WAYNE DRIVE-328	1
58	WI-7911	WAYNE DR-324	1
59	WI-7932	N. 23RD STREET-527	1
60	WI-7939	GUILFORD AVE-2511	1
61	WI-7954	WILLOW ST-2809	1
62	WI-7966	29TH ST (N) -302	1
63	WI-8028	Chestnut Street - 2701	1
64	WI-8034	Chestnut Street - 2210	1
65	WI-8053	keaton avenue - 112	1
66	WI-932	CITY OF WILMINGTON-FIRE STATION #3	1

Screening Report - Creekwood/Creekwood South 0.5-mile Buffer

Area of Interest (AOI) Information

Area : 35,712,630.54 ft²

May 3 2023 15:05:40 Eastern Daylight Time



Hazardous Waste Sites

#	HANDLER_ID	SITE_NAME	Count
1	NCR000012195	AAIPHARMA SERVICES CORP	1
2	NCR000152538	CVS PHARMACY #4846	1

DryCleaning Historical Boiler Inspections

#	Drycleaner	InspDate	Count
1	HANOVER CLEANERS	9/16/1977	1

DryCleaning City Directories

#	Drycleaner	Address	Count
1	Seven Day Laundromat	405 Henry Street, Wilmington,NC	1

UST Incidents

#	IncidentNumber	IncidentName	Count
1	9080	THE FURNITURE OUTLET	1
2	11708	MARKET ST. E-Z SERVE	1
3	13893	SATURN OF WILMINGTON	1
4	18092	TRIANGLE RENT-A-CAR	1
5	18694	CREEKWOOD MINI MART	1
6	22002	VIRGINIA EDGERTON PROPERTY	1
7	22022	WALLACE, H.C. PROPERTY	1
8	32010	JACKSON RESIDENCE, JEAN	1
9	32083	KAYO STATION, FORMER	1
10	32140	JACOB PROPERTY	1
11	32162	POE RESIDENCE	1
12	32207	BLOUNT ELEMENTARY SCHOOL	1
13	32250	HEMMINGWAY PROPERTY (THELMA)	1
14	32289	ARMSTRONG PROPERTY (COURTNEY)	1
15	32326	PITTS PROPERTY (NED)	1
16	32399	UNDERWOOD ESTATE (HARRIET)	1
17	32443	DENNIS PROPERTY, PATSY	1
18	32502	BOWEN RESIDENCE, FRANK	1
19	32555	CHESTNUT ST-2914	1
20	32683	PARKER RESIDENCE	1
21	32702	MARKET ST, 2802	1
22	32875	WILLOW STREET- 2802	1
23	43002	WILLOW ST-2809	1
24	43014	29TH ST (N) -302	1
25	43025	CAMPBELL, DORIS	1
26	43060	Chestnut Street - 2701	1
27	43167	Horizon Home Buyers, Inc. Property	1
28	43183	North 26th Street - 305	1
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30	43201	Chestnut Street -2819	1
31	47296	Belvedere Drive - 2426	1
32	47429	Willow Street - 2713	1
33	47441	Willow Street - 2711	1
34	48772	Princess Place Dr - 2808	1

Non-UST Incidents

#	IncidentNumber	IncidentName	Count
1	85744	ELOUSIE ANDREWS RESIDENCE	1
2	86020	WILBERT MITCHELL RESIDENCE	1
3	94044	wilmington hyundai	1

UST Active Facilities

#	FACILID	FACILNAME	Count
1	00-0-0000022514	BOSWELL DENTAL LAB	1

Land Use Restriction and/or Notices

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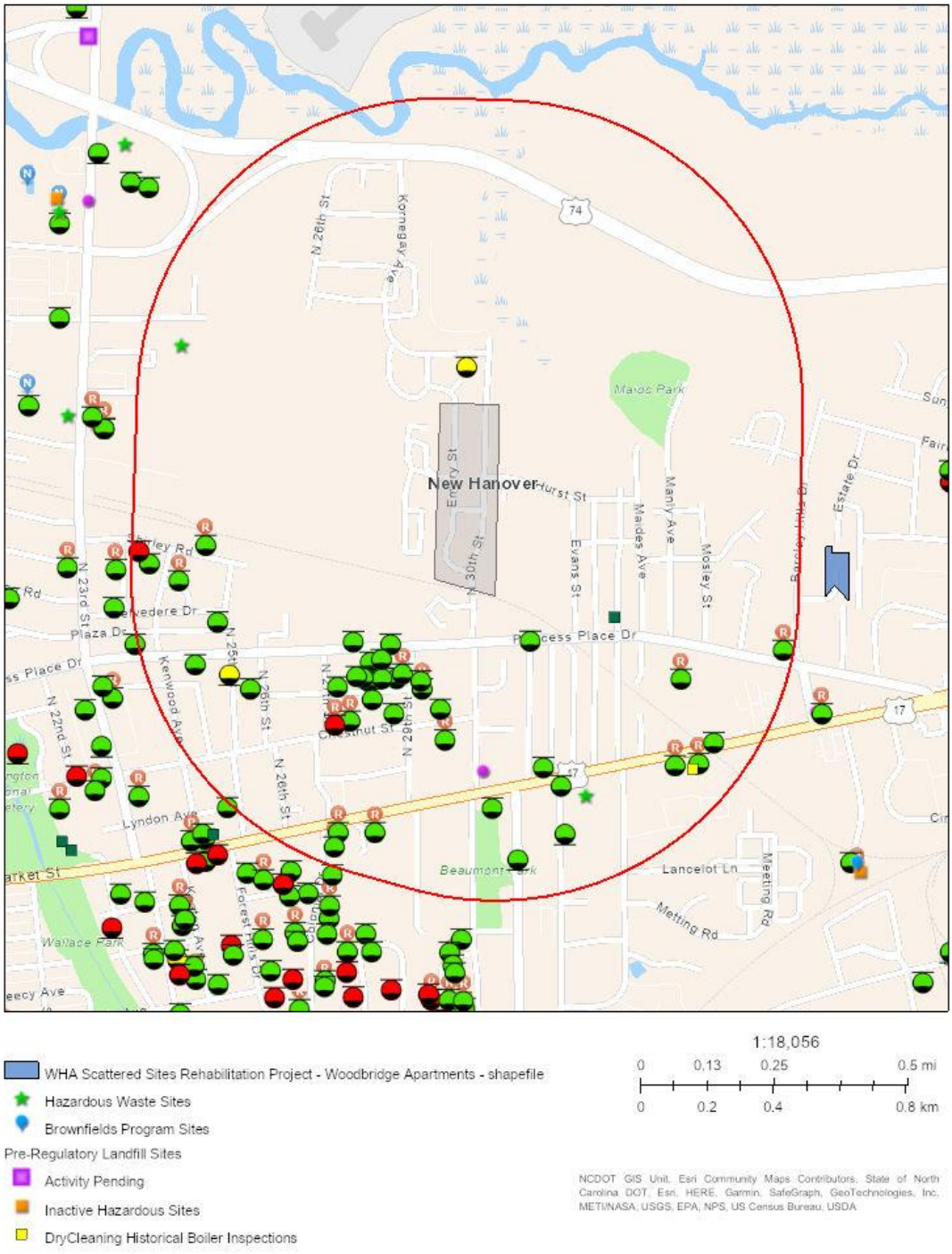
1	WI-1008	THE FURNITURE OUTLET	1
2	WI-2343	KAYO STATION, FORMER	1
3	WI-7044	BLOUNT ELEMENTARY SCHOOL	1
4	WI-7159	ARMSTRONG PROPERTY (COURTNEY)	1
5	WI-7196	PITTS PROPERTY (NED)	1
6	WI-7272	UNDERWOOD ESTATE (HARRIET)	1
7	WI-7379	BOWEN RESIDENCE, FRANK	1
8	WI-7443	CHESTNUT ST-2914	1
9	WI-7582	PARKER RESIDENCE	1
10	WI-7606	MARKET ST, 2802	1
11	WI-7797	WILLOW STREET- 2802	1
12	WI-7954	WILLOW ST-2809	1
13	WI-7966	29TH ST (N) -302	1
14	WI-8028	Chestnut Street - 2701	1

Screening Report - Creekwood/Creekwood South w/ 3,000-ft Buffer

Area of Interest (AOI) Information

Area : 43,831,285.77 ft²

May 3 2023 15:10:07 Eastern Daylight Time



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14	32202	LUTHER PROPERTY (PAT)	1
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16	32250	HEMMINGWAY PROPERTY (THELMA)	1
17	32289	ARMSTRONG PROPERTY (COURTNEY)	1
18	32326	PITTS PROPERTY (NED)	1
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20	32443	DENNIS PROPERTY, PATSY	1
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23	32555	CHESTNUT ST-2914	1
24	32683	PARKER RESIDENCE	1
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27	32875	WILLOW STREET- 2802	1
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Land Use Restriction and/or Notices

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4	WI-7044	BLOUNT ELEMENTARY SCHOOL	1
5	WI-7159	ARMSTRONG PROPERTY (COURTNEY)	1
6	WI-7196	PITTS PROPERTY (NED)	1
7	WI-7272	UNDERWOOD ESTATE (HARRIET)	1
8	WI-7341	FRONEBERGER RESIDENCE, TED	1
9	WI-7379	BOWEN RESIDENCE, FRANK	1
10	WI-7443	CHESTNUT ST-2914	1
11	WI-7582	PARKER RESIDENCE	1
12	WI-7606	MARKET ST, 2802	1
13	WI-7797	WILLOW STREET- 2802	1
14	WI-7954	WILLOW ST-2809	1
15	WI-7966	29TH ST (N) -302	1
16	WI-8028	Chestnut Street - 2701	1
17	WI-932	CITY OF WILMINGTON-FIRE STATION #3	1

Creekwood and Creekwood South

PHASE I ENVIRONMENTAL SITE ASSESSMENT



WILMINGTON HOUSING AUTHORITY - CREEKWOOD SOUTH

714 EMORY STREET
WILMINGTON, NORTH CAROLINA 28405

ECS PROJECT NO. 49:20024

FOR: WILMINGTON HOUSING AUTHORITY

APRIL 18, 2023

April 18, 2023

Chauntrell Burns
Wilmington Housing Authority
1524 S. 16th Street
Wilmington, North Carolina 28401

ECS Project No. 49: 20024

Reference: Phase I Environmental Site Assessment Report, Wilmington Housing Authority - Creekwood South, 714 Emory Street, Wilmington, New Hanover County, North Carolina 28405

Dear Ms. Burns:

ECS Southeast, LLP (ECS) is pleased to provide you with the results of our Phase I Environmental Site Assessment (ESA) for the referenced site. ECS's services were provided in general accordance with ECS Proposal No. 49:36219P authorized on April 4, 2023 and generally meet the requirements of ASTM E1527-21, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, which ECS believes to be in accordance with EPA Standards and Practices for All Appropriate Inquiries contained in 40 CFR Part 312.

If there are questions regarding this report, or a need for further information, please contact the undersigned.

Sincerely,

ECS Southeast, LLP





Shannon L. Priester, REM
Environmental Project Manager
spriester@ecslimited.com
919-861-9910

Lori Parker, CEM, CPESC
Environmental Principal
lparker@ecslimited.com
615-885-4983

Project Summary

Wilmington Housing Authority - Creekwood South
714 Emory Street
Wilmington, North Carolina 28405

Report Section		No Further Action	REC	CREC	HREC	BER	Comment
4.0	User Provided Information	✔					
5.1	Federal ASTM Databases	✔					
5.2	State ASTM Databases	✔					
5.3	Additional Environmental Record Sources	✔					
6.0	Historical Use Information	✔					
7.0	Site and Area Reconnaissance	✔					
8.0	Additional Services					✔	ECS considers the potential for lead-based paint and/or asbestos containing materials to represent a Business Environmental Risk (BER).
9.0	Interviews	✔					

ENVIRONMENTAL PROFESSIONAL STATEMENT

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



Shannon L. Priester, REM
Environmental Project Manager
April 18, 2023



Lori Parker, CEM, CPESC
Environmental Principal
April 18, 2023

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1.0 EXECUTIVE SUMMARY

ECS Southeast, LLP (ECS) was contracted by Wilmington Housing Authority to perform an ASTM E1527-21, Phase I Environmental Site Assessment (ESA) of the Wilmington Housing Authority - Creekwood South property located at 714 Emory Street in Wilmington, New Hanover County, North Carolina (i.e. subject property). This Executive Summary is an integral part of the Phase I ESA report. ECS recommends that the report be read in its entirety.

The subject property is identified by the New Hanover County Geographical Information Services (GIS) database as 75 individual parcels owned by Wilminton Housing Authority. The approximate 26-acre subject property is developed with a multifamily residential development named Creekwood South reportedly constructed in 1971. The subject property consists of single-story flats, two-story apartments, a community center, associated parking areas, and grassed areas. According to the Mr. John Batey, property manager, approximately 70% of the units are occupied. The remaining units are either being remodeled, or have been gutted for future remodeling. Each unit consists of a common area, a kitchen, bedrooms, restrooms, and storage/utility closets. A community center structure is located on the southern portion and consists of an office area, a classroom, a kitchen, and storage closets. Pole-mounted transformers were observed on throughout the subject property. Non-PCB indicators were observed on each transformer. Storm drains were observed on the northern, central, eastern, western, and southern portions. Each tenant unit is serviced by an electrical HVAC system. The subject property is serviced by Cape Fear Public Utility Authority for water and sewer services, and Duke Energy for electricity.

The subject property is located in a primarily residential area of Wilmington, North Carolina. Based on our review of site topography and conditions observed during the site reconnaissance, it is our opinion that properties to the south are presumed to be hydrogeologically up-gradient of the subject property. The adjoining properties to the north of the subject property consist of single-family residences; Haynes/Lancewell Police and Fire Training Facility to the east; railroad tracks, beyond which is Ebenezer Missionary Baptist Church to the south; and multifamily residences to the west. ECS did not identify environmental issues associated with current occupants or activities at adjoining or nearby properties that are believed to present a recognized environmental condition (REC) at the subject property.

Based on the records search, site reconnaissance and interviews, it appears that the subject property consisted of residential, agricultural, and undeveloped, wooded land from at least 191915 until at least 1964. The existing residential housing complex was constructed in 1971. North 30th Street and Emory Street have been present on the property since at least 1975. The property has remained relatively unchanged since this time. Historical records prior to 1915 were not reasonably ascertainable for the subject property.

Portions of the subject property were historically and currently used as agricultural land. Such use of the subject property may have included the storage and use of beneficial agricultural products such as fungicides, herbicides, and/or fertilizers. The legal use (i.e., in accordance with the manufacturers' specifications and customary practices) of such substances, in the course of standard operational practices does not constitute a “release to the environment.” Further, reasonably ascertainable information was not observed during the course of our assessment, including historical records

review, or field reconnaissance observations regarding past site history, that a past release of such substances had occurred. Therefore, the mere presence of this historical land use does not meet the definition of a REC.

Historical aerial photographs depict apparent residential structures on the subject property that were not located on the subject property during our site reconnaissance. ECS does not have technical evidence how these structures were heated, or if the structures utilized septic tanks or water supply wells. Based on the age, it is possible that the structures were heated with oil stored in underground storage tanks (USTs). ECS did not observe evidence of USTs, septic tanks, or water supply wells during our site reconnaissance. While not considered a REC, if encountered during site development, USTs, septic systems, and water supply wells should be closed in accordance with applicable laws.

Our review of historical information for adjoining or nearby properties identified the area as originally occupied by agricultural and undeveloped, wooded land with railroad tracks to the south. Residential structures have been present to the south since at least 1915. Residential development began to the north by at least 1975 and to the west by at least 2018. The church to the south has been present since at least 1983. Hurst Street has been present to the east since at least 1983. A commercial building has been present to the east since at least 2020. The area has remained relatively unchanged since 2020.

A regulatory database search report was provided by Environmental Risk Information Services (ERIS). The database search involves researching a series of Federal, State, Local, and other databases for facilities and properties that are located within specified minimum search distances from the subject property. The report identified the **subject property** on the SPILLS database associated with two sanitary sewer outfall releases. ECS does not consider sanitary sewer releases to represent RECs. The ERIS report identified several off-site properties within the minimum ASTM search distances. Based on our review of reasonably ascertainable public records, ECS does not consider the listings to be potential sources of soil, groundwater, or vapor impact to the subject property. Therefore, ECS does not believe that the off-site listings would have issues that result in RECs for the subject property.

ASTM E1527-21 defines a "*data gap*" as: "a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information." A *"significant data gap"* is "a data gap that affects the ability of the environmental professional to identify a recognized environmental condition." Significant data gaps that would be expected to impact our ability to render a professional opinion concerning the subject property were not identified.

We have performed a Phase I Environmental Site Assessment in general conformance with the scope and limitations of ASTM E1527-21 of the Wilmington Housing Authority - Creekwood South property located at 714 Emory Street in Wilmington, New Hanover County, North Carolina, the subject property. Any exceptions to, or deletions from, this practice are described in Section 2.6 of this report. This assessment has revealed no evidence of recognized environmental conditions, controlled recognized environmental conditions, or significant data gaps in connection with the property.

The following Business Environmental Risks (BERs) and/or additional considerations were identified:

- ECS considers the potential for lead-based paint or asbestos containing materials to represent a BER.

1.1 Recommendations

It is the opinion of ECS Southeast, LLP that additional environmental assessment of the subject property is not warranted at this time.

Table of Critical Dates

Item	Date
Report Issuance Date & Declaration by Environmental Professional	April 18, 2023
Date of Interview with Past and Present Owners and Occupants	April 11, 2023
Date of Recorded Environmental Cleanup Lien Search	Not provided
Date of Government Record Review Report	April 5, 2023
Date of Visual Inspection of Subject and Adjoining Properties	April 11, 2023
Earliest Date of Interviews, Lien Search, Record Reviews, and Inspections	April 5, 2023
Report Viability Date	October 2, 2023

According to ASTM E1527-21: "...an environmental site assessment meeting or exceeding this practice is presumed to be viable when it is conducted within 180 days prior to the date of acquisition of the subject property (or, for transactions not involving an acquisition such as a lease or refinance, the date of the intended transaction). The dates of the components presented in 4.6.2(i), (iii), (iv), and (v) for interviews, review of government records, visual inspections, and declaration by environmental professional, shall be identified in the report. Completion of searches for recorded environmental cleanup liens (4.6.2(ii)) is a user responsibility; however, if the user has engaged the environmental professional to conduct these searches, then that date shall also be identified in the report." The 180-day viability period begins with the date of the earliest referenced resource noted above.

ECS was neither contracted to obtain information on environmental liens or activity and use limitations, nor have we been provided with information on environmental liens or activity and use limitations for our review. It should be noted by the User of this report that if the User does not obtain activity and use limitation information, the User that is seeking to qualify for an innocent landowner, a contiguous property owner, or a bona fide prospective purchaser liability defense may lose these rights to qualify under CERCLA.

2.0 INTRODUCTION

2.1 Purpose and Reason for Performing Phase I ESA

The purpose of the ESA was to:

- evaluate the probability of impact to the surface water, groundwater and/or soils within the property boundaries through a review of regulatory information and a reconnaissance of the subject property and vicinity;
- evaluate historical land usage to identify previous conditions that could potentially impact the environmental condition of the subject property;
- conduct all appropriate inquiry as defined by ASTM E1527-21 and 40 CFR Part 312;
- evaluate the potential for on-site and off-site contamination; and,
- provide a professional opinion regarding the potential for environmental impact at the site and a list of Recognized Environmental Conditions (RECs).

The ESA should allow the Users the opportunity to qualify for landowner liability protection under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) provided certain stipulations are met. The landowner liability protections are: an innocent landowner, a contiguous property owner, or a bona fide prospective purchaser. The User must meet the protection stipulations detailed in CERCLA to qualify as well as meet the User Obligations contained within the ASTM E1527-21 standard.

The reason for conducting this ESA is to perform all appropriate inquiries into the uses and prior ownership of the subject property as due diligence for a federal CDBG-DR fund grant to rehabilitate the property.

2.2 Scope of Services

The environmental assessment was conducted in general accordance with ASTM E1527-21, which is in accordance with EPA Standards and Practices for All Appropriate Inquiry (40 CFR §312.10). The environmental assessment was conducted under the supervision or responsible charge of an individual that qualifies as an environmental professional, as defined in 40 CFR §312.10.

ECS was contracted by Wilmington Housing Authority to perform an ASTM E1527-21, Phase I Environmental Site Assessment (ESA) of the Wilmington Housing Authority - Creekwood South property located at 714 Emory Street in Wilmington, New Hanover County, North Carolina. ECS was contracted to provide services in addition to the ASTM Standard scope of service. This additional information is presented in Section 8.0 of this report.

2.3 Definitions

ASTM E1527-21 defines a "*recognized environmental condition (REC)*" as "(1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that

pose a material threat of a future release to the environment." For the purposes of this definition, "likely" is that which is neither certain nor proved, but can be expected or believed by a reasonable observer based on the logic and/or experience of the environmental professional, and/or available evidence, as stated in the report to support the opinions given therein.

ASTM E1527-21 defines a "*historical recognized environmental condition (HREC)*" as "a previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls (for example, activity and use limitations or other property use limitations). A historical recognized environmental condition is not a recognized environmental condition."

ASTM E1527-21 defines a "*controlled recognized environmental condition (CREC)*" as "recognized environmental condition affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (for example, activity and use limitations or other property use limitations)."

ASTM E1527-21 defines a "*business environmental risk (BER)*" as "a risk that can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of commercial real estate, not necessarily related to those environmental issues required to be investigated in this practice." This assessment does not include ASTM Non-Scope items or identify business environmental risks unless specifically requested by the Client, and included in Section 8.0 of this report.

ASTM E1527-21 defines a "*de minimis condition" as "a* condition related to a release that generally does 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. A condition determined to be a *de minimis* condition is not a recognized environmental condition nor a controlled recognized environmental condition."

2.4 Limitations

The ESA involved a reconnaissance of the subject property and contiguous properties and a review of regulatory and historical information in general accordance with the ASTM standard and EPA regulation referenced herein. No non-scope considerations or additional issues such as asbestos, radon, wetlands or mold were investigated, unless otherwise described in Section 8.0 of this report.

Note: Although potential vapor migration was considered as part of this ASTM E1527-21 Phase I ESA, the Phase I ESA was not intended to fully meet the requirements of the Vapor Encroachment Screen per the ASTM E2600 guide, which is beyond the scope of an ASTM E1527-21 Phase I ESA.

The conclusions and/or recommendations presented within this report are based upon a level of investigation consistent with the standard of care and skill exercised by members of the same profession currently practicing in the same locality under similar conditions. The intent of this assessment is to identify the potential for recognized environmental conditions in connection with

the subject property; however, no environmental site assessment can completely eliminate uncertainty regarding the potential for recognized environmental conditions in connection with the subject property. The findings of this ESA are not intended to serve as an audit for health and safety compliance issues pertaining to improvements or activities at the subject property. ECS is not liable for the discovery or elimination of hazards that may potentially cause damage, accidents or injury.

Observations, conclusions and/or recommendations pertaining to environmental conditions at the subject property are necessarily limited to conditions observed, and or materials reviewed at the time this study was undertaken. It was not the purpose of this study to determine the actual presence, degree or extent of contamination, if any, at this subject property. This could require additional exploratory work, including sampling and laboratory analysis. No warranty, expressed or implied, is made with regard to the conclusions and/or recommendations presented within this report.

This report is provided for the exclusive use of Wilmington Housing Authority. This report is not intended to be used or relied upon in connection with other projects or by other unidentified third parties. The use of this report by any undesignated third party or parties will be at such party's sole risk and ECS disclaims liability for any such third party use or reliance. The use of this report is subject to the same terms, conditions and scope of work reflected in this report and the associated proposal.

2.5 Data Gaps

ASTM E1527-21 defines a "*data gap*" as: "a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information." A *"significant data gap"* is "a data gap that affects the ability of the environmental professional to identify a recognized environmental condition."

Use of the subject property was generally documented back to 1915. Historical use of the subject property prior to 1915 could not be discerned based on reasonably ascertainable records reviewed. The ASTM E1527-21 standard requires review of reasonably ascertainable historical resources to develop a history of previous uses of the subject property, adjoining properties, and surrounding area from 1940 or first developed use, at intervals not to exceed five years. Review of reasonably ascertainable historical sources for this assessment has identified gaps in the historical record that exceeded five years during which the use of the subject property could not be discerned, which is considered a data failure per ASTM E1527-21. However, based on the historical use as residential, agricultural, and wooded land and the other information obtained, this data failure would not be expected to alter the findings of this ESA, and is not considered to be a significant data gap.

2.6 Limiting Conditions/Deviations

ASTM E1527-21 requires that the Environmental Professional identify limiting conditions, deletions, and deviations from the ASTM E1527-21 standard, if any, including client-imposed constraints. The following limiting conditions and/or deviations were encountered during the performance of this Phase I ESA:

ECS entered a representative number of units within the complex and cannot attest to environmental conditions within areas that were not directly observed.

3.0 SUBJECT PROPERTY DESCRIPTION

3.1 Subject Property Location and Legal Description

Site Name	Wilmington Housing Authority - Creekwood South
Property Address	714 Emory Street
Property City, State	Wilmington, North Carolina
Property County	New Hanover County
Number of Parcels	75
Property ID Number(s)	Multiple
Property Size	26 Acres
Property Owner of Record	Wilminton Housing Authority
Property Legal Description	Not provided

3.2 Physical Setting and Hydrogeology

USGS Topographic Map	
Quad Designation	Wilmington, North Carolina
Date	2019
Subject Property Settings	
Geologic Province	Coastal Plains
Average Subject Property Elevation (in feet or meters)	Ranging from approximately 20 feet to 25 feet above mean sea level
General Sloping Direction	Northeast
Bodies of Water	None
Presumed Direction of Groundwater Flow	Northeast
Up-gradient Property Direction	South

Nearby Properties' Setting	
General Sloping Direction	Northeast and northwest
Bodies of Water	Unnamed tributary to the west
General Directions of Surface Flow	Northeast and northwest
Presumed Direction of Groundwater Flow	Groundwater flow is expected to flow consistent to surface flow

Regional influences such as impermeable soils may have an impact on groundwater flow. The actual groundwater flow direction cannot be determined without site-specific information obtained through the gauging of groundwater monitoring wells.

Regional groundwater flow in the immediate vicinity of the site is generally to the northeast and northwest. Properties to the south are presumed to be “hydrogeologically upgradient” and properties to the northeast and northwest are presumed to be “hydrogeologically downgradient” in relation to the subject property. The topographic and hydrogeologic term “crossgradient” is used for properties that are neither upgradient nor downgradient, but generally on a line from the subject property perpendicular to the presumed direction of groundwater flow. Other properties not in the same drainage watershed are presumed to be “disconnected” from the groundwater in the immediate vicinity of the subject property.

3.3 Current Use and Description of the Site

The subject property consists of an approximately 26-acre parcel of land that is currently utilized as a multifamily residential complex identified as Creekwood South. The subject property is improved with 80 townhome buildings containing 198 townhome units. The subject property is located in an area that can generally be described as residential.

4.0 USER PROVIDED INFORMATION

The ASTM standard includes disclosure and obligations of the User to help the Environmental Professional identify the potential for Recognized Environmental Conditions associated with the subject property. The ASTM E1527-21 User Questionnaire was submitted to and completed by Mr. John Batey, representing Wilmington Housing Authority (User of the report). Section 4.0 is based on the completed User Questionnaire. A copy of the completed User Questionnaire is included in Appendix II.

4.1 Title Information

ECS was not provided with title information by the User. If this information is provided following the issuance of this report and information contained therein materially changes the outcome of this report, ECS will issue an addendum to this report.

4.2 Environmental Liens or Activity and Use Limitations

ECS was neither contracted to obtain information on environmental liens or activity and use limitations, nor have we been provided with information on environmental liens or activity and use limitations for our review. It should be noted by the User of this report that if the User does not obtain activity and use limitation information, the User that is seeking to qualify for an innocent landowner, a contiguous property owner, or a bona fide prospective purchaser liability defense may lose these rights to qualify under CERCLA. If the activity use information is provided following issuance of this report and information contained therein materially changes the outcome of this report, ECS will issue an addendum to this report.

4.3 Specialized Knowledge

The User indicated that they did not possess specialized knowledge of the subject property.

4.4 Commonly Known or Reasonably Ascertainable Information

The User indicated that they were not aware of commonly known environmental concerns related to the subject property.

4.5 Valuation Reduction for Environmental Issues

The property is not being sold.

4.6 Owner, Property Manager, and Occupant Information

The User indicated that the property is owned by the Wilmington Housing Authority and Ms. Betty White is the property manager.

4.7 Degree of Obviousness

The User stated that they were not aware of obvious indicators that point to the presence or likely presence of contamination at the subject property.

5.0 RECORDS REVIEW

A regulatory records search of ASTM standard and supplemental databases was conducted for the subject property and is included in Appendix III. The regulatory search report in the appendix includes additional details about the regulatory databases that were reviewed. The regulatory records search involves searching a series of databases for facilities that are located within a specified distance from the subject property. The ASTM standard specifies an approximate minimum search distance from the subject property for each database. Pursuant to ASTM, the approximate minimum search distance may be reduced for each standard environmental record except for Federal NPL site list, and Federal RCRA TSD list. According to ASTM, government information obtained from nongovernmental sources may be considered current if the source updates the information at least every 90 days or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public. The following table indicates the standard environmental record sources and the approximate minimum search distances for each record.

Standard Environmental Record Sources	Approximate Minimum Search Distance Per ASTM (miles)	Subject Property	Off-Site Properties
Federal NPL	1.0	No	0
Federal Delisted NPL	0.5	No	0
Federal CERCLIS	0.5	No	0
Federal CERCLIS NFRAP	0.5	No	0
Federal RCRA CORRACTS	1.0	No	1
Federal RCRA non-CORRACTS TSD	0.5	No	1
Federal RCRA Generators	Subject Site and Adjoining Properties	No	1
Federal IC/EC	Subject Site Only	No	N/A
Federal ERNS	Subject Site Only	No	N/A
State and Tribal Hazardous Waste Sites (NPL Equivalent)	1.0	No	2

Standard Environmental Record Sources	Approximate Minimum Search Distance Per ASTM (miles)	Subject Property	Off-Site Properties
State and Tribal Hazardous Waste Sites (CERCLIS Equivalent)	0.5	No	3
State and Tribal Landfill and/or solid waste disposal sites	0.5	No	0
State and Tribal Leaking Tanks	0.5	No	39
State and Tribal Registered UST and AST	Subject Site and Adjoining Properties	No	0
State and Tribal IC/ EC	Subject Site Only	No	N/A
State and Tribal Voluntary Cleanup (VCP)	0.5	No	0
State and Tribal Brownfield Sites	0.5	No	0

Based on our knowledge of the subject property and the surrounding area, ECS attempts to verify and interpret this data. While this attempt at verification is made with due diligence, ECS cannot guarantee the accuracy of the record(s) search beyond that of information provided by the regulatory report(s). ECS makes no warranty regarding the accuracy of the database report information included within the regulatory report(s).

The regulatory database search was performed by ERIS, and their report is dated April 5, 2023. ECS did not reduce the minimum ASTM search distances stipulated in the standard. The regulatory databases reviewed by ECS included supplemental databases researched by ERIS.

5.1 Federal ASTM Databases

5.1.1 Federal Corrective Action Report (CORRACTS)

CORRACTS identifies hazardous waste handlers that have been subject to corrective action under Resource Conservation and Recovery Act (RCRA).

The subject property was not listed on the CORRACTS database.

The database report lists one property within the designated search radius for this database. The off-site listing is reported more than 4,000 feet from the subject property. Based on the distance from the subject property, ECS does not believe issues associated with this off-site listing would result in a REC for the subject property. Additional information pertaining to this listing can be viewed in the regulatory report included in Appendix III.

5.1.2 Federal Resource Conservation and Recovery Information System (RCRIS) - Treatment, Storage and Disposal (TSD) Facilities

RCRIS identifies facilities that treat, store or dispose of hazardous wastes as defined by the RCRA. TSDs treat, store or dispose of hazardous waste.

The subject property was not listed on the RCRIS TSD database.

The database report lists one property within the designated search radius for this database which is described below:

> **City of Wilmington Police Department, 3100 Hurst Street -** This listing is located on the eastern adjoining property. This site is situated in a presumed cross-gradient hydrogeological position relative to the subject property. According to the ERIS report, the facility is listed as a VSQG for lead and barium. The facility, which was constructed in 2020, underwent a compliance inspection after construction, and violations were not identified. Based on our review of reasonably ascertainable information including cross-gradient topography, minimal time as a generator, and lack of identified violations during the compliance inspection, issues at this site are not considered to represent a REC for the subject property.

5.1.3 Federal RCRIS - Generators

RCRIS identifies facilities that generate hazardous wastes as defined by the RCRA. Very small quantity generators (VSQG) (previously identified as conditionally exempt small quantity generators or CESQGs) generate less than 100 kilograms of hazardous waste, or less than 1 kilogram of acutely hazardous waste, per month. Small quantity generators (SQGs) generate between 100 and 1,000 kilograms of hazardous waste per month. Large quantity generators (LQGs) generate more than 1,000 kilograms of hazardous waste or more than 1 kilogram of acutely hazardous waste per month.

The subject property was not listed on the RCRA databases.

The database report lists one property within the designated search radius for this database which is described below:

> **City of Wilmington Police Department, 3100 Hurst Street -** This listing is located on the eastern adjoining property. This site is situated in a presumed cross-gradient hydrogeological position relative to the subject property. According to the ERIS report, the facility is listed as a VSQG for lead and barium. The facility, which was constructed in 2020, underwent a compliance inspection after construction, and violations were not identified. Based on our

review of reasonably ascertainable information including cross-gradient topography, minimal time as a generator, and lack of identified violations during the compliance inspection, issues at this site are not considered to represent a REC for the subject property.

5.2 State ASTM Databases

5.2.1 State Hazardous Substance Disposal Site (HSDS)

The State HSDS records are locations of uncontrolled and unregulated hazardous waste sites. The records include sites on the NPL as well as those on the state priority list.

The subject property was not listed on the State HSDS database.

The database report lists two properties within the designated search radius for this database. These off-site listings are reported more than 3,000 feet from the subject property. Based on the distance from the subject property and/or relative topographic position, ECS does not believe issues at these off-site listings result in a REC for the subject property. Additional information pertaining to these listings can be viewed in the regulatory report included in Appendix III.

5.2.2 State Hazardous Waste Sites (SHWS) Inventory

State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not be already listed on the federal CERCLIS database.

The subject property was not listed on the SHWS database.

The database report lists three properties within the designated search radius for this database. These off-site listings are reported more than 3,500 feet from the subject property. Based on the distance from the subject property and/or relative topographic position, ECS does not believe issues at these off-site listings result in RECs for the subject property. Additional information pertaining to these listings can be viewed in the regulatory report included in Appendix III.

5.2.3 State Leaking Aboveground Storage Tank (LAST)

The LAST list is a record of reported leaking aboveground storage tank incidents.

The subject property was not listed on the LAST database.

The database report lists two properties within the designated search radius for this database. These off-site listings are reported more than 2,000 feet from the subject property. Based on the distance from the subject property and/or relative topographic position, ECS does not believe issues at these listings would result in RECs for the subject property. Additional information pertaining to these listings can be viewed in the regulatory report included in Appendix III.

5.2.4 Leaking Underground Storage Tank (LUST) List

The LUST list is a record of reported leaking underground storage tank incidents. The LUST list may also identify properties that have had soil and/or groundwater contamination associated with documented releases from aboveground storage tanks, surface spills, and other sources.

The subject property was not listed on the LUST database.

The database report lists 37 properties within the designated search radius for this database. Four of these properties are discussed below:

Poe Residence, 317 Wayne Drive - This facility is listed as located approximately 375 feet north of the subject property; however, based on New Hanover County GIS, this address is actually located over 3,000 feet south of the subject property. Based on our review of reasonably ascertainable information including distance to the subject property, releases at this site are not considered to represent a REC for the subject property.

Creekwood Mini Mart, 3002 Princess Place Drive - This facility is located approximately 540 feet south of the subject property. This site is situated in a presumed up-gradient hydrogeological position relative to the subject property. According to the ERIS report, a release was identified in 1996. ECS reviewed an Assessment Report prepared by Withers & Ravenel dated April 2005. According to the report, the North Carolina Department of Environmental Quality (NCDEQ) received complaint in 1996 that abandoned USTs were still present. The NCDEQ obtained soil samples in 1996 that identified both diesel and gasoline releases had occurred. ECS reviewed an Underground Storage Tank Closure report prepared by ATC Associates of North Carolina dated March 2006. According to the report, four 4,000-gallon USTs were last utilized in 1992. Soil samples were obtained during the UST removal. Groundwater was encountered at approximately 8 feet in the excavation and groundwater samples. Laboratory analysis of soil samples identified petroleum constituents above action levels. ECS reviewed a Phase I Limited Site Assessment (LSA) prepared by Force Environmental Service Company LLC dated January 28, 2010. Laboratory analysis of a groundwater sample identified multiple petroleum related constituents above their respective 2L Standards. The NCDEQ reportedly closed the incident in April 2010 after a Notice of Residual Petroleum (NORP) was filed with New Hanover County Register of Deeds. Based on our review of reasonably ascertainable information including distance to the subject property, lack of an existing UST System, and closed regulatory status, releases at this site are not considered to represent a REC for the subject property.

HC Wallace Property, 2714 Princess Place Drive - This facility is located approximately 575 feet south of the subject property. This site is situated in a presumed up-gradient hydrogeological position relative to the subject property. According to the ERIS report, soil contamination was identified in 2000 during the removal of a heating oil UST. The incident was closed by the NCDEQ in 2001. Based on our review of reasonably ascertainable information including distance to the subject property and closed regulatory incident, releases at this site are not considered to represent a REC for the subject property.

2800 Princess Place Drive - This facility is located approximately 880 feet southwest of the subject property. This site is situated in a presumed up-gradient hydrogeological position relative to the subject property. According to the ERIS report, soil contamination was identified in November 2022 during the removal of a heating oil UST. The incident is reportedly still open with the NCDEQ. Based on our review of reasonably ascertainable information including distance to the subject property, releases at this site are not considered to represent a REC for the subject property.

ECS has reviewed the remaining listings reported by ERIS on the LUST database. These other off-site listings are reported more than 1,000 feet from the subject property. Based on the distance from the subject property and/or relative topographic position, ECS does not believe releases at these off-site listings would result in a REC for the subject property. Additional information pertaining to these listings can be viewed in the regulatory report included in Appendix III.

5.2.5 Registered Underground Storage Tank (UST) List

The Registered UST List inventories underground storage tanks registered with the state. This list does not identify USTs that have not been registered or are exempt, such as home heating oil tanks and other unregulated tanks.

The subject property was not listed on the UST database.

The database report identified no UST facilities within the ASTM-designated search radius (adjoining properties). In addition, the database report identified one UST facility within 0.25 mile of the subject property which is described below:

Creekwood Mini Mart, 3002 Princess Place Drive - This facility is located approximately 540 feet south of the subject property. This site is situated in a presumed up-gradient hydrogeological position relative to the subject property. ECS reviewed an Underground Storage Tank Closure report prepared by ATC Associates of North Carolina dated March 2006. According to the report, four 4,000-gallon USTs were last utilized in 1992 and were removed in 2006. Please see the LUST listing for additional information. Based on our review of reasonably ascertainable information including distance to the subject property, lack of an existing UST System, and closed regulatory status, releases at this site are not considered to represent a REC for the subject property.

5.3 Additional Environmental Record Sources

5.3.1 Additional Non-ASTM Federal Databases

5.3.1.1 Formerly Used Defense Sites (FUDS)

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

The subject property was not listed on the FUDS database.

The database report lists one property within the designated search radius for this database. The off-site listing is reported more than 2,000 feet from the subject property. Based on the distance from the subject property, ECS does not believe issues associated with this off-site listing would result in a REC for the subject property. Additional information pertaining to this listing can be viewed in the regulatory report included in Appendix III.

5.3.1.2 Facility Index System (FINDS)

Facility Index System (FINDS) contains both facility information and 'pointers' to other sources that contain more detail. ERIS includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), Integrated Compliance Information System (ICIS), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

The subject property is not identified on the FINDS database.

One off-site property is identified on the FINDS database and is discussed below:

> **City of Wilmington Police Department, 3100 Hurst Street -** This listing is located on the eastern adjoining property. This site is situated in a presumed cross-gradient hydrogeological position relative to the subject property. According to the ERIS report, the facility is listed on the FINDS database due to its RCRA listing. Please see additional information in the Federal RCRIS listing in Section 5.1.3. Based on our review of reasonably ascertainable information including cross-gradient topography, minimal time as a generator, and lack of identified violations during the compliance inspection, issues at this site are not considered to represent a REC for the subject property.

5.3.2 Additional Non-ASTM State Databases

5.3.2.1 Drycleaners City Directories

Names and address of dry-cleaning businesses collected from historical city directories, made available by the North Carolina Department of Environmental Quality.

The subject property is not identified on the database.

One off-site property is identified on the Drycleaners City Directories database. The database report lists one property within the designated search radius for this database. The off-site listing is reported more than 1,200 feet from the subject property and listed in the 1975 city directories as a self-service laundromat. Based on the distance from the subject property, ECS does not believe issues associated with this off-site listing would result in a REC for the subject property. Additional information pertaining to this listing can be viewed in the regulatory report included in Appendix III.

5.3.2.2 Incident Management Database (SPILLS)

The Incident Management Database (IMD) tracks spills, hazardous material releases, sanitary sewer overflows and wastewater treatment plant bypasses. This database is maned by the Pretreatment, Emergency Response and Collection Systems (PERCS) unit of the Department of Environmental Quality (DEQ).

> Two sanitary sewer outfall incidents from the Cape Fear Public Utility Authority are identified within the **subject property**. One incident occurred at 902 North 30th Street and one incident occurred at 1009 North 30th Street in 1999. A total of approximately 140 gallons were released during the incident. Based on the type of releases (sewer), ECS does not consider these incidents to represent a REC for the subject property.

The database report lists five properties within the designated search radius for this database. The releases are associated with sanitary sewer outfalls owned by Cape Fear Public Utility Authority. The incidents are located between 500 feet and 650 feet south of the subject property. Based on the type of release, ECS does not consider these listings to represent RECs for the subject property.

5.3.3 Unmapped (Orphan) Facilities and Sites

Three properties were identified on the Orphan Summary List. These facilities are considered unmappable because the facility information in the database is insufficient and/or does not report accurate facility location. Based on the available information, ECS did not identify the facilities in the vicinity of the subject property.

5.4 Regulatory Review Summary

A regulatory database search report was provided by ERIS. The database search involves researching a series of Federal, State, Local, and other databases for facilities and properties that are located within specified minimum search distances from the subject property. The report identified the subject property on the SPILLS database associated with two sanitary sewer outfall releases. ECS does not consider sanitary sewer releases to represent RECs. The ERIS report identified several off-site properties within the minimum ASTM search distances. Based on our review of reasonably ascertainable public records, ECS does not consider the listings to be potential sources of soil, groundwater, or vapor impact to the subject property. Therefore, ECS does not believe that the off-site listings would have issues that result in RECs for the subject property.

6.0 HISTORICAL USE INFORMATION

6.1 Aerial Photograph Review

ECS reviewed aerial photographs of the subject property and immediately surrounding properties for evidence of former usage which may indicate potential environmental issues. The aerial photographs were obtained from ERIS. The aerial photographs reviewed were dated 1938, 1949, 1956, 1964, 1975, 1983, 1993, 1998, 2004, 2006, 2008, 2009, 2010, 2012, 2014, 2016, 2018, 2020, and 2021. Aerial photographs dated prior to 1938 were not available for review. The ECS review is dependent on the quality and scale of the photographs.

The following is a description of relevant information from the aerial photographs:

Year(s)	Subject Property	Adjoining Properties	REC? (yes or no)
1938	Several apparent agricultural structures, agricultural land, and wooded land	North: Agricultural land East: Agricultural and undeveloped, wooded land South: Railroad tracks, beyond which are apparent residential structures and agricultural land West: Agricultural and undeveloped, wooded land	No
1949	Several apparent agricultural structures, barns, and residential structures. Remainder consists of agricultural and wooded land	Similar to 1938	No
1956 and 1964	Similar to 1949	Similar to 1949 with an agricultural structure depicted to the west	No
1975	Property consists of residential structures consistent with the existing residential housing complex, North 30th Street, and Emory Street	North: Apparent residential structures East: Undeveloped, wooded land South: Railroad tracks, beyond which are apparent residential structures and agricultural land West: Undeveloped, wooded land	No

Year(s)	Subject Property	Adjoining Properties	REC? (yes or no)
1983, 1993, 1998, 2004, 2006, 2008, 2009, and 2010	Similar to 1975	Similar to 1975 with Hurst Street to the east and a commercial structure, consistent with the existing church, to the south	No
2012, 2014, and 2016	Similar to 2010	Similar to 2010 with the church to the south developing an additional building	No
2018	Similar to 2016	Similar to 2016 with residential structures to the west	No
2020 and 2021	Similar to 2018	Similar to 2018 with a commercial building to the east consistent with the existing fire and police training facility	No

6.2 Sanborn Fire Insurance Map Review

In an effort to identify past uses, ECS reviewed historical fire insurance maps obtained from ERIS for information regarding the subject property and surrounding area. Historical Sanborn™ Fire Insurance Maps (Sanborns) dated 1915 and 1923 provided coverage of the subject property area. A copy of the ERIS report is included in Appendix IV.

The following is a description of relevant information from the Sanborns:

Year(s)	Subject Property	Adjoining Properties	REC? (yes or no)
1915 and 1923	Not depicted; outside map limits	Areas to the north, east, and west are not depicted. South - Residential	No

6.3 Historical USGS Topographic Maps

Topographic maps are produced by the United States Geological Survey (USGS) for various time periods. ECS reviewed topographic maps of the subject property and immediately surrounding properties for evidence of former usage that may indicate potential environmental issues. The

topographic maps were obtained from ERIS and were dated 1942, 1947, 1948, 1970, 1979, 1980, 1993, 1997, 2013, 2016, and 2019. Topographic maps dated prior to 1942 were not available for review.

The following is a description of relevant information from the topographic maps:

Year(s)	Subject Property	Adjoining Properties	REC? (yes or no)
1942	Three apparent residences and a road Topography slopes northeast	North - Not depicted East - Wooded land South - Railroad tracks, beyond which are apparent residences West - Agricultural land, wooded land, and an unnamed tributary Topography slopes northeast and northwest	No
1947 and 1948	Similar to 1942 Topography slopes northeast	North - Agricultural land, wooded land and an unnamed tributary East - Wooded land with apparent residences farther east South - Railroad tracks, beyond which are apparent residences West - Agricultural land, wooded land, and an unnamed tributary Topography slopes northeast and northwest	No
1970	Agricultural land and wooded land. A blue line stream is depicted on the southern portion Topography slopes northeast	North - Wooded land and an unnamed tributary East - Wooded land South - Railroad tracks West - Wooded land and an unnamed tributary Topography slopes northeast and northwest	No
1979	Multiple apparent residential structures and roads Topography slopes northeast	Similar to 1970 Topography slopes northeast and northwest	No
1980	Topographic features are not depicted	Topographic features are not depicted	No

Year(s)	Subject Property	Adjoining Properties	REC? (yes or no)
1993	Shading indicates a developed area. Specific structures are not depicted. Topography slopes northeast	North - Topography is not depicted East - Wooded land South - Railroad tracks, beyond which is an apparent commercial building farther south West- Wooded land Topography slopes northeast and northwest	No
1997	Shading indicates a developed area. Specific structures are not depicted. Topography slopes northeast	North - Shading indicates a developed area. Specific structures are not depicted. East - Wooded land South - Railroad tracks, beyond which is an apparent commercial building farther south West- Wooded land with an unnamed tributary Topography slopes northeast and northwest	No
2013, 2016, and 2019	The structural layer is not depicted. Residential streets are present. Topography slopes northeast	The structural layer is not depicted. North - Residential streets East- Wooded land and Hurst Street South - Railroad tracks, wooded land and agricultural land. West- Wooded land with an unnamed tributary Topography slopes northeast and northwest	No

6.4 City Directory Review

One of the ASTM standard historical sources to be reviewed for previous subject property uses is local street directories, commonly known as City Directories. The purpose of the directory review is to identify past occupants of the subject property, adjoining properties, or nearby properties. In some rural areas, street directories information is limited.

ECS reviewed city directories obtained from ERIS. The subject property address utilized for the research was 714 Emory Street. The directories reviewed were dated 1926, 1930, 1934, 1940, 1942, 1943, 1947, 1956, 1960, 1963, 1967, 1971, 1976, 1981, 1986, 1990, 1994, 1996, 2000, 2003, 2008, 2012, 2016, 2020, and 2022. The directories reviewed prior to [YEAR] did not provide listings for the subject property or surrounding area. Directories dated prior to 1976 were not available for review. A copy of the city directory report is included in Appendix IV.

The following is a description of relevant information from the city directories:

Year(s)	Subject Property	Adjoining Properties	REC? (yes or no)
1976	Not listed	North: Residential	No
1981 and 1986	Creekwood South Recreation Center	North: Residential	No
1990 and 1994	Creekwood South Community Watch and Housing Authority of Wilmington Development Managers & Recreation Offices Creekwood South	Not listed	No
2000	Creekwood Boys & Girls Club and South Creekwood	Not listed	No
2003	Creekwood South	Not listed	No
2008	Creekwood Management Office and Creekwood South	Not listed	No
2012 and 2016	Creekwood South	Not listed	No
2020 and 2022	Creekwood South	North: Residential	No

6.5 Property Tax Files

Property tax files may include records of past ownership, appraisals, maps, sketches, photos, or other information kept by the local jurisdiction for property tax assessment purposes. According to the New Hanover County tax assessor online information, the subject property is owned by Wilminton Housing Authority. The subject property is listed as a 26-acre tract consisting of 75 parcels with individual identification numbers. Additionally, the on-site buildings are reported as being constructed in 1971 and contain 198 townhome units.

6.6 Recorded Land Title Records

Recorded land title records may include leases, land contracts, and AULs recorded by the local jurisdiction. Land title records may provide only a list of the names of previous owners and may be of limited use; however, they may provide useful information about uses or occupancy of the property when employed in combination with other sources.

ECS was not provided with Land Title Records.

6.7 Building Department Records

The term building department records means those records of the local government indicating permissions of the local government to construct, alter or demolish improvements on the property.

Ms. Samantha Potter reviewed the New Hanover County online COAST database on April 5, 2023 to determine if permits or violations were on file for the subject property. According to the database, an electrical permit to add receptacles on camera poles was issued in 2021.

6.8 Zoning/Land Use Records

The term zoning/land use records refers to records of the local government indicating the uses permitted by the government in particular zones within its jurisdictions. According to the City of Wilmington Zoning Department, the subject property is zoned as MD-17 for High-Density Multiple-Dwelling Residential District.

6.9 Previous Reports

We have not been provided with environmental or engineering assessment reports for the subject property completed by others, nor has ECS completed similar studies or prior assessments of the subject property.

6.10 Other Historical Sources

Other credible historical sources may be reviewed to identify past uses of the subject property. These sources may include websites, county or state road maps, historical society documents, or local library information.

6.10.1 State Environmental Agency

ECS reviewed the North Carolina Department of Environmental Quality (NCDEQ) Division of Waste Management Site Locator Map to determine if the subject property was identified. According to the map, there are no identified incidents on the map associated with the subject property.

6.10.2 Local Fire Department

Ms. Samantha Potter contacted the Wilmington Fire Department on April 5, 2023 regarding environmental spills, incidents, or code violations for the subject property. At the time of this report, a response had not been received. If a response is received, and materially changes the conclusions of the report, ECS will issue an addendum to this report.

6.10.3 Local Health Department

Ms. Samantha Potter contacted the New Hanover County Environmental Health Department on April 5, 2023 regarding water supply wells, septic system permits, or spills of petroleum or hazardous products. According to New Hanover County, there are no records for the subject property.

6.11 Historical Use Summary

Based on the records search, site reconnaissance and interviews, it appears that the subject property consisted of residential, agricultural, and undeveloped, wooded land from at least 1915 until at least 1964. The existing residential housing complex was constructed in 1971. North 30th Street and Emory Street have been present on the property since at least 1975. The property has remained relatively unchanged since this time. Historical records prior to 1915 were not reasonably ascertainable for the subject property.

Portions of the subject property were historically and currently used as agricultural land. Such use of the subject property may have included the storage and use of beneficial agricultural products such as fungicides, herbicides, and/or fertilizers. The legal use (i.e., in accordance with the manufacturers' specifications and customary practices) of such substances, in the course of standard operational practices does not constitute a “release to the environment.” Further, reasonably ascertainable information was not observed during the course of our assessment, including historical records review, or field reconnaissance observations regarding past site history, that a past release of such substances had occurred. Therefore, the mere presence of this historical land use does not meet the definition of a REC.

Historical aerial photographs depict apparent residential structures on the subject property that were not located on the subject property during our site reconnaissance. ECS does not have technical evidence how these structures were heated, or if the structures utilized septic tanks or water supply wells. Based on the age, it is possible that the structures were heated with oil stored in USTs. ECS did not observe evidence of USTs, septic tanks, or water supply wells during our site reconnaissance. While not considered a REC, if encountered during site development, USTs, septic systems, and water supply wells should be closed in accordance with applicable laws.

Our review of historical information for adjoining or nearby properties identified the area as originally occupied by agricultural and undeveloped, wooded land with railroad tracks to the south. Residential structures have been present to the south since at least 1915. Residential development began to the north by at least 1975 and to the west by at least 2018. The church to the south has been present since at least 1983. Hurst Street has been present to the east since at least 1983. A commercial building has been present to the east since at least 2020. The area has remained relatively unchanged since 2020.

No obvious indications of RECs were identified in the historical data review.

7.0 SITE AND AREA RECONNAISSANCE

7.1 Methodology

Mr. Brycen Braswell of ECS conducted the field reconnaissance on April 11, 2023. ECS was accompanied during the reconnaissance by Maintenance Manager, Mr. Cory Petermann and Property Manager, Dr. John Batey. The weather at the time of the reconnaissance was 70 degrees Fahrenheit and sunny. Observations were made from a walking reconnaissance around the perimeter, around the buildings, through the buildings and along several transects across the subject property. Access or visibility limitations, if any, are discussed in Section 2.6. Subject property photographs are included in Appendix V.

7.2 On-Site Features

7.2.1 Observed Geologic, Hydrogeologic, Hydrologic, and Topographic Conditions

The subject property is relatively flat with no hydrogeologic features.

7.2.2 Past Site Uses

During the site reconnaissance, ECS observed the subject property for evidence of past occupancy or usage that could indicate the presence of environmental concerns. Based on current site conditions observed during the site reconnaissance, ECS did not identify evidence of past uses or occupancy that would indicate the presence of a REC for the subject property.

7.2.3 Current Uses

The subject property consists of a multi-family residential development named Creekwood South. The subject property consists of single-story flats, two-story apartments, a community center, associated parking areas, and grassed areas. According to the Dr. Batey, property manger, approximately 70% of the units are occupied. The remaining units are either being remodeled, or have been gutted for future remodeling. Each unit consists of a common area, a kitchen, bedrooms, restrooms, and storage/utility closets. A community center structure is located on the southern portion and consists of an office area, a classroom, a kitchen, and storage closets. Pole-mounted transformers were observed throughout the subject property. Non-PCB indicators were observed on each transformer. Storm drains were observed on the northern, central, eastern, western, and southern portions. Each unit is serviced by an electrical HVAC system. The subject property is serviced by Cape Fear Public Utility Authority for water and sewer services, and Duke Energy for electricity.

The table below lists pertinent features of interest that were assessed for the subject property. Relevant information regarding pertinent features is discussed further in this section.

Feature	Yes	No
Hazardous Substances and Petroleum Products in Connection with Identified Uses		✔

Feature	Yes	No
Hazardous Substance and Petroleum Product Containers Not in Connection with Identified Uses		✔
Drums, Totes, and Intermediate Bulk Containers		✔
Unidentified Substance Containers		✔
Underground or Aboveground Storage Tanks		✔
Strong, Pungent or Noxious Odors		✔
Standing Surface Water and Pools or Sumps Containing Liquids Likely to be Hazardous Substances or Petroleum Products		✔
Known or Suspect PCB-containing Equipment		✔
Stains or Corrosion to Floors, Walls or Ceilings		✔
Stained Soil or Pavement	✔	
Floor Drains and Sump Pumps		✔
Pits, Ponds or Lagoons		✔
Stressed Vegetation		✔
Solid Waste Mounds or Non-natural Fill Materials		✔
Water/Wastewater Discharge	✔	
Groundwater Wells		✔
Septic Systems or Cesspools		✔
Hydraulic Equipment (Elevators, Lifts, Compactors, Etc.)		✔
Dry Cleaning		✔
Specialized Industrial Equipment		✔
Onsite Electrical Generators		✔
Oil-water Separators		✔

Stained Pavement

Staining was observed on the asphalt in the associated parking areas on the southern portion. The staining appears to have originated from an oil leak from a vehicle and is approximately two square feet in area. ECS considers this staining *de minimis*.

Water/Wastewater Discharge

Storm drains were observed on the northern, central, southern, eastern, and western portions of the subject property. The storm drains appeared to have previously had cooking grease dumped into them by a resident. The storm drains discharge into the local stormwater sewage system. Staining indicative of a petroleum oil/water mixture was not observed on the soil surface near the discharge pipe.

7.3 Adjoining and Nearby Properties

Contiguous and nearby properties were observed during a walking and vehicular reconnaissance of the subject property boundary and public places. The subject property is located in a residential area of Wilmington, New Hanover County, North Carolina.

Direction	Description	Relative Gradient	REC
North	Residential development	Down-gradient	No
East	Wooded land, Hurst Street and City of Wilmington Fire/Police Training Facility	Cross-gradient	No
South	A railroad followed by a church	Up-gradient	No
West	Multi-family residential development	Down-gradient	No

Pertinent features of environmental concern were not observed on adjoining or nearby properties during the site reconnaissance.

7.4 Site and Area Reconnaissance Summary

According to our site observations and a review of adjoining and nearby properties, the subject property consists of multifamily residential community, Creekwood South. The subject property is located in a residential area. Details pertaining to our on-site and off-site observations are referenced previously. We did not identify RECs associated with the subject property or neighboring properties and businesses during the reconnaissance.

8.0 ADDITIONAL SERVICES

ASTM guidelines identify non-scope issues, which are beyond the scope of this practice. Non-scope issues have the potential to be business environmental risks. Some of these non-scope issues include; asbestos-containing building materials, radon, lead-based paint, lead in drinking water, wetlands, and mold.

We were authorized to conduct the following non-scope issues for the subject property:

Lead Based Paint

Lead-based paint (LBP) was banned for residential use in 1978 and most commercial use ceased around that time. The building was constructed in 1971. We did not observe flaking or peeling paint at the time of our site visit. Based on the date of construction, there is the potential that LBP was used during the construction of the on-site structure. However, the presence of LBP or lack thereof, can only be determined by surveying and testing of representative painted surfaces.

Asbestos Containing Materials

Based on the age of the buildings (1971) on the property, asbestos-containing materials (ACM) were more likely utilized in their construction. ECS conducted a brief visual survey of the property and observed the following potentially suspect ACM: drywall joint compound, textured ceiling/ceiling tiles, vinyl floor tiles, tile mastic, and roofing materials.

This cursory visual survey is not considered to be a complete inspection for ACM. ECS recommends that an asbestos survey be performed by a licensed/certified asbestos inspector prior to conducting demolition or renovation activities that could disturb suspect ACM.

9.0 INTERVIEWS

During site reconnaissance, Mr. Brycen Braswell interviewed Property Manger, Dr. John Batey. He has been associated with the subject property for approximately one year, and has significant knowledge related to the subject property and associated activities. He indicated the subject property is at approximately 70% occupancy. Dr. Batey indicated that the remaining tenant spaces are either currently being remodeled or are planning to be remodeled in the near future. Mr. Batey indicated that one of the tenant spaces was broken into and set aflame approximately one month ago. No structural damages are noted. According to Mr. Batey, the community center is used as an after school space for children who live in the complex. Mr. Batey indicates that each unit is heated and cooled with electrical HVAC.

Dr. Batey indicated that he is not aware of 1) any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, at, or from the subject property; 2) any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the subject property; or 3) any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

10.0 FINDINGS AND CONCLUSIONS

10.1 Findings and Opinions

The subject property is identified by the New Hanover County GIS database as 75 individual parcels owned by Wilminton Housing Authority. The approximate 26-acre subject property is developed with a multifamily residential development named Creekwood South reportedly constructed in 1971. The subject property consists of single-story flats, two-story apartments, a community center, associated parking areas, and grassed areas. According to the Mr. John Batey, property manager, approximately 70% of the units are occupied. The remaining units are either being remodeled, or have been gutted for future remodeling. Each unit consists of a common area, a kitchen, bedrooms, restrooms, and storage/utility closets. A community center structure is located on the southern portion and consists of an office area, a classroom, a kitchen, and storage closets. Pole-mounted transformers were observed on throughout the subject property. Non-PCB indicators were observed on each transformer. Storm drains were observed on the northern, central, eastern, western, and southern portions. Each tenant unit is serviced by an electrical HVAC system. The subject property is serviced by Cape Fear Public Utility Authority for water and sewer services, and Duke Energy for electricity.

The subject property is located in a primarily residential area of Wilmington, North Carolina. Based on our review of site topography and conditions observed during the site reconnaissance, it is our opinion that properties to the south are presumed to be hydrogeologically up-gradient of the subject property. The adjoining properties to the north of the subject property consist of single-family residences; Haynes/Lancewell Police and Fire Training Facility to the east; railroad tracks, beyond which is Ebenezer Missionary Baptist Church to the south; and multifamily residences to the west. ECS did not identify environmental issues associated with current occupants or activities at adjoining or nearby properties that are believed to present a REC at the subject property.

Based on the records search, site reconnaissance and interviews, it appears that the subject property consisted of residential, agricultural, and undeveloped, wooded land from at least 191915 until at least 1964. The existing residential housing complex was constructed in 1971. North 30th Street and Emory Street have been present on the property since at least 1975. The property has remained relatively unchanged since this time. Historical records prior to 1915 were not reasonably ascertainable for the subject property.

Portions of the subject property were historically and currently used as agricultural land. Such use of the subject property may have included the storage and use of beneficial agricultural products such as fungicides, herbicides, and/or fertilizers. The legal use (i.e., in accordance with the manufacturers' specifications and customary practices) of such substances, in the course of standard operational practices does not constitute a “release to the environment.” Further, reasonably ascertainable information was not observed during the course of our assessment, including historical records review, or field reconnaissance observations regarding past site history, that a past release of such substances had occurred. Therefore, the mere presence of this historical land use does not meet the definition of a REC.

Historical aerial photographs depict apparent residential structures on the subject property that were not located on the subject property during our site reconnaissance. ECS does not have technical evidence how these structures were heated, or if the structures utilized septic tanks or water supply

wells. Based on the age, it is possible that the structures were heated with oil stored in USTs. ECS did not observe evidence of USTs, septic tanks, or water supply wells during our site reconnaissance. While not considered a REC, if encountered during site development, USTs, septic systems, and water supply wells should be closed in accordance with applicable laws.

Our review of historical information for adjoining or nearby properties identified the area as originally occupied by agricultural and undeveloped, wooded land with railroad tracks to the south. Residential structures have been present to the south since at least 1915. Residential development began to the north by at least 1975 and to the west by at least 2018. The church to the south has been present since at least 1983. Hurst Street has been present to the east since at least 1983. A commercial building has been present to the east since at least 2020. The area has remained relatively unchanged since 2020.

A regulatory database search report was provided by ERIS. The database search involves researching a series of Federal, State, Local, and other databases for facilities and properties that are located within specified minimum search distances from the subject property. The report identified the **subject property** on the SPILLS database associated with two sanitary sewer outfall releases. ECS does not consider sanitary sewer releases to represent RECs. The ERIS report identified several off-site properties within the minimum ASTM search distances. Based on our review of reasonably ascertainable public records, ECS does not consider the listings to be potential sources of soil, groundwater, or vapor impact to the subject property. Therefore, ECS does not believe that the off-site listings would have issues that result in RECs for the subject property.

10.2 Significant Data Gaps

Significant data gaps that would be expected to impact our ability to render a professional opinion concerning the subject property were not identified.

10.3 De Minimis Conditions

The following *de minimis* conditions were identified by ECS during completion of this assessment:

- ECS observed staining on asphalt in the associated parking areas on the southern portion.

10.4 Conclusions

We have performed a Phase I Environmental Site Assessment in general conformance with the scope and limitations of ASTM E1527-21 of the Wilmington Housing Authority - Creekwood South property located at 714 Emory Street in Wilmington, New Hanover County, North Carolina, the subject property. Any exceptions to, or deletions from, this practice are described in Section 2.6 of this report. This assessment has revealed no evidence of recognized environmental conditions, controlled recognized environmental conditions, or significant data gaps in connection with the property.

The following BERs and/or additional considerations were identified:

- ECS considers the potential for lead-based paint or asbestos containing materials to represent a BER.

10.5 Recommendations

It is the opinion of ECS Southeast, LLP that additional environmental assessment of the subject property is not warranted at this time.

11.0 REFERENCES

ASTM E1527-21. Standard Practice for Environmental Site Assessment, Phase I Environmental Site Assessment Process.

ERIS Database Report, dated April 5, 2023.

ERIS Fire Insurance Maps, dated April 5, 2023.

ERIS Historical Aerial Report (1938, 1949, 1956, 1964, 1975, 1983, 1993, 1998, 2004, 2006, 2008, 2009, 2010, 2012, 2014, 2016, 2018, 2020, and 2021), dated April 6, 2023.

ERIS Historical Directory Report (1926, 1930, 1934, 1940, 1942, 1943, 1947, 1956, 1960, 1963, 1967, 1971, 1976, 1981, 1986, 1990, 1994, 1996, 2000, 2003, 2008, 2012, 2016, 2020, and 2022), dated April 10, 2023.

ERIS Topographic Map Research Report (1942, 1947, 1948, 1970, 1979, 1980, 1993, 1997, 2013, 2016, and 2019), dated April 5, 2023.

FOIA request, Wilmington Fire Department, April 5, 2023.

FOIA request, New Hanover County Environmental Health, April 5, 2023.

Google Earth.

Interview, John Batey, April 11, 2023.

NCDEQ Site Locator Map.

New Hanover County COAST database.

New Hanover County GIS Department website.

New Hanover County Tax Department.

New Hanover County Register of Deeds.

User Questionnaire, completed by Mr. John Batey, April 17, 2023.

Wilmington Zoning Department.

Appendix I: Figures

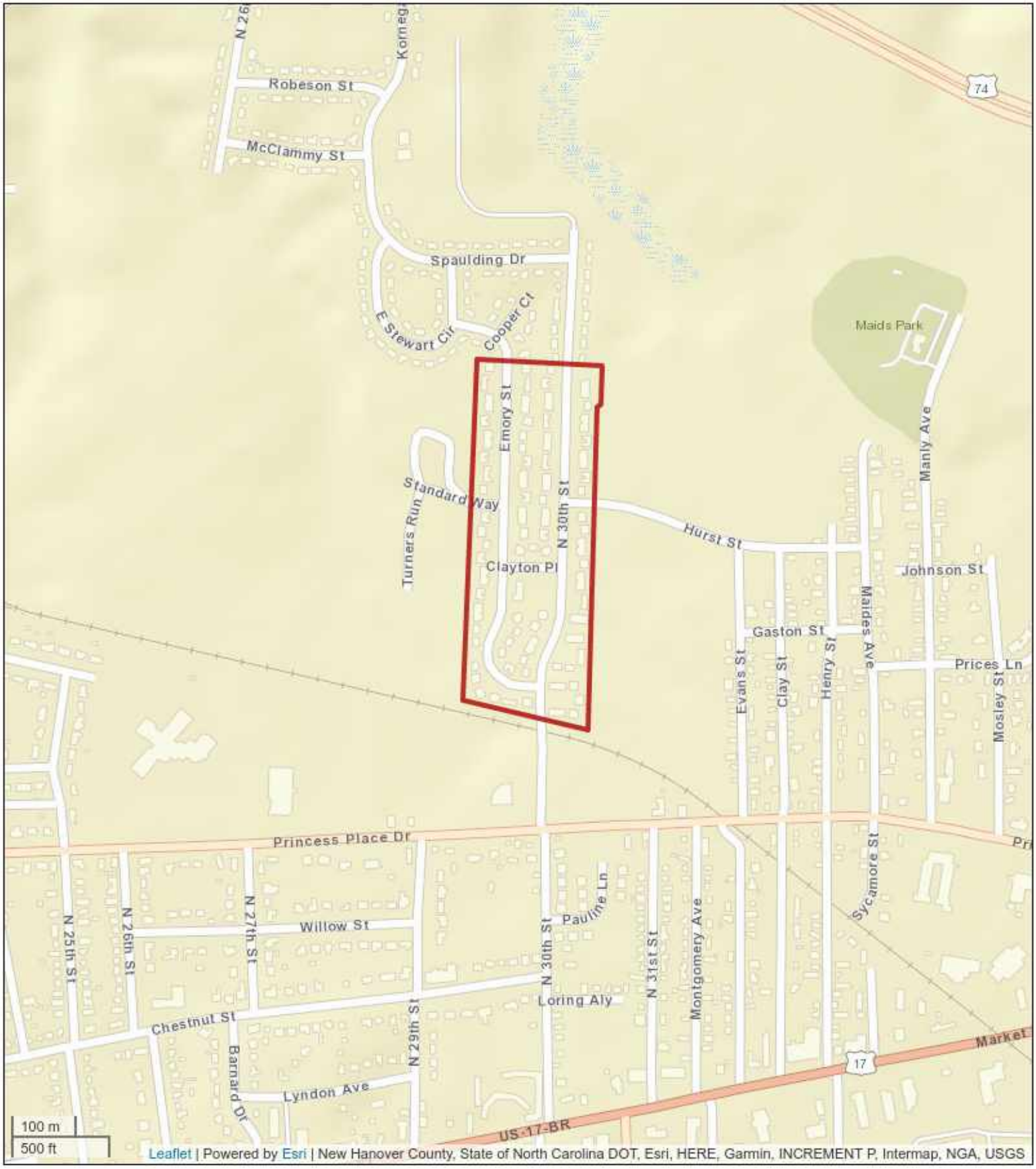

Figure 1 - Site Location Map

Creekwood South
714 Emory Street
Wilmington, North Carolina
ECS Project No. 49-20024

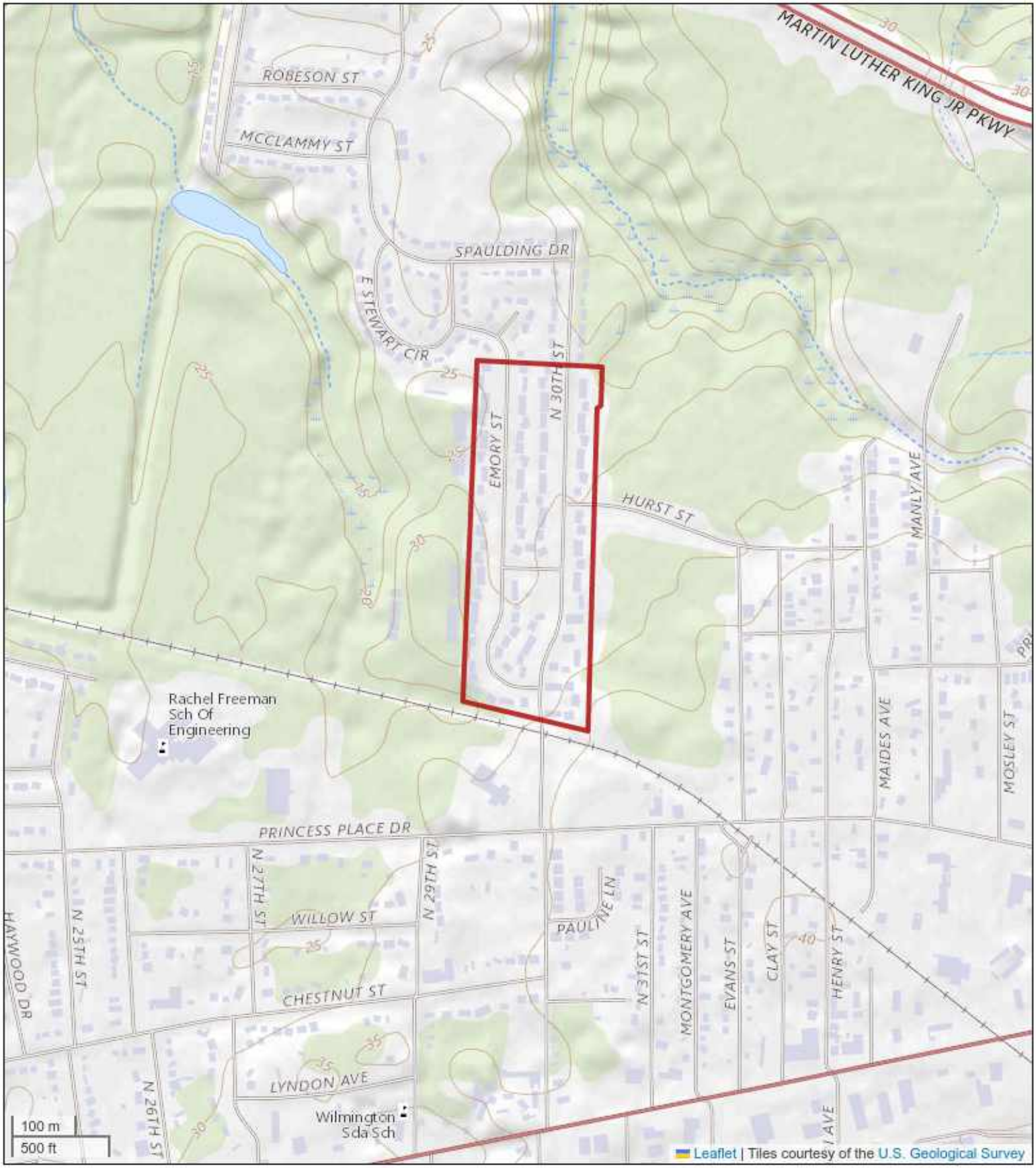

Figure 2 - USGS Topographic Map

Creekwood South
714 Emory Street
Wilmington, North Carolina
ECS Project No. 49-20024



Figure 3 - Area Features Map

Creekwood South
714 Emory Street
Wilmington, North Carolina
ECS Project No. 49-20024

Appendix II: Interviews, Correspondence and User Questionnaire

Samantha D Potter

From: Hemmen, Marie <MHemmen@nhcgov.com>
Sent: Wednesday, April 5, 2023 5:10 PM
To: Samantha D Potter
Cc: Program Support; Fenske, Dustin; Harris, Michael; Scott, Brian
Subject: [EXTERNAL] RE: ECS public record request

Good Evening Ms. Potter,

New Hanover County, Department of Health and Human Services, Division of Environmental Health has searched our records for septic systems and wells and did not find information to the parcels for which you requested located at:

- 302 Grass Lane in Wilmington, PIN R04910-006-022-000
- 714 Emory Street in Wilmington
- 1402 Meares Street in Wilmington, PIN R05414-005-001-000
- 1601 S. 13th Street in Wilmington, PIN R05418-005-001-000

Most of these properties were developed before 1961, before we had records. If documents do not exist for this property, it does not imply that there are no septic systems or wells on the property. Septic systems could have been installed prior to our record keeping. Wells could be on the property in the form of irrigation wells, geothermal wells or subsurface wells without documentation. Please note that the property owner must practice due diligence to locate all septic tanks and wells to ensure protection of the environment and aquifers. These septic tanks and wells must be abandoned properly or brought up to code with any redevelopment projects. Well abandonments require a Well Abandonment permit from Env. Health.

Please contact the NC Department of Environmental Quality-Wilmington Regional Office for records relating to hazardous materials, underground storage tanks (USTs), and spills/releases, etc. since this agency is the primary regulator of these environmental concerns.

They can be reached at 127 Cardinal Drive Ext., Wilmington, NC 28405, Phone: 910-796-7215, Fax: 910-350-2004. Their website is: https://deq.nc.gov/.

Please don't hesitate to call me if you have questions.

Sincerely,

Marie Hemmen

Marie Hemmen
Environmental Health Program Specialist (OSWP)
New Hanover County - Health and Human Services
(910) 798-6664 p | (910) 798-7815 f
MHemmen@nhcgov.com
230 Government Center Drive, Suite 140
Wilmington, NC 28403
www.NHCgov.com

From: Samantha D Potter <SPotter@ecslimited.com>
Sent: Wednesday, April 5, 2023 3:14 PM

To: Program Support <programsupport@nhcgov.com>
Subject: ECS public record request

** External Email: Do not click links, open attachments, or reply until you know it is safe **
Good Afternoon,

ECS Southeast, LLP has been hired to perform a Phase I Environmental Site Assessment (ESA) for four separate properties:

- 302 Grass Lane in Wilmington, PIN R04910-006-022-000
- 714 Emory Street in Wilmington
- 1402 Meares Street in Wilmington, PIN R05414-005-001-000
- 1601 S. 13th Street in Wilmington, PIN R05418-005-001-000

Do you know if there are any records of:

- If permits for water supply wells and septic systems been issued.
- If there are records of spills, releases or other incidents that might impact groundwater

Thank you for your help

SAMANTHA D POTTER | Environmental Scientist
ECS SOUTHEAST, LLP
T 919.861.9910 **D** 919.706.4967 **C** 919.609.1771
5260 Greens Dairy Road, Raleigh, NC 27616
SPotter@ecslimited.com | www.ecslimited.com

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Environmental Questionnaire for User

Completion required for conformance with ASTM E 1527-21. Failure to provide this information may preclude CERCLA liability protections for the property purchaser. Please return answered form to ECS.

Site Name: Creekwood

Name and Title of Person Completing Questionnaire (Please Print):

John Batey, Sr. VP of Operations & Development

Signature of Person Completing Questionnaire:

Date: 4/17/23

Name of Your Company and Your Contact Number (Please Print):

Wilmington Housing Authority (CFP22.08)

ASTM E 1527-21 indicates that, "Either the user shall make known to the environmental professional the reason why the user wants to have the Phase I Environmental Site Assessment performed or, if the user does not identify the purpose of the Phase I Environmental Site Assessment, the environmental professional shall assume the purpose is to qualify for an LLP to CERCLA liability and state this in the report." As the user of this ESA, what is the reason for conducting the Phase I ESA? If this question is unanswered, ECS will assume that the user's reason for the ESA is to qualify for landowner liability protections to CERCLA liability.

Please state reason for having ESA performed: Property is being rehabilitated through the use of federal CDBG-DR funds, which will require the submission of a Phase I ESA.

Will you provide Property Title Records and a Legal Description to ECS?

Please select one: **NO** (●) **YES** ( )

Will you provide a 50-year chain of title abstract to ECS?

Please select one: **NO** (●) **YES** ( )

Please Send Information Promptly

(1a.) **Environmental liens that are filed or recorded against the site (40 CFR 312.25).** ASTM E 1527-21 states that the user should perform a review of recorded land title records and judicial records for environmental liens or activity and use limitations for the site. Please forward the results of the land title record and judicial record review. If you would prefer, ECS can obtain this information from a third party provider for **an additional fee**. Please let ECS know if you would like to contract ECS for this service.

Please select one: **Client to Provide** (●) **ECS to Obtain** ( )

(1b.) **Activity and use limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26).** Are you aware of any activity and use limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

Please select one: **NO** ☐ **YES** ☐
If yes, please explain: _____

(2.) **Specialized knowledge -** 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?

Please select one: **NO** ☐ **YES** ☐
If yes, please explain: _____

(3.) **Commonly known or reasonably ascertainable information about the property (40 CFR 312.30).** Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example:

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

Please select one: **NO** ☐ **YES** ☐
If yes, please state uses: _____

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

Please select one: **NO** ☐ **YES** ☐
If yes, please explain: _____

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

Please select one: **NO** ☐ **YES** ☐
If yes, please explain: _____

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

Please select one: **NO** ☐ **YES** ☐
If yes, please explain: _____

_____

_____

(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?

Please select one: **NO** ☐ **YES** ☐
If no, please explain: _____

_____

_____

If you are aware that there is a difference, is the lower purchase price because contamination is known or believed to be present at the property?

Please select one: **NO** ☐ **YES** ☐
If yes, please explain: _____

_____

_____

(5.) Parcel Property Owner(s) & Contact Number(s):

A. Wilmington Housing Authority, 910-341-7700

B. _____

C. _____

D. _____

Property Manager and Occupant(s) & Contact Number(s)

Property Manager: Akieta Robinson, 910-341-7766

Occupant/Tenant: _____

Occupant/Tenant: _____

(6.) The degree of obviousness of the presence or 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?

Please select one: **NO** ☐ **YES** ☐
If yes, please explain: _____

_____

_____

Appendix III: Regulatory Records Documentation

DATABASE REPORT

Project Property:	*Creekwood South* *714 Emory Street* *Wilmington NC 28405*
Project No:	*49-20024*
Report Type:	*Database Report*
Order No:	*23040400848*
Requested by:	*ECS Limited Southeast*
Date Completed:	*April 5, 2023*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

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Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

Reliance on information in Report: This report DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as database review of environmental records.

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Executive Summary

Property Information:

Project Property:	*Creekwood South* *714 Emory Street Wilmington NC 28405*
Project No:	*49-20024*

Coordinates:

Latitude:	*34.24792107*
Longitude:	*-77.9074409*
UTM Northing:	*3,793,470.73*
UTM Easting:	*232,244.22*
UTM Zone:	*UTM Zone 18S*

Elevation: *25 FT*

Order Information:

Order No:	*23040400848*
Date Requested:	*April 4, 2023*
Requested by:	*ECS Limited Southeast*
Report Type:	*Database Report*

Historicals/Products:

Aerial Photographs	*Historical Aerials (with Project Boundaries)*
City Directory Search	*Smart CD Search*
ERIS Xplorer	*ERIS Xplorer*
Excel Add-On	*Excel Add-On*
Fire Insurance Maps	*US Fire Insurance Maps*
Physical Setting Report (PSR)	*Physical Setting Report (PSR)*
Topographic Map	*Topographic Maps*

Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
Standard Environmental Records								
Federal								
DOE FUSRAP	Y	1	0	0	0	0	0	0
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	0.5	0	0	0	0	-	0
SEMS	Y	0.5	0	0	0	0	-	0
ODI	Y	0.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	0.5	0	0	0	0	-	0
CERCLIS	Y	0.5	0	0	0	0	-	0
IODI	Y	0.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	0.5	0	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	0	**1**	**1**
RCRA TSD	Y	0.5	0	**1**	0	0	-	**1**
RCRA LQG	Y	0.25	0	0	0	-	-	0
RCRA SQG	Y	0.25	0	0	0	-	-	0
RCRA VSQG	Y	0.25	0	**1**	0	-	-	**1**
RCRA NON GEN	Y	0.25	0	0	0	-	-	0
RCRA CONTROLS	Y	0.5	0	0	0	0	-	0
FED ENG	Y	0.5	0	0	0	0	-	0
FED INST	Y	0.5	0	0	0	0	-	0
LUCIS	Y	0.5	0	0	0	0	-	0
NPL IC	Y	0.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	0.5	0	0	0	0	-	0
FEMA UST	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
FRP	Y	0.25	0	0	0	-	-	0
DELISTED FRP	Y	0.25	0	0	0	-	-	0
HIST GAS STATIONS	Y	0.25	0	0	0	-	-	0
REFN	Y	0.25	0	0	0	-	-	0
BULK TERMINAL	Y	0.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	0	0
State								
SHWS	Y	1	0	0	0	0	**3**	**3**
LUST TRUST	Y	0.5	0	0	**7**	**10**	-	**17**
DELISTED SHWS	Y	1	0	0	0	0	**1**	**1**
SWF/LF	Y	0.5	0	0	0	0	-	0
OLD LF	Y	0.5	0	0	0	0	-	0
COAL ASH LF	Y	0.5	0	0	0	0	-	0
LUST	Y	0.5	0	**3**	**12**	**22**	-	**37**
HSDS	Y	1	0	0	0	0	**2**	**2**
LAST	Y	0.5	0	0	0	**2**	-	**2**
DELISTED LST	Y	0.5	0	0	0	0	-	0
UST	Y	0.25	0	**1**	0	-	-	**1**
AST	Y	0.25	0	0	0	-	-	0
TANK	Y	0.25	0	0	0	-	-	0
DTNK	Y	0.25	0	0	0	-	-	0
SOIL REM PERMITS	Y	0.25	0	0	0	-	-	0
INST	Y	0.5	0	0	0	0	-	0
LUR	Y	0.5	0	0	**4**	**11**	-	**15**
FUEL STATIONS	Y	0.25	0	0	0	-	-	0
DELISTED FSS	Y	0.25	0	0	0	-	-	0
VCP	Y	0.5	0	0	0	0	-	0
BROWNFIELDS	Y	0.5	0	0	0	0	-	0
Tribal								
INDIAN LUST	Y	0.5	0	0	0	0	-	0
INDIAN UST	Y	0.25	0	0	0	-	-	0
DELISTED INDIAN LST	Y	0.5	0	0	0	0	-	0
DELISTED INDIAN UST	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
County	***No County standard environmental record sources available for this State.***							
Additional Environmental Records								
Federal								
FINDS/FRS	Y	PO	0	**1**	-	-	-	**1**
TRIS	Y	PO	0	-	-	-	-	0
PFAS NPL	Y	0.5	0	0	0	0	-	0
PFAS FED SITES	Y	0.5	0	0	0	0	-	0
PFAS SSEHRI	Y	0.5	0	0	0	0	-	0
ERNS PFAS	Y	0.5	0	0	0	0	-	0
PFAS NPDES	Y	0.5	0	0	0	0	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0
PFAS WATER	Y	0.5	0	0	0	0	-	0
PFAS TSCA	Y	0.5	0	0	0	0	-	0
HMIRS	Y	0.125	0	0	-	-	-	0
NCDL	Y	0.125	0	0	-	-	-	0
TSCA	Y	0.125	0	0	-	-	-	0
HIST TSCA	Y	0.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	0.5	0	0	0	0	-	0
ICIS	Y	PO	0	-	-	-	-	0
FED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	**1**	0	**1**
FORMER NIKE	Y	1	0	0	0	0	0	0
PIPELINE INCIDENT	Y	PO	0	-	-	-	-	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	0.25	0	0	0	-	-	0
SMCRA	Y	1	0	0	0	0	0	0
MRDS	Y	1	0	0	0	0	0	0
LM SITES	Y	1	0	0	0	0	0	0
ALT FUELS	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
CONSENT DECREES	Y	0.25	0	0	0	-	-	0
AFS	Y	PO	0	-	-	-	-	0
SSTS	Y	0.25	0	0	0	-	-	0
PCBT	Y	0.5	0	0	0	0	-	0
PCB	Y	0.5	0	0	0	0	-	0
State								
DRYC DSCA	Y	0.5	0	0	0	0	-	0
DRYC HIST BOILER	Y	0.25	0	0	0	-	-	0
DRYC CITY DIR	Y	0.25	0	0	**1**	-	-	**1**
DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
SPILLS	Y	0.125	**2**	**5**	-	-	-	**7**
MGP	Y	1	0	0	0	0	0	0
PFAS	Y	0.5	0	0	0	0	-	0
SWRCY	Y	0.5	0	0	0	0	-	0
HAZ	Y	0.25	0	0	0	-	-	0
SDTF	Y	0.125	0	0	-	-	-	0
TIER 2	Y	0.125	0	0	-	-	-	0
UIC	Y	PO	0	-	-	-	-	0
AIR PERMIT	Y	0.25	0	0	0	-	-	0
FEEDLOTS	Y	0.5	0	0	0	0	-	0
Tribal	***No Tribal additional environmental record sources available for this State.***							
County	***No County additional environmental record sources available for this State.***							
Total:			***2***	***12***	***24***	***46***	***7***	***91***

**** PO – Property Only***
**** 'Property and adjoining properties' database search radii are set at 0.25 miles.***

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	SPILLS	Northside WWTP	902 N. 30th Street NC	NE	0.00 / 0.00	0	31
2	SPILLS	Northside WWTP	1009 N. 30th St. NC	N	0.00 / 0.00	-3	31

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
3	RCRA VSQG	CITY OF WILMINGTON POLICE DEPARTMENT	3100 HURST STREET WILMINGTON NC 28405 ***EPA Handler ID:*** NCR000173583	E	0.01 / 51.10	2	31
3	RCRA TSD	CITY OF WILMINGTON POLICE DEPARTMENT	3100 HURST STREET WILMINGTON NC 28405 ***EPA Handler ID:*** NCR000173583	E	0.01 / 51.10	2	33
3	FINDS/FRS	CITY OF WILMINGTON POLICE DEPARTMENT	3100 HURST STREET WILMINGTON NC 28405 ***Registry ID:*** 110070665028	E	0.01 / 51.10	2	35
4	LUST	POE RESIDENCE	317 WAYNE DRIVE WILMINGTON NC 28403 ***Incident No:*** 32162 ***Incid Phase Desc:*** Response	N	0.07 / 377.03	-3	36
5	SPILLS	CFPUA Collection System	Manhole at Princess Place & 30th Street NC	S	0.10 / 526.05	9	39
6	LUST	WALLACE, H.C. PROPERTY	2714 PRINCESS PLACE DRIVE WILMINGTON NC 28405 ***Incident No:*** 22022 ***Incid Phase Desc:*** Close Out	SSE	0.11 / 584.10	12	39
7	LUST	CREEKWOOD MINI MART	3002 PRINCESS PLACE WILMINGTON NC 284053146 ***Incident No:*** 18694 ***Incid Phase Desc:*** Close Out	S	0.11 / 596.58	10	41
7	UST	CREEKWOOD MINIT MART	3002 PRINCESS PLACE DRIVE WILMINGTON NC 28405 ***Facility ID:*** 00-0-0000020307 ***Tank ID | Tank Status:*** 1 | Removed, 4 | Removed, 2 | Removed, 3 | Removed	S	0.11 / 596.58	10	43
8	SPILLS	CFPUA Collection System	Shallow Manhole at 2819 Princess Place Dr NC	SSW	0.12 / 621.87	3	45
8	SPILLS	CFPUA Collection System	manhole located in front of 2819 Princess Place Drive NC	SSW	0.12 / 621.87	3	46
8	SPILLS	Northside WWTP	2819 Princess Place Dr. NC	SSW	0.12 / 621.87	3	47
9	SPILLS	CFPUA Collection System	Manhole @ 2924 Princess Place Dr NC	S	0.12 / 623.06	8	47

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
10	LUST	Princess Place Dr - 2808	2808 Princess Place Dr Wilmington NC 28405 ***Incident No:*** 48772 ***Incid Phase Desc:*** Response	SSW	0.18 / 964.76	2	48
11	LUST TRUST	Wallace Property	2714 Princess Place Drive Wilmington NC ***Incident No	Facility ID:*** 22022 |	SW	0.19 / 1,001.30	0	50
12	LUST TRUST	Pitts Property (Ned)	2825 Willow Street Wilmington NC ***Incident No	Facility ID:*** 32326 |	SSW	0.19 / 1,003.79	8	50
12	LUR	PITTS PROPERTY (NED)	2825 WILLOW STREET WILMIGNTON NC	SSW	0.19 / 1,003.79	8	51
13	LUST	PITTS PROPERTY (NED)	2825 WILLOW STREET WILMIGNTON NC 28405 ***Incident No:*** 32326 ***Incid Phase Desc:*** Close Out	SSW	0.19 / 1,003.79	8	51
14	LUST	JACKSON RESIDENCE, JEAN	2708 PRINCESS PLACE DRIVE WILMINGTON NC 28405 ***Incident No:*** 32010 ***Incid Phase Desc:*** Close Out	SW	0.19 / 1,022.90	0	53
15	LUST	Horizon Home Buyers, Inc. Property	306 N. 29th St Wilmington NC 28405 ***Incident No:*** 43167 ***Incid Phase Desc:*** Close Out	SSW	0.19 / 1,027.24	10	56
16	LUST	HEMMINGWAY PROPERTY (THELMA)	2802 PRINCESS PLACE DRIVE WILMINGTON NC 28405 ***Incident No:*** 32250 ***Incid Phase Desc:*** Close Out	SW	0.20 / 1,048.29	2	58
16	LUST TRUST	Hemmingway Property (Thelma)	2802 Princess Place Drive Wilmington NC ***Incident No	Facility ID:*** 32250 |	SW	0.20 / 1,048.29	2	61
17	LUST	VIRGINIA EDGERTON PROPERTY	2819 WILLOW STREET WILMINGTON NC 28403 ***Incident No:*** 22002 ***Incid Phase Desc:*** Close Out	SSW	0.20 / 1,063.41	7	61
17	LUST TRUST	Edgerton Residence	2819 Willow Street Wilmington NC ***Incident No	Facility ID:*** 22002 |	SSW	0.20 / 1,063.41	7	63
18	LUST TRUST	Jackson Property	2708 Princess Place Drive Wilmington NC ***Incident No	Facility ID:*** 32010 |	SW	0.21 / 1,088.24	0	63
19	LUR	29TH ST (N) -302	302 29TH ST (N) WILMINGTON NC	SSW	0.21 / 1,100.96	11	64

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
20	LUST	29TH ST (N) -302	302 29TH ST (N) WILMINGTON NC 28405 ***Incident No:*** 43014 ***Incid Phase Desc:*** Close Out	SSW	0.21 / 1,100.96	11	64
21	LUR	WILLOW ST-2809	2809 WILLOW ST WILMINGTON NC	SSW	0.21 / 1,125.25	5	67
22	LUST	WILLOW ST-2809	2809 WILLOW ST WILMINGTON NC 28405 ***Incident No:*** 43002 ***Incid Phase Desc:*** Close Out	SSW	0.21 / 1,125.25	5	67
23	LUST TRUST	Parker Residence	2801 Willow St Wilmington NC ***Incident No | Facility ID:*** 32683 |	SSW	0.23 / 1,212.59	3	70
23	LUR	PARKER RESIDENCE	2801 WILLOW ST WILMINGTON NC	SSW	0.23 / 1,212.59	3	70
24	LUST	PARKER RESIDENCE	2801 WILLOW ST WILMINGTON NC 28405 ***Incident No:*** 32683 ***Incid Phase Desc:*** Close Out	SSW	0.23 / 1,212.59	3	70
25	LUST	Willow Street - 2713	2713 Willow Street Wilmington NC 28405 ***Incident No:*** 47429 ***Incid Phase Desc:*** Close Out	SW	0.23 / 1,214.32	1	73
26	DRYC CITY DIR	Seven Day Laundromat	405 Henry Street, Wilmington, NC NC	SE	0.23 / 1,215.06	13	75
27	LUST	Willow Street - 2711	2711 Willow St Wilmington NC 28405 ***Incident No:*** 47441 ***Incid Phase Desc:*** Close Out	SW	0.24 / 1,244.20	0	75
28	LUST	JACOB PROPERTY	2915 CHESTNUT STREET WILMINGTON NC 28405 ***Incident No:*** 32140 ***Incid Phase Desc:*** Close Out	S	0.24 / 1,248.80	8	77
28	LUST TRUST	Jacob Property	2915 Chestnut St Wilmington NC ***Incident No | Facility ID:*** 32140 | NA	S	0.24 / 1,248.80	8	79
29	LUR	WILLOW STREET- 2802	2802 WILLOW STREET WILMINGTON NC	SSW	0.26 / 1,350.05	4	80
30	LUST	WILLOW STREET- 2802	2802 WILLOW STREET WILMINGTON NC 28405 ***Incident No:*** 32875 ***Incid Phase Desc:*** Close Out	SSW	0.26 / 1,350.05	4	80

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
30	LUST TRUST	Willow Street - 2802	2802 Willow Street Wilmington NC ***Incident No | Facility ID:*** 32875 |	SSW	0.26 / 1,350.05	4	83
31	LUST	Chestnut Street -2819	2819 Chestnut Street Wilmington NC 28405 ***Incident No:*** 43201 ***Incid Phase Desc:*** Close Out	SSW	0.27 / 1,403.23	8	84
32	LUST	North 27th Street - 302	302 North 27th Street Wilmington NC 28405 ***Incident No:*** 43187 ***Incid Phase Desc:*** Close Out	SW	0.27 / 1,442.19	1	86
33	LUST TRUST	Chestnut St- 2914	2914 Chestnut St Wilmington NC ***Incident No | Facility ID:*** 32555 |	S	0.29 / 1,534.87	6	88
33	LUR	CHESTNUT ST-2914	2914 CHESTNUT ST WILMINGTON NC	S	0.29 / 1,534.87	6	88
34	LUST	CHESTNUT ST-2914	2914 CHESTNUT ST WILMINGTON NC 28405 ***Incident No:*** 32555 ***Incid Phase Desc:*** Close Out	S	0.29 / 1,534.87	6	89
35	LUST TRUST	Underwood Estate (harriet)	2707 Chestnut Street Wilmington NC ***Incident No | Facility ID:*** 32399 |	SSW	0.31 / 1,645.91	3	91
35	LUR	UNDERWOOD ESTATE (HARRIET)	2707 CHESTNUT STREET WILMINGTON NC	SSW	0.31 / 1,645.91	3	92
36	LUST	UNDERWOOD ESTATE (HARRIET)	2707 CHESTNUT STREET WILMINGTON NC 28405 ***Incident No:*** 32399 ***Incid Phase Desc:*** Close Out	SSW	0.31 / 1,645.91	3	92
37	LUR	Chestnut Street - 2701	2701 Chestnut Street Wilmington NC	SW	0.33 / 1,758.70	2	95
38	LUST	Chestnut Street - 2701	2701 Chestnut Street Wilmington NC 28405 ***Incident No:*** 43060	SW	0.33 / 1,758.71	2	95
39	LUST	TRIANGLE RENT-A-CAR	3111 MARKET STREET WILMINGTON NC 27627 ***Incident No:*** 18092 ***Incid Phase Desc:*** Close Out	SSE	0.34 / 1,787.42	11	97
40	LUST TRUST	Triangle Rent A Car	3111 Market Street Wilmington NC ***Incident No | Facility ID:*** 18092 | 0-026973	SSE	0.36 / 1,903.76	12	100
41	LUST	LUBE CENTER	3315-1 MARKET ST. WILMINGTON NC	SSE	0.37 / 1,950.93	11	100

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
42	LUST TRUST	Hobbs Market St. EZ Serve	3024 Market Street Wilmington NC	S	0.37 / 1,975.60	13	102
			Incident No | Facility ID: 11708 | 0-000097				
43	LUST	BLOUNT ELEMENTARY SCHOOL	3702 PRINCESS PLACE DR. WILMINGTON NC 28401	SE	0.38 / 2,014.45	14	102
			Incident No: 32207 ***Incid Phase Desc:*** Close Out				
44	LUR	BLOUNT ELEMENTARY SCHOOL	3702 PRINCESS PLACE DR. WILMINGTON NC	SE	0.38 / 2,014.45	14	105
45	LUST	SATURN OF WILMINGTON	3302 MARKET ST. WILMINGTON NC 28403	SSE	0.38 / 2,017.18	12	105
			Incident No: 13893 ***Incid Phase Desc:*** Close Out				
46	LUST	North 26th Street - 305	305 N. 26th Street Wilmington NC 28405	SW	0.40 / 2,122.76	3	107
			Incident No: 43183 ***Incid Phase Desc:*** Close Out				
47	LUST	MARKET ST. E-Z SERVE	3024 MARKET ST. WILMINGTON NC 284030723	S	0.40 / 2,131.26	14	110
			Incident No: 11708 ***Incid Phase Desc:*** Close Out				
48	LUST	Belvedere Drive - 2426	2426 Belvedere Dr Wilmington NC 28405	WSW	0.41 / 2,188.28	2	112
			Incident No: 47296 ***Incid Phase Desc:*** Close Out				
49	LUST	ATLANTIC SHORES DIST.	3801 MARKET ST. WILMINGTON NC	SE	0.42 / 2,211.51	14	114
50	LAST	WILBERT MITCHELL RESIDENCE	319 25TH STREET WILMINGTON NC 28401	WSW	0.43 / 2,244.60	2	115
			Incident No | Current Status | Dt Occurred (IMD) | Current Stat (Map) | Dt Occurred (Map): 86020 | Current Record | 5/19/1999 | Current Record | 1999/05/20 00:00:00+00 ***Inci Phase Desc:*** Follow Up				
51	LUST TRUST	Bowen Residence, Frank	2415 Shirley Road Wilmington NC	W	0.43 / 2,270.89	-1	118
			Incident No | Facility ID: 32502 |				
51	LUR	BOWEN RESIDENCE, FRANK	2415 SHIRLEY ROAD WILMINGTON NC	W	0.43 / 2,270.89	-1	118
52	LUST	BOWEN RESIDENCE, FRANK	2415 SHIRLEY ROAD WILMINGTON NC 28405	W	0.43 / 2,270.90	-1	119
			Incident No: 32502 ***Incid Phase Desc:*** Close Out				
53	LUST TRUST	Market St, 2802	2802 Market St Wilmington NC	SSW	0.46 / 2,443.61	8	121

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			***Incident No	Facility ID:*** 32702 |			
54	LUST	KAYO STATION, FORMER	3626 MARKET STREET WILMINGTON NC 28403 ***Incident No:*** 32083 ***Incid Phase Desc:*** Close Out	SE	0.47 / 2,459.57	12	122
55	LUR	KAYO STATION, FORMER	3626 MARKET STREET WILMINGTON NC	SE	0.47 / 2,459.58	12	124
56	LAST	wilmington hyundai	3302 Market Street Wilmington NC 28403 ***Incident No | Current Status | Dt Occurred (IMD) | Current Stat (Map) | Dt Occurred (Map):*** 94044 | Current Record | 11/4/2004 | Current Record | 2004/11/05 00:00:00+00 ***Inci Phase Desc:*** Close Out	SSE	0.47 / 2,480.16	12	124
57	LUST	DENNIS PROPERTY, PATSY	2412 PRINCESS PLACE DRIVE WILMINGTON NC 28403 ***Incident No:*** 32443 ***Incid Phase Desc:*** Close Out	WSW	0.47 / 2,482.27	3	127
57	LUST TRUST	Dennis Property, Patsy	2412 Princess Place Drive Wilmington NC ***Incident No	Facility ID:*** 32443 |	WSW	0.47 / 2,482.27	3	129
58	FUDS	NEW HANOVER CNTY ARPT	WILMINGTON NC ***FUDS Property No:*** I04NC0101	NE	0.47 / 2,498.41	0	130
59	LUST	ARMSTRONG PROPERTY (COURTNEY)	2405 WESTMINSTER WAY WILMINGTON NC 28403 ***Incident No:*** 32289 ***Incid Phase Desc:*** Close Out	WSW	0.48 / 2,524.08	2	130
59	LUST TRUST	Armstrong Property (cCourtney)	2405 Westminster Way Wilmington NC ***Incident No	Facility ID:*** 32289 |	WSW	0.48 / 2,524.08	2	133
59	LUR	ARMSTRONG PROPERTY (COURTNEY)	2405 WESTMINSTER WAY WILMINGTON NC	WSW	0.48 / 2,524.08	2	133
60	LUR	MARKET ST, 2802	2802 MARKET ST WILMINGTON NC	SSW	0.49 / 2,584.69	10	134
61	LUST	MARKET ST, 2802	2802 MARKET ST WILMINGTON NC 28403 ***Incident No:*** 32702 ***Incid Phase Desc:*** Close Out	SSW	0.49 / 2,584.69	10	134
62	LUST	CAMPBELL, DORIS	3805 MARKET ST. (WAS3803-3804) WILMINGTON NC 284031401 ***Incident No:*** 43025 ***Incid Phase Desc:*** Close Out	SE	0.49 / 2,610.70	13	137
63	LUST	THE FURNITURE OUTLET	3722 & 3702 MARKET STREET WILMINGTON NC 28405	SE	0.50 / 2,615.26	13	139

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			Incident No: 9080 ***Incid Phase Desc:*** Close Out				
64	LUR	THE FURNITURE OUTLET	3722 & 3702 MARKET STREET WILMINGTON NC	SE	0.50 / 2,615.26	13	142
65	LUST	BRILLHART PROPERTY	2704 MARKET STREET WILMINGTON NC 28403 ***Incident No:*** 32130 ***Incid Phase Desc:*** Close Out	SSW	0.50 / 2,633.50	9	142
65	LUST TRUST	Brillhart Property	2704 Market St Wilmington NC ***Incident No | Facility ID:*** 32130 |	SSW	0.50 / 2,633.50	9	145
65	LUR	BRILLHART PROPERTY	2704 MARKET STREET WILMINGTON NC	SSW	0.50 / 2,633.50	9	145
66	HSDS	CONTAINER PRODS CORP	NC	WNW	0.71 / 3,750.67	-2	146
67	SHWS	CONTAINER PRODUCTS CORP.	1223 N. 23RD STREET WILMINGTON NC ***EPA ID:*** NCD980557813	WNW	0.72 / 3,802.39	-2	146
68	HSDS	CARO-KNIT	NC	WNW	0.75 / 3,985.30	-3	146
69	DELISTED SHWS	UNITED PARCEL SERVICE	1620 NORTH 23RD STREET WILMINGTON NC	NW	0.77 / 4,067.45	-4	147
70	RCRA CORRACTS	NOVANT HEALTH NEW HANOVER REGIONAL MEDICAL CENTER CRITICAL SUPPORT FACILITY	2221 J.R. KENNEDY DRIVE WILMINGTON NC 28405 ***EPA Handler ID:*** NCD072022726	W	0.79 / 4,154.57	-2	147
71	SHWS	CARO-KNIT	SMITH CREEK PKWY & 23RD WILMINGTON NC ***EPA ID:*** NCD986171965	WNW	0.82 / 4,304.77	-2	189
72	SHWS	WETSIG YACHTS	4022 MARKET STREET WILMINGTON NC ***EPA ID:*** NONCD0001105	SE	0.83 / 4,402.39	14	190

Executive Summary: Summary by Data Source

Standard

Federal

RCRA CORRACTS - RCRA CORRACTS-Corrective Action

A search of the RCRA CORRACTS database, dated Jan 23, 2023 has found that there are 1 RCRA CORRACTS site(s) within approximately 1.00 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
NOVANT HEALTH NEW HANOVER REGIONAL MEDICAL CENTER CRITICAL SUPPORT FACILITY	2221 J.R. KENNEDY DRIVE WILMINGTON NC 28405 ***EPA Handler ID**: NCD072022726*	W	0.79 / 4,154.57	70

RCRA TSD - RCRA non-CORRACTS TSD Facilities

A search of the RCRA TSD database, dated Jan 23, 2023 has found that there are 1 RCRA TSD site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
CITY OF WILMINGTON POLICE DEPARTMENT	3100 HURST STREET WILMINGTON NC 28405 ***EPA Handler ID**: NCR000173583*	E	0.01 / 51.10	3

RCRA VSQG - RCRA Very Small Quantity Generators List

A search of the RCRA VSQG database, dated Jan 23, 2023 has found that there are 1 RCRA VSQG site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
CITY OF WILMINGTON POLICE DEPARTMENT	3100 HURST STREET WILMINGTON NC 28405 ***EPA Handler ID**: NCR000173583*	E	0.01 / 51.10	3

State

SHWS - Inactive Hazardous Sites and Federal Remediation Branch Sites

A search of the SHWS database, dated Jan 31, 2023 has found that there are 3 SHWS site(s) within approximately 1.00 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
WETSIG YACHTS	4022 MARKET STREET WILMINGTON NC ***EPA ID**: NONCD0001105*	SE	0.83 / 4,402.39	72

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
CONTAINER PRODUCTS CORP.	1223 N. 23RD STREET WILMINGTON NC ***EPA ID**: NCD980557813*	WNW	0.72 / 3,802.39	67
CARO-KNIT	SMITH CREEK PKWY & 23RD WILMINGTON NC ***EPA ID**: NCD986171965*	WNW	0.82 / 4,304.77	71

LUST TRUST - State Trust Funds Database

A search of the LUST TRUST database, dated Feb 17, 2023 has found that there are 17 LUST TRUST site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Pitts Property (Ned)	2825 Willow Street Wilmington NC ***Incident No**	**Facility ID**: 32326 |*	SSW	0.19 / 1,003.79	12
Hemmingway Property (Thelma)	2802 Princess Place Drive Wilmington NC ***Incident No**	**Facility ID**: 32250 |*	SW	0.20 / 1,048.29	16
Edgerton Residence	2819 Willow Street Wilmington NC ***Incident No**	**Facility ID**: 22002 |*	SSW	0.20 / 1,063.41	17
Parker Residence	2801 Willow St Wilmington NC ***Incident No**	**Facility ID**: 32683 |*	SSW	0.23 / 1,212.59	23
Jacob Property	2915 Chestnut St Wilmington NC ***Incident No**	**Facility ID**: 32140 | NA*	S	0.24 / 1,248.80	28
Willow Street - 2802	2802 Willow Street Wilmington NC ***Incident No**	**Facility ID**: 32875 |*	SSW	0.26 / 1,350.05	30
Chestnut St- 2914	2914 Chestnut St Wilmington NC ***Incident No**	**Facility ID**: 32555 |*	S	0.29 / 1,534.87	33
Underwood Estate (harriet)	2707 Chestnut Street Wilmington NC ***Incident No**	**Facility ID**: 32399 |*	SSW	0.31 / 1,645.91	35
Triangle Rent A Car	3111 Market Street Wilmington NC ***Incident No**	**Facility ID**: 18092 | 0-026973*	SSE	0.36 / 1,903.76	40
Hobbs Market St. EZ Serve	3024 Market Street Wilmington NC	S	0.37 / 1,975.60	42

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	Incident No* | *Facility ID: *11708* | *0-000097*			
Market St, 2802	2802 Market St Wilmington NC	SSW	0.46 / 2,443.61	53
	Incident No* | *Facility ID: *32702* |			
Dennis Property, Patsy	2412 Princess Place Drive Wilmington NC	WSW	0.47 / 2,482.27	57
	Incident No* | *Facility ID: *32443* |			
Armstrong Property (cCourtney)	2405 Westminster Way Wilmington NC	WSW	0.48 / 2,524.08	59
	Incident No* | *Facility ID: *32289* |			
Brillhart Property	2704 Market St Wilmington NC	SSW	0.50 / 2,633.50	65
	Incident No* | *Facility ID: *32130* |			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Wallace Property	2714 Princess Place Drive Wilmington NC	SW	0.19 / 1,001.30	11
	Incident No* | *Facility ID: *22022* |			
Jackson Property	2708 Princess Place Drive Wilmington NC	SW	0.21 / 1,088.24	18
	Incident No* | *Facility ID: *32010* |			
Bowen Residence, Frank	2415 Shirley Road Wilmington NC	W	0.43 / 2,270.89	51
	Incident No* | *Facility ID: *32502* |			

DELISTED SHWS - Delisted Inactive Hazardous Sites Inventory

A search of the DELISTED SHWS database, dated Jan 31, 2023 has found that there are 1 DELISTED SHWS site(s) within approximately 1.00 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
UNITED PARCEL SERVICE	1620 NORTH 23RD STREET WILMINGTON NC	NW	0.77 / 4,067.45	69

LUST - Incident Management Database (Regional Underground Storage Tanks)

A search of the LUST database, dated Feb 15, 2023 has found that there are 37 LUST site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
WALLACE, H.C. PROPERTY	2714 PRINCESS PLACE DRIVE WILMINGTON NC 28405	SSE	0.11 / 584.10	6
	Incident No: *22022* ***Incid Phase Desc***: *Close Out*			

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
CREEKWOOD MINI MART	3002 PRINCESS PLACE WILMINGTON NC 284053146 ***Incident No**: 18694* ***Incid Phase Desc**: Close Out*	S	0.11 / 596.58	7
Princess Place Dr - 2808	2808 Princess Place Dr Wilmington NC 28405 ***Incident No**: 48772* ***Incid Phase Desc**: Response*	SSW	0.18 / 964.76	10
PITTS PROPERTY (NED)	2825 WILLOW STREET WILMIGNTON NC 28405 ***Incident No**: 32326* ***Incid Phase Desc**: Close Out*	SSW	0.19 / 1,003.79	13
JACKSON RESIDENCE, JEAN	2708 PRINCESS PLACE DRIVE WILMINGTON NC 28405 ***Incident No**: 32010* ***Incid Phase Desc**: Close Out*	SW	0.19 / 1,022.90	14
Horizon Home Buyers, Inc. Property	306 N. 29th St Wilmington NC 28405 ***Incident No**: 43167* ***Incid Phase Desc**: Close Out*	SSW	0.19 / 1,027.24	15
HEMMINGWAY PROPERTY (THELMA)	2802 PRINCESS PLACE DRIVE WILMINGTON NC 28405 ***Incident No**: 32250* ***Incid Phase Desc**: Close Out*	SW	0.20 / 1,048.29	16
VIRGINIA EDGERTON PROPERTY	2819 WILLOW STREET WILMINGTON NC 28403 ***Incident No**: 22002* ***Incid Phase Desc**: Close Out*	SSW	0.20 / 1,063.41	17
29TH ST (N) -302	302 29TH ST (N) WILMINGTON NC 28405 ***Incident No**: 43014* ***Incid Phase Desc**: Close Out*	SSW	0.21 / 1,100.96	20
WILLOW ST-2809	2809 WILLOW ST WILMINGTON NC 28405 ***Incident No**: 43002* ***Incid Phase Desc**: Close Out*	SSW	0.21 / 1,125.25	22
PARKER RESIDENCE	2801 WILLOW ST WILMINGTON NC 28405 ***Incident No**: 32683* ***Incid Phase Desc**: Close Out*	SSW	0.23 / 1,212.59	24
Willow Street - 2713	2713 Willow Street Wilmington NC 28405 ***Incident No**: 47429* ***Incid Phase Desc**: Close Out*	SW	0.23 / 1,214.32	25
JACOB PROPERTY	2915 CHESTNUT STREET WILMINGTON NC 28405	S	0.24 / 1,248.80	28

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	***Incident No**: 32140* ***Incid Phase Desc**: Close Out*			
WILLOW STREET- 2802	2802 WILLOW STREET WILMINGTON NC 28405	SSW	0.26 / 1,350.05	30
	***Incident No**: 32875* ***Incid Phase Desc**: Close Out*			
Chestnut Street -2819	2819 Chestnut Street Wilmington NC 28405	SSW	0.27 / 1,403.23	31
	***Incident No**: 43201* ***Incid Phase Desc**: Close Out*			
North 27th Street - 302	302 North 27th Street Wilmington NC 28405	SW	0.27 / 1,442.19	32
	***Incident No**: 43187* ***Incid Phase Desc**: Close Out*			
CHESTNUT ST-2914	2914 CHESTNUT ST WILMINGTON NC 28405	S	0.29 / 1,534.87	34
	***Incident No**: 32555* ***Incid Phase Desc**: Close Out*			
UNDERWOOD ESTATE (HARRIET)	2707 CHESTNUT STREET WILMINGTON NC 28405	SSW	0.31 / 1,645.91	36
	***Incident No**: 32399* ***Incid Phase Desc**: Close Out*			
Chestnut Street - 2701	2701 Chestnut Street Wilmington NC 28405	SW	0.33 / 1,758.71	38
	***Incident No**: 43060*			
TRIANGLE RENT-A-CAR	3111 MARKET STREET WILMINGTON NC 27627	SSE	0.34 / 1,787.42	39
	***Incident No**: 18092* ***Incid Phase Desc**: Close Out*			
LUBE CENTER	3315-1 MARKET ST. WILMINGTON NC	SSE	0.37 / 1,950.93	41
BLOUNT ELEMENTARY SCHOOL	3702 PRINCESS PLACE DR. WILMINGTON NC 28401	SE	0.38 / 2,014.45	43
	***Incident No**: 32207* ***Incid Phase Desc**: Close Out*			
SATURN OF WILMINGTON	3302 MARKET ST. WILMINGTON NC 28403	SSE	0.38 / 2,017.18	45
	***Incident No**: 13893* ***Incid Phase Desc**: Close Out*			
North 26th Street - 305	305 N. 26th Street Wilmington NC 28405	SW	0.40 / 2,122.76	46
	***Incident No**: 43183* ***Incid Phase Desc**: Close Out*			
MARKET ST. E-Z SERVE	3024 MARKET ST. WILMINGTON NC 284030723	S	0.40 / 2,131.26	47

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	***Incident No**: 11708* ***Incid Phase Desc**: Close Out*			
Belvedere Drive - 2426	2426 Belvedere Dr Wilmington NC 28405	WSW	0.41 / 2,188.28	48
	***Incident No**: 47296* ***Incid Phase Desc**: Close Out*			
ATLANTIC SHORES DIST.	3801 MARKET ST. WILMINGTON NC	SE	0.42 / 2,211.51	49
KAYO STATION, FORMER	3626 MARKET STREET WILMINGTON NC 28403	SE	0.47 / 2,459.57	54
	***Incident No**: 32083* ***Incid Phase Desc**: Close Out*			
DENNIS PROPERTY, PATSY	2412 PRINCESS PLACE DRIVE WILMINGTON NC 28403	WSW	0.47 / 2,482.27	57
	***Incident No**: 32443* ***Incid Phase Desc**: Close Out*			
ARMSTRONG PROPERTY (COURTNEY)	2405 WESTMINSTER WAY WILMINGTON NC 28403	WSW	0.48 / 2,524.08	59
	***Incident No**: 32289* ***Incid Phase Desc**: Close Out*			
MARKET ST, 2802	2802 MARKET ST WILMINGTON NC 28403	SSW	0.49 / 2,584.69	61
	***Incident No**: 32702* ***Incid Phase Desc**: Close Out*			
CAMPBELL, DORIS	3805 MARKET ST. (WAS3803-3804) WILMINGTON NC 284031401	SE	0.49 / 2,610.70	62
	***Incident No**: 43025* ***Incid Phase Desc**: Close Out*			
THE FURNITURE OUTLET	3722 & 3702 MARKET STREET WILMINGTON NC 28405	SE	0.50 / 2,615.26	63
	***Incident No**: 9080* ***Incid Phase Desc**: Close Out*			
BRILLHART PROPERTY	2704 MARKET STREET WILMINGTON NC 28403	SSW	0.50 / 2,633.50	65
	***Incident No**: 32130* ***Incid Phase Desc**: Close Out*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
POE RESIDENCE	317 WAYNE DRIVE WILMINGTON NC 28403	N	0.07 / 377.03	4
	***Incident No**: 32162* ***Incid Phase Desc**: Response*			
Willow Street - 2711	2711 Willow St Wilmington NC 28405	SW	0.24 / 1,244.20	27
	***Incident No**: 47441* ***Incid Phase Desc**: Close Out*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
BOWEN RESIDENCE, FRANK	2415 SHIRLEY ROAD WILMINGTON NC 28405	W	0.43 / 2,270.90	52
	***Incident No**: 32502* ***Incid Phase Desc**: Close Out*			

HSDS - Hazard Substance Disposal Sites

A search of the HSDS database, dated Jan 1, 1999 has found that there are 2 HSDS site(s) within approximately 1.00 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
CONTAINER PRODS CORP	NC	WNW	0.71 / 3,750.67	66
CARO-KNIT	NC	WNW	0.75 / 3,985.30	68

LAST - Aboveground Incident Management Database (Regional Aboveground Storage Tanks)

A search of the LAST database, dated Jan 6, 2023 has found that there are 2 LAST site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
WILBERT MITCHELL RESIDENCE	319 25TH STREET WILMINGTON NC 28401	WSW	0.43 / 2,244.60	50
	***Incident No | Current Status | Dt Occurred (IMD) | Current Stat (Map) | Dt Occurred (Map)**: 86020 | Current Record | 5/19/1999 | Current Record | 1999/05/20 00:00:00+00* ***Inci Phase Desc**: Follow Up*			
wilmington hyundai	3302 Market Street Wilmington NC 28403	SSE	0.47 / 2,480.16	56
	***Incident No | Current Status | Dt Occurred (IMD) | Current Stat (Map) | Dt Occurred (Map)**: 94044 | Current Record | 11/4/2004 | Current Record | 2004/11/05 00:00:00+00* ***Inci Phase Desc**: Close Out*			

UST - Registered Tanks Database

A search of the UST database, dated Jan 11, 2023 has found that there are 1 UST site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
CREEKWOOD MINIT MART	3002 PRINCESS PLACE DRIVE WILMINGTON NC 28405	S	0.11 / 596.58	7
	***Facility ID**: 00-0-0000020307* ***Tank ID | Tank Status**: 1 | Removed, 4 | Removed, 2 | Removed, 3 | Removed*			

LUR - Land Use Restriction and/or Notices

A search of the LUR database, dated May 4, 2022 has found that there are 15 LUR site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
PITTS PROPERTY (NED)	2825 WILLOW STREET WILMIGNTON NC	SSW	0.19 / 1,003.79	12
29TH ST (N) -302	302 29TH ST (N) WILMINGTON NC	SSW	0.21 / 1,100.96	19
WILLOW ST-2809	2809 WILLOW ST WILMINGTON NC	SSW	0.21 / 1,125.25	21
PARKER RESIDENCE	2801 WILLOW ST WILMINGTON NC	SSW	0.23 / 1,212.59	23
WILLOW STREET- 2802	2802 WILLOW STREET WILMINGTON NC	SSW	0.26 / 1,350.05	29
CHESTNUT ST-2914	2914 CHESTNUT ST WILMINGTON NC	S	0.29 / 1,534.87	33
UNDERWOOD ESTATE (HARRIET)	2707 CHESTNUT STREET WILMINGTON NC	SSW	0.31 / 1,645.91	35
Chestnut Street - 2701	2701 Chestnut Street Wilmington NC	SW	0.33 / 1,758.70	37
BLOUNT ELEMENTARY SCHOOL	3702 PRINCESS PLACE DR. WILMINGTON NC	SE	0.38 / 2,014.45	44
KAYO STATION, FORMER	3626 MARKET STREET WILMINGTON NC	SE	0.47 / 2,459.58	55
ARMSTRONG PROPERTY (COURTNEY)	2405 WESTMINSTER WAY WILMINGTON NC	WSW	0.48 / 2,524.08	59
MARKET ST, 2802	2802 MARKET ST WILMINGTON NC	SSW	0.49 / 2,584.69	60
THE FURNITURE OUTLET	3722 & 3702 MARKET STREET WILMINGTON NC	SE	0.50 / 2,615.26	64

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
BRILLHART PROPERTY	2704 MARKET STREET WILMINGTON NC	SSW	0.50 / 2,633.50	65

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
BOWEN RESIDENCE, FRANK	2415 SHIRLEY ROAD WILMINGTON NC	W	0.43 / 2,270.89	51

Non Standard

Federal

FINDS/FRS - Facility Registry Service/Facility Index

A search of the FINDS/FRS database, dated Aug 18, 2022 has found that there are 1 FINDS/FRS site(s) within approximately 0.02 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
CITY OF WILMINGTON POLICE DEPARTMENT	3100 HURST STREET WILMINGTON NC 28405 ***Registry ID**: 110070665028*	E	0.01 / 51.10	3

FUDS - Formerly Used Defense Sites

A search of the FUDS database, dated Jul 12, 2022 has found that there are 1 FUDS site(s) within approximately 1.00 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
NEW HANOVER CNTY ARPT	WILMINGTON NC ***FUDS Property No**: I04NC0101*	NE	0.47 / 2,498.41	58

State

DRYC CITY DIR - Drycleaning City Directories

A search of the DRYC CITY DIR database, dated Dec 6, 2021 has found that there are 1 DRYC CITY DIR site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Seven Day Laundromat	405 Henry Street, Wilmington,NC NC	SE	0.23 / 1,215.06	26

SPILLS - Incident Management Database (Spills)

A search of the SPILLS database, dated Oct 28, 2021 has found that there are 7 SPILLS site(s) within approximately 0.12 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
CFPUA Collection System	Manhole at Princess Place & 30th Street NC	S	0.10 / 526.05	5
Northside WWTP	2819 Princess Place Dr. NC	SSW	0.12 / 621.87	8
CFPUA Collection System	manhole located in front of 2819 Princess Place Drive NC	SSW	0.12 / 621.87	8
CFPUA Collection System	Shallow Manhole at 2819 Princess Place Dr NC	SSW	0.12 / 621.87	8
CFPUA Collection System	Manhole @ 2924 Princess Place Dr NC	S	0.12 / 623.06	9

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Northside WWTP	902 N. 30th Street NC	NE	0.00 / 0.00	1
Northside WWTP	1009 N. 30th St. NC	N	0.00 / 0.00	2



Map: 1.0 Mile Radius

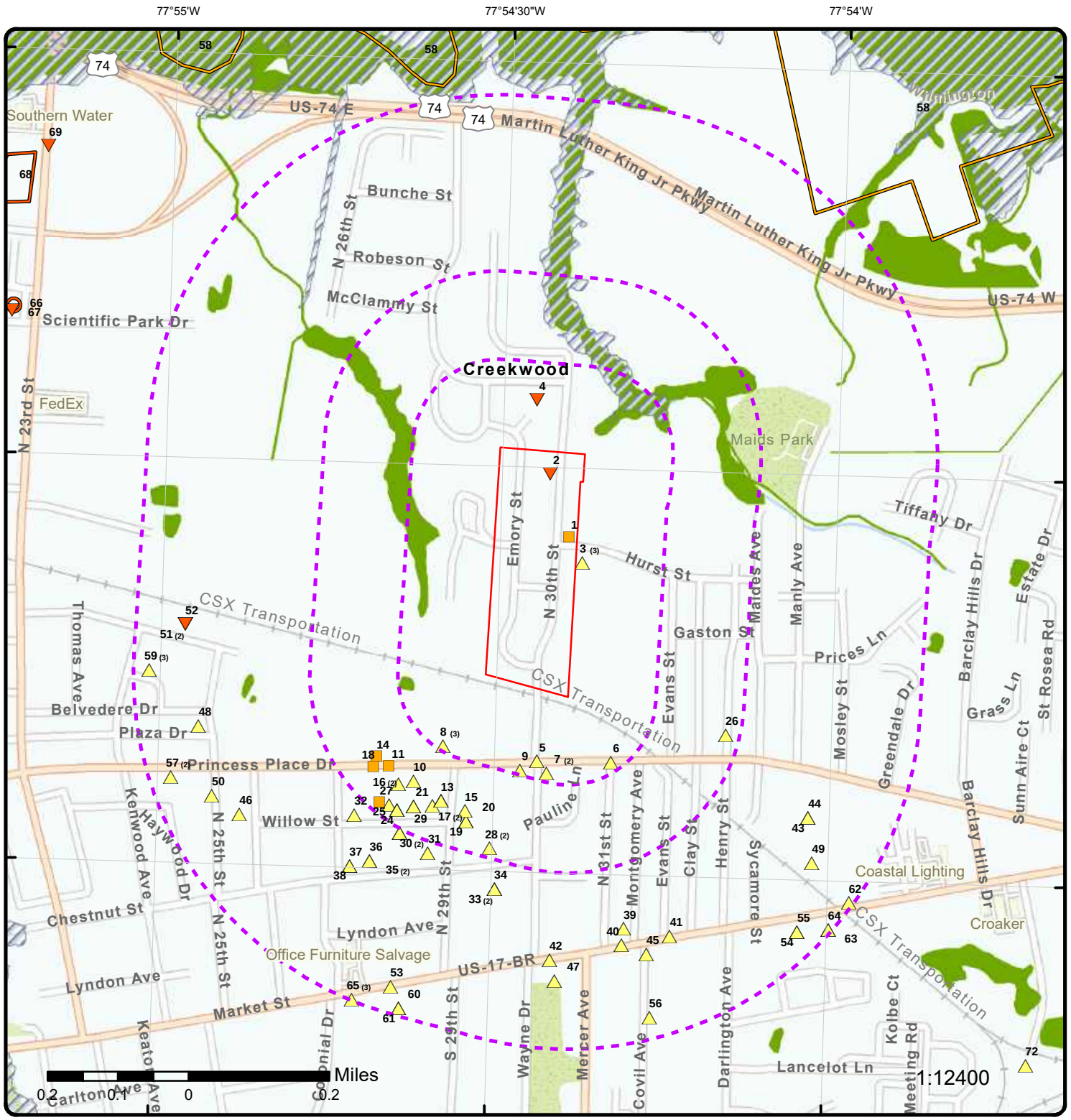
Order Number: 23040400848

Address: 714 Emory Street, Wilmington, NC

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- Plume
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

Source: © 2021 ESRI StreetMap Premium

© ERIS Information Inc.



Map: 0.5 Mile Radius

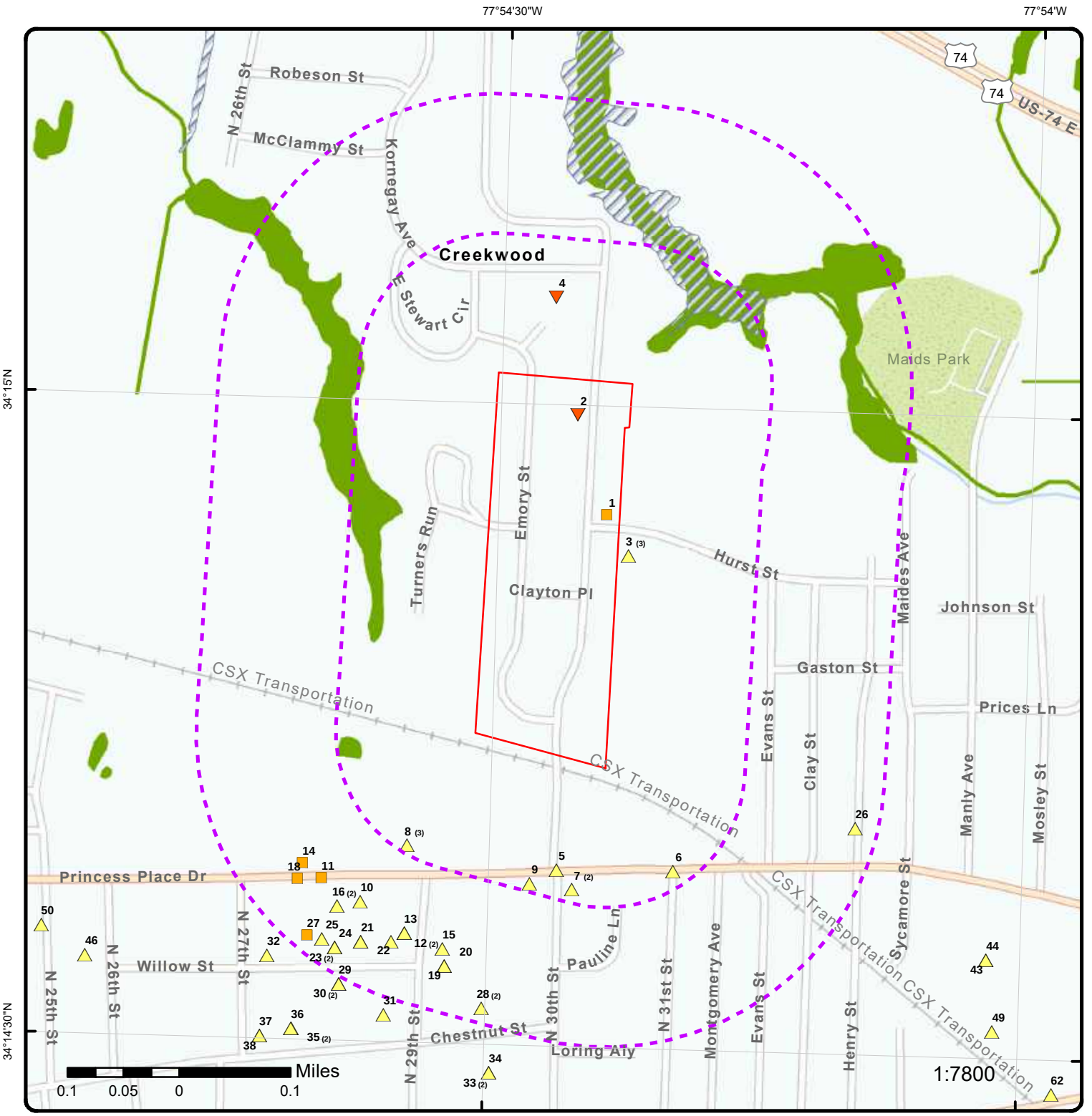
Order Number: 23040400848

Address: 714 Emory Street, Wilmington, NC

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- Plume
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

Source: © 2021 ESRI StreetMap Premium

© ERIS Information Inc.



Map: 0.25 Mile Radius

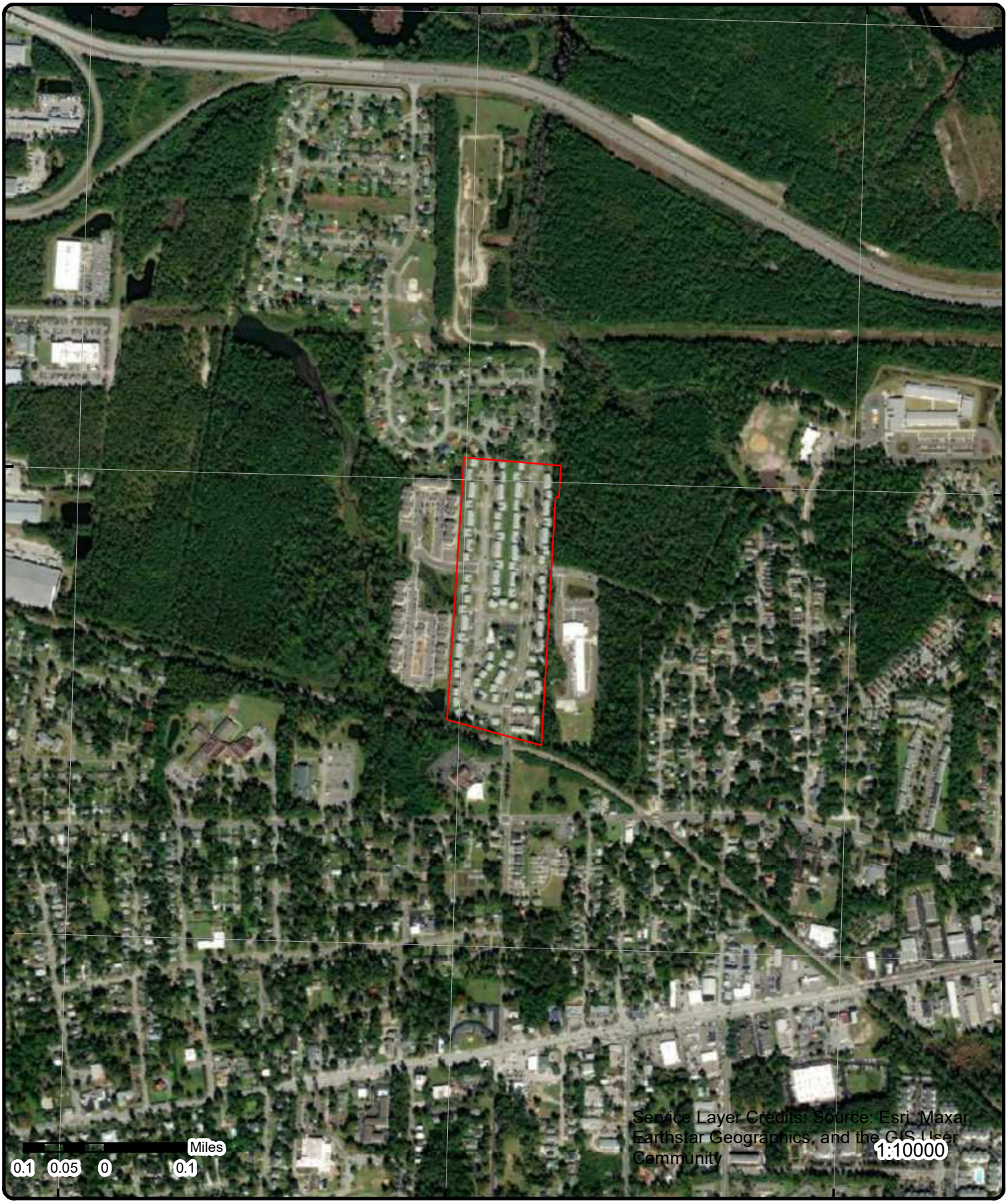
Order Number: 23040400848

Address: 714 Emory Street, Wilmington, NC

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- Plume
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

Source: © 2021 ESRI StreetMap Premium

© ERIS Information Inc.



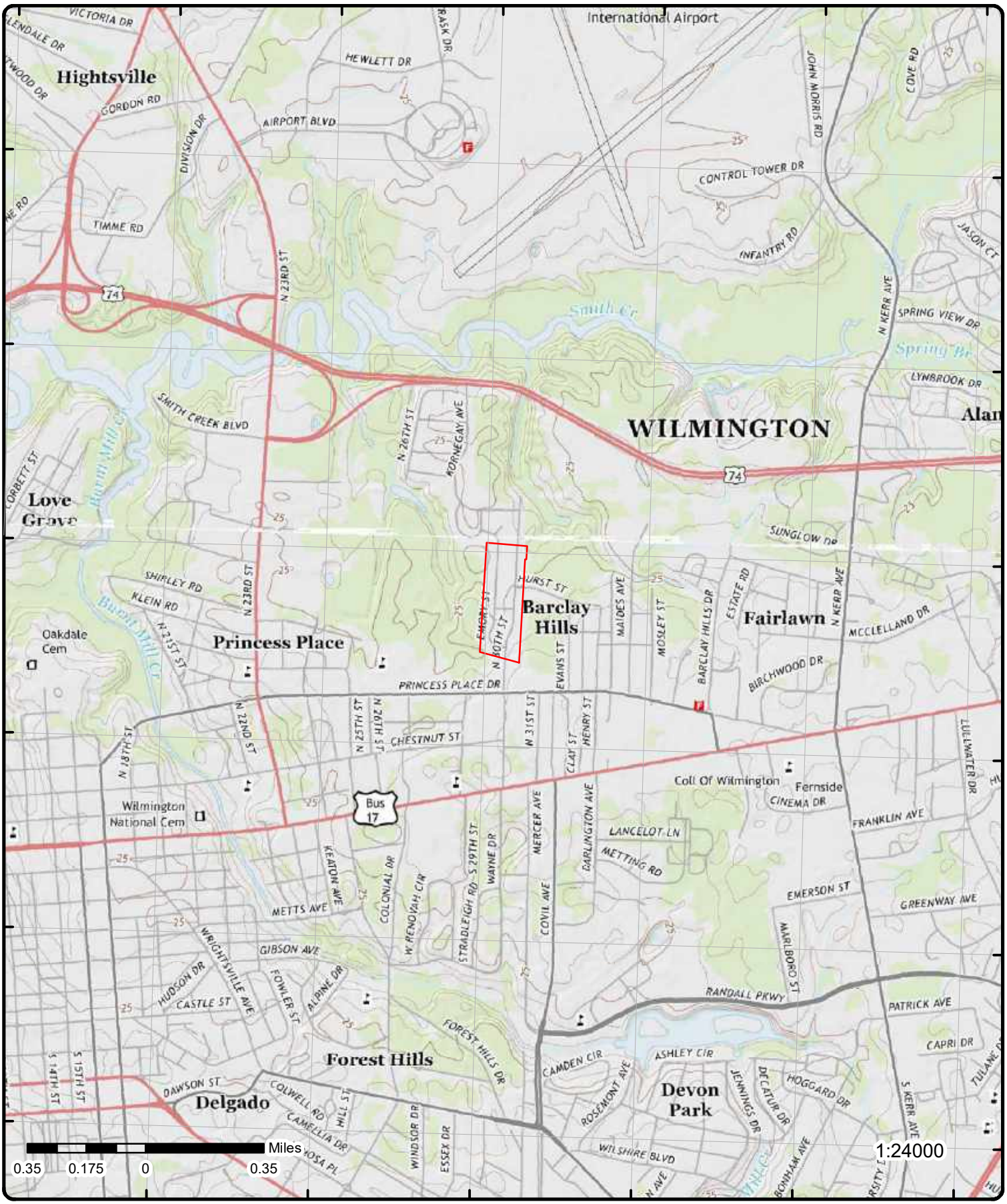
Aerial **Year: 2021**

Order Number: 23040400848

Address: 714 Emory Street, Wilmington, NC

Source: ESRI World Imagery

© ERIS Information Inc.



Topographic Map

Year: 2013

Order Number: 23040400848

Address: 714 Emory Street, NC

Quadrangle(s): Castle Hayne, NC; Wrightsville Beach, NC; Wilmington, NC; Scotts Hill, NC

© ERIS Information Inc.

Source: USGS Topographic Map

Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	1 of 1	NE	0.00 / 0.00	25.08 / 0	Northside WWTP 902 N. 30th Street NC	SPILLS

Incident No: 19996184
Latitude:
Longitude:
Region: Wilmington
County: New Hanover

Incident Details

Permit No: NC0023965
Incident Type: SSO
Start Date: 1/22/1999
Extract Date:
Five Day Start Dt:
Owner: Cape Fear Public Utility Authority
Owner Organztn Nm:
Waterbody Name:
Force Main Length Miles:
Gravity Sewer Length Miles:
Permitted Flow Qty Gpd:
Pressure Sewer Length Miles:
Category:
Year: 2021
Est Total Vol: 40
Est Surface Wtr Vol: 40
Cur Classification:
Duration (Minutes): 20
User Last Updated:

2	1 of 1	N	0.00 / 0.00	22.62 / -3	Northside WWTP 1009 N. 30th St. NC	SPILLS

Incident No: 19996812
Latitude:
Longitude:
Region: Wilmington
County: New Hanover

Incident Details

Permit No: NC0023965
Incident Type: SSO
Start Date: 3/10/1999
Extract Date:
Five Day Start Dt:
Owner: Cape Fear Public Utility Authority
Owner Organztn Nm:
Waterbody Name:
Force Main Length Miles:
Gravity Sewer Length Miles:
Permitted Flow Qty Gpd:
Pressure Sewer Length Miles:
Category:
Year: 2021
Est Total Vol: 100
Est Surface Wtr Vol: 100
Cur Classification:
Duration (Minutes): 60
User Last Updated:

3	1 of 3	E	0.01 / 51.10	27.31 / 2	CITY OF WILMINGTON POLICE DEPARTMENT 3100 HURST STREET WILMINGTON NC 28405	RCRA VSQG

EPA Handler ID: NCR000173583
Gen Status Universe: VSG

Contact Name:	LACY V LOCKLEAR
Contact Address:	3100 , HURST STREET , , WILMINGTON , NC, 28405 , US
Contact Phone No and Ext:	910-341-0177
Contact Email:	LV.LOCKLEAR@WILMINGTONNC.GOV
Contact Country:	US
County Name:	NEW HANOVER
EPA Region:	04
Land Type:	Municipal
Receive Date:	20201120
Location Latitude:	34.247944
Location Longitude:	-77.904457

Violation/Evaluation Summary

Note:	NO VIOLATIONS: All of the compliance records associated with this facility (EPA ID) indicate NO VIOLATIONS; Compliance Monitoring and Enforcement table dated Jan, 2023.

Evaluation Details

Evaluation Start Date:	20210129
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Return to Compliance Date:	
Evaluation Agency:	State

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20190926
Handler Name:	CITY OF WILMINGTON POLICE DEPARTMENT
Federal Waste Generator Code:	3
Generator Code Description:	Very Small Quantity Generator
Source Type:	Notification

Waste Code Details

Hazardous Waste Code:	D008
Waste Code Description:	LEAD

Hazardous Waste Handler Details

Sequence No:	3
Receive Date:	20201120
Handler Name:	CITY OF WILMINGTON POLICE DEPARTMENT

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D005
Waste Code Description: BARIUM

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20190927
Handler Name: CITY OF WILMINGTON POLICE DEPARTMENT
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D005
Waste Code Description: BARIUM

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Municipal
Name: CITY OF WILMINGTON
Date Became Current: 20190926
Date Ended Current:
Phone:
Source Type: Notification
Street No: 102
Street 1: N 3RD STREET
Street 2:
City: WILMINGTON
State: NC
Country: US
Zip Code: 28401

Owner/Operator Ind: Current Operator
Type: Municipal
Name: CITY OF WILMINGTON
Date Became Current: 20190926
Date Ended Current:
Phone:
Source Type: Notification
Street No: 102
Street 1: N 3RD STREET
Street 2:
City: WILMINGTON
State: NC
Country: US
Zip Code: 28401

Historical Handler Details

Receive Dt: 20190926
Generator Code Description: Very Small Quantity Generator
Handler Name: CITY OF WILMINGTON POLICE DEPARTMENT

Receive Dt: 20190927
Generator Code Description: Very Small Quantity Generator
Handler Name: CITY OF WILMINGTON POLICE DEPARTMENT

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
3	2 of 3	E	0.01 / 51.10	27.31 / 2	CITY OF WILMINGTON POLICE DEPARTMENT 3100 HURST STREET WILMINGTON NC 28405	RCRA TSD

EPA Handler ID: NCR000173583
Gen Status Universe: VSG
Contact Name: LACY V LOCKLEAR
Contact Address: 3100 , HURST STREET , , WILMINGTON , NC, 28405 , US
Contact Phone No and Ext: 910-341-0177
Contact Email: LV.LOCKLEAR@WILMINGTONNC.GOV

Contact Country:	US
Land Type:	Municipal
County Name:	NEW HANOVER
EPA Region:	04
Receive Date:	20201120
Location Latitude:	34.247944
Location Longitude:	-77.904457

Violation/Evaluation Summary

Note:	NO VIOLATIONS: All of the compliance records associated with this facility (EPA ID) indicate NO VIOLATIONS; Compliance Monitoring and Enforcement table dated Jan, 2023.

Evaluation Details

Evaluation Start Date:	20210129
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	
Return to Compliance Date:	
Evaluation Agency:	State

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Smelting, Melting and Refining:	No
Underground Injection Control:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20190926
Handler Name:	CITY OF WILMINGTON POLICE DEPARTMENT
Federal Waste Generator Code:	3
Generator Code Description:	Very Small Quantity Generator
Source Type:	Notification

Waste Code Details

Hazardous Waste Code:	D008
Waste Code Description:	LEAD

Hazardous Waste Handler Details

Sequence No:	2
Receive Date:	20190927
Handler Name:	CITY OF WILMINGTON POLICE DEPARTMENT
Federal Waste Generator Code:	3
Generator Code Description:	Very Small Quantity Generator
Source Type:	Notification

Waste Code Details

Hazardous Waste Code: D005
Waste Code Description: BARIUM

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20201120
Handler Name: CITY OF WILMINGTON POLICE DEPARTMENT
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D005
Waste Code Description: BARIUM

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Municipal
Name: CITY OF WILMINGTON
Date Became Current: 20190926
Date Ended Current:
Phone:
Source Type: Notification
Street No: 102
Street 1: N 3RD STREET
Street 2:
City: WILMINGTON
State: NC
Country: US
Zip Code: 28401

Owner/Operator Ind: Current Operator
Type: Municipal
Name: CITY OF WILMINGTON
Date Became Current: 20190926
Date Ended Current:
Phone:
Source Type: Notification
Street No: 102
Street 1: N 3RD STREET
Street 2:
City: WILMINGTON
State: NC
Country: US
Zip Code: 28401

Historical Handler Details

Receive Dt: 20190927
Generator Code Description: Very Small Quantity Generator
Handler Name: CITY OF WILMINGTON POLICE DEPARTMENT

Receive Dt: 20190926
Generator Code Description: Very Small Quantity Generator
Handler Name: CITY OF WILMINGTON POLICE DEPARTMENT

3	***3 of 3***	***E***	***0.01 / 51.10***	***27.31 / 2***	***CITY OF WILMINGTON POLICE DEPARTMENT 3100 HURST STREET WILMINGTON NC 28405***	***FINDS/FRS***

Registry ID: 110070665028
FIPS Code: 37129
HUC Code: 03030007
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 26-NOV-19
Update Date:
Interest Types: OTHER HAZARDOUS WASTE ACTIVITIES
SIC Codes:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor: FRS-GEOCODE
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No: 07
Census Block Code: 371290103004014
EPA Region Code: 04
County Name: NEW HANOVER
US/Mexico Border Ind:
Latitude: 34.24815
Longitude: -77.9051
Reference Point: CENTER OF A FACILITY OR STATION
Coord Collection Method: ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value: 30
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110070665028
Data Source: Facility Registry Service - Single File
Program Acronyms:

RCRAINFO:NCR000173583

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
4	1 of 1	N	0.07 / 377.03	21.83 / -3	POE RESIDENCE 317 WAYNE DRIVE WILMINGTON NC 28403	LUST

Incdnt No (DWM Map): 32162
Incident No: 32162
Fac ID (DWM Map):
Facility ID:
UST No (DWM Map): WI-2426
UST No: WI-2426
Curr Stat (DWM Map): Current Record
Current Status: C
Close Out(DWMMap):
Status Title: Current Record
Dt Occur (DWM Map): 2004/06/11 00:00:00+00
Close Out:
Incident (DWM Map): POE RESIDENCE
Date Occurred: 6/10/2004
Address (DWM Map): 317 WAYNE DRIVE
Contam Type: Groundwater/Both
County (DWM Map): NEW H
Cleanup: 6/10/2004
City (DWM Map): WILMINGTON
County: NEW H
Zip Code (DWM Map): 28403
Latitude: 34.251388
Latitude (DWM Map): 34.251388
Longitude: -77.9075
Long (DWM Map): -77.9075
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx
Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (RRA); RUST Incident Management Database (STATUS)

Incident Details

Release Code: 2
Samples Include:
Release Cause:
7.5 Min Quad:
Release Source: C
5 Min Quad:
Type: 4
Submitted Date: 11-Jun-2004 00:00:00
Location: 7
I Ownership: 4
Site Priority:
Owner Operator:
Priority Update:
Ownership: 4
Source Type: C
Ownership Desc: Private
ERR Type:
Operation Type: 3
Wells Affected Y/N:
Operation Desc: Residential
Wells Affected:
PIRF Min Soil:
Samples Taken By: Y
Description of Incident: Soil sample taken at closure confirmes release from Heating Oil UST. TPH DRO 80600 ppm.

Incident Report

Report Type: 20DAY
Request Date:
Received Date: 14-Jul-2004 00:00:00
Reviewed Date: 23-Jul-2004 00:00:00
PRT ID: 1086222
Report Type Description: 20 Day Report
Comment:
Approved Date: 23-Jul-2004 00:00:00
Implement Date:
Due Date:

34.46 ton of contaminated soil removed during closure. Soils are above residential mscc.

Report Type: LSA1
Request Date:
Received Date: 09-Dec-2004 00:00:00
Reviewed Date: 20-Dec-2004 00:00:00
PRT ID: 1086223
Report Type Description: Limited Site Assmt Phase 1
Comment:
Approved Date:
Implement Date:
Due Date: 25-Nov-2004 00:00:00

Free product found in MW-1 : 0.41feet (4.92 inches). Soils are above residential mscc.

Report Type: FPRI
Request Date:
Received Date: 02-Feb-2005 00:00:00
Reviewed Date: 03-Feb-2005 00:00:00
PRT ID: 1086515
Report Type Description: Free Product Recovery (Initial)
Comment:
Approved Date: 03-Feb-2005 00:00:00
Implement Date:
Due Date:

RRA

RRA Date: 03-Feb-2005 00:00:00
RRA Init: sak
RRA Risk: I
RRA ID: 42465
RRA Rank: 0156
RRA Abate: d

Incident Status

Last Modified:
Incident Phase: RE
Incid Phase Desc: Response
NOV Issued:
NORR Issued:
45 Day Report:
Public Meeting Held:
Corrective Act Plan:
SOC Signed:
Reclassification Rep:
RS Designation:
Closure Req Date:

UST Incidents

RO Code: WIL
CD No: 0
Date Reported: 2004/06/12 00:00:00+00
Land Use: RES
LUR Filed:
LUR Resc:
LUR State:
X: 2330158.99265563
Y: 184298.790061146
Comm: N
Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-2426%2A%22%7D
Object ID: 33033
Reg: N
Conf Risk: I
RRA Date: 2005/02/04 00:00:00+00
RRA Risk: I
RRA Rank Curr: 156
RRA Abate: d
Risk: I
RRA Rank: 0156
MGR: SAK

RUST Data

MGR:	SAK	***LUR Resc:***	
RO Code:	WIL	***LUR State:***	
Date Reported:	2004/06/12 00:00:00+00	***SL MGR:***	
Date Reported FY:	2004	***SL Cleanup Strt Dt:***	
Date Occured FY:	2004	***SL Cleanup End Dt:***	
Comm:	N	***SL Site Stat:***	
Reg:	N	***SL Ftfrecdte:***	
Perccomfndelig:	0	***CD NO:***	0
TOT Paid:	17718.62	***RRA Date:***	2005/02/04 00:00:00+00
Conf Risk:	I	***RRA Risk:***	I
Risk:	I	***RRA Rank Curr:***	156
Landuse:	RES	***RRA Abate:***	d
Inc Stat:	Open	***RRA Rank:***	0156
Closeout FY:		***X:***	2330158.99278904
LUR Filed:		***Y:***	184298.790121558

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-2426%2A%22%7D

Comment: Closure soil sample TPH DRO 80600 ppm. 0.41 feet (4.92 inches) of Free Product found in MW-1., ta for afvr signed 12.10.04, site has soil >res (c9-c22) in center sample obtained at 18' bls., afvr done and had no f.p. at end of event, however, there has **Note: Many records provided by the department have a truncated [Comment] field.

LUST Database

MGR:	SAK	***Contact:***	VIRGINIA POE
Regional Office Cd:	WIL	***Telephone:***	9107620382
Date Reported:	6/11/2004	***RP Address:***	317 WAYNE DRIVE
Release Code:	0	***RP City:***	WILMINGTON
Release Code Desc:		***RP State:***	NC
Source:	3	***RP Zip Code:***	28403
Source Desc:	LEAK, UST	***RP County:***	
Site Priority:		***RP Email:***	
Pollutant Type:	4	***RP Email1:***	
Pollutant Desc:	HEATING OIL	***RP Owner:***	TRUE
Petroleum Type:	P	***RP Operator:***	TRUE
Petrol Type Desc:	PETROLEUM	***RP Land Owner:***	TRUE
COMM:	N	***Lur Status:***	
COMM Desc:	NON COMMERCIAL	***LUR Filed:***	
Regulated Code:	N	***LUR Resc:***	
Reg Code Desc:	NON REGULATED	***LUR State:***	
Notice Rg Rq Issd:		***GPS Conf:***	99
Notice Violtn Issd:		***RBCA GW:***	
Contamination:	GW	***RBCA GW Desc:***	
Cleanup:	6/10/2004	***RBCA:***	S2
Conf Risk:	I	***RBCA Desc:***	Industrial/Commercial
Risk:	I	***CD No:***	0
Land Use:	RES	***Reel No:***	0
Land Use Desc:	Residential	***ERR CD:***	
Phase Reqrd:	1	***Valid:***	FALSE
Intrmdt Cndition:	F	***Cat Code:***	
Corr Act Plan Cd:		***HCS Res:***	
CAP Desc:		***Reliability:***	
Clos Reqsd:		***Supply Well:***	0
MTBE:	0	***New Source:***	
MTBE 1:	U	***Book:***	
RP Company:		***Page:***	
HCS Ref:			
Comment:			

Closure soil sample TPH DRO 80600 ppm. 0.41 feet (4.92 inches) of Free Product found in MW-1., ta for afvr signed 12.10.04, site has soil >res (c9-c22) in center sample obtained at 18' bls., afvr done and had no f.p. at end of event, however, there has not been any other measurements taken to verify, mw has not been samples **Note: Many records provided by the department have a truncated [Comment] field.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
5	1 of 1	S	0.10 / 526.05	34.70 / 9	CFPUA Collection System Manhole at Princess Place & 30th Street NC	SPILLS

Incident No: 200604208
Latitude:
Longitude:
Region: Wilmington
County: New Hanover

Incident Details

Permit No: WQCS00012
Incident Type: SSO
Start Date: 11/29/2006
Extract Date:
Five Day Start Dt:
Owner: Cape Fear Public Utility Authority
Owner Organztn Nm:
Waterbody Name:
Force Main Length Miles: 25
Gravity Sewer Length Miles: 370
Permitted Flow Qty Gpd: 16000000
Pressure Sewer Length Miles: 0
Category: Incident
Year: 2021
Est Total Vol: 450
Est Surface Wtr Vol:
Cur Classification:
Duration (Minutes): 20
User Last Updated:

Incident Details

Permit No: WQCS00012
Incident Type: SSO
Start Date: 11/29/2006
Extract Date:
Five Day Start Dt:
Owner: Cape Fear Public Utility Authority
Owner Organztn Nm:
Waterbody Name:
Force Main Length Miles: 25
Gravity Sewer Length Miles: 370
Permitted Flow Qty Gpd: 16000000
Pressure Sewer Length Miles: 0
Category: SSO 5 day
Year: 2021
Est Total Vol: 450
Est Surface Wtr Vol: 400
Cur Classification:
Duration (Minutes): 20
User Last Updated:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	1 of 1	SSE	0.11 / 584.10	37.38 / 12	WALLACE, H.C. PROPERTY 2714 PRINCESS PLACE DRIVE WILMINGTON NC 28405	LUST

Incdnt No (DWM Map): 22022
Fac ID (DWM Map):
UST No (DWM Map): WI-1861
Curr Stat (DWM Map): Archived
Close Out(DWMMap): 2001/03/24 00:00:00+00
Dt Occur (DWM Map): 2000/04/21 00:00:00+00
Incident (DWM Map): WALLACE, H.C. PROPERTY
Address (DWM Map): 2714 PRINCESS PLACE DRIVE
County (DWM Map): NEW H
City (DWM Map): WILMINGTON
Zip Code (DWM Map): 28405
Latitude (DWM Map): 34.2439775
Long (DWM Map): -77.905425
Incident No: 22022
Facility ID:
UST No: WI-1861
Current Status: A
Status Title: Archived
Close Out: 3/23/2001
Date Occurred: 4/20/2000
Contam Type: Soil
Cleanup: 7/17/2000
County: NEW H
Latitude: 34.2439775
Longitude: -77.905425
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx
Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (STATUS)

Incident Details

Release Code:		***Samples Include:***	2
Release Cause:		***7.5 Min Quad:***	
Release Source:		***5 Min Quad:***	
Type:	4	***Submitted Date:***	18-Jul-2000 00:00:00
Location:	7	***I Ownership:***	4
Site Priority:		***Owner Operator:***	MRS. EDITH WALLACE
Priority Update:	03-Aug-2000 00:00:00	***Ownership:***	4
Source Type:		***Ownership Desc:***	Private
ERR Type:	P	***Operation Type:***	3
Wells Affected Y/N:		***Operation Desc:***	Residential
Wells Affected:		***PIRF Min Soil:***	MIN_SOIL
Samples Taken By:	3		

Description of Incident: CONTAM DISCOVERED DURING CLOSURE OF HEATING OIL UST

Incident Report

Report Type:	LSA	***Approved Date:***	
Request Date:		***Implement Date:***	
Received Date:	24-Jan-2001 00:00:00	***Due Date:***	18-Nov-2000 00:00:00
Reviewed Date:	22-Mar-2001 00:00:00		
PRT ID:	1085967		
Report Type Description:			
Comment:			

Incident Status

Last Modified:	17-Apr-2001 00:00:00	***Public Meeting Held:***	
Incident Phase:	CO	***Corrective Act Plan:***	
Incid Phase Desc:	Close Out	***SOC Signed:***	
NOV Issued:		***Reclassification Rep:***	
NORR Issued:		***RS Designation:***	
45 Day Report:		***Closure Req Date:***	

UST Incidents

RO Code:	WIL	***Reg:***	N
CD No:	161	***Conf Risk:***	L
Date Reported:	2000/07/18 00:00:00+00	***RRA Date:***	
Land Use:	RES	***RRA Risk:***	
LUR Filed:		***RRA Rank Curr:***	0
LUR Resc:		***RRA Abate:***	
LUR State:		***Risk:***	L
X:	2330815.77841556	***RRA Rank:***	
Y:	181608.8731969	***MGR:***	DTM
Comm:	N		

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-1861%2A%22%7D

Object ID: 24800

RUST Data

MGR:	DTM	***LUR Resc:***	
RO Code:	WIL	***LUR State:***	
Date Reported:	2000/07/18 00:00:00+00	***SL MGR:***	
Date Reported FY:	2000	***SL Cleanup Strt Dt:***	
Date Occured FY:	2000	***SL Cleanup End Dt:***	
Comm:	N	***SL Site Stat:***	
Reg:	N	***SL Ftfrecdte:***	
Perccomfndelig:	0	***CD NO:***	161
TOT Paid:	12023.05	***RRA Date:***	
Conf Risk:	L	***RRA Risk:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Risk:	L	**RRA Rank Curr:**	0
Landuse:	RES	**RRA Abate:**	
Inc Stat:	Closed	**RRA Rank:**	
Closeout FY:	2001	**X:**	2330815.77826868
LUR Filed:		**Y:**	181608.873141969
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-1861%2A%22%7D		
Comment:			

LUST Database

MGR:	DTM	**Contact:**	EDITH WALLACE
Regional Office Cd:	WIL	**Telephone:**	9107635411
Date Reported:	7/17/2000	**RP Address:**	2714 PRINCESS PLACE DRIVE
Release Code:	0	**RP City:**	WILMINGTON
Release Code Desc:		**RP State:**	NC
Source:	3	**RP Zip Code:**	28405
Source Desc:	LEAK, UST	**RP County:**	NEW HANOVER
Site Priority:		**RP Email:**	
Pollutant Type:	4	**RP Email1:**	
Pollutant Desc:	HEATING OIL	**RP Owner:**	FALSE
Petroleum Type:	P	**RP Operator:**	FALSE
Petrol Type Desc:	PETROLEUM	**RP Land Owner:**	FALSE
COMM:	N	**Lur Status:**	
COMM Desc:	NON COMMERCIAL	**LUR Filed:**	
Regulated Code:	N	**LUR Resc:**	
Reg Code Desc:	NON REGULATED	**LUR State:**	
Notice Rg Rq Issd:	7/18/2000	**GPS Conf:**	51
Notice Violtn Issd:		**RBCA GW:**	
Contamination:	SL	**RBCA GW Desc:**	
Cleanup:	7/17/2000	**RBCA:**	S1
Conf Risk:	L	**RBCA Desc:**	Residential
Risk:	L	**CD No:**	161
Land Use:	RES	**Reel No:**	3911
Land Use Desc:	Residential	**ERR CD:**	
Phase Reqrd:		**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:	0	**New Source:**	
MTBE 1:	U	**Book:**	
RP Company:		**Page:**	
HCS Ref:	TAMU Geocoded		
Comment:			

7	*1 of 2*	*S*	*0.11 / 596.58*	*35.66 / 10*	***CREEKWOOD MINI MART 3002 PRINCESS PLACE WILMINGTON NC 284053146***	***LUST***

Incdnt No (DWM Map):	18694	**Incident No:**	18694
Fac ID (DWM Map):	00-0-0000020307	**Facility ID:**	00-0-0000020307
UST No (DWM Map):	WI-1573	**UST No:**	WI-1573
Curr Stat (DWM Map):	Current Record	**Current Status:**	C
Close Out(DWMMap):	2010/04/14 00:00:00+00	**Status Title:**	Current Record
Dt Occur (DWM Map):	1996/05/30 00:00:00+00	**Close Out:**	4/13/2010
Incident (DWM Map):	CREEKWOOD MINI MART	**Date Occurred:**	5/29/1996
Address (DWM Map):	3002 PRINCESS PLACE	**Contam Type:**	Groundwater/Both
County (DWM Map):	NEW H	**Cleanup:**	5/29/1996
City (DWM Map):	WILMINGTON	**County:**	NEW H
Zip Code (DWM Map):	284053146	**Latitude:**	34.243888
Latitude (DWM Map):	34.243888	**Longitude:**	-77.91
Long (DWM Map):	-77.91		
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		

Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (PIRF); RUST Incident Management Database (RRA); RUST Incident Management Database (STATUS)

Incident Details

Release Code:		**Samples Include:**	
Release Cause:		**7.5 Min Quad:**	
Release Source:		**5 Min Quad:**	
Type:	3	**Submitted Date:**	24-Jun-1998 00:00:00
Location:	1	**I Ownership:**	4
Site Priority:		**Owner Operator:**	UNKNOWN
Priority Update:	25-Jun-1998 00:00:00	**Ownership:**	4
Source Type:		**Ownership Desc:**	Private
ERR Type:		**Operation Type:**	6
Wells Affected Y/N:		**Operation Desc:**	Commercial
Wells Affected:		**PIRF Min Soil:**	Min_Soil
Samples Taken By:			

Description of Incident: ODORS FROM ABANDONED USTS NOTICED IN SOILS AND VAPORS DETECTED ON HNU METER; FURTHER INVEST. NEEDED; USTS REMAIN AND MAY CONTAIN GAS/WATER MIX

RRA

RRA Date:	10-Jan-2005 00:00:00	**RRA Rank:**	0160
RRA Init:	stf	**RRA Abate:**	A
RRA Risk:	I		
RRA ID:	42862		

Incident Status

Last Modified:	13-Apr-2010 00:00:00	**Public Meeting Held:**	
Incident Phase:	CO	**Corrective Act Plan:**	
Incid Phase Desc:	Close Out	**SOC Signed:**	
NOV Issued:		**Reclassification Rep:**	
NORR Issued:		**RS Designation:**	
45 Day Report:		**Closure Req Date:**	

UST Incidents

RO Code:	WIL	**Reg:**	R
CD No:	0	**Conf Risk:**	L
Date Reported:	1996/05/30 00:00:00+00	**RRA Date:**	2005/01/11 00:00:00+00
Land Use:	RES	**RRA Risk:**	I
LUR Filed:		**RRA Rank Curr:**	160
LUR Resc:		**RRA Abate:**	A
LUR State:		**Risk:**	L
X:	2329433.48262373	**RRA Rank:**	0160
Y:	181561.088187471	**MGR:**	STF
Comm:	C		

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-1573%2A%22%7D

Object ID: 22265

RUST Data

MGR:	STF	**LUR Resc:**	
RO Code:	WIL	**LUR State:**	
Date Reported:	1996/05/30 00:00:00+00	**SL MGR:**	NCF
Date Reported FY:	1996	**SL Cleanup Strt Dt:**	1998/08/21 00:00:00+00
Date Occured FY:	1996	**SL Cleanup End Dt:**	2010/04/13 00:00:00+00
Comm:	C	**SL Site Stat:**	Closed
Reg:	R	**SL Ftfrecdte:**	1998/08/21 00:00:00+00
Perccomfndelig:		**CD NO:**	0

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

TOT Paid:		**RRA Date:**	2005/01/11 00:00:00+00
Conf Risk:	L	**RRA Risk:**	I
Risk:	L	**RRA Rank Curr:**	160
Landuse:	RES	**RRA Abate:**	A
Inc Stat:	Closed	**RRA Rank:**	0160
Closeout FY:	2010	**X:**	2329433.48276529
LUR Filed:		**Y:**	181561.088147135

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-1573%2A%22%7D

Comment: STATE LEAD SITE ; Four tanks scheduled for closure on 1-2-06 (UST-3) by Peter Grear / ATC Associates., Sent to CO on xx-xx-xxxx **Note: Many records provided by the department have a truncated [Comment] field.

LUST Database

MGR:	STF	**Contact:**	N/A
Regional Office Cd:	WIL	**Telephone:**	
Date Reported:	5/29/1996	**RP Address:**	N/A
Release Code:	0	**RP City:**	N/A
Release Code Desc:		**RP State:**	NA
Source:	3	**RP Zip Code:**	
Source Desc:	LEAK, UST	**RP County:**	
Site Priority:		**RP Email:**	
Pollutant Type:	3	**RP Email1:**	
Pollutant Desc:	GASOLINE/DIESEL/KEROSENE	**RP Owner:**	FALSE
Petroleum Type:	P	**RP Operator:**	FALSE
Petrol Type Desc:	PETROLEUM	**RP Land Owner:**	FALSE
COMM:	C	**Lur Status:**	
COMM Desc:	COMMERCIAL	**LUR Filed:**	
Regulated Code:	R	**LUR Resc:**	
Reg Code Desc:	REGULATED	**LUR State:**	
Notice Rg Rq Issd:		**GPS Conf:**	69
Notice Violtn Issd:		**RBCA GW:**	
Contamination:	GW	**RBCA GW Desc:**	
Cleanup:	5/29/1996	**RBCA:**	S1
Conf Risk:	L	**RBCA Desc:**	Residential
Risk:	L	**CD No:**	0
Land Use:	RES	**Reel No:**	0
Land Use Desc:	Residential	**ERR CD:**	
Phase Reqrd:		**Valid:**	FALSE
Intrmdt Cndition:	C	**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:		**New Source:**	
MTBE 1:	U	**Book:**	
RP Company:	N/A	**Page:**	
HCS Ref:	Converted DMS		
Comment:			

STATE LEAD SITE ; Four tanks scheduled for closure on 1-2-06 (UST-3) by Peter Grear / ATC Associates., Sent to CO on xx-xx-xxxx **Note: Many records provided by the department have a truncated [Comment] field.

7	2 of 2	S	0.11 / 596.58	35.66 / 10	***CREEKWOOD MINIT MART*** ***3002 PRINCESS PLACE DRIVE*** ***WILMINGTON NC 28405***	***UST***

Facility ID:	00-0-0000020307	**Fac City (Map):**	
No Reg Tanks:		**Fac Zip (Map):**	
No Non-Reg Tanks:		**X (Map):**	
Non-Reg/Com Tanks:		**Y (Map):**	
Fac Owner Type:		**Latitude (Map):**	
City (Report):	WILMINGTON	**Longitude (Map):**	
State (Report):	NC	**City (PST):**	
Zip (Report):	28405	**Latitude (PST):**	
County (Report):		**Longitude (PST):**	
Latitude (Report):	34.2439	**Contact City:**	WILMINGTON

Longitude (Report):	-77.9072	**Contact State:**	NC
Fac Phone (Map) :		**Contact Zip:**	28402-2279
Fac Name (Report):	CREEKWOOD MINIT MART		
Address1 (Report):	3002 PRINCESS PLACE DRIVE		
Address2 (Report):			
Fac Name (Map):			
Fac Address (Map):			
Facility Name (PST):			
Address (PST):			
Contact:	PETER GREAR DBA THE CHALLENGER		
Contact Address 1:	PO BOX 2279		
Contact Address 2:			
Data Source:	North Carolina Environmental Quality - UST Databases and Reports		
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		

Tank Info (UST Databases and Reports)

Tank ID:	1	**Regulated:**	1
Tank Status:	Removed	**Product:**	Gasoline, Gas Mix
Compartment Tank:	NO	**OvrfllProtection:**	Unknown
Manifold Tank:	NO	**Leak Detection:**	
Main Tank:	NO	**Spill Protection:**	Unknown
Root Tank ID:		**Piping Constr:**	Single Wall Steel
Tank Cert No:		**Tank Constr:**	
Cert No:		**Piping System:**	Unknown
Installation Date:	1970/05/10 00:00:00	**FIPS County Desc:**	New Hanover
Perm Close Date:	2006/01/05 00:00:00	**FR Amt:**	
Capacity:	4000	**FR Desc:**	
Commercial:	1	**Last Update Date:**	4/26/1996 0:00:00
FR Bus Name:			
Other CP Tank:			
Other CP Name:			
Leak Detection Key:			
Overfill Protection Key:			
Piping Constr Key:			
Piping System Key:			
Product Key:			
Spill Protection Key:			
Tank Constr Key:			
Tank Status Key:	0		
Tank Constr Key Desc:			

Tank Info (UST Databases and Reports)

Tank ID:	4	**Regulated:**	1
Tank Status:	Removed	**Product:**	Gasoline, Gas Mix
Compartment Tank:	NO	**OvrfllProtection:**	Unknown
Manifold Tank:	NO	**Leak Detection:**	
Main Tank:	NO	**Spill Protection:**	Unknown
Root Tank ID:		**Piping Constr:**	Single Wall Steel
Tank Cert No:		**Tank Constr:**	
Cert No:		**Piping System:**	Unknown
Installation Date:	1970/05/10 00:00:00	**FIPS County Desc:**	New Hanover
Perm Close Date:	2006/01/05 00:00:00	**FR Amt:**	
Capacity:	4000	**FR Desc:**	
Commercial:	1	**Last Update Date:**	4/26/1996 0:00:00
FR Bus Name:			
Other CP Tank:			
Other CP Name:			
Leak Detection Key:			
Overfill Protection Key:			
Piping Constr Key:			
Piping System Key:			
Product Key:			
Spill Protection Key:			
Tank Constr Key:			

Tank Status Key: 0
Tank Constr Key Desc:

Tank Info (UST Databases and Reports)

Tank ID:	2	**Regulated:**	1
Tank Status:	Removed	**Product:**	Gasoline, Gas Mix
Compartment Tank:	NO	**OvrfllProtection:**	Unknown
Manifold Tank:	NO	**Leak Detection:**	
Main Tank:	NO	**Spill Protection:**	Unknown
Root Tank ID:		**Piping Constr:**	Single Wall Steel
Tank Cert No:		**Tank Constr:**	
Cert No:		**Piping System:**	Unknown
Installation Date:	1970/05/10 00:00:00	**FIPS County Desc:**	New Hanover
Perm Close Date:	2006/01/05 00:00:00	**FR Amt:**	
Capacity:	4000	**FR Desc:**	
Commercial:	1	**Last Update Date:**	4/26/1996 0:00:00
FR Bus Name:			
Other CP Tank:			
Other CP Name:			
Leak Detection Key:			
Overfill Protection Key:			
Piping Constr Key:			
Piping System Key:			
Product Key:			
Spill Protection Key:			
Tank Constr Key:			
Tank Status Key:	0		
Tank Constr Key Desc:			

Tank Info (UST Databases and Reports)

Tank ID:	3	**Regulated:**	1
Tank Status:	Removed	**Product:**	Gasoline, Gas Mix
Compartment Tank:	NO	**OvrfllProtection:**	Unknown
Manifold Tank:	NO	**Leak Detection:**	
Main Tank:	NO	**Spill Protection:**	Unknown
Root Tank ID:		**Piping Constr:**	Single Wall Steel
Tank Cert No:		**Tank Constr:**	
Cert No:		**Piping System:**	Unknown
Installation Date:	1970/05/10 00:00:00	**FIPS County Desc:**	New Hanover
Perm Close Date:	2006/01/05 00:00:00	**FR Amt:**	
Capacity:	4000	**FR Desc:**	
Commercial:	1	**Last Update Date:**	4/26/1996 0:00:00
FR Bus Name:			
Other CP Tank:			
Other CP Name:			
Leak Detection Key:			
Overfill Protection Key:			
Piping Constr Key:			
Piping System Key:			
Product Key:			
Spill Protection Key:			
Tank Constr Key:			
Tank Status Key:	0		
Tank Constr Key Desc:			

Owner Information

Contact Key:	55095.00	**Phone:**	(919) XXX-XXXX
Facility Key:	101451	**Affiliate Type:**	Owner
FIPS County Desc:	New Hanover	**End Date:**	

8	1 of 3	SSW	0.12 /	28.20 /	CFPUA Collection System	SPILLS

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
			621.87	3	Shallow Manhole at 2819 Princess Place Dr NC	

Incident No: 200702706
Latitude:
Longitude:
Region: Wilmington
County: New Hanover

Incident Details

Permit No: WQCS00012
Incident Type: SSO
Start Date: 9/3/2007
Extract Date:
Five Day Start Dt:
Owner: Cape Fear Public Utility Authority
Owner Organztn Nm:
Waterbody Name: Smith Creek
Force Main Length Miles: 25
Gravity Sewer Length Miles: 370
Permitted Flow Qty Gpd: 16000000
Pressure Sewer Length Miles: 0
Category: Incident
Year: 2021
Est Total Vol: 150
Est Surface Wtr Vol: 150
Cur Classification: C;Sw
Duration (Minutes): 78
User Last Updated:

Incident Details

Permit No: WQCS00012
Incident Type: SSO
Start Date: 9/3/2007
Extract Date:
Five Day Start Dt:
Owner: Cape Fear Public Utility Authority
Owner Organztn Nm:
Waterbody Name: Smith Creek
Force Main Length Miles: 25
Gravity Sewer Length Miles: 370
Permitted Flow Qty Gpd: 16000000
Pressure Sewer Length Miles: 0
Category: SSO 5 day
Year: 2021
Est Total Vol: 150
Est Surface Wtr Vol: 150
Cur Classification: C;Sw
Duration (Minutes): 78
User Last Updated:

Enforcement Details

Enforcement No: NOV-2007-DV-0264
Enforcement Year: 2007
Nov Sent Date: 11/1/2007
Penalty Assessed Dt:
County Name: New Hanover
Waterbody Name: Smith Creek
Admin Region Name: Wilmington
Est Total Vol: 150
Est Surface Wtr Vol: 150
Wtrbody Cur Classns: C;Sw

8	2 of 3	SSW	0.12 / 621.87	28.20 / 3	CFPUA Collection System manhole located in front of 2819 Princess Place Drive NC	SPILLS

Incident No: 201200568
Latitude:
Longitude:
Region: Wilmington
County: New Hanover

Incident Details

Permit No: WQCS00012
Incident Type: SSO
Start Date: 3/25/2012
Extract Date:
Year: 2021
Est Total Vol: 300
Est Surface Wtr Vol: 300
Cur Classification: C;Sw

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Five Day Start Dt: ***Duration (Minutes):*** 32
Owner: Cape Fear Public Utility Authority ***User Last Updated:***
Owner Organztn Nm:
Waterbody Name: CAPE FEAR RIVER
Force Main Length Miles: 109
Gravity Sewer Length Miles: 872
Permitted Flow Qty Gpd: 16000000
Pressure Sewer Length Miles: 0
Category: SSO 5 day

Incident Details

Permit No: WQCS00012 ***Year:*** 2021
Incident Type: SSO ***Est Total Vol:*** 300
Start Date: 3/25/2012 ***Est Surface Wtr Vol:*** 300
Extract Date: ***Cur Classification:*** C;Sw
Five Day Start Dt: ***Duration (Minutes):*** 32
Owner: Cape Fear Public Utility Authority ***User Last Updated:***
Owner Organztn Nm:
Waterbody Name: CAPE FEAR RIVER
Force Main Length Miles: 109
Gravity Sewer Length Miles: 872
Permitted Flow Qty Gpd: 16000000
Pressure Sewer Length Miles: 0
Category: Incident

---

8 | ***3 of 3*** | ***SSW*** | ***0.12 / 621.87*** | ***28.20 / 3*** | ***Northside WWTP 2819 Princess Place Dr. NC*** | ***SPILLS***

Incident No: 200012172 ***Region:*** Wilmington
Latitude: ***County:*** New Hanover
Longitude:

Incident Details

Permit No: NC0023965 ***Year:*** 2021
Incident Type: SSO ***Est Total Vol:*** 500
Start Date: 11/30/2000 ***Est Surface Wtr Vol:*** 500
Extract Date: ***Cur Classification:***
Five Day Start Dt: ***Duration (Minutes):*** 20
Owner: Cape Fear Public Utility Authority ***User Last Updated:***
Owner Organztn Nm:
Waterbody Name:
Force Main Length Miles:
Gravity Sewer Length Miles:
Permitted Flow Qty Gpd:
Pressure Sewer Length Miles:
Category:

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9 | ***1 of 1*** | ***S*** | ***0.12 / 623.06*** | ***33.51 / 8*** | ***CFPUA Collection System Manhole @ 2924 Princess Place Dr NC*** | ***SPILLS***

Incident No: 200700099 ***Region:*** Wilmington
Latitude: ***County:*** New Hanover
Longitude:

Incident Details

Permit No: WQCS00012 ***Year:*** 2021
Incident Type: SSO ***Est Total Vol:*** 150
Start Date: 1/2/2007 ***Est Surface Wtr Vol:*** 125
Extract Date: ***Cur Classification:*** C;Sw

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Five Day Start Dt:		**Duration (Minutes):**	45
Owner:	Cape Fear Public Utility Authority	**User Last Updated:**	
Owner Organztn Nm:			
Waterbody Name:	Burnt Mill Creek		
Force Main Length Miles:	25		
Gravity Sewer Length Miles:	370		
Permitted Flow Qty Gpd:	16000000		
Pressure Sewer Length Miles:	0		
Category:	Incident		

Incident Details

Permit No:	WQCS00012	**Year:**	2021
Incident Type:	SSO	**Est Total Vol:**	150
Start Date:	1/2/2007	**Est Surface Wtr Vol:**	125
Extract Date:		**Cur Classification:**	C;Sw
Five Day Start Dt:		**Duration (Minutes):**	45
Owner:	Cape Fear Public Utility Authority	**User Last Updated:**	
Owner Organztn Nm:			
Waterbody Name:	Burnt Mill Creek		
Force Main Length Miles:	25		
Gravity Sewer Length Miles:	370		
Permitted Flow Qty Gpd:	16000000		
Pressure Sewer Length Miles:	0		
Category:	SSO 5 day		

10	***1 of 1***	***SSW***	***0.18 / 964.76***	***27.42 / 2***	***Princess Place Dr - 2808*** ***2808 Princess Place Dr*** ***Wilmington NC 28405***	***LUST***

Incdnt No (DWM Map):	48772	**Incident No:**	48772
Fac ID (DWM Map):		**Facility ID:**	
UST No (DWM Map):	WI-29645	**UST No:**	WI-29645
Curr Stat (DWM Map):	Current Record	**Current Status:**	C
Close Out(DWMMap):		**Status Title:**	Current Record
Dt Occur (DWM Map):	2022/11/30 00:00:00+00	**Close Out:**	
Incident (DWM Map):	Princess Place Dr - 2808	**Date Occurred:**	11/29/2022
Address (DWM Map):	2808 Princess Place Dr	**Contam Type:**	Soil
County (DWM Map):	NEW H	**Cleanup:**	11/29/2022
City (DWM Map):	Wilmington	**County:**	NEW H
Zip Code (DWM Map):	28405	**Latitude:**	34.243474
Latitude (DWM Map):	34.243474	**Longitude:**	-77.910297
Long (DWM Map):	-77.910297		
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		
Data Source:	Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (PIRF); RUST Incident Management Database (STATUS)		

Incident Details

Release Code:	2	**Samples Include:**	
Release Cause:	7	**7.5 Min Quad:**	
Release Source:	A	**5 Min Quad:**	
Type:	4	**Submitted Date:**	
Location:	7	**I Ownership:**	
Site Priority:		**Owner Operator:**	
Priority Update:		**Ownership:**	4
Source Type:	2	**Ownership Desc:**	Private
ERR Type:		**Operation Type:**	3
Wells Affected Y/N:	N	**Operation Desc:**	Residential
Wells Affected:		**PIRF Min Soil:**	
Samples Taken By:	Y		
Description of Incident:			

Incident Status

Last Modified:	07-Feb-2023 00:00:00	***Public Meeting Held:***	
Incident Phase:	RE	***Corrective Act Plan:***	
Incid Phase Desc:	Response	***SOC Signed:***	
NOV Issued:		***Reclassification Rep:***	
NORR Issued:		***RS Designation:***	
45 Day Report:		***Closure Req Date:***	

UST Incidents

RO Code:	WIL	***Reg:***	N
CD No:		***Conf Risk:***	L
Date Reported:	2022/11/30 00:00:00+00	***RRA Date:***	
Land Use:		***RRA Risk:***	
LUR Filed:	2023/02/04 00:00:00+00	***RRA Rank Curr:***	0
LUR Resc:		***RRA Abate:***	
LUR State:	B	***Risk:***	L
X:	2329345.37748498	***RRA Rank:***	
Y:	181409.439868733	***MGR:***	LEP
Comm:	N		
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-29645%2A%22%7D		
Object ID:	44362		

RUST Data

MGR:	LEP	***LUR Resc:***	
RO Code:	WIL	***LUR State:***	B
Date Reported:	2022/11/30 00:00:00+00	***SL MGR:***	
Date Reported FY:	2023	***SL Cleanup Strt Dt:***	
Date Occured FY:	2023	***SL Cleanup End Dt:***	
Comm:	N	***SL Site Stat:***	
Reg:	N	***SL Ftfrecdte:***	
Perccomfndelig:		***CD NO:***	
TOT Paid:		***RRA Date:***	
Conf Risk:	L	***RRA Risk:***	
Risk:	L	***RRA Rank Curr:***	0
Landuse:		***RRA Abate:***	
Inc Stat:	Open	***RRA Rank:***	
Closeout FY:		***X:***	2329345.37743275
LUR Filed:	2023/02/04 00:00:00+00	***Y:***	181409.439879448
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-29645%2A%22%7D		
Comment:	NRP files on property soil and GW in deed book 6620, pages 1033-1038 **Note: Many records provided by the department have a truncated [Comment] field.		

LUST Database

MGR:	LEP	***Contact:***	William Todd Denny
Regional Office Cd:	WIL	***Telephone:***	7046754992
Date Reported:	11/29/2022	***RP Address:***	2808 Princess Place Dr
Release Code:		***RP City:***	Wilmington
Release Code Desc:		***RP State:***	NC
Source:	3	***RP Zip Code:***	28405
Source Desc:	LEAK, UST	***RP County:***	
Site Priority:		***RP Email:***	
Pollutant Type:	4	***RP Email1:***	
Pollutant Desc:	HEATING OIL	***RP Owner:***	FALSE
Petroleum Type:	P	***RP Operator:***	FALSE
Petrol Type Desc:	PETROLEUM	***RP Land Owner:***	TRUE
COMM:	N	***Lur Status:***	
COMM Desc:	NON COMMERCIAL	***LUR Filed:***	2/3/2023
Regulated Code:	N	***LUR Resc:***	
Reg Code Desc:	NON REGULATED	***LUR State:***	B

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Notice Rg Rq Issd:		**GPS Conf:**	31
Notice Violtn Issd:		**RBCA GW:**	
Contamination:	SL	**RBCA GW Desc:**	
Cleanup:	11/29/2022	**RBCA:**	
Conf Risk:	L	**RBCA Desc:**	
Risk:	L	**CD No:**	
Land Use:		**Reel No:**	
Land Use Desc:		**ERR CD:**	NO
Phase Reqrd:		**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:	0	**New Source:**	
MTBE 1:	U	**Book:**	6
RP Company:		**Page:**	1033
HCS Ref:	Google Earth		
Comment:			

NRP files on property soil and GW in deed book 6620, pages 1033-1038 **Note: Many records provided by the department have a truncated [Comment] field.

11	*1 of 1*	*SW*	*0.19 / 1,001.30*	*25.03 / 0*	***Wallace Property* *2714 Princess Place Drive* *Wilmington NC***	***LUST TRUST***

Incident No:	22022
Facility ID:	
Site County:	New Hanover
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Details

Archive Submit No:	4209.0066	**3rd Party Deduct:**	$0.00
CD No:	STF 18	**Sum 3rd Party Amts:**	$0.00
UST No:	WI-1861	**Deduct Determine:**	0
Priority Rank:		**Deductible Amount:**	$0.00
Priority Rank Desc:		**Deductible Reason1:**	
Site Eligible?:	Yes	**Deductible Reason2:**	
% Commercial Fund:	0.0	**Inel App:**	
Reimbursement Form:	No		
Site Note:			

12	*1 of 2*	*SSW*	*0.19 / 1,003.79*	*33.06 / 8*	***Pitts Property (Ned)* *2825 Willow Street* *Wilmington NC***	***LUST TRUST***

Incident No:	32326
Facility ID:	
Site County:	New Hanover
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Details

Archive Submit No:		**3rd Party Deduct:**	$0.00
CD No:		**Sum 3rd Party Amts:**	$0.00
UST No:	WI-7196	**Deduct Determine:**	0
Priority Rank:		**Deductible Amount:**	$0.00
Priority Rank Desc:		**Deductible Reason1:**	
Site Eligible?:	Yes	**Deductible Reason2:**	
% Commercial Fund:	0.0	**Inel App:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Reimbursement Form: No
Site Note: Noncommercial; 100% eligible; $0 deductible.

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12 | **2 of 2** | **SSW** | **0.19 / 1,003.79** | **33.06 / 8** | **PITTS PROPERTY (NED)**
2825 WILLOW STREET
WILMIGNTON NC | **LUR**

Prj No:	WI-7196	**Certification:**	None
Prj Status:	No Further Action	**Deed Bk:**	
Contam Src:	UST System	**Deed Pg:**	
Instrument Status:	Effective	**Plat Bk:**	
Instrument:	Notice and Restriction	**Plat Pg:**	
Rec Date:	8/21/2007	**Plat Link 1:**	
Plat Rec Date:		**Deed Link 1:**	Recorded Document Link
Deed Date:	Recorded 8-21-2007	**Prj County:**	New Hanover
Plat Date:		**X:**	2329557.169384226
Restricted Media:	Soil Only	**Y:**	181271.55530197918
Allowed Use:	Media Restrictions Only		

COC: Multi COC
DWM Program: Underground Storage Tank Section
Deed:
Plat:
DWM Contact: Wilmington Regional Office (910) 796-7215
Deed Link: https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7196%2A%22%7D
Plat Link URL:
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

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13 | **1 of 1** | **SSW** | **0.19 / 1,003.79** | **33.06 / 8** | **PITTS PROPERTY (NED)**
2825 WILLOW STREET
WILMIGNTON NC 28405 | **LUST**

Incdnt No (DWM Map):	32326	**Incident No:**	32326
Fac ID (DWM Map):		**Facility ID:**	
UST No (DWM Map):	WI-7196	**UST No:**	WI-7196
Curr Stat (DWM Map):	Archived	**Current Status:**	A
Close Out(DWMMap):	2007/08/07 00:00:00+00	**Status Title:**	Archived
Dt Occur (DWM Map):	2006/03/31 00:00:00+00	**Close Out:**	8/6/2007
Incident (DWM Map):	PITTS PROPERTY (NED)	**Date Occurred:**	3/30/2006
Address (DWM Map):	2825 WILLOW STREET	**Contam Type:**	Soil
County (DWM Map):	NEW H	**Cleanup:**	3/30/2006
City (DWM Map):	WILMIGNTON	**County:**	NEW H
Zip Code (DWM Map):	28405	**Latitude:**	34.243082
Latitude (DWM Map):	34.243082	**Longitude:**	-77.909599
Long (DWM Map):	-77.909599		

Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx
Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (STATUS)

Incident Details

Release Code:	2	**Samples Include:**	
Release Cause:		**7.5 Min Quad:**	
Release Source:		**5 Min Quad:**	
Type:	4	**Submitted Date:**	31-Mar-2006 00:00:00
Location:	7	**I Ownership:**	4
Site Priority:		**Owner Operator:**	
Priority Update:		**Ownership:**	4
Source Type:		**Ownership Desc:**	Private
ERR Type:		**Operation Type:**	3

Wells Affected Y/N: N
Operation Desc: Residential
Wells Affected:
PIRF Min Soil:
Samples Taken By: Y
Description of Incident: Heating oil UST removed. Groudnwater encountered. Soils above residential mscc. 62.12 tonns of contaminated soil removed.

Incident Report

Report Type: LSA1
Approved Date: 30-Oct-2006 00:00:00
Request Date:
Implement Date:
Received Date: 04-Oct-2006 00:00:00
Due Date:
Reviewed Date: 30-Oct-2006 00:00:00
PRT ID: 1083097
Report Type Description: Limited Site Assmt Phase 1
Comment:

Groundwater sampling shows no 2L violations. High risk reduced to Low. NRP needed before closeout.

Report Type: 20DAY
Approved Date: 25-Jul-2006 00:00:00
Request Date:
Implement Date:
Received Date: 06-Jun-2006 00:00:00
Due Date:
Reviewed Date: 25-Jul-2006 00:00:00
PRT ID: 1086796
Report Type Description: 20 Day Report
Comment:

Heating oil UST removed. Groundwater encountered. Soils above residential mscc. 62.12 tonns of contaminated soil removed.

Incident Status

Last Modified: 06-Aug-2007 00:00:00
Public Meeting Held:
Incident Phase: CO
Corrective Act Plan:
Incid Phase Desc: Close Out
SOC Signed:
NOV Issued:
Reclassification Rep:
NORR Issued: 30-Oct-2006 00:00:00
RS Designation:
45 Day Report:
Closure Req Date:

UST Incidents

RO Code: WIL
Reg: N
CD No: 611
Conf Risk: L
Date Reported: 2006/04/01 00:00:00+00
RRA Date:
Land Use: RES
RRA Risk:
LUR Filed: 2007/08/23 00:00:00+00
RRA Rank Curr: 0
LUR Resc:
RRA Abate:
LUR State: S
Risk: H
X: 2329557.89477646
RRA Rank:
Y: 181269.099926308
MGR: MEC
Comm: N
Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7196%2A%22%7D
Object ID: 33196

RUST Data

MGR: MEC
LUR Resc:
RO Code: WIL
LUR State: S
Date Reported: 2006/04/01 00:00:00+00
SL MGR:
Date Reported FY: 2006
SL Cleanup Strt Dt:
Date Occured FY: 2006
SL Cleanup End Dt:
Comm: N
SL Site Stat:
Reg: N
SL Ftfrecdte:
Perccomfndelig: 0
CD NO: 611

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

TOT Paid:	18056.73	**RRA Date:**	
Conf Risk:	L	**RRA Risk:**	
Risk:	H	**RRA Rank Curr:**	0
Landuse:	RES	**RRA Abate:**	
Inc Stat:	Closed	**RRA Rank:**	
Closeout FY:	2007	**X:**	2329557.89484787
LUR Filed:	2007/08/23 00:00:00+00	**Y:**	181269.099787656
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7196%2A%22%7D		
Comment:	heating oil UST removed. NRP request sent 10-30-06. Green cards for public notice received on 2/7/08./// pulled for archive 2.29.2016 /// **Note: Many records provided by the department have a truncated [Comment] field.		

LUST Database

MGR:	MEC	**Contact:**	NED PITTS
Regional Office Cd:	WIL	**Telephone:**	9103431751
Date Reported:	3/31/2006	**RP Address:**	2825 WILLOW STREET
Release Code:	0	**RP City:**	WILMINGTON
Release Code Desc:		**RP State:**	NC
Source:	3	**RP Zip Code:**	28405
Source Desc:	LEAK, UST	**RP County:**	
Site Priority:		**RP Email:**	
Pollutant Type:	4	**RP Email1:**	
Pollutant Desc:	HEATING OIL	**RP Owner:**	TRUE
Petroleum Type:	P	**RP Operator:**	TRUE
Petrol Type Desc:	PETROLEUM	**RP Land Owner:**	TRUE
COMM:	N	**Lur Status:**	
COMM Desc:	NON COMMERCIAL	**LUR Filed:**	8/22/2007
Regulated Code:	N	**LUR Resc:**	
Reg Code Desc:	NON REGULATED	**LUR State:**	S
Notice Rg Rq Issd:		**GPS Conf:**	99
Notice Violtn Issd:		**RBCA GW:**	G1
Contamination:	SL	**RBCA GW Desc:**	Cleanups to 2L.0202 standards
Cleanup:	3/30/2006	**RBCA:**	S1
Conf Risk:	L	**RBCA Desc:**	Residential
Risk:	H	**CD No:**	611
Land Use:	RES	**Reel No:**	0
Land Use Desc:	Residential	**ERR CD:**	NO
Phase Reqrd:	1	**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:	0	**New Source:**	
MTBE 1:	N	**Book:**	
RP Company:		**Page:**	
HCS Ref:			
Comment:			

heating oil UST removed. NRP request sent 10-30-06. Green cards for public notice received on 2/7/08./// pulled for archive 2.29.2016 /// **Note: Many records provided by the department have a truncated [Comment] field.

14	*1 of 1*	*SW*	*0.19 / 1,022.90*	*25.38 / 0*	***JACKSON RESIDENCE, JEAN*** ***2708 PRINCESS PLACE DRIVE*** ***WILMINGTON NC 28405***	***LUST***

Incdnt No (DWM Map):	32010	**Incident No:**	32010
Fac ID (DWM Map):		**Facility ID:**	
UST No (DWM Map):	WI-2259	**UST No:**	WI-2259
Curr Stat (DWM Map):	Archived	**Current Status:**	A
Close Out(DWMMap):	2004/08/18 00:00:00+00	**Status Title:**	Archived
Dt Occur (DWM Map):	2002/11/02 00:00:00+00	**Close Out:**	8/17/2004
Incident (DWM Map):	JACKSON RESIDENCE, JEAN	**Date Occurred:**	11/1/2002
Address (DWM Map):	2708 PRINCESS PLACE DRIVE	**Contam Type:**	Soil
County (DWM Map):	NEW H	**Cleanup:**	11/1/2002

City (DWM Map):	WILMINGTON	**County:**	NEW H
Zip Code (DWM Map):	28405	**Latitude:**	34.243955702
Latitude (DWM Map):	34.243955702	**Longitude:**	-77.911222
Long (DWM Map):	-77.911222		

Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (STATUS)

Incident Details

Release Code:	1	**Samples Include:**	
Release Cause:		**7.5 Min Quad:**	
Release Source:	C	**5 Min Quad:**	
Type:	4	**Submitted Date:**	02-Dec-2002 00:00:00
Location:	7	**I Ownership:**	4
Site Priority:		**Owner Operator:**	
Priority Update:		**Ownership:**	4
Source Type:	C	**Ownership Desc:**	Private
ERR Type:		**Operation Type:**	3
Wells Affected Y/N:	n	**Operation Desc:**	Residential
Wells Affected:		**PIRF Min Soil:**	
Samples Taken By:	y		

Description of Incident: anaytical results of soil samples obtained suring an ust closure indicate tph levels above action levels

Incident Report

Report Type:	LSA1	**Approved Date:**	10-Jul-2003 00:00:00
Request Date:		**Implement Date:**	
Received Date:	02-Jul-2003 00:00:00	**Due Date:**	
Reviewed Date:	10-Jul-2003 00:00:00		

PRT ID: 1085062
Report Type Description: Limited Site Assmt Phase 1
Comment:

Soil contamination remains above residential mscc **Note: Many records provided by the department have a truncated [Comment] field.

Report Type:	20DAY	**Approved Date:**	
Request Date:		**Implement Date:**	
Received Date:	02-Dec-2002 00:00:00	**Due Date:**	
Reviewed Date:			

PRT ID: 1082506
Report Type Description: 20 Day Report
Comment:

Report Type:	SARL	**Approved Date:**	23-Oct-2003 00:00:00
Request Date:		**Implement Date:**	
Received Date:	16-Oct-2003 00:00:00	**Due Date:**	
Reviewed Date:	23-Oct-2003 00:00:00		

PRT ID: 1082414
Report Type Description: Soil Assmt Report - Low only
Comment:

Soil above residential mscc in one sidewall.

Report Type:	SCSC	**Approved Date:**	04-Aug-2004 00:00:00
Request Date:		**Implement Date:**	
Received Date:	04-Aug-2004 00:00:00	**Due Date:**	
Reviewed Date:	11-Aug-2004 00:00:00		

PRT ID: 1082415
Report Type Description: Site Cleanup and Site Closure Report (Low)
Comment:

Remaining soils below residential limits and groundwater below 2L standards. NFA **Note: Many records provided by the department have a truncated [Comment] field.

Incident Status

Last Modified:	17-Aug-2004 00:00:00	***Public Meeting Held:***	
Incident Phase:	CO	***Corrective Act Plan:***	
Incid Phase Desc:	Close Out	***SOC Signed:***	
NOV Issued:		***Reclassification Rep:***	
NORR Issued:		***RS Designation:***	
45 Day Report:		***Closure Req Date:***	

UST Incidents

RO Code:	WIL	***Reg:***	N
CD No:	271	***Conf Risk:***	L
Date Reported:	2002/11/13 00:00:00+00	***RRA Date:***	
Land Use:	RES	***RRA Risk:***	
LUR Filed:		***RRA Rank Curr:***	0
LUR Resc:		***RRA Abate:***	
LUR State:		***Risk:***	L
X:	2329063.90002955	***RRA Rank:***	
Y:	181581.673120067	***MGR:***	JDP
Comm:	N		
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-2259%2A%22%7D		
Object ID:	32886		

RUST Data

MGR:	JDP	***LUR Resc:***	
RO Code:	WIL	***LUR State:***	
Date Reported:	2002/11/13 00:00:00+00	***SL MGR:***	
Date Reported FY:	2003	***SL Cleanup Strt Dt:***	
Date Occured FY:	2003	***SL Cleanup End Dt:***	
Comm:	N	***SL Site Stat:***	
Reg:	N	***SL Ftfrecdte:***	
Perccomfndelig:	0	***CD NO:***	271
TOT Paid:	20118.54	***RRA Date:***	
Conf Risk:	L	***RRA Risk:***	
Risk:	L	***RRA Rank Curr:***	0
Landuse:	RES	***RRA Abate:***	
Inc Stat:	Closed	***RRA Rank:***	
Closeout FY:	2004	***X:***	2329063.9000639
LUR Filed:		***Y:***	181581.673261098
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-2259%2A%22%7D		
Comment:	Tank removed before Task code 2.5. (NFA 8-17-2004) **Note: Many records provided by the department have a truncated [Comment] field.		

LUST Database

MGR:	JDP	***Contact:***	MS. JEAN JACKSON
Regional Office Cd:	WIL	***Telephone:***	9107626498
Date Reported:	11/12/2002	***RP Address:***	2708 PRINCESS PALCE DRIVE
Release Code:	0	***RP City:***	WILMINGTON
Release Code Desc:		***RP State:***	NC
Source:	3	***RP Zip Code:***	28405
Source Desc:	LEAK, UST	***RP County:***	
Site Priority:		***RP Email:***	
Pollutant Type:	4	***RP Email1:***	
Pollutant Desc:	HEATING OIL	***RP Owner:***	TRUE
Petroleum Type:	P	***RP Operator:***	FALSE
Petrol Type Desc:	PETROLEUM	***RP Land Owner:***	FALSE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

COMM:	N	**Lur Status:**	
COMM Desc:	NON COMMERCIAL	**LUR Filed:**	
Regulated Code:	N	**LUR Resc:**	
Reg Code Desc:	NON REGULATED	**LUR State:**	
Notice Rg Rq Issd:		**GPS Conf:**	14
Notice Violtn Issd:		**RBCA GW:**	G1
Contamination:	SL	**RBCA GW Desc:**	Cleanups to 2L.0202 standards
Cleanup:	11/1/2002	**RBCA:**	S3
Conf Risk:	L	**RBCA Desc:**	Soil to Groundwater
Risk:	L	**CD No:**	271
Land Use:	RES	**Reel No:**	0
Land Use Desc:	Residential	**ERR CD:**	
Phase Reqrd:	1	**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:	0	**New Source:**	
MTBE 1:	U	**Book:**	
RP Company:		**Page:**	
HCS Ref:			
Comment:			

Tank removed before Task code 2.5. (NFA 8-17-2004) **Note: Many records provided by the department have a truncated [Comment] field.

15	1 of 1	SSW	0.19 / 1,027.24	34.91 / 10	**Horizon Home Buyers, Inc. Property** **306 N. 29th St** **Wilmington NC 28405**	LUST

Incdnt No (DWM Map):	43167	**Incident No:**	43167
Fac ID (DWM Map):		**Facility ID:**	
UST No (DWM Map):	WI-8175	**UST No:**	WI-8175
Curr Stat (DWM Map):	Current Record	**Current Status:**	C
Close Out(DWMMap):	2019/05/23 00:00:00+00	**Status Title:**	Current Record
Dt Occur (DWM Map):	2019/04/23 00:00:00+00	**Close Out:**	5/22/2019
Incident (DWM Map):	Horizon Home Buyers, Inc. Property	**Date Occurred:**	4/22/2019
Address (DWM Map):	306 N. 29th St	**Contam Type:**	Soil
County (DWM Map):	NEW H	**Cleanup:**	4/22/2019
City (DWM Map):	Wilmington	**County:**	NEW H
Zip Code (DWM Map):	28405	**Latitude:**	34.242887
Latitude (DWM Map):	34.242887	**Longitude:**	-77.908996
Long (DWM Map):	-77.908996		

Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (STATUS)

Incident Details

Release Code:	4	**Samples Include:**	
Release Cause:	7	**7.5 Min Quad:**	
Release Source:	A	**5 Min Quad:**	
Type:	4	**Submitted Date:**	
Location:	7	**I Ownership:**	4
Site Priority:		**Owner Operator:**	
Priority Update:		**Ownership:**	4
Source Type:	P	**Ownership Desc:**	Private
ERR Type:		**Operation Type:**	3
Wells Affected Y/N:	N	**Operation Desc:**	Residential
Wells Affected:		**PIRF Min Soil:**	
Samples Taken By:	Y		
Description of Incident:			

Incident Report

Report Type:	DR	***Approved Date:***	
Request Date:		***Implement Date:***	
Received Date:	01-May-2019 00:00:00	***Due Date:***	
Reviewed Date:			
PRT ID:	1091859		
Report Type Description:	Deed Recordation		
Comment:			

NRP on soil and GW filed in deed Book 6211///pages 1105-1110 **Note: Many records provided by the department have a truncated [Comment] field.

Report Type:	PN	***Approved Date:***	
Request Date:		***Implement Date:***	
Received Date:	22-May-2019 00:00:00	***Due Date:***	
Reviewed Date:			
PRT ID:	1091860		
Report Type Description:	Public Notification		
Comment:			

Incident Status

Last Modified:	22-May-2019 00:00:00	***Public Meeting Held:***	
Incident Phase:	CO	***Corrective Act Plan:***	
Incid Phase Desc:	Close Out	***SOC Signed:***	
NOV Issued:		***Reclassification Rep:***	
NORR Issued:		***RS Designation:***	
45 Day Report:		***Closure Req Date:***	

UST Incidents

RO Code:	WIL	***Reg:***	N
CD No:	0	***Conf Risk:***	L
Date Reported:	2019/04/26 00:00:00+00	***RRA Date:***	
Land Use:		***RRA Risk:***	
LUR Filed:	2019/05/01 00:00:00+00	***RRA Rank Curr:***	0
LUR Resc:		***RRA Abate:***	
LUR State:	B	***Risk:***	L
X:	2329740.91507971	***RRA Rank:***	
Y:	181200.137793899	***MGR:***	SBB
Comm:	N		
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-8175%2A%22%7D		
Object ID:	40667		

RUST Data

MGR:	SBB	***LUR Resc:***	
RO Code:	WIL	***LUR State:***	B
Date Reported:	2019/04/26 00:00:00+00	***SL MGR:***	
Date Reported FY:	2019	***SL Cleanup Strt Dt:***	
Date Occured FY:	2019	***SL Cleanup End Dt:***	
Comm:	N	***SL Site Stat:***	
Reg:	N	***SL Ftfrecdte:***	
Perccomfndelig:		***CD NO:***	0
TOT Paid:		***RRA Date:***	
Conf Risk:	L	***RRA Risk:***	
Risk:	L	***RRA Rank Curr:***	0
Landuse:		***RRA Abate:***	
Inc Stat:	Closed	***RRA Rank:***	
Closeout FY:	2019	***X:***	2329740.91502427
LUR Filed:	2019/05/01 00:00:00+00	***Y:***	181200.137821251
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

5BProgram_ID%5D%3D%22%2AWI-8175%2A%22%7D

Comment: NRP on soil and GW filed in deed Book 6211///pages 1105-1110. NFA **Note: Many records provided by the department have a truncated [Comment] field.

LUST Database

MGR:	sbb	***Contact:***	Mr. Matthew Kelly
Regional Office Cd:	WIL	***Telephone:***	
Date Reported:	4/25/2019	***RP Address:***	16226 SW 27th Street
Release Code:	0	***RP City:***	Miramar
Release Code Desc:		***RP State:***	FL
Source:	3	***RP Zip Code:***	33027
Source Desc:	LEAK, UST	***RP County:***	
Site Priority:		***RP Email:***	
Pollutant Type:	4	***RP Email1:***	
Pollutant Desc:	HEATING OIL	***RP Owner:***	TRUE
Petroleum Type:	P	***RP Operator:***	FALSE
Petrol Type Desc:	PETROLEUM	***RP Land Owner:***	TRUE
COMM:	N	***Lur Status:***	
COMM Desc:	NON COMMERCIAL	***LUR Filed:***	4/30/2019
Regulated Code:	N	***LUR Resc:***	
Reg Code Desc:	NON REGULATED	***LUR State:***	B
Notice Rg Rq Issd:		***GPS Conf:***	32
Notice Violtn Issd:		***RBCA GW:***	G2
Contamination:	SL	***RBCA GW Desc:***	Cleanups to alternate standards
Cleanup:	4/22/2019	***RBCA:***	S1
Conf Risk:	L	***RBCA Desc:***	Residential
Risk:	L	***CD No:***	0
Land Use:		***Reel No:***	0
Land Use Desc:		***ERR CD:***	NO
Phase Reqrd:		***Valid:***	FALSE
Intrmdt Cndition:		***Cat Code:***	
Corr Act Plan Cd:		***HCS Res:***	
CAP Desc:		***Reliability:***	
Clos Reqsd:		***Supply Well:***	0
MTBE:	0	***New Source:***	
MTBE 1:	U	***Book:***	
RP Company:	Horizon Home Buyers, Inc.	***Page:***	
HCS Ref:			
Comment:			

NRP on soil and GW filed in deed Book 6211///pages 1105-1110. NFA **Note: Many records provided by the department have a truncated [Comment] field.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
16	1 of 2	SW	0.20 / 1,048.29	26.99 / 2	HEMMINGWAY PROPERTY (THELMA) 2802 PRINCESS PLACE DRIVE WILMINGTON NC 28405	LUST

Incdnt No (DWM Map):	32250	***Incident No:***	32250
Fac ID (DWM Map):		***Facility ID:***	
UST No (DWM Map):	WI-7106	***UST No:***	WI-7106
Curr Stat (DWM Map):	Archived	***Current Status:***	A
Close Out(DWMMap):	2006/02/10 00:00:00+00	***Status Title:***	Archived
Dt Occur (DWM Map):	2005/06/29 00:00:00+00	***Close Out:***	2/9/2006
Incident (DWM Map):	HEMMINGWAY PROPERTY (THELMA)	***Date Occurred:***	6/28/2005
Address (DWM Map):	2802 PRINCESS PLACE DRIVE	***Contam Type:***	Soil
County (DWM Map):	NEW H	***Cleanup:***	6/28/2005
City (DWM Map):	WILMINGTON	***County:***	NEW H
Zip Code (DWM Map):	28405	***Latitude:***	34.243407
Latitude (DWM Map):	34.243407	***Longitude:***	-77.910664
Long (DWM Map):	-77.910664		

Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST

DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (STATUS)

Incident Details

Release Code:	2	***Samples Include:***	
Release Cause:		***7.5 Min Quad:***	
Release Source:		***5 Min Quad:***	
Type:	4	***Submitted Date:***	29-Jun-2005 00:00:00
Location:	1	***I Ownership:***	4
Site Priority:		***Owner Operator:***	
Priority Update:		***Ownership:***	4
Source Type:	P	***Ownership Desc:***	Private
ERR Type:		***Operation Type:***	3
Wells Affected Y/N:	N	***Operation Desc:***	Residential
Wells Affected:		***PIRF Min Soil:***	
Samples Taken By:	Y		

Description of Incident: 270 gal. heating oil tank removed from service. Closure soil samples confirm release from tank.

Incident Report

Report Type:	20DAY	***Approved Date:***	09-Sep-2005 00:00:00
Request Date:		***Implement Date:***	
Received Date:	02-Sep-2005 00:00:00	***Due Date:***	19-Jul-2005 00:00:00
Reviewed Date:	09-Sep-2005 00:00:00		
PRT ID:	1084903		
Report Type Description:	20 Day Report		
Comment:			

270 gal. Heating Oil Tank. Closure soil samples confirm release from tank. Remaining soil above the soil-to-groundwater mscc.

Report Type:	LSA1	***Approved Date:***	09-Feb-2006 00:00:00
Request Date:		***Implement Date:***	
Received Date:	01-Feb-2006 00:00:00	***Due Date:***	10-Jan-2006 00:00:00
Reviewed Date:	09-Feb-2006 00:00:00		
PRT ID:	1084904		
Report Type Description:	Limited Site Assmt Phase 1		
Comment:			

Irrigation well within 250 feet. Groundwater BDL for all constituents. Reduced to low risk. NFA.

Report Type:	PN	***Approved Date:***	10-Jul-2006 00:00:00
Request Date:		***Implement Date:***	
Received Date:	05-Jul-2006 00:00:00	***Due Date:***	
Reviewed Date:	10-Jul-2006 00:00:00		
PRT ID:	1086901		
Report Type Description:	Public Notification		
Comment:			

close out.

Incident Status

Last Modified:	09-Feb-2006 00:00:00	***Public Meeting Held:***	
Incident Phase:	CO	***Corrective Act Plan:***	
Incid Phase Desc:	Close Out	***SOC Signed:***	
NOV Issued:		***Reclassification Rep:***	
NORR Issued:		***RS Designation:***	
45 Day Report:		***Closure Req Date:***	

UST Incidents

RO Code:	WIL	**Reg:**	N
CD No:	430	**Conf Risk:**	L
Date Reported:	2005/06/30 00:00:00+00	**RRA Date:**	
Land Use:	RES	**RRA Risk:**	
LUR Filed:		**RRA Rank Curr:**	0
LUR Resc:		**RRA Abate:**	
LUR State:		**Risk:**	H
X:	2329234.72974038	**RRA Rank:**	
Y:	181383.839854315	**MGR:**	JDP
Comm:	N		
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7106%2A%22%7D		
Object ID:	33120		

RUST Data

MGR:	JDP	**LUR Resc:**	
RO Code:	WIL	**LUR State:**	
Date Reported:	2005/06/30 00:00:00+00	**SL MGR:**	
Date Reported FY:	2005	**SL Cleanup Strt Dt:**	
Date Occured FY:	2005	**SL Cleanup End Dt:**	
Comm:	N	**SL Site Stat:**	
Reg:	N	**SL Ftfrecdte:**	
Perccomfndelig:	0	**CD NO:**	430
TOT Paid:	15944.43	**RRA Date:**	
Conf Risk:	L	**RRA Risk:**	
Risk:	H	**RRA Rank Curr:**	0
Landuse:	RES	**RRA Abate:**	
Inc Stat:	Closed	**RRA Rank:**	
Closeout FY:	2006	**X:**	2329234.72982201
LUR Filed:		**Y:**	181383.839877102
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7106%2A%22%7D		
Comment:	Heating Oil Tank. Irrigation well within 250 feet. Groundwater BDL for all constituents. Reduced to low risk. NFA sent 2-9-06. File pulled for archiving in 9/2011 by SAK.		

LUST Database

MGR:	JDP	**Contact:**	CLYDE AND THELMA HEMMINGWAY
Regional Office Cd:	WIL	**Telephone:**	9103620475
Date Reported:	6/29/2005	**RP Address:**	2802 PRINCESS PLACE DRIVE
Release Code:	0	**RP City:**	WILMINGTON
Release Code Desc:		**RP State:**	NC
Source:	3	**RP Zip Code:**	28405
Source Desc:	LEAK, UST	**RP County:**	
Site Priority:		**RP Email:**	
Pollutant Type:	4	**RP Email1:**	
Pollutant Desc:	HEATING OIL	**RP Owner:**	TRUE
Petroleum Type:	P	**RP Operator:**	TRUE
Petrol Type Desc:	PETROLEUM	**RP Land Owner:**	TRUE
COMM:	N	**Lur Status:**	
COMM Desc:	NON COMMERCIAL	**LUR Filed:**	
Regulated Code:	N	**LUR Resc:**	
Reg Code Desc:	NON REGULATED	**LUR State:**	
Notice Rg Rq Issd:		**GPS Conf:**	90
Notice Violtn Issd:		**RBCA GW:**	
Contamination:	SL	**RBCA GW Desc:**	
Cleanup:	6/28/2005	**RBCA:**	S1
Conf Risk:	L	**RBCA Desc:**	Residential
Risk:	H	**CD No:**	430
Land Use:	RES	**Reel No:**	0
Land Use Desc:	Residential	**ERR CD:**	NO
Phase Reqrd:	1	**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

MTBE: 0
MTBE 1: N
RP Company:
HCS Ref: RP Supplied
Comment:
New Source:
Book:
Page:

Heating Oil Tank. Irrigation well within 250 feet. Groundwater BDL for all constituents. Reduced to low risk. NFA sent 2-9-06. File pulled for archiving in 9/2011 by SAK.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
16	2 of 2	SW	0.20 / 1,048.29	26.99 / 2	Hemmingway Property (Thelma) 2802 Princess Place Drive Wilmington NC	LUST TRUST

Incident No: 32250
Facility ID:
Site County: New Hanover
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Details

Archive Submit No: 4209.0055
CD No: STF 14
UST No: WI-7106
Priority Rank:
Priority Rank Desc:
Site Eligible?: Yes
% Commercial Fund: 0.0
Reimbursement Form: No
Site Note: Noncommercial. 100% eligible. 0 deductible.
3rd Party Deduct: $0.00
Sum 3rd Party Amts: $0.00
Deduct Determine: 0
Deductible Amount: $0.00
Deductible Reason1:
Deductible Reason2:
Inel App:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
17	1 of 2	SSW	0.20 / 1,063.41	32.01 / 7	VIRGINIA EDGERTON PROPERTY 2819 WILLOW STREET WILMINGTON NC 28403	LUST

Incdnt No (DWM Map): 22002
Fac ID (DWM Map):
UST No (DWM Map): WI-1859
Curr Stat (DWM Map): Archived
Close Out(DWMMap): 2000/11/14 00:00:00+00
Dt Occur (DWM Map): 2000/02/12 00:00:00+00
Incident (DWM Map): VIRGINIA EDGERTON PROPERTY
Address (DWM Map): 2819 WILLOW STREET
County (DWM Map): NEW H
City (DWM Map): WILMINGTON
Zip Code (DWM Map): 28403
Latitude (DWM Map): 34.242968
Long (DWM Map): -77.909804
Incident No: 22002
Facility ID:
UST No: WI-1859
Current Status: A
Status Title: Archived
Close Out: 11/13/2000
Date Occurred: 2/11/2000
Contam Type: Soil
Cleanup: 5/4/2000
County: NEW H
Latitude: 34.242968
Longitude: -77.909804
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx
Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (STATUS)

Incident Details

Release Code:
Release Cause:
Release Source:
Type: 4
Location: 7
Site Priority:
Samples Include: 2
7.5 Min Quad:
5 Min Quad:
Submitted Date: 17-May-2000 00:00:00
I Ownership: 4
Owner Operator: VIRGINIA EDGERTON

Priority Update:	03-Aug-2000 00:00:00	**Ownership:**	4
Source Type:		**Ownership Desc:**	Private
ERR Type:	P	**Operation Type:**	3
Wells Affected Y/N:		**Operation Desc:**	Residential
Wells Affected:		**PIRF Min Soil:**	MIN_SOIL
Samples Taken By:	3		
Description of Incident:	CONTAM DISCOVERED DURING UST CLOSURE		

Incident Report

Report Type:	LSA	**Approved Date:**	
Request Date:		**Implement Date:**	
Received Date:	22-Sep-2000 00:00:00	**Due Date:**	19-Sep-2000 00:00:00
Reviewed Date:	13-Nov-2000 00:00:00		
PRT ID:	1085966		
Report Type Description:			
Comment:			

Incident Status

Last Modified:	29-Nov-2000 00:00:00	**Public Meeting Held:**	
Incident Phase:	CO	**Corrective Act Plan:**	
Incid Phase Desc:	Close Out	**SOC Signed:**	
NOV Issued:		**Reclassification Rep:**	
NORR Issued:		**RS Designation:**	
45 Day Report:		**Closure Req Date:**	

UST Incidents

RO Code:	WIL	**Reg:**	N
CD No:	161	**Conf Risk:**	L
Date Reported:	2000/05/05 00:00:00+00	**RRA Date:**	
Land Use:	RES	**RRA Risk:**	
LUR Filed:		**RRA Rank Curr:**	0
LUR Resc:		**RRA Abate:**	
LUR State:		**Risk:**	L
X:	2329496.39489947	**RRA Rank:**	
Y:	181226.932359725	**MGR:**	DTM
Comm:	N		
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-1859%2A%22%7D		
Object ID:	24787		

RUST Data

MGR:	DTM	**LUR Resc:**	
RO Code:	WIL	**LUR State:**	
Date Reported:	2000/05/05 00:00:00+00	**SL MGR:**	
Date Reported FY:	2000	**SL Cleanup Strt Dt:**	
Date Occured FY:	2000	**SL Cleanup End Dt:**	
Comm:	N	**SL Site Stat:**	
Reg:	N	**SL Ftfrecdte:**	
Perccomfndelig:	0	**CD NO:**	161
TOT Paid:	12711.3	**RRA Date:**	
Conf Risk:	L	**RRA Risk:**	
Risk:	L	**RRA Rank Curr:**	0
Landuse:	RES	**RRA Abate:**	
Inc Stat:	Closed	**RRA Rank:**	
Closeout FY:	2001	**X:**	2329496.39484238
LUR Filed:		**Y:**	181226.932435403
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-1859%2A%22%7D		
Comment:	CLEAN CLOSURE **Note: Many records provided by the department have a truncated [Comment] field.		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

LUST Database

MGR:	DTM	***Contact:***	C/O VIRGINIA STORMS
Regional Office Cd:	WIL	***Telephone:***	9193196921
Date Reported:	5/4/2000	***RP Address:***	15813 N. US 701
Release Code:	0	***RP City:***	GARLAND
Release Code Desc:		***RP State:***	NC
Source:	3	***RP Zip Code:***	28441
Source Desc:	LEAK, UST	***RP County:***	
Site Priority:		***RP Email:***	
Pollutant Type:	4	***RP Email1:***	
Pollutant Desc:	HEATING OIL	***RP Owner:***	FALSE
Petroleum Type:	P	***RP Operator:***	FALSE
Petrol Type Desc:	PETROLEUM	***RP Land Owner:***	FALSE
COMM:	N	***Lur Status:***	
COMM Desc:	NON COMMERCIAL	***LUR Filed:***	
Regulated Code:	N	***LUR Resc:***	
Reg Code Desc:	NON REGULATED	***LUR State:***	
Notice Rg Rq Issd:	5/17/2000	***GPS Conf:***	51
Notice Violtn Issd:		***RBCA GW:***	
Contamination:	SL	***RBCA GW Desc:***	
Cleanup:	5/4/2000	***RBCA:***	S1
Conf Risk:	L	***RBCA Desc:***	Residential
Risk:	L	***CD No:***	161
Land Use:	RES	***Reel No:***	3911
Land Use Desc:	Residential	***ERR CD:***	
Phase Reqrd:		***Valid:***	FALSE
Intrmdt Cndition:		***Cat Code:***	
Corr Act Plan Cd:		***HCS Res:***	
CAP Desc:		***Reliability:***	
Clos Reqsd:		***Supply Well:***	0
MTBE:	0	***New Source:***	
MTBE 1:	U	***Book:***	
RP Company:	MS. VIRGINIA EDGERTON	***Page:***	
HCS Ref:	TAMU Geocoded		
Comment:			

CLEAN CLOSURE **Note: Many records provided by the department have a truncated [Comment] field.

17	***2 of 2***	***SSW***	***0.20 / 1,063.41***	***32.01 / 7***	***Edgerton Residence 2819 Willow Street Wilmington NC***	***LUST TRUST***

Incident No:	22002
Facility ID:	
Site County:	New Hanover
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Details

Archive Submit No:	4209.005	***3rd Party Deduct:***	$0.00
CD No:	STF 13	***Sum 3rd Party Amts:***	$0.00
UST No:	WI-1859	***Deduct Determine:***	0
Priority Rank:		***Deductible Amount:***	$0.00
Priority Rank Desc:		***Deductible Reason1:***	
Site Eligible?:	Yes	***Deductible Reason2:***	
% Commercial Fund:	0.0	***Inel App:***	
Reimbursement Form:	No		
Site Note:			

18	***1 of 1***	***SW***	***0.21 / 1,088.24***	***25.05 / 0***	***Jackson Property 2708 Princess Place Drive***	***LUST TRUST***

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					Wilmington NC	

Incident No: 32010
Facility ID:
Site County: New Hanover
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Details

Archive Submit No: 4209.0055
CD No: STF 14
UST No: WI-2259
Priority Rank:
Priority Rank Desc:
Site Eligible?: Yes
% Commercial Fund: 0.0
Reimbursement Form: No
Site Note:

3rd Party Deduct: $0.00
Sum 3rd Party Amts: $0.00
Deduct Determine: 0
Deductible Amount: $0.00
Deductible Reason1:
Deductible Reason2:
Inel App:

19	1 of 1	SSW	0.21 / 1,100.96	35.85 / 11	29TH ST (N) -302 302 29TH ST (N) WILMINGTON NC	LUR

Prj No: WI-7966
Prj Status: No Further Action
Contam Src: UST System
Instrument Status: Effective
Instrument: Notice and Restriction
Rec Date: 1/28/2016
Plat Rec Date:
Deed Date: Recorded 1-28-2016
Plat Date:
Restricted Media: Multi-Media
Allowed Use: Media Restrictions Only
COC: Multi COC
DWM Program: Underground Storage Tank Section
Deed:
Plat:
DWM Contact: Wilmington Regional Office (910) 796-7215
Deed Link: https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7966%2A%22%7D
Plat Link URL:
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Certification: None
Deed Bk:
Deed Pg:
Plat Bk:
Plat Pg:
Plat Link 1:
Deed Link 1: Recorded Document Link
Prj County: New Hanover
X: 2329751.325163886
Y: 181124.46340456605

20	1 of 1	SSW	0.21 / 1,100.96	35.85 / 11	29TH ST (N) -302 302 29TH ST (N) WILMINGTON NC 28405	LUST

Incdnt No (DWM Map): 43014
Fac ID (DWM Map):
UST No (DWM Map): WI-7966
Curr Stat (DWM Map): Archived
Close Out(DWMMap): 2016/07/19 00:00:00+00
Dt Occur (DWM Map): 2015/11/06 00:00:00+00
Incident (DWM Map): 29TH ST (N) -302
Address (DWM Map): 302 29TH ST (N)
County (DWM Map): NEW H
City (DWM Map): WILMINGTON
Zip Code (DWM Map): 28405
Latitude (DWM Map): 34.242672
Long (DWM Map): -77.908962

Incident No: 43014
Facility ID:
UST No: WI-7966
Current Status: A
Status Title: Archived
Close Out: 7/18/2016
Date Occurred: 11/5/2015
Contam Type: Groundwater/Both
Cleanup: 11/5/2015
County: NEW H
Latitude: 34.242672
Longitude: -77.908962

Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (STATUS)

Incident Details

Release Code:	2	**Samples Include:**	
Release Cause:	7	**7.5 Min Quad:**	
Release Source:	A	**5 Min Quad:**	
Type:	4	**Submitted Date:**	05-Nov-2015 00:00:00
Location:	7	**I Ownership:**	4
Site Priority:		**Owner Operator:**	
Priority Update:		**Ownership:**	4
Source Type:	P	**Ownership Desc:**	Private
ERR Type:		**Operation Type:**	3
Wells Affected Y/N:	N	**Operation Desc:**	Residential
Wells Affected:		**PIRF Min Soil:**	
Samples Taken By:	Y		
Description of Incident:			

Incident Report

Report Type:	PN	**Approved Date:**	11-Apr-2016 00:00:00
Request Date:		**Implement Date:**	
Received Date:	11-Apr-2016 00:00:00	**Due Date:**	
Reviewed Date:	11-Apr-2016 00:00:00		
PRT ID:	1091516		
Report Type Description:	Public Notification		
Comment:			

Report Type:	OTH	**Approved Date:**	05-Nov-2015 00:00:00
Request Date:		**Implement Date:**	
Received Date:	05-Nov-2015 00:00:00	**Due Date:**	
Reviewed Date:	05-Nov-2015 00:00:00		
PRT ID:	1091517		
Report Type Description:	Other (Comments Required)		
Comment:			

release confirmed **Note: Many records provided by the department have a truncated [Comment] field.

Incident Status

Last Modified:	18-Jul-2016 00:00:00	**Public Meeting Held:**	
Incident Phase:	CO	**Corrective Act Plan:**	
Incid Phase Desc:	Close Out	**SOC Signed:**	
NOV Issued:		**Reclassification Rep:**	
NORR Issued:		**RS Designation:**	
45 Day Report:		**Closure Req Date:**	

UST Incidents

RO Code:	WIL	**Reg:**	N
CD No:	0	**Conf Risk:**	L
Date Reported:	2015/11/06 00:00:00+00	**RRA Date:**	
Land Use:	RES	**RRA Risk:**	
LUR Filed:	2016/01/30 00:00:00+00	**RRA Rank Curr:**	0
LUR Resc:		**RRA Abate:**	
LUR State:	B	**Risk:**	L
X:	2329752.05055614	**RRA Rank:**	
Y:	181122.008028895	**MGR:**	VM
Comm:	N		

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7966%2A%22%7D
Object ID: 40515

RUST Data

MGR:	VM	**LUR Resc:**	
RO Code:	WIL	**LUR State:**	B
Date Reported:	2015/11/06 00:00:00+00	**SL MGR:**	
Date Reported FY:	2016	**SL Cleanup Strt Dt:**	
Date Occured FY:	2016	**SL Cleanup End Dt:**	
Comm:	N	**SL Site Stat:**	
Reg:	N	**SL Ftfrecdte:**	
Perccomfndelig:		**CD NO:**	0
TOT Paid:		**RRA Date:**	
Conf Risk:	L	**RRA Risk:**	
Risk:	L	**RRA Rank Curr:**	0
Landuse:	RES	**RRA Abate:**	
Inc Stat:	Closed	**RRA Rank:**	
Closeout FY:	2016	**X:**	2329752.05058449
LUR Filed:	2016/01/30 00:00:00+00	**Y:**	181122.008004573

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7966%2A%22%7D
Comment: kirk is consultant, only have 24 hr , based on incidents LSA's from 32326 and 32140 no well are within 150' /// NFA issued April 15, 2016 not entered into RUST untill 7/18/2016. /// CD 665 **Note: Many records provided by the department have a truncated [Comment] field.

LUST Database

MGR:	VM	**Contact:**	GWENDOLYN PINNIX
Regional Office Cd:	WIL	**Telephone:**	9194712841
Date Reported:	11/5/2015	**RP Address:**	5700 OLD WELL ST
Release Code:	0	**RP City:**	DURHAM
Release Code Desc:		**RP State:**	NC
Source:	3	**RP Zip Code:**	27704
Source Desc:	LEAK, UST	**RP County:**	
Site Priority:		**RP Email:**	
Pollutant Type:	4	**RP Email1:**	
Pollutant Desc:	HEATING OIL	**RP Owner:**	TRUE
Petroleum Type:	P	**RP Operator:**	FALSE
Petrol Type Desc:	PETROLEUM	**RP Land Owner:**	TRUE
COMM:	N	**Lur Status:**	
COMM Desc:	NON COMMERCIAL	**LUR Filed:**	1/29/2016
Regulated Code:	N	**LUR Resc:**	
Reg Code Desc:	NON REGULATED	**LUR State:**	B
Notice Rg Rq Issd:		**GPS Conf:**	90
Notice Violtn Issd:		**RBCA GW:**	G2
Contamination:	GW	**RBCA GW Desc:**	Cleanups to alternate standards
Cleanup:	11/5/2015	**RBCA:**	S1
Conf Risk:	L	**RBCA Desc:**	Residential
Risk:	L	**CD No:**	0
Land Use:	RES	**Reel No:**	0
Land Use Desc:	Residential	**ERR CD:**	NO
Phase Reqrd:		**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:	0	**New Source:**	
MTBE 1:	U	**Book:**	
RP Company:		**Page:**	
HCS Ref:			
Comment:			

kirk is consultant, only have 24 hr , based on incidents LSA's from 32326 and 32140 no well are within 150' /// NFA issued April 15, 2016 not entered into RUST untill 7/18/2016. /// CD 665 **Note: Many records provided by the department have a truncated [Comment] field.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
21	1 of 1	SSW	0.21 / 1,125.25	30.33 / 5	WILLOW ST-2809 2809 WILLOW ST WILMINGTON NC	LUR

Prj No:	WI-7954	**Certification:**	None
Prj Status:	No Further Action	**Deed Bk:**	
Contam Src:	UST System	**Deed Pg:**	
Instrument Status:	Effective	**Plat Bk:**	
Instrument:	Notice and Restriction	**Plat Pg:**	
Rec Date:	2/5/2017	**Plat Link 1:**	
Plat Rec Date:		**Deed Link 1:**	Recorded Document Link
Deed Date:	Recorded 2-5-2017	**Prj County:**	New Hanover
Plat Date:		**X:**	2329353.6763528883
Restricted Media:	Multi-Media	**Y:**	181223.09706556797
Allowed Use:	Media Restrictions Only		
COC:	Multi COC		
DWM Program:	Underground Storage Tank Section		
Deed:			
Plat:			
DWM Contact:	Wilmington Regional Office (910) 796-7215		
Deed Link:	https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7954%2A%22%7D		
Plat Link URL:			
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
22	1 of 1	SSW	0.21 / 1,125.25	30.33 / 5	WILLOW ST-2809 2809 WILLOW ST WILMINGTON NC 28405	LUST

Incdnt No (DWM Map):	43002	**Incident No:**	43002
Fac ID (DWM Map):		**Facility ID:**	
UST No (DWM Map):	WI-7954	**UST No:**	WI-7954
Curr Stat (DWM Map):	Current Record	**Current Status:**	C
Close Out(DWMMap):	2017/07/06 00:00:00+00	**Status Title:**	Current Record
Dt Occur (DWM Map):	2015/09/22 00:00:00+00	**Close Out:**	7/5/2017
Incident (DWM Map):	WILLOW ST-2809	**Date Occurred:**	9/21/2015
Address (DWM Map):	2809 WILLOW ST	**Contam Type:**	Groundwater/Both
County (DWM Map):	NEW H	**Cleanup:**	9/21/2015
City (DWM Map):	WILMINGTON	**County:**	NEW H
Zip Code (DWM Map):	28405	**Latitude:**	34.242955
Latitude (DWM Map):	34.242955	**Longitude:**	-77.910274
Long (DWM Map):	-77.910274		
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		
Data Source:	Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (STATUS)		

Incident Details

Release Code:	3	**Samples Include:**	
Release Cause:	7	**7.5 Min Quad:**	
Release Source:	A	**5 Min Quad:**	
Type:	4	**Submitted Date:**	21-Sep-2015 00:00:00
Location:	7	**I Ownership:**	4
Site Priority:		**Owner Operator:**	
Priority Update:		**Ownership:**	4
Source Type:	P	**Ownership Desc:**	Private
ERR Type:		**Operation Type:**	3
Wells Affected Y/N:	N	**Operation Desc:**	Residential
Wells Affected:		**PIRF Min Soil:**	
Samples Taken By:	N		

Description of Incident:

Incident Report

Report Type: DR
Request Date:
Received Date: 05-Aug-2016 00:00:00
Reviewed Date:
PRT ID: 1089709
Report Type Description: Deed Recordation
Comment:
Approved Date:
Implement Date:
Due Date:

8.5.2016 signed by WER/// **Note: Many records provided by the department have a truncated [Comment] field.

Report Type: CLO
Request Date:
Received Date: 26-Oct-2015 00:00:00
Reviewed Date: 27-Oct-2015 00:00:00
PRT ID: 1082965
Report Type Description: Closure Report
Comment:
Approved Date: 27-Oct-2015 00:00:00
Implement Date:
Due Date:

Res Ust fomed in-place closure. GRO reported at 157 mg/Kg / DRO reported at 13,900 mg/Kg. nNo WSW identified within 250' of UST. NORR for NRP sent 10.27.2015 WER **Note: Many records provided by the department have a truncated [Comment] field.

Report Type: PN
Request Date:
Received Date: 15-Jun-2017 00:00:00
Reviewed Date:
PRT ID: 1089943
Report Type Description: Public Notification
Comment:
Approved Date: 05-Jul-2017 00:00:00
Implement Date:
Due Date:

Report Type: DR
Request Date:
Received Date: 15-Jun-2017 00:00:00
Reviewed Date:
PRT ID: 1089944
Report Type Description: Deed Recordation
Comment:
Approved Date: 05-Jul-2017 00:00:00
Implement Date:
Due Date:

BK:RB 6035 // PG:1042-1046 **Note: Many records provided by the department have a truncated [Comment] field.

Incident Status

Last Modified: 05-Jul-2017 00:00:00
Incident Phase: CO
Incid Phase Desc: Close Out
NOV Issued:
NORR Issued:
45 Day Report:
Public Meeting Held:
Corrective Act Plan:
SOC Signed:
Reclassification Rep:
RS Designation:
Closure Req Date:

UST Incidents

RO Code: WIL
CD No: 0
Date Reported: 2015/09/22 00:00:00+00
Land Use: RES
LUR Filed: 2017/02/07 00:00:00+00
LUR Resc:
LUR State: B
X: 2329354.40207322
Reg: N
Conf Risk: L
RRA Date:
RRA Risk:
RRA Rank Curr: 0
RRA Abate:
Risk: L
RRA Rank:

Y:	181220.641689897	***MGR:***	SAK
Comm:	N		
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7954%2A%22%7D		
Object ID:	40503		

RUST Data

MGR:	SAK	***LUR Resc:***	
RO Code:	WIL	***LUR State:***	B
Date Reported:	2015/09/22 00:00:00+00	***SL MGR:***	
Date Reported FY:	2015	***SL Cleanup Strt Dt:***	
Date Occured FY:	2015	***SL Cleanup End Dt:***	
Comm:	N	***SL Site Stat:***	
Reg:	N	***SL Ftfrecdte:***	
Perccomfndelig:		***CD NO:***	0
TOT Paid:		***RRA Date:***	
Conf Risk:	L	***RRA Risk:***	
Risk:	L	***RRA Rank Curr:***	0
Landuse:	RES	***RRA Abate:***	
Inc Stat:	Closed	***RRA Rank:***	
Closeout FY:	2017	***X:***	2329354.40194615
LUR Filed:	2017/02/07 00:00:00+00	***Y:***	181220.641801091
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7954%2A%22%7D		
Comment:	highlands env solutions inc consultant 9198483155 the NRP that was submitted on 8.5.2016 was only placed on the gw, the nrp needs to be placed on both soil and groundwater …..VM. Was VM Site **Note: Many records provided by the department have a truncated [Comment] field.		

LUST Database

MGR:	sak	***Contact:***	WESLEY KNAPE
Regional Office Cd:	WIL	***Telephone:***	9106193536
Date Reported:	9/21/2015	***RP Address:***	2809 WILLOW ST
Release Code:	0	***RP City:***	WILMINGTON
Release Code Desc:		***RP State:***	NC
Source:	3	***RP Zip Code:***	28405
Source Desc:	LEAK, UST	***RP County:***	
Site Priority:		***RP Email:***	
Pollutant Type:	4	***RP Email1:***	
Pollutant Desc:	HEATING OIL	***RP Owner:***	TRUE
Petroleum Type:	P	***RP Operator:***	TRUE
Petrol Type Desc:	PETROLEUM	***RP Land Owner:***	TRUE
COMM:	N	***Lur Status:***	
COMM Desc:	NON COMMERCIAL	***LUR Filed:***	2/6/2017
Regulated Code:	N	***LUR Resc:***	
Reg Code Desc:	NON REGULATED	***LUR State:***	B
Notice Rg Rq Issd:		***GPS Conf:***	90
Notice Violtn Issd:		***RBCA GW:***	G2
Contamination:	GW	***RBCA GW Desc:***	Cleanups to alternate standards
Cleanup:	9/21/2015	***RBCA:***	S1
Conf Risk:	L	***RBCA Desc:***	Residential
Risk:	L	***CD No:***	0
Land Use:	RES	***Reel No:***	0
Land Use Desc:	Residential	***ERR CD:***	NO
Phase Reqrd:		***Valid:***	FALSE
Intrmdt Cndition:		***Cat Code:***	
Corr Act Plan Cd:		***HCS Res:***	
CAP Desc:		***Reliability:***	
Clos Reqsd:		***Supply Well:***	0
MTBE:	0	***New Source:***	
MTBE 1:	U	***Book:***	
RP Company:	KNAPE RESIDENCE	***Page:***	
HCS Ref:			
Comment:			

highlands env solutions inc consultant 9198483155 the NRP that was submitted on 8.5.2016 was only placed on the gw, the nrp needs to be placed on

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

both soil and groundwater .....VM. Was VM Site **Note: Many records provided by the department have a truncated [Comment] field.

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23 *1 of 2* **SSW** *0.23 / 1,212.59* *28.03 / 3* **Parker Residence**
2801 Willow St
Wilmington NC
LUST TRUST

Incident No: 32683
Facility ID:
Site County: New Hanover
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Details

Archive Submit No:
CD No:
UST No: WI-7582
Priority Rank:
Priority Rank Desc:
Site Eligible?: Yes
% Commercial Fund: 0.0
Reimbursement Form: No
3rd Party Deduct: $0.00
Sum 3rd Party Amts: $0.00
Deduct Determine: 0
Deductible Amount: $0.00
Deductible Reason1:
Deductible Reason2:
Inel App:
Site Note: RIF on file. Noncommercial; 100% eligible; $0 deductible.[CGS 8/10/11]

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23 *2 of 2* **SSW** *0.23 / 1,212.59* *28.03 / 3* **PARKER RESIDENCE**
2801 WILLOW ST
WILMINGTON NC
LUR

Prj No: WI-7582
Prj Status: No Further Action
Contam Src: UST System
Instrument Status: Effective
Instrument: Notice and Restriction
Rec Date: 7/5/2011
Plat Rec Date:
Deed Date: Recorded 7-5-2011
Plat Date:
Restricted Media: Groundwater Only
Allowed Use: Media Restrictions Only
COC: Multi COC
DWM Program: Underground Storage Tank Section
Deed:
Plat:
DWM Contact: Wilmington Regional Office (910) 796-7215
Deed Link: https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7582%2A%22%7D
Plat Link URL:
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx
Certification: None
Deed Bk:
Deed Pg:
Plat Bk:
Plat Pg:
Plat Link 1:
Deed Link 1: Recorded Document Link
Prj County: New Hanover
X: 2329231.3130805492
Y: 181190.81727448106

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24 *1 of 1* **SSW** *0.23 / 1,212.59* *28.03 / 3* **PARKER RESIDENCE**
2801 WILLOW ST
WILMINGTON NC 28405
LUST

Incdnt No (DWM Map): 32683
Fac ID (DWM Map):
UST No (DWM Map): WI-7582
Curr Stat (DWM Map): Archived
Close Out(DWMMap): 2011/07/07 00:00:00+00
Dt Occur (DWM Map): 2010/11/19 00:00:00+00
Incident (DWM Map): PARKER RESIDENCE
Incident No: 32683
Facility ID:
UST No: WI-7582
Current Status: A
Status Title: Archived
Close Out: 7/6/2011
Date Occurred: 11/18/2010

Address (DWM Map):	2801 WILLOW ST	**Contam Type:**	Soil
County (DWM Map):	NEW H	**Cleanup:**	11/22/2010
City (DWM Map):	WILMINGTON	**County:**	NEW H
Zip Code (DWM Map):	28405	**Latitude:**	34.24287
Latitude (DWM Map):	34.24287	**Longitude:**	-77.91068
Long (DWM Map):	-77.91068		

Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (RRA); RUST Incident Management Database (STATUS)

Incident Details

Release Code:	5	**Samples Include:**	
Release Cause:	7	**7.5 Min Quad:**	
Release Source:	A	**5 Min Quad:**	
Type:	4	**Submitted Date:**	22-Nov-2010 00:00:00
Location:	7	**I Ownership:**	4
Site Priority:		**Owner Operator:**	
Priority Update:		**Ownership:**	4
Source Type:	P	**Ownership Desc:**	Private
ERR Type:		**Operation Type:**	3
Wells Affected Y/N:	N	**Operation Desc:**	Residential
Wells Affected:		**PIRF Min Soil:**	
Samples Taken By:	Y		

Description of Incident: mr parker discontinued use of home heating oil tank when he found water in it. Samples taken under the tank confirm release.

Incident Report

Report Type:	DR	**Approved Date:**	06-Jul-2011 00:00:00
Request Date:		**Implement Date:**	
Received Date:	06-Jul-2011 00:00:00	**Due Date:**	
Reviewed Date:	06-Jul-2011 00:00:00		

PRT ID: 1088896
Report Type Description: Deed Recordation
Comment:

BK:5572 // PG:2809-2812 **Note: Many records provided by the department have a truncated [Comment] field.

Report Type:	IAA	**Approved Date:**	18-Apr-2011 00:00:00
Request Date:		**Implement Date:**	
Received Date:	11-Apr-2011 00:00:00	**Due Date:**	
Reviewed Date:	08-Apr-2011 00:00:00		

PRT ID: 1083543
Report Type Description:
Comment:

rqst lsa **Note: Many records provided by the department have a truncated [Comment] field.

Report Type:	LSA1	**Approved Date:**	18-May-2011 00:00:00
Request Date:		**Implement Date:**	
Received Date:	03-May-2011 00:00:00	**Due Date:**	
Reviewed Date:	18-May-2011 00:00:00		

PRT ID: 1088849
Report Type Description: Limited Site Assmt Phase 1
Comment:

rqst gw nrp **Note: Many records provided by the department have a truncated [Comment] field.

RRA

RRA Date:	18-May-2011 00:00:00	***RRA Rank:***	0048
RRA Init:	mec	***RRA Abate:***	R
RRA Risk:	L		
RRA ID:	43135		

Incident Status

Last Modified:	06-Jul-2011 00:00:00	***Public Meeting Held:***	
Incident Phase:	CO	***Corrective Act Plan:***	
Incid Phase Desc:	Close Out	***SOC Signed:***	
NOV Issued:		***Reclassification Rep:***	
NORR Issued:		***RS Designation:***	
45 Day Report:		***Closure Req Date:***	

UST Incidents

RO Code:	WIL	***Reg:***	N
CD No:	489	***Conf Risk:***	L
Date Reported:	2010/11/23 00:00:00+00	***RRA Date:***	2011/05/19 00:00:00+00
Land Use:		***RRA Risk:***	L
LUR Filed:	2011/07/07 00:00:00+00	***RRA Rank Curr:***	48
LUR Resc:		***RRA Abate:***	R
LUR State:	G	***Risk:***	L
X:	2329232.03880088	***RRA Rank:***	0048
Y:	181188.36189881	***MGR:***	MEC
Comm:	N		
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7582%2A%22%7D		
Object ID:	33545		

RUST Data

MGR:	MEC	***LUR Resc:***	
RO Code:	WIL	***LUR State:***	G
Date Reported:	2010/11/23 00:00:00+00	***SL MGR:***	
Date Reported FY:	2011	***SL Cleanup Strt Dt:***	
Date Occured FY:	2011	***SL Cleanup End Dt:***	
Comm:	N	***SL Site Stat:***	
Reg:	N	***SL Ftfrecdte:***	
Perccomfndelig:	0	***CD NO:***	489
TOT Paid:	18370.56	***RRA Date:***	2011/05/19 00:00:00+00
Conf Risk:	L	***RRA Risk:***	L
Risk:	L	***RRA Rank Curr:***	48
Landuse:		***RRA Abate:***	R
Inc Stat:	Closed	***RRA Rank:***	0048
Closeout FY:	2011	***X:***	2329232.03881598
LUR Filed:	2011/07/07 00:00:00+00	***Y:***	181188.361860068
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7582%2A%22%7D		
Comment:	File pulled for archiving in 2013 **Note: Many records provided by the department have a truncated [Comment] field.		

LUST Database

MGR:	MEC	***Contact:***	CARL PARKER
Regional Office Cd:	WIL	***Telephone:***	9107633954
Date Reported:	11/22/2010	***RP Address:***	2801 WILLOW ST
Release Code:	0	***RP City:***	WILMINGTON
Release Code Desc:		***RP State:***	NC
Source:	3	***RP Zip Code:***	28405
Source Desc:	LEAK, UST	***RP County:***	
Site Priority:		***RP Email:***	
Pollutant Type:	4	***RP Email1:***	
Pollutant Desc:	HEATING OIL	***RP Owner:***	TRUE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Petroleum Type:	P	**RP Operator:**	TRUE
Petrol Type Desc:	PETROLEUM	**RP Land Owner:**	TRUE
COMM:	N	**Lur Status:**	
COMM Desc:	NON COMMERCIAL	**LUR Filed:**	7/6/2011
Regulated Code:	N	**LUR Resc:**	
Reg Code Desc:	NON REGULATED	**LUR State:**	G
Notice Rg Rq Issd:		**GPS Conf:**	99
Notice Violtn Issd:		**RBCA GW:**	
Contamination:	SL	**RBCA GW Desc:**	
Cleanup:	11/22/2010	**RBCA:**	
Conf Risk:	L	**RBCA Desc:**	
Risk:	L	**CD No:**	489
Land Use:		**Reel No:**	0
Land Use Desc:		**ERR CD:**	NO
Phase Reqrd:		**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:	0	**New Source:**	
MTBE 1:	U	**Book:**	
RP Company:		**Page:**	
HCS Ref:			
Comment:			

File pulled for archiving in 2013 **Note: Many records provided by the department have a truncated [Comment] field.

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25 | ***1 of 1*** | ***SW*** | ***0.23 / 1,214.32*** | ***26.43 / 1*** | ***Willow Street - 2713***
2713 Willow Street
Wilmington NC 28405 | ***LUST***

Incdnt No (DWM Map):	47429	**Incident No:**	47429
Fac ID (DWM Map):		**Facility ID:**	
UST No (DWM Map):	WI-28170	**UST No:**	WI-28170
Curr Stat (DWM Map):	Current Record	**Current Status:**	C
Close Out(DWMMap):	2021/03/11 00:00:00+00	**Status Title:**	Current Record
Dt Occur (DWM Map):	2020/12/13 00:00:00+00	**Close Out:**	3/10/2021
Incident (DWM Map):	Willow Street - 2713	**Date Occurred:**	12/12/2020
Address (DWM Map):	2713 Willow Street	**Contam Type:**	Groundwater/Both
County (DWM Map):	NEW H	**Cleanup:**	12/12/2020
City (DWM Map):	Wilmington	**County:**	NEW H
Zip Code (DWM Map):	28405	**Latitude:**	34.242976
Latitude (DWM Map):	34.242976	**Longitude:**	-77.910884
Long (DWM Map):	-77.910884		

Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (PIRF); RUST Incident Management Database (STATUS)

Incident Details

Release Code:	4	**Samples Include:**	
Release Cause:	7	**7.5 Min Quad:**	
Release Source:	A	**5 Min Quad:**	
Type:	4	**Submitted Date:**	
Location:	7	**I Ownership:**	
Site Priority:		**Owner Operator:**	
Priority Update:		**Ownership:**	4
Source Type:	2	**Ownership Desc:**	Private
ERR Type:		**Operation Type:**	3
Wells Affected Y/N:	N	**Operation Desc:**	Residential
Wells Affected:		**PIRF Min Soil:**	
Samples Taken By:	N		
Description of Incident:			

Incident Status

Last Modified:		***Public Meeting Held:***	
Incident Phase:	CO	***Corrective Act Plan:***	
Incid Phase Desc:	Close Out	***SOC Signed:***	
NOV Issued:		***Reclassification Rep:***	
NORR Issued:		***RS Designation:***	
45 Day Report:		***Closure Req Date:***	

UST Incidents

RO Code:	WIL	***Reg:***	N
CD No:		***Conf Risk:***	L
Date Reported:	2020/12/13 00:00:00+00	***RRA Date:***	
Land Use:		***RRA Risk:***	
LUR Filed:	2021/01/05 00:00:00+00	***RRA Rank Curr:***	0
LUR Resc:		***RRA Abate:***	
LUR State:	B	***Risk:***	L
X:	2329169.96215339	***RRA Rank:***	
Y:	181226.260773137	***MGR:***	LEP
Comm:	N		
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-28170%2A%22%7D		
Object ID:	43098		

RUST Data

MGR:	LEP	***LUR Resc:***	
RO Code:	WIL	***LUR State:***	B
Date Reported:	2020/12/13 00:00:00+00	***SL MGR:***	
Date Reported FY:	2021	***SL Cleanup Strt Dt:***	
Date Occured FY:	2021	***SL Cleanup End Dt:***	
Comm:	N	***SL Site Stat:***	
Reg:	N	***SL Ftfrecdte:***	
Perccomfndelig:		***CD NO:***	
TOT Paid:		***RRA Date:***	
Conf Risk:	L	***RRA Risk:***	
Risk:	L	***RRA Rank Curr:***	0
Landuse:		***RRA Abate:***	
Inc Stat:	Closed	***RRA Rank:***	
Closeout FY:	2021	***X:***	2329169.96199896
LUR Filed:	2021/01/05 00:00:00+00	***Y:***	181226.260859585
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-28170%2A%22%7D		
Comment:	NRP placed on soil and GW recorded in deed book 6396, pages 821-824.		

LUST Database

MGR:	LEP	***Contact:***	Chris Wright
Regional Office Cd:	WIL	***Telephone:***	7745735746
Date Reported:	12/12/2020	***RP Address:***	2713 Willow Street
Release Code:		***RP City:***	Wilmington
Release Code Desc:		***RP State:***	NC
Source:	3	***RP Zip Code:***	28405
Source Desc:	LEAK, UST	***RP County:***	
Site Priority:		***RP Email:***	
Pollutant Type:	4	***RP Email1:***	
Pollutant Desc:	HEATING OIL	***RP Owner:***	FALSE
Petroleum Type:	P	***RP Operator:***	FALSE
Petrol Type Desc:	PETROLEUM	***RP Land Owner:***	TRUE
COMM:	N	***Lur Status:***	
COMM Desc:	NON COMMERCIAL	***LUR Filed:***	1/4/2021
Regulated Code:	N	***LUR Resc:***	
Reg Code Desc:	NON REGULATED	***LUR State:***	B

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Notice Rg Rq Issd:		**GPS Conf:**	31
Notice Violtn Issd:		**RBCA GW:**	G2
Contamination:	GW	**RBCA GW Desc:**	Cleanups to alternate standards
Cleanup:	12/12/2020	**RBCA:**	S1
Conf Risk:	L	**RBCA Desc:**	Residential
Risk:	L	**CD No:**	
Land Use:		**Reel No:**	
Land Use Desc:		**ERR CD:**	NO
Phase Reqrd:		**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:	0	**New Source:**	
MTBE 1:	U	**Book:**	
RP Company:		**Page:**	821
HCS Ref:	Google Earth		
Comment:			

NRP placed on soil and GW recorded in deed book 6396, pages 821-824.

26	1 of 1	SE	0.23 / 1,215.06	38.55 / 13	Seven Day Laundromat 405 Henry Street, Wilmington,NC NC	DRYC CITY DIR

X:	-77.902662
Y:	34.2446088

Details

Comment :	Wilmington 1975 City Directory, Laundries - Self Serve Listing

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27	1 of 1	SW	0.24 / 1,244.20	25.20 / 0	Willow Street - 2711 2711 Willow St Wilmington NC 28405	LUST

Incdnt No (DWM Map):	47441	**Incident No:**	47441
Fac ID (DWM Map):		**Facility ID:**	
UST No (DWM Map):	WI-28180	**UST No:**	WI-28180
Curr Stat (DWM Map):	Current Record	**Current Status:**	C
Close Out(DWMMap):	2021/04/17 00:00:00+00	**Status Title:**	Current Record
Dt Occur (DWM Map):	2020/12/19 00:00:00+00	**Close Out:**	4/16/2021
Incident (DWM Map):	Willow Street - 2711	**Date Occurred:**	12/18/2020
Address (DWM Map):	2711 Willow St	**Contam Type:**	Soil
County (DWM Map):	NEW H	**Cleanup:**	12/18/2020
City (DWM Map):	Wilmington	**County:**	NEW H
Zip Code (DWM Map):	28405	**Latitude:**	34.243017
Latitude (DWM Map):	34.243017	**Longitude:**	-77.911116
Long (DWM Map):	-77.911116		
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		
Data Source:	Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (PIRF); RUST Incident Management Database (STATUS)		

Incident Details

Release Code:	1	**Samples Include:**	
Release Cause:	7	**7.5 Min Quad:**	
Release Source:	A	**5 Min Quad:**	
Type:	4	**Submitted Date:**	
Location:	7	**I Ownership:**	
Site Priority:		**Owner Operator:**	
Priority Update:		**Ownership:**	4

Source Type:	2	**Ownership Desc:**	Private
ERR Type:		**Operation Type:**	3
Wells Affected Y/N:	N	**Operation Desc:**	Residential
Wells Affected:		**PIRF Min Soil:**	
Samples Taken By:	Y		
Description of Incident:			

Incident Status

Last Modified:		**Public Meeting Held:**	
Incident Phase:	CO	**Corrective Act Plan:**	
Incid Phase Desc:	Close Out	**SOC Signed:**	
NOV Issued:		**Reclassification Rep:**	
NORR Issued:		**RS Designation:**	
45 Day Report:		**Closure Req Date:**	

UST Incidents

RO Code:	WIL	**Reg:**	N
CD No:		**Conf Risk:**	L
Date Reported:	2020/12/22 00:00:00+00	**RRA Date:**	
Land Use:		**RRA Risk:**	
LUR Filed:	2021/02/17 00:00:00+00	**RRA Rank Curr:**	0
LUR Resc:		**RRA Abate:**	
LUR State:	B	**Risk:**	L
X:	2329099.6824383	**RRA Rank:**	
Y:	181240.412319645	**MGR:**	LEP
Comm:	N		
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-28180%2A%22%7D		
Object ID:	43110		

RUST Data

MGR:	LEP	**LUR Resc:**	
RO Code:	WIL	**LUR State:**	B
Date Reported:	2020/12/22 00:00:00+00	**SL MGR:**	
Date Reported FY:	2021	**SL Cleanup Strt Dt:**	
Date Occured FY:	2021	**SL Cleanup End Dt:**	
Comm:	N	**SL Site Stat:**	
Reg:	N	**SL Ftfrecdte:**	
Perccomfndelig:		**CD NO:**	
TOT Paid:		**RRA Date:**	
Conf Risk:	L	**RRA Risk:**	
Risk:	L	**RRA Rank Curr:**	0
Landuse:		**RRA Abate:**	
Inc Stat:	Closed	**RRA Rank:**	
Closeout FY:	2021	**X:**	2329099.68258149
LUR Filed:	2021/02/17 00:00:00+00	**Y:**	181240.412369897
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-28180%2A%22%7D		
Comment:			

LUST Database

MGR:	LEP	**Contact:**	Doug Gamble
Regional Office Cd:	WIL	**Telephone:**	9105240345
Date Reported:	12/21/2020	**RP Address:**	2711 Willow Street
Release Code:		**RP City:**	Wilmington
Release Code Desc:		**RP State:**	NC
Source:	3	**RP Zip Code:**	28405
Source Desc:	LEAK, UST	**RP County:**	
Site Priority:		**RP Email:**	
Pollutant Type:	4	**RP Email1:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Pollutant Desc:	HEATING OIL	**RP Owner:**	FALSE
Petroleum Type:	P	**RP Operator:**	FALSE
Petrol Type Desc:	PETROLEUM	**RP Land Owner:**	TRUE
COMM:	N	**Lur Status:**	
COMM Desc:	NON COMMERCIAL	**LUR Filed:**	2/16/2021
Regulated Code:	N	**LUR Resc:**	
Reg Code Desc:	NON REGULATED	**LUR State:**	B
Notice Rg Rq Issd:		**GPS Conf:**	31
Notice Violtn Issd:		**RBCA GW:**	G2
Contamination:	SL	**RBCA GW Desc:**	Cleanups to alternate standards
Cleanup:	12/18/2020	**RBCA:**	S1
Conf Risk:	L	**RBCA Desc:**	Residential
Risk:	L	**CD No:**	
Land Use:		**Reel No:**	
Land Use Desc:		**ERR CD:**	NO
Phase Reqrd:		**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:	0	**New Source:**	
MTBE 1:	U	**Book:**	
RP Company:		**Page:**	996
HCS Ref:	Google Earth		
Comment:			

28	***1 of 2***	***S***	***0.24 / 1,248.80***	***33.51 / 8***	***JACOB PROPERTY 2915 CHESTNUT STREET WILMINGTON NC 28405***	***LUST***

Incdnt No (DWM Map):	32140	**Incident No:**	32140
Fac ID (DWM Map):		**Facility ID:**	
UST No (DWM Map):	WI-2402	**UST No:**	WI-2402
Curr Stat (DWM Map):	Archived	**Current Status:**	A
Close Out(DWMMap):	2004/12/10 00:00:00+00	**Status Title:**	Archived
Dt Occur (DWM Map):	2004/04/07 00:00:00+00	**Close Out:**	12/9/2004
Incident (DWM Map):	JACOB PROPERTY	**Date Occurred:**	4/6/2004
Address (DWM Map):	2915 CHESTNUT STREET	**Contam Type:**	Soil
County (DWM Map):	NEW H	**Cleanup:**	4/6/2004
City (DWM Map):	WILMINGTON	**County:**	NEW H
Zip Code (DWM Map):	28405	**Latitude:**	34.242135
Latitude (DWM Map):	34.242135	**Longitude:**	-77.908362
Long (DWM Map):	-77.908362		
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		
Data Source:	Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (STATUS)		

Incident Details

Release Code:	2	**Samples Include:**	
Release Cause:		**7.5 Min Quad:**	
Release Source:	C	**5 Min Quad:**	
Type:	4	**Submitted Date:**	07-Apr-2004 00:00:00
Location:	7	**I Ownership:**	4
Site Priority:		**Owner Operator:**	
Priority Update:		**Ownership:**	4
Source Type:	C	**Ownership Desc:**	Private
ERR Type:		**Operation Type:**	3
Wells Affected Y/N:		**Operation Desc:**	Residential
Wells Affected:		**PIRF Min Soil:**	
Samples Taken By:	y		
Description of Incident:	Soil Contamination confirmed by TPH analysis during heating oil tank removal. TPH DRO 12000 ppm.		

Incident Report

Report Type:	20DAY	***Approved Date:***	01-Jun-2004 00:00:00
Request Date:		***Implement Date:***	
Received Date:	18-May-2004 00:00:00	***Due Date:***	
Reviewed Date:	01-Jun-2004 00:00:00		
PRT ID:	1086374		
Report Type Description:	20 Day Report		
Comment:			

46.24 tons of contaminated soils removed during excavation of heating oil tank. Remaining soils are below residential mscc, but above soil-to-groundwater mscc.

Report Type:	LSA1	***Approved Date:***	31-Aug-2004 00:00:00
Request Date:		***Implement Date:***	
Received Date:	26-Aug-2004 00:00:00	***Due Date:***	
Reviewed Date:	31-Aug-2004 00:00:00		
PRT ID:	1082378		
Report Type Description:	Limited Site Assmt Phase 1		
Comment:			

groundwater below 2L, all constituents BDL; Soil above soil-to-groundwater, but below residential mscc.

Report Type:	PN	***Approved Date:***	16-Dec-2004 00:00:00
Request Date:		***Implement Date:***	
Received Date:	09-Dec-2004 00:00:00	***Due Date:***	
Reviewed Date:	16-Dec-2004 00:00:00		
PRT ID:	1086425		
Report Type Description:	Public Notification		
Comment:			

NFA **Note: Many records provided by the department have a truncated [Comment] field.

Incident Status

Last Modified:	09-Dec-2004 00:00:00	***Public Meeting Held:***	
Incident Phase:	CO	***Corrective Act Plan:***	
Incid Phase Desc:	Close Out	***SOC Signed:***	
NOV Issued:		***Reclassification Rep:***	
NORR Issued:	01-Jun-2004 00:00:00	***RS Designation:***	
45 Day Report:		***Closure Req Date:***	

UST Incidents

RO Code:	WIL	***Reg:***	N
CD No:	272	***Conf Risk:***	L
Date Reported:	2004/04/08 00:00:00+00	***RRA Date:***	
Land Use:	RES	***RRA Risk:***	
LUR Filed:		***RRA Rank Curr:***	0
LUR Resc:		***RRA Abate:***	
LUR State:		***Risk:***	L
X:	2329935.53411305	***RRA Rank:***	
Y:	180928.576657221	***MGR:***	JDP
Comm:	N		
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-2402%2A%22%7D		
Object ID:	33011		

RUST Data

MGR:	JDP	***LUR Resc:***	
RO Code:	WIL	***LUR State:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Date Reported:	2004/04/08 00:00:00+00	**SL MGR:**	
Date Reported FY:	2004	**SL Cleanup Strt Dt:**	
Date Occured FY:	2004	**SL Cleanup End Dt:**	
Comm:	N	**SL Site Stat:**	
Reg:	N	**SL Ftfrecdte:**	
Perccomfndelig:	0	**CD NO:**	272
TOT Paid:	18505.24	**RRA Date:**	
Conf Risk:	L	**RRA Risk:**	
Risk:	L	**RRA Rank Curr:**	0
Landuse:	RES	**RRA Abate:**	
Inc Stat:	Closed	**RRA Rank:**	
Closeout FY:	2005	**X:**	2329935.53413648
LUR Filed:		**Y:**	180928.576680582

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-2402%2A%22%7D

Comment: Closure soil sample TPH DRO 12000 ppm. NFA - Public Notification due before close out.

LUST Database

MGR:	JDP	**Contact:**	MS. CONNIE JACOB
Regional Office Cd:	WIL	**Telephone:**	9107621868
Date Reported:	4/7/2004	**RP Address:**	2915 CHESTNUT ST.
Release Code:	0	**RP City:**	WILMINGTON
Release Code Desc:		**RP State:**	NC
Source:	3	**RP Zip Code:**	28405
Source Desc:	LEAK, UST	**RP County:**	
Site Priority:		**RP Email:**	
Pollutant Type:	4	**RP Email1:**	
Pollutant Desc:	HEATING OIL	**RP Owner:**	TRUE
Petroleum Type:	P	**RP Operator:**	TRUE
Petrol Type Desc:	PETROLEUM	**RP Land Owner:**	TRUE
COMM:	N	**Lur Status:**	
COMM Desc:	NON COMMERCIAL	**LUR Filed:**	
Regulated Code:	N	**LUR Resc:**	
Reg Code Desc:	NON REGULATED	**LUR State:**	
Notice Rg Rq Issd:		**GPS Conf:**	99
Notice Violtn Issd:		**RBCA GW:**	G1
Contamination:	SL	**RBCA GW Desc:**	Cleanups to 2L.0202 standards
Cleanup:	4/6/2004	**RBCA:**	S1
Conf Risk:	L	**RBCA Desc:**	Residential
Risk:	L	**CD No:**	272
Land Use:	RES	**Reel No:**	0
Land Use Desc:	Residential	**ERR CD:**	
Phase Reqrd:	1	**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:	0	**New Source:**	
MTBE 1:	N	**Book:**	
RP Company:		**Page:**	
HCS Ref:			
Comment:			

Closure soil sample TPH DRO 12000 ppm. NFA - Public Notification due before close out.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
28	2 of 2	S	0.24 / 1,248.80	33.51 / 8	Jacob Property 2915 Chestnut St Wilmington NC	LUST TRUST

Incident No: 32140
Facility ID: NA
Site County: New Hanover
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Details

Archive Submit No:	4209.0055	***3rd Party Deduct:***	$0.00
CD No:	STF 14	***Sum 3rd Party Amts:***	$0.00
UST No:	WI-2402	***Deduct Determine:***	0
Priority Rank:		***Deductible Amount:***	$0.00
Priority Rank Desc:		***Deductible Reason1:***	
Site Eligible?:	Yes	***Deductible Reason2:***	
% Commercial Fund:	0.0	***Inel App:***	
Reimbursement Form:	No		
Site Note:			

29	*1 of 1*	*SSW*	*0.26 / 1,350.05*	*29.37 / 4*	***WILLOW STREET- 2802*** ***2802 WILLOW STREET*** ***WILMINGTON NC***	***LUR***

Prj No:	WI-7797	***Certification:***	None
Prj Status:	No Further Action	***Deed Bk:***	
Contam Src:	UST System	***Deed Pg:***	
Instrument Status:	Effective	***Plat Bk:***	
Instrument:	Notice and Restriction	***Plat Pg:***	
Rec Date:	7/21/2014	***Plat Link 1:***	
Plat Rec Date:		***Deed Link 1:***	Recorded Document Link
Deed Date:	Recorded 7-21-2014	***Prj County:***	New Hanover
Plat Date:		***X:***	2329257.3681465536
Restricted Media:	Multi-Media	***Y:***	181020.0400569737
Allowed Use:	Media Restrictions Only		
COC:	Multi COC		
DWM Program:	Underground Storage Tank Section		
Deed:			
Plat:			
DWM Contact:	Wilmington Regional Office (910) 796-7215		
Deed Link:	https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7797%2A%22%7D		
Plat Link URL:			
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		

30	*1 of 2*	*SSW*	*0.26 / 1,350.05*	*29.37 / 4*	***WILLOW STREET- 2802*** ***2802 WILLOW STREET*** ***WILMINGTON NC 28405***	***LUST***

Incdnt No (DWM Map):	32875	***Incident No:***	32875
Fac ID (DWM Map):		***Facility ID:***	
UST No (DWM Map):	WI-7797	***UST No:***	WI-7797
Curr Stat (DWM Map):	Archived	***Current Status:***	A
Close Out(DWMMap):	2014/08/13 00:00:00+00	***Status Title:***	Archived
Dt Occur (DWM Map):	2013/08/16 00:00:00+00	***Close Out:***	8/12/2014
Incident (DWM Map):	WILLOW STREET- 2802	***Date Occurred:***	8/15/2013
Address (DWM Map):	2802 WILLOW STREET	***Contam Type:***	Groundwater/Both
County (DWM Map):	NEW H	***Cleanup:***	8/15/2013
City (DWM Map):	WILMINGTON	***County:***	NEW H
Zip Code (DWM Map):	28405	***Latitude:***	34.2424
Latitude (DWM Map):	34.2424	***Longitude:***	-77.9106
Long (DWM Map):	-77.9106		
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		
Data Source:	Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (RRA); RUST Incident Management Database (STATUS)		

Incident Details

Release Code: 2
Release Cause: 3
Release Source: A
Type: 4
Location: 7
Site Priority:
Priority Update:
Source Type: P
ERR Type:
Wells Affected Y/N: N
Wells Affected:
Samples Taken By: N
Description of Incident:

Samples Include:
7.5 Min Quad:
5 Min Quad:
Submitted Date: 23-Aug-2013 00:00:00
I Ownership: 4
Owner Operator:
Ownership: 4
Ownership Desc: Private
Operation Type: 3
Operation Desc: Residential
PIRF Min Soil:

Incident Report

Report Type: DR
Request Date: 16-Jan-2014 00:00:00
Received Date: 24-Jul-2014 00:00:00
Reviewed Date:
PRT ID: 1087399
Report Type Description: Deed Recordation
Comment:

Approved Date:
Implement Date:
Due Date:

NORR for NRP sent. WER/// WER signed NRP 6.20.2014/// filed 7.22.2014 BK: 5828 PG: 224-229 2014018999//VM **Note: Many records provided by the department have a truncated [Comment] field.

Report Type: PN
Request Date:
Received Date: 22-Oct-2014 00:00:00
Reviewed Date: 22-Oct-2014 00:00:00
PRT ID: 1091119
Report Type Description: Public Notification
Comment:

Approved Date: 22-Oct-2014 00:00:00
Implement Date:
Due Date:

pubilc notice sent out to
new hanover county manageer
Mr. Sterling cheatham city manager
Jack Levy
James Craven
Matthew Zeko
NH health department
Carl Parker
Jean Godwin **Note: Many records provided by the department have a truncated [Comment] field.

Report Type: OTH
Request Date: 29-Jun-2014 00:00:00
Received Date: 29-Jun-2014 00:00:00
Reviewed Date: 29-Jun-2014 00:00:00
PRT ID: 1090568
Report Type Description: Other (Comments Required)
Comment:

Approved Date: 29-Jun-2014 00:00:00
Implement Date:
Due Date:

MW-1 abandoned
19' , 2" well
30 lbs of bentonite **Note: Many records provided by the department have a truncated [Comment] field.

Report Type: LSA1
Request Date:
Received Date: 13-Jan-2014 00:00:00
Reviewed Date: 14-Jan-2014 00:00:00
PRT ID: 1087389
Report Type Description: Limited Site Assmt Phase 1
Comment:

Approved Date: 15-Jan-2014 00:00:00
Implement Date:
Due Date:

No wells in the area so it was ranked the site as L 80 D and sent out NORR for NRP on 1/15/2014 **Note: Many records provided by the department have a truncated [Comment] field.

Report Type: 20DAY
Request Date:
Received Date: 17-Oct-2013 00:00:00
Reviewed Date: 17-Oct-2013 00:00:00
PRT ID: 1087102
Report Type Description: 20 Day Report
Comment:
Approved Date: 17-Oct-2013 00:00:00
Implement Date:
Due Date:

270 gallon oil tank was closed in place with the tank being underneath the houses foundation. Soil was excavated on the south side of the tank. 19.32 tons of soil was removed from site. Soil sample results showed TPH GRO 112ppm and DRO 5200ppm. NORR for LSA sent out 10/7/2013 because it was abandoned in place the IAA is skipped **Note: Many records provided by the department have a truncated [Comment] field.

Report Type: IAA
Request Date:
Received Date: 04-Nov-2013 00:00:00
Reviewed Date: 04-Nov-2013 00:00:00
PRT ID: 1087117
Report Type Description:
Comment:
Approved Date:
Implement Date:
Due Date:

Soil contamination still exists above soil to water and residential at this site, tank was closed in place Sample WS - SW 1 shows n-Butylbenzene 8700ppm, sec-Butylbenzene 5400ppm, tert-Butylbenzene 8730 isopropyl benzene 4250ppm, p-Isopropyltoluene 4740ppm, Naphthalene 67100ppm n-Propyl benzene 6760ppm, 1,2,4-Trimethylbenzene 61000ppm, 1,3,5 Trimethylbenzene 15600ppm, m,p-Xylene 12200 ppm, o-Xylene 8280ppm, 2-Methylnaphthalene 83800ppm, Naphthalene 20600ppmC9-C11 Aliphatics 11743000ppm, C9-C22 Aromatics 2852000ppm and in WS-Center C9-C22 Aromatics 41652 ppm LSA request has already been sent on 10/7/2013. VM **Note: Many records provided by the department have a truncated [Comment] field.

RRA

RRA Date: 14-Jan-2014 00:00:00
RRA Init: VM
RRA Risk: L
RRA ID: 43264
RRA Rank: 0080
RRA Abate: D

Incident Status

Last Modified: 12-Aug-2014 00:00:00
Incident Phase: CO
Incid Phase Desc: Close Out
NOV Issued:
NORR Issued:
45 Day Report:
Public Meeting Held:
Corrective Act Plan:
SOC Signed:
Reclassification Rep:
RS Designation:
Closure Req Date:

UST Incidents

RO Code: WIL
CD No: 582
Date Reported: 2013/08/23 00:00:00+00
Land Use: RES
LUR Filed: 2014/07/23 00:00:00+00
LUR Resc:
LUR State: B
X: 2329258.09386688
Y: 181017.585009396
Comm: N
Reg: N
Conf Risk: L
RRA Date: 2014/01/15 00:00:00+00
RRA Risk: L
RRA Rank Curr: 80
RRA Abate: D
Risk: L
RRA Rank: 0080
MGR: VM
Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7797%2A%22%7D
Object ID: 33734

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

RUST Data

MGR:	VM	***LUR Resc:***	
RO Code:	WIL	***LUR State:***	B
Date Reported:	2013/08/23 00:00:00+00	***SL MGR:***	
Date Reported FY:	2013	***SL Cleanup Strt Dt:***	
Date Occured FY:	2013	***SL Cleanup End Dt:***	
Comm:	N	***SL Site Stat:***	
Reg:	N	***SL Ftfrecdte:***	
Perccomfndelig:	0	***CD NO:***	582
TOT Paid:	12109.02	***RRA Date:***	2014/01/15 00:00:00+00
Conf Risk:	L	***RRA Risk:***	L
Risk:	L	***RRA Rank Curr:***	80
Landuse:	RES	***RRA Abate:***	D
Inc Stat:	Closed	***RRA Rank:***	0080
Closeout FY:	2014	***X:***	2329258.09379733
LUR Filed:	2014/07/23 00:00:00+00	***Y:***	181017.58485659

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7797%2A%22%7D

Comment: Property owner is Mr. Jack Levy Monitoring well and LSA requested because the tank was abandoned in place. Closed out based on NRP 8/12/2014. File pulled for archiving in 9/2015 **Note: Many records provided by the department have a truncated [Comment] field.

LUST Database

MGR:	VM	***Contact:***	MR. JEAN LAWLER
Regional Office Cd:	WIL	***Telephone:***	
Date Reported:	8/22/2013	***RP Address:***	6 ROBERTS E. LEE DRIVE
Release Code:	0	***RP City:***	WILMINGTON
Release Code Desc:		***RP State:***	NC
Source:	3	***RP Zip Code:***	28412
Source Desc:	LEAK, UST	***RP County:***	
Site Priority:		***RP Email:***	
Pollutant Type:	4	***RP Email1:***	
Pollutant Desc:	HEATING OIL	***RP Owner:***	FALSE
Petroleum Type:	P	***RP Operator:***	FALSE
Petrol Type Desc:	PETROLEUM	***RP Land Owner:***	FALSE
COMM:	N	***Lur Status:***	
COMM Desc:	NON COMMERCIAL	***LUR Filed:***	7/22/2014
Regulated Code:	N	***LUR Resc:***	
Reg Code Desc:	NON REGULATED	***LUR State:***	B
Notice Rg Rq Issd:		***GPS Conf:***	90
Notice Violtn Issd:		***RBCA GW:***	G2
Contamination:	GW	***RBCA GW Desc:***	Cleanups to alternate standards
Cleanup:	8/15/2013	***RBCA:***	S1
Conf Risk:	L	***RBCA Desc:***	Residential
Risk:	L	***CD No:***	582
Land Use:	RES	***Reel No:***	0
Land Use Desc:	Residential	***ERR CD:***	NO
Phase Reqrd:		***Valid:***	TRUE
Intrmdt Cndition:		***Cat Code:***	
Corr Act Plan Cd:		***HCS Res:***	
CAP Desc:		***Reliability:***	
Clos Reqsd:		***Supply Well:***	0
MTBE:	0	***New Source:***	
MTBE 1:	N	***Book:***	
RP Company:		***Page:***	
HCS Ref:			
Comment:			

Property owner is Mr. Jack Levy Monitoring well and LSA requested because the tank was abandoned in place. Closed out based on NRP 8/12/2014. File pulled for archiving in 9/2015 **Note: Many records provided by the department have a truncated [Comment] field.

30	*2 of 2*	*SSW*	*0.26 / 1,350.05*	*29.37 / 4*	***Willow Street - 2802*** ***2802 Willow Street*** ***Wilmington NC***	***LUST TRUST***

Incident No: 32875
Facility ID:
Site County: New Hanover
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Details

Archive Submit No:	NA	**3rd Party Deduct:**	$0.00
CD No:	NA	**Sum 3rd Party Amts:**	$0.00
UST No:	WI-7797	**Deduct Determine:**	0
Priority Rank:		**Deductible Amount:**	$2,000.00
Priority Rank Desc:		**Deductible Reason1:**	
Site Eligible?:	Yes	**Deductible Reason2:**	
% Commercial Fund:	0.0	**Inel App:**	
Reimbursement Form:	Yes		

Site Note: Noncommercial; first apply a $1,000 deductible then reimburse 90% of subsequent approved costs until a maximum deductible of $2,000 is reached. Then reimburse at 100%. [CGS 2/10/14] this should be the last claim per Scott 12/17/14 swb (scanned 03/08/2018 swb)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
31	1 of 1	SSW	0.27 / 1,403.23	33.62 / 8	Chestnut Street -2819 2819 Chestnut Street Wilmington NC 28405	LUST

Incdnt No (DWM Map):	43201	**Incident No:**	43201
Fac ID (DWM Map):		**Facility ID:**	
UST No (DWM Map):	WI-8221	**UST No:**	WI-8221
Curr Stat (DWM Map):	Current Record	**Current Status:**	C
Close Out(DWMMap):	2020/09/04 00:00:00+00	**Status Title:**	Current Record
Dt Occur (DWM Map):	2019/12/06 00:00:00+00	**Close Out:**	9/3/2020
Incident (DWM Map):	Chestnut Street -2819	**Date Occurred:**	12/5/2019
Address (DWM Map):	2819 Chestnut Street	**Contam Type:**	Groundwater/Both
County (DWM Map):	NEW H	**Cleanup:**	12/5/2019
City (DWM Map):	Wilmington	**County:**	NEW H
Zip Code (DWM Map):	28405	**Latitude:**	34.242008
Latitude (DWM Map):	34.242008	**Longitude:**	-77.909888
Long (DWM Map):	-77.909888		

Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx
Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (PIRF); RUST Incident Management Database (STATUS)

Incident Details

Release Code:		**Samples Include:**	
Release Cause:		**7.5 Min Quad:**	
Release Source:		**5 Min Quad:**	
Type:		**Submitted Date:**	16-Dec-2019 00:00:00
Location:		**I Ownership:**	
Site Priority:		**Owner Operator:**	
Priority Update:		**Ownership:**	
Source Type:		**Ownership Desc:**	
ERR Type:		**Operation Type:**	
Wells Affected Y/N:		**Operation Desc:**	
Wells Affected:		**PIRF Min Soil:**	
Samples Taken By:			
Description of Incident:			

Incident Status

Last Modified:	03-Sep-2020 00:00:00	**Public Meeting Held:**	
Incident Phase:	CO	**Corrective Act Plan:**	

Incid Phase Desc:	Close Out	**SOC Signed:**	
NOV Issued:		**Reclassification Rep:**	
NORR Issued:		**RS Designation:**	
45 Day Report:		**Closure Req Date:**	

UST Incidents

RO Code:	WIL	**Reg:**	N
CD No:		**Conf Risk:**	L
Date Reported:	2019/12/07 00:00:00+00	**RRA Date:**	
Land Use:		**RRA Risk:**	
LUR Filed:	2020/02/13 00:00:00+00	**RRA Rank Curr:**	0
LUR Resc:		**RRA Abate:**	
LUR State:	B	**Risk:**	H
X:	2329474.84474573	**RRA Rank:**	
Y:	180877.290670559	**MGR:**	LEP
Comm:	N		

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-8221%2A%22%7D

Object ID: 40701

RUST Data

MGR:	LEP	**LUR Resc:**	
RO Code:	WIL	**LUR State:**	B
Date Reported:	2019/12/07 00:00:00+00	**SL MGR:**	
Date Reported FY:	2020	**SL Cleanup Strt Dt:**	
Date Occured FY:	2020	**SL Cleanup End Dt:**	
Comm:	N	**SL Site Stat:**	
Reg:	N	**SL Ftfrecdte:**	
Perccomfndelig:		**CD NO:**	
TOT Paid:		**RRA Date:**	
Conf Risk:	L	**RRA Risk:**	
Risk:	H	**RRA Rank Curr:**	0
Landuse:		**RRA Abate:**	
Inc Stat:	Closed	**RRA Rank:**	
Closeout FY:	2020	**X:**	2329474.84470439
LUR Filed:	2020/02/13 00:00:00+00	**Y:**	180877.290589872

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-8221%2A%22%7D

Comment: WSW's within 150 feet , need to be sampled and/or abandoned before NFA. OR could install MW in source area to determine GW contamination. Abandoned on-site WSW and determined no other WSW's are within 150 feet. NRP and NFA.

LUST Database

MGR:	LEP	**Contact:**	Brian Schimmel
Regional Office Cd:	WIL	**Telephone:**	9104714425
Date Reported:	12/6/2019	**RP Address:**	313 Sumter Ave
Release Code:		**RP City:**	Carolina Beach
Release Code Desc:		**RP State:**	NC
Source:	3	**RP Zip Code:**	28428
Source Desc:	LEAK, UST	**RP County:**	
Site Priority:		**RP Email:**	
Pollutant Type:	4	**RP Email1:**	
Pollutant Desc:	HEATING OIL	**RP Owner:**	FALSE
Petroleum Type:	P	**RP Operator:**	FALSE
Petrol Type Desc:	PETROLEUM	**RP Land Owner:**	TRUE
COMM:	N	**Lur Status:**	
COMM Desc:	NON COMMERCIAL	**LUR Filed:**	2/12/2020
Regulated Code:	N	**LUR Resc:**	
Reg Code Desc:	NON REGULATED	**LUR State:**	B
Notice Rg Rq Issd:		**GPS Conf:**	31
Notice Violtn Issd:		**RBCA GW:**	G2
Contamination:	GW	**RBCA GW Desc:**	Cleanups to alternate standards
Cleanup:	12/5/2019	**RBCA:**	S1

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Conf Risk:	L	**RBCA Desc:**	Residential
Risk:	H	**CD No:**	
Land Use:		**Reel No:**	
Land Use Desc:		**ERR CD:**	NO
Phase Reqrd:		**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:	0	**New Source:**	
MTBE 1:	U	**Book:**	1
RP Company:	BoBu Properties, LLC	**Page:**	1953
HCS Ref:	Google Earth		
Comment:			

WSW's within 150 feet , need to be sampled and/or abandoned before NFA. OR could install MW in source area to determine GW contamination. Abandoned on-site WSW and determined no other WSW's are within 150 feet. NRP and NFA.

32	1 of 1	SW	0.27 / 1,442.19	26.48 / 1	North 27th Street - 302 302 North 27th Street Wilmington NC 28405	LUST

Incdnt No (DWM Map):	43187	**Incident No:**	43187
Fac ID (DWM Map):		**Facility ID:**	
UST No (DWM Map):	WI-8203	**UST No:**	WI-8203
Curr Stat (DWM Map):	Current Record	**Current Status:**	C
Close Out(DWMMap):	2019/10/10 00:00:00+00	**Status Title:**	Current Record
Dt Occur (DWM Map):	2019/07/26 00:00:00+00	**Close Out:**	10/9/2019
Incident (DWM Map):	North 27th Street - 302	**Date Occurred:**	7/25/2019
Address (DWM Map):	302 North 27th Street	**Contam Type:**	None
County (DWM Map):	NEW H	**Cleanup:**	7/25/2019
City (DWM Map):	Wilmington	**County:**	NEW H
Zip Code (DWM Map):	28405	**Latitude:**	34.242738
Latitude (DWM Map):	34.242738	**Longitude:**	-77.911735
Long (DWM Map):	-77.911735		
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		
Data Source:	Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (STATUS)		

Incident Details

Release Code:	4	**Samples Include:**	
Release Cause:	7	**7.5 Min Quad:**	
Release Source:	A	**5 Min Quad:**	
Type:	4	**Submitted Date:**	01-Aug-2019 00:00:00
Location:	8	**I Ownership:**	4
Site Priority:		**Owner Operator:**	
Priority Update:		**Ownership:**	4
Source Type:	P	**Ownership Desc:**	Private
ERR Type:		**Operation Type:**	1
Wells Affected Y/N:		**Operation Desc:**	Public Service
Wells Affected:		**PIRF Min Soil:**	
Samples Taken By:	N		
Description of Incident:			

Incident Report

Report Type:	OTH	**Approved Date:**	09-Oct-2019 00:00:00
Request Date:		**Implement Date:**	
Received Date:	27-Sep-2019 00:00:00	**Due Date:**	
Reviewed Date:			
PRT ID:	1091996		

Report Type Description: Other (Comments Required)
Comment:

Public Notice. NFA.

Report Type: DR
Request Date:
Received Date: 30-Jul-2019 00:00:00
Reviewed Date:
PRT ID: 1091925
Report Type Description: Deed Recordation
Comment:

Approved Date: 31-Jul-2019 00:00:00
Implement Date:
Due Date:

NRP for soil and GW filed in Deed Book 6237.//.Pages 1399-1404 **Note: Many records provided by the department have a truncated [Comment] field.

Incident Status

Last Modified: 09-Oct-2019 00:00:00
Incident Phase: CO
Incid Phase Desc: Close Out
NOV Issued:
NORR Issued:
45 Day Report:

Public Meeting Held:
Corrective Act Plan:
SOC Signed:
Reclassification Rep:
RS Designation:
Closure Req Date:

UST Incidents

RO Code: WIL
CD No: 0
Date Reported: 2019/07/26 00:00:00+00
Land Use:
LUR Filed: 2019/08/10 00:00:00+00
LUR Resc:
LUR State: B
X: 2328913.71988373
Y: 181136.827224985
Comm: N
Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-8203%2A%22%7D
Object ID: 40687

Reg: N
Conf Risk: L
RRA Date:
RRA Risk:
RRA Rank Curr: 0
RRA Abate:
Risk: L
RRA Rank:
MGR: LEP

RUST Data

MGR: LEP
RO Code: WIL
Date Reported: 2019/07/26 00:00:00+00
Date Reported FY: 2019
Date Occured FY: 2019
Comm: N
Reg: N
Perccomfndelig:
TOT Paid:
Conf Risk: L
Risk: L
Landuse:
Inc Stat: Closed
Closeout FY: 2020
LUR Filed: 2019/08/10 00:00:00+00
Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-8203%2A%22%7D
Comment: NRP on Soil and GW. NFA.

LUR Resc:
LUR State: B
SL MGR:
SL Cleanup Strt Dt:
SL Cleanup End Dt:
SL Site Stat:
SL Ftfrecdte:
CD NO: 0
RRA Date:
RRA Risk:
RRA Rank Curr: 0
RRA Abate:
RRA Rank:
X: 2328913.71972029
Y: 181136.827206606

LUST Database

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

MGR:	LEP	**Contact:**	Ms. Blanche Carmon
Regional Office Cd:	WIL	**Telephone:**	9105128745
Date Reported:	7/25/2019	**RP Address:**	302 North 27th Street
Release Code:	0	**RP City:**	Wilmington
Release Code Desc:		**RP State:**	NC
Source:	3	**RP Zip Code:**	28405
Source Desc:	LEAK, UST	**RP County:**	
Site Priority:		**RP Email:**	
Pollutant Type:	4	**RP Email1:**	
Pollutant Desc:	HEATING OIL	**RP Owner:**	FALSE
Petroleum Type:	P	**RP Operator:**	FALSE
Petrol Type Desc:	PETROLEUM	**RP Land Owner:**	FALSE
COMM:	N	**Lur Status:**	
COMM Desc:	NON COMMERCIAL	**LUR Filed:**	8/9/2019
Regulated Code:	N	**LUR Resc:**	
Reg Code Desc:	NON REGULATED	**LUR State:**	B
Notice Rg Rq Issd:		**GPS Conf:**	30
Notice Violtn Issd:		**RBCA GW:**	G2
Contamination:	NO	**RBCA GW Desc:**	Cleanups to alternate standards
Cleanup:	7/25/2019	**RBCA:**	S1
Conf Risk:	L	**RBCA Desc:**	Residential
Risk:	L	**CD No:**	0
Land Use:		**Reel No:**	0
Land Use Desc:		**ERR CD:**	NO
Phase Reqrd:		**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:	0	**New Source:**	
MTBE 1:	U	**Book:**	
RP Company:		**Page:**	
HCS Ref:			
Comment:			

NRP on Soil and GW. NFA.

33	*1 of 2*	*S*	*0.29 / 1,534.87*	*31.75 / 6*	***Chestnut St- 2914*** ***2914 Chestnut St*** ***Wilmington NC***	***LUST TRUST***

Incident No:	32555
Facility ID:	
Site County:	New Hanover
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Details

Archive Submit No:		**3rd Party Deduct:**	$0.00
CD No:		**Sum 3rd Party Amts:**	$0.00
UST No:	WI-7443	**Deduct Determine:**	0
Priority Rank:		**Deductible Amount:**	$0.00
Priority Rank Desc:		**Deductible Reason1:**	
Site Eligible?:	Yes	**Deductible Reason2:**	
% Commercial Fund:	0.0	**Inel App:**	
Reimbursement Form:	No		
Site Note:	Noncommercial; 100% eligible; $0 deductible.[CGS 9/14/09]		

33	*2 of 2*	*S*	*0.29 / 1,534.87*	*31.75 / 6*	***CHESTNUT ST-2914*** ***2914 CHESTNUT ST*** ***WILMINGTON NC***	***LUR***

Prj No:	WI-7443	**Certification:**	None

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Prj Status:	No Further Action	**Deed Bk:**	
Contam Src:	UST System	**Deed Pg:**	
Instrument Status:	Effective	**Plat Bk:**	
Instrument:	Notice and Restriction	**Plat Pg:**	
Rec Date:	11/19/2009	**Plat Link 1:**	
Plat Rec Date:		**Deed Link 1:**	Recorded Document Link
Deed Date:	Recorded 11-19-2009	**Prj County:**	New Hanover
Plat Date:		**X:**	2329982.283691466
Restricted Media:	Soil Only	**Y:**	180626.9164993912
Allowed Use:	Media Restrictions Only		
COC:	Multi COC		
DWM Program:	Underground Storage Tank Section		
Deed:			
Plat:			
DWM Contact:	Wilmington Regional Office (910) 796-7215		
Deed Link:	https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7443%2A%22%7D		
Plat Link URL:			
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		

34	1 of 1	S	0.29 / 1,534.87	31.75 / 6	**CHESTNUT ST-2914** **2914 CHESTNUT ST** **WILMINGTON NC 28405**	**LUST**

Incdnt No (DWM Map):	32555	**Incident No:**	32555
Fac ID (DWM Map):		**Facility ID:**	
UST No (DWM Map):	WI-7443	**UST No:**	WI-7443
Curr Stat (DWM Map):	Archived	**Current Status:**	A
Close Out(DWMMap):	2009/12/04 00:00:00+00	**Status Title:**	Archived
Dt Occur (DWM Map):	2009/03/26 00:00:00+00	**Close Out:**	12/3/2009
Incident (DWM Map):	CHESTNUT ST-2914	**Date Occurred:**	3/25/2009
Address (DWM Map):	2914 CHESTNUT ST	**Contam Type:**	Soil
County (DWM Map):	NEW H	**Cleanup:**	3/25/2009
City (DWM Map):	WILMINGTON	**County:**	NEW H
Zip Code (DWM Map):	28405	**Latitude:**	34.241298
Latitude (DWM Map):	34.241298	**Longitude:**	-77.908216
Long (DWM Map):	-77.908216		
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		
Data Source:	Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (STATUS)		

Incident Details

Release Code:	2	**Samples Include:**	
Release Cause:	3	**7.5 Min Quad:**	
Release Source:	A	**5 Min Quad:**	
Type:	4	**Submitted Date:**	25-Mar-2009 00:00:00
Location:	7	**I Ownership:**	4
Site Priority:		**Owner Operator:**	
Priority Update:		**Ownership:**	4
Source Type:	P	**Ownership Desc:**	Private
ERR Type:		**Operation Type:**	3
Wells Affected Y/N:	N	**Operation Desc:**	Residential
Wells Affected:		**PIRF Min Soil:**	
Samples Taken By:	Y		
Description of Incident:	HOME HEATING OIL RELEASE		

Incident Report

Report Type:	IAA	**Approved Date:**	28-Aug-2009 00:00:00
Request Date:		**Implement Date:**	

Received Date: 17-Aug-2009 00:00:00 ***Due Date:***
Reviewed Date:
PRT ID: 1087997
Report Type Description:
Comment:

Report Type: LSA1 ***Approved Date:*** 28-Aug-2009 00:00:00
Request Date: ***Implement Date:***
Received Date: 17-Aug-2009 00:00:00 ***Due Date:***
Reviewed Date: 28-Aug-2009 00:00:00
PRT ID: 1087998
Report Type Description: Limited Site Assmt Phase 1
Comment:

NRP requested **Note: Many records provided by the department have a truncated [Comment] field.

Report Type: 20DAY ***Approved Date:*** 03-Jun-2009 00:00:00
Request Date: ***Implement Date:***
Received Date: 28-May-2009 00:00:00 ***Due Date:***
Reviewed Date: 03-Jun-2009 00:00:00
PRT ID: 1087957
Report Type Description: 20 Day Report
Comment:

Incident Status

Last Modified: 03-Dec-2009 00:00:00 ***Public Meeting Held:***
Incident Phase: CO ***Corrective Act Plan:***
Incid Phase Desc: Close Out ***SOC Signed:***
NOV Issued: ***Reclassification Rep:***
NORR Issued: ***RS Designation:***
45 Day Report: ***Closure Req Date:***

UST Incidents

RO Code: WIL ***Reg:*** N
CD No: 489 ***Conf Risk:*** L
Date Reported: 2009/03/26 00:00:00+00 ***RRA Date:***
Land Use: RES ***RRA Risk:***
LUR Filed: 2009/11/21 00:00:00+00 ***RRA Rank Curr:*** 0
LUR Resc: ***RRA Abate:***
LUR State: S ***Risk:*** L
X: 2329983.0094118 ***RRA Rank:***
Y: 180624.461123735 ***MGR:*** MEC
Comm: N
Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7443%2A%22%7D
Object ID: 33421

RUST Data

MGR: MEC ***LUR Resc:***
RO Code: WIL ***LUR State:*** S
Date Reported: 2009/03/26 00:00:00+00 ***SL MGR:***
Date Reported FY: 2009 ***SL Cleanup Strt Dt:***
Date Occured FY: 2009 ***SL Cleanup End Dt:***
Comm: N ***SL Site Stat:***
Reg: N ***SL Ftfrecdte:***
Perccomfndelig: 0 ***CD NO:*** 489
TOT Paid: 11453.39 ***RRA Date:***
Conf Risk: L ***RRA Risk:***
Risk: L ***RRA Rank Curr:*** 0
Landuse: RES ***RRA Abate:***

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Inc Stat:	Closed	**RRA Rank:**	
Closeout FY:	2010	**X:**	2329983.00930259
LUR Filed:	2009/11/21 00:00:00+00	**Y:**	180624.461076594
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7443%2A%22%7D		
Comment:	HOME HEATING OIL RELEASE, CONFIRMATION REC'D 4/24/09. NRP filed with court house on 11/20/09 and received in WiRO on 12/3/09. File pulled for archieving in June 2013 by sak **Note: Many records provided by the department have a truncated [Comment] field.		

LUST Database

MGR:	MEC	**Contact:**	LISA DAILEY
Regional Office Cd:	WIL	**Telephone:**	9102319047
Date Reported:	3/25/2009	**RP Address:**	2914 CHESTNUT ST
Release Code:	0	**RP City:**	WILMINGTON
Release Code Desc:		**RP State:**	NC
Source:	3	**RP Zip Code:**	28403
Source Desc:	LEAK, UST	**RP County:**	
Site Priority:		**RP Email:**	
Pollutant Type:	4	**RP Email1:**	
Pollutant Desc:	HEATING OIL	**RP Owner:**	TRUE
Petroleum Type:	P	**RP Operator:**	TRUE
Petrol Type Desc:	PETROLEUM	**RP Land Owner:**	TRUE
COMM:	N	**Lur Status:**	
COMM Desc:	NON COMMERCIAL	**LUR Filed:**	11/20/2009
Regulated Code:	N	**LUR Resc:**	
Reg Code Desc:	NON REGULATED	**LUR State:**	S
Notice Rg Rq Issd:		**GPS Conf:**	99
Notice Violtn Issd:		**RBCA GW:**	
Contamination:	SL	**RBCA GW Desc:**	
Cleanup:	3/25/2009	**RBCA:**	S2
Conf Risk:	L	**RBCA Desc:**	Industrial/Commercial
Risk:	L	**CD No:**	489
Land Use:	RES	**Reel No:**	0
Land Use Desc:	Residential	**ERR CD:**	NO
Phase Reqrd:		**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:	0	**New Source:**	
MTBE 1:	U	**Book:**	
RP Company:		**Page:**	
HCS Ref:			
Comment:			

HOME HEATING OIL RELEASE, CONFIRMATION REC'D 4/24/09. NRP filed with court house on 11/20/09 and received in WiRO on 12/3/09. File pulled for archieving in June 2013 by sak **Note: Many records provided by the department have a truncated [Comment] field.

35	*1 of 2*	*SSW*	*0.31 / 1,645.91*	*28.10 / 3*	***Underwood Estate (harriet)*** ***2707 Chestnut Street*** ***Wilmington NC***	***LUST TRUST***

Incident No:	32399
Facility ID:	
Site County:	New Hanover
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Details

Archive Submit No:		**3rd Party Deduct:**	$0.00
CD No:		**Sum 3rd Party Amts:**	$0.00
UST No:	WI-7272	**Deduct Determine:**	0
Priority Rank:		**Deductible Amount:**	$0.00

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Priority Rank Desc:		**Deductible Reason1:**	
Site Eligible?:	Yes	**Deductible Reason2:**	
% Commercial Fund:	0.0	**Inel App:**	
Reimbursement Form:	No		

Site Note: Noncommercial; 100% eligible; $0 deductible.[CGS 11/01/07]
Overpayment in Claim 200 for Sampling and IAA Report - See JME for Claim 201

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
35	2 of 2	SSW	0.31 / 1,645.91	28.10 / 3	UNDERWOOD ESTATE (HARRIET) 2707 CHESTNUT STREET WILMINGTON NC	LUR

Prj No:	WI-7272	**Certification:**	None
Prj Status:	No Further Action	**Deed Bk:**	
Contam Src:	UST System	**Deed Pg:**	
Instrument Status:	Effective	**Plat Bk:**	
Instrument:	Notice and Restriction	**Plat Pg:**	
Rec Date:	3/8/2009	**Plat Link 1:**	
Plat Rec Date:		**Deed Link 1:**	Recorded Document Link
Deed Date:	Recorded 3-8-2009	**Prj County:**	New Hanover
Plat Date:		**X:**	2329039.72291255
Restricted Media:	Multi-Media	**Y:**	180801.09397256374
Allowed Use:	Media Restrictions Only		

COC: Multi COC
DWM Program: Underground Storage Tank Section
Deed:
Plat:
DWM Contact: Wilmington Regional Office (910) 796-7215
Deed Link: https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7272%2A%22%7D
Plat Link URL:
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
36	1 of 1	SSW	0.31 / 1,645.91	28.10 / 3	UNDERWOOD ESTATE (HARRIET) 2707 CHESTNUT STREET WILMINGTON NC 28405	LUST

Incdnt No (DWM Map):	32399	**Incident No:**	32399
Fac ID (DWM Map):		**Facility ID:**	
UST No (DWM Map):	WI-7272	**UST No:**	WI-7272
Curr Stat (DWM Map):	Archived	**Current Status:**	A
Close Out(DWMMap):	2009/02/11 00:00:00+00	**Status Title:**	Archived
Dt Occur (DWM Map):	2006/12/19 00:00:00+00	**Close Out:**	2/10/2009
Incident (DWM Map):	UNDERWOOD ESTATE (HARRIET)	**Date Occurred:**	12/18/2006
Address (DWM Map):	2707 CHESTNUT STREET	**Contam Type:**	Groundwater/Both
County (DWM Map):	NEW H	**Cleanup:**	12/18/2006
City (DWM Map):	WILMINGTON	**County:**	NEW H
Zip Code (DWM Map):	28405	**Latitude:**	34.241805
Latitude (DWM Map):	34.241805	**Longitude:**	-77.911328
Long (DWM Map):	-77.911328		

Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx
Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (RRA); RUST Incident Management Database (STATUS)

Incident Details

Release Code:	2	**Samples Include:**	
Release Cause:		**7.5 Min Quad:**	
Release Source:		**5 Min Quad:**	
Type:	4	**Submitted Date:**	18-Dec-2006 00:00:00
Location:	7	**I Ownership:**	4

Site Priority: ***Owner Operator:***
Priority Update: ***Ownership:*** 4
Source Type: P ***Ownership Desc:*** Private
ERR Type: ***Operation Type:*** 3
Wells Affected Y/N: N ***Operation Desc:*** Residential
Wells Affected: ***PIRF Min Soil:***
Samples Taken By: Y
Description of Incident: Soil samples confirm release from heating oil UST.

Incident Report

Report Type: OTH ***Approved Date:*** 23-Mar-2009 00:00:00
Request Date: ***Implement Date:***
Received Date: 23-Mar-2009 00:00:00 ***Due Date:***
Reviewed Date: 23-Mar-2009 00:00:00
PRT ID: 1087891
Report Type Description: Other (Comments Required)
Comment:

Report Type: IAA ***Approved Date:*** 05-Mar-2008 00:00:00
Request Date: ***Implement Date:***
Received Date: 18-Oct-2007 00:00:00 ***Due Date:***
Reviewed Date: 05-Mar-2008 00:00:00
PRT ID: 1087028
Report Type Description:
Comment:

Report Type: LSA1 ***Approved Date:*** 05-Mar-2008 00:00:00
Request Date: ***Implement Date:***
Received Date: 18-Oct-2007 00:00:00 ***Due Date:***
Reviewed Date: 05-Mar-2008 00:00:00
PRT ID: 1087029
Report Type Description: Limited Site Assmt Phase 1
Comment:

Report Type: 20DAY ***Approved Date:*** 14-May-2007 00:00:00
Request Date: ***Implement Date:***
Received Date: 19-Apr-2007 00:00:00 ***Due Date:***
Reviewed Date: 14-May-2007 00:00:00
PRT ID: 1083025
Report Type Description: 20 Day Report
Comment:

Soils above residential mscc.

Report Type: 90DAY ***Approved Date:***
Request Date: ***Implement Date:***
Received Date: 18-Oct-2007 00:00:00 ***Due Date:***
Reviewed Date: 23-Jan-2008 00:00:00
PRT ID: 1083026
Report Type Description: 90 Day Report
Comment:

Report Type: OTH ***Approved Date:*** 01-Apr-2008 00:00:00
Request Date: ***Implement Date:***
Received Date: 31-Mar-2008 00:00:00 ***Due Date:***
Reviewed Date: 01-Apr-2008 00:00:00
PRT ID: 1087486
Report Type Description: Other (Comments Required)
Comment:

well aband record **Note: Many records provided by the department have a truncated [Comment] field.

RRA

RRA Date:	06-Mar-2008 00:00:00	***RRA Rank:***	0029
RRA Init:	bar	***RRA Abate:***	R
RRA Risk:	L		
RRA ID:	42891		

Incident Status

Last Modified:	10-Feb-2009 00:00:00	***Public Meeting Held:***	
Incident Phase:	CO	***Corrective Act Plan:***	
Incid Phase Desc:	Close Out	***SOC Signed:***	
NOV Issued:		***Reclassification Rep:***	
NORR Issued:		***RS Designation:***	
45 Day Report:		***Closure Req Date:***	

UST Incidents

RO Code:	WIL	***Reg:***	N
CD No:	488	***Conf Risk:***	L
Date Reported:	2006/12/19 00:00:00+00	***RRA Date:***	2008/03/07 00:00:00+00
Land Use:	RES	***RRA Risk:***	L
LUR Filed:	2009/03/10 00:00:00+00	***RRA Rank Curr:***	29
LUR Resc:		***RRA Abate:***	R
LUR State:	B	***Risk:***	U
X:	2329040.44863288	***RRA Rank:***	0029
Y:	180798.638596892	***MGR:***	BAR
Comm:	N		
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7272%2A%22%7D		
Object ID:	33269		

RUST Data

MGR:	BAR	***LUR Resc:***	
RO Code:	WIL	***LUR State:***	B
Date Reported:	2006/12/19 00:00:00+00	***SL MGR:***	
Date Reported FY:	2007	***SL Cleanup Strt Dt:***	
Date Occured FY:	2007	***SL Cleanup End Dt:***	
Comm:	N	***SL Site Stat:***	
Reg:	N	***SL Ftfrecdte:***	
Perccomfndelig:	0	***CD NO:***	488
TOT Paid:	14034.24	***RRA Date:***	2008/03/07 00:00:00+00
Conf Risk:	L	***RRA Risk:***	L
Risk:	U	***RRA Rank Curr:***	29
Landuse:	RES	***RRA Abate:***	R
Inc Stat:	Closed	***RRA Rank:***	0029
Closeout FY:	2009	***X:***	2329040.44863148
LUR Filed:	2009/03/10 00:00:00+00	***Y:***	180798.638700303
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7272%2A%22%7D		
Comment:	496 gal. Heating oil UST removed. GW contamination (C9-C22) at 650 ug/l. Can close-out the incident with an alt NRP for the soil and gw. Consultant notified of this on 03/06/2008. File pulled for archieving in June 2013 by sak **Note: Many records provided by the department have a truncated [Comment] field.		

LUST Database

MGR:	BAR	***Contact:***	WINFIELD SMITH, JR. ADMINCTA
Regional Office Cd:	WIL	***Telephone:***	9106752307
Date Reported:	12/18/2006	***RP Address:***	4634 PARMELE ROAD
Release Code:	0	***RP City:***	CASTLE HAYNE
Release Code Desc:		***RP State:***	NC
Source:	3	***RP Zip Code:***	28429

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Source Desc:	LEAK, UST	**RP County:**	
Site Priority:		**RP Email:**	
Pollutant Type:	4	**RP Email1:**	
Pollutant Desc:	HEATING OIL	**RP Owner:**	FALSE
Petroleum Type:	P	**RP Operator:**	FALSE
Petrol Type Desc:	PETROLEUM	**RP Land Owner:**	FALSE
COMM:	N	**Lur Status:**	
COMM Desc:	NON COMMERCIAL	**LUR Filed:**	3/9/2009
Regulated Code:	N	**LUR Resc:**	
Reg Code Desc:	NON REGULATED	**LUR State:**	B
Notice Rg Rq Issd:		**GPS Conf:**	31
Notice Violtn Issd:		**RBCA GW:**	G2
Contamination:	GW	**RBCA GW Desc:**	Cleanups to alternate standards
Cleanup:	12/18/2006	**RBCA:**	S2
Conf Risk:	L	**RBCA Desc:**	Industrial/Commercial
Risk:	U	**CD No:**	488
Land Use:	RES	**Reel No:**	0
Land Use Desc:	Residential	**ERR CD:**	NO
Phase Reqrd:		**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:	0	**New Source:**	
MTBE 1:	N	**Book:**	
RP Company:		**Page:**	
HCS Ref:	google earth		
Comment:			

496 gal. Heating oil UST removed. GW contamination (C9-C22) at 650 ug/l. Can close-out the incident with an alt NRP for the soil and gw. Consultant notified of this on 03/06/2008. File pulled for archieving in June 2013 by sak **Note: Many records provided by the department have a truncated [Comment] field.

37	1 of 1	SW	0.33 / 1,758.70	27.05 / 2	**Chestnut Street - 2701** **2701 Chestnut Street** **Wilmington NC**	LUR

Prj No:	WI-8028	**Certification:**	None
Prj Status:	Open	**Deed Bk:**	
Contam Src:	UST System	**Deed Pg:**	
Instrument Status:	Effective	**Plat Bk:**	
Instrument:	Notice and Restriction	**Plat Pg:**	
Rec Date:	3/26/2017	**Plat Link 1:**	
Plat Rec Date:		**Deed Link 1:**	Recorded Document Link
Deed Date:	Recorded 3-26-2017	**Prj County:**	New Hanover
Plat Date:		**X:**	2328892.0703207254
Restricted Media:	Multi-Media	**Y:**	180759.43887214363
Allowed Use:	Media Restrictions Only		
COC:	Multi COC		
DWM Program:	Underground Storage Tank Section		
Deed:			
Plat:			
DWM Contact:	Wilmington Regional Office (910) 796-7215		
Deed Link:	https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-8028%2A%22%7D		
Plat Link URL:			
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		

38	1 of 1	SW	0.33 / 1,758.71	27.05 / 2	**Chestnut Street - 2701** **2701 Chestnut Street** **Wilmington NC 28405**	LUST

Incdnt No (DWM Map):	43060	**Incident No:**	43060
Fac ID (DWM Map):		**Facility ID:**	

UST No (DWM Map):	WI-8028	***UST No:***	WI-8028
Curr Stat (DWM Map):	Current Record	***Current Status:***	C
Close Out(DWMMap):		***Status Title:***	Current Record
Dt Occur (DWM Map):	2017/03/14 00:00:00+00	***Close Out:***	
Incident (DWM Map):	Chestnut Street - 2701	***Date Occurred:***	3/13/2017
Address (DWM Map):	2701 Chestnut Street	***Contam Type:***	Soil
County (DWM Map):	NEW H	***Cleanup:***	2/20/2017
City (DWM Map):	Wilmington	***County:***	NEW H
Zip Code (DWM Map):	28405	***Latitude:***	34.241695
Latitude (DWM Map):	34.241695	***Longitude:***	-77.911818
Long (DWM Map):	-77.911818		

Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF)

Incident Details

Release Code:	3	***Samples Include:***	
Release Cause:	7	***7.5 Min Quad:***	
Release Source:	A	***5 Min Quad:***	
Type:	4	***Submitted Date:***	
Location:	7	***I Ownership:***	4
Site Priority:		***Owner Operator:***	
Priority Update:		***Ownership:***	4
Source Type:	P	***Ownership Desc:***	Private
ERR Type:		***Operation Type:***	3
Wells Affected Y/N:	N	***Operation Desc:***	Residential
Wells Affected:		***PIRF Min Soil:***	
Samples Taken By:	Y		
Description of Incident:			

Incident Report

Report Type:	OTH	***Approved Date:***	
Request Date:		***Implement Date:***	
Received Date:	16-Mar-2017 00:00:00	***Due Date:***	
Reviewed Date:			
PRT ID:	1089848		
Report Type Description:	Other (Comments Required)		
Comment:			

email with labs - DRO 12100 mg/kg GRO 1260 mg/kg.

Report Type:	DR	***Approved Date:***	17-Mar-2017 00:00:00
Request Date:		***Implement Date:***	
Received Date:	16-Mar-2017 00:00:00	***Due Date:***	
Reviewed Date:			
PRT ID:	1089849		
Report Type Description:	Deed Recordation		
Comment:			

UST Incidents

RO Code:	WIL	***Reg:***	N
CD No:	0	***Conf Risk:***	H
Date Reported:	2017/03/17 00:00:00+00	***RRA Date:***	
Land Use:	RES	***RRA Risk:***	
LUR Filed:	2017/03/28 00:00:00+00	***RRA Rank Curr:***	0
LUR Resc:		***RRA Abate:***	
LUR State:	B	***Risk:***	U
X:	2328892.79604106	***RRA Rank:***	
Y:	180756.983824566	***MGR:***	NPM
Comm:	N		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-8028%2A%22%7D
Object ID: 40561

RUST Data

MGR:	NPM	**LUR Resc:**	
RO Code:	WIL	**LUR State:**	B
Date Reported:	2017/03/17 00:00:00+00	**SL MGR:**	
Date Reported FY:	2017	**SL Cleanup Strt Dt:**	
Date Occured FY:	2017	**SL Cleanup End Dt:**	
Comm:	N	**SL Site Stat:**	
Reg:	N	**SL Ftfrecdte:**	
Perccomfndelig:		**CD NO:**	0
TOT Paid:		**RRA Date:**	
Conf Risk:	H	**RRA Risk:**	
Risk:	U	**RRA Rank Curr:**	0
Landuse:	RES	**RRA Abate:**	
Inc Stat:	Open	**RRA Rank:**	
Closeout FY:		**X:**	2328892.79605645
LUR Filed:	2017/03/28 00:00:00+00	**Y:**	180756.983725072

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-8028%2A%22%7D
Comment:

LUST Database

MGR:	NPM	**Contact:**	Patty Jenrette
Regional Office Cd:	WIL	**Telephone:**	
Date Reported:	3/16/2017	**RP Address:**	2701 Chestnut Street
Release Code:	0	**RP City:**	Wilmington
Release Code Desc:		**RP State:**	NC
Source:	3	**RP Zip Code:**	28405
Source Desc:	LEAK, UST	**RP County:**	
Site Priority:		**RP Email:**	
Pollutant Type:	4	**RP Email1:**	
Pollutant Desc:	HEATING OIL	**RP Owner:**	FALSE
Petroleum Type:	P	**RP Operator:**	FALSE
Petrol Type Desc:	PETROLEUM	**RP Land Owner:**	FALSE
COMM:	N	**Lur Status:**	
COMM Desc:	NON COMMERCIAL	**LUR Filed:**	3/27/2017
Regulated Code:	N	**LUR Resc:**	
Reg Code Desc:	NON REGULATED	**LUR State:**	B
Notice Rg Rq Issd:		**GPS Conf:**	32
Notice Violtn Issd:		**RBCA GW:**	
Contamination:	SL	**RBCA GW Desc:**	
Cleanup:	2/20/2017	**RBCA:**	
Conf Risk:	H	**RBCA Desc:**	
Risk:	U	**CD No:**	0
Land Use:	RES	**Reel No:**	0
Land Use Desc:	Residential	**ERR CD:**	NO
Phase Reqrd:		**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:	0	**New Source:**	
MTBE 1:	U	**Book:**	
RP Company:		**Page:**	
HCS Ref:			
Comment:			

39	1 of 1	SSE	0.34 / 1,787.42	36.35 / 11	TRIANGLE RENT-A-CAR 3111 MARKET STREET WILMINGTON NC 27627	LUST

Incdnt No (DWM Map):	18092	**Incident No:**	18092
Fac ID (DWM Map):	00-0-0000026973	**Facility ID:**	00-0-0000026973
UST No (DWM Map):	WI-1526	**UST No:**	WI-1526
Curr Stat (DWM Map):	Archived	**Current Status:**	A
Close Out(DWMMap):	2001/08/10 00:00:00+00	**Status Title:**	Archived
Dt Occur (DWM Map):	1997/08/09 00:00:00+00	**Close Out:**	8/9/2001
Incident (DWM Map):	TRIANGLE RENT-A-CAR	**Date Occurred:**	8/8/1997
Address (DWM Map):	3111 MARKET STREET	**Contam Type:**	Groundwater/Both
County (DWM Map):	NEW H	**Cleanup:**	9/8/1997
City (DWM Map):	WILMINGTON	**County:**	NEW H
Zip Code (DWM Map):	27627	**Latitude:**	34.240556
Latitude (DWM Map):	34.240556	**Longitude:**	-77.904988
Long (DWM Map):	-77.904988		

Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (STATUS)

Incident Details

Release Code:		**Samples Include:**	2
Release Cause:		**7.5 Min Quad:**	
Release Source:		**5 Min Quad:**	DD30E
Type:	3	**Submitted Date:**	17-Dec-1997 00:00:00
Location:	1	**I Ownership:**	4
Site Priority:	70D	**Owner Operator:**	MR. SHELTON WATTS
Priority Update:	11-Sep-1998 00:00:00	**Ownership:**	4
Source Type:		**Ownership Desc:**	Private
ERR Type:		**Operation Type:**	6
Wells Affected Y/N:	N	**Operation Desc:**	Commercial
Wells Affected:	0.0	**PIRF Min Soil:**	Pirf
Samples Taken By:	3		

Description of Incident: TANK CLOSURE DOCUMENTED SOIL CONTAMINATION.

Incident Report

Report Type:	CSA	**Approved Date:**	
Request Date:		**Implement Date:**	
Received Date:	19-Oct-1998 00:00:00	**Due Date:**	
Reviewed Date:	04-Dec-1998 00:00:00		
PRT ID:	1084732		
Report Type Description:			
Comment:			

Report Type:	LSA	**Approved Date:**	
Request Date:		**Implement Date:**	
Received Date:	29-Apr-1998 00:00:00	**Due Date:**	28-Apr-1998 00:00:00
Reviewed Date:	13-Jun-1998 00:00:00		
PRT ID:	1086040		
Report Type Description:			
Comment:			

Incident Status

Last Modified:	10-Sep-2001 00:00:00	**Public Meeting Held:**	
Incident Phase:	CO	**Corrective Act Plan:**	
Incid Phase Desc:	Close Out	**SOC Signed:**	
NOV Issued:		**Reclassification Rep:**	
NORR Issued:	04-Dec-1998 00:00:00	**RS Designation:**	
45 Day Report:		**Closure Req Date:**	

UST Incidents

RO Code:	WIL	***Reg:***	R
CD No:	160	***Conf Risk:***	L
Date Reported:	1997/09/09 00:00:00+00	***RRA Date:***	
Land Use:	RES	***RRA Risk:***	
LUR Filed:		***RRA Rank Curr:***	0
LUR Resc:		***RRA Abate:***	
LUR State:		***Risk:***	L
X:	2330961.58324206	***RRA Rank:***	
Y:	180365.178505808	***MGR:***	BAR
Comm:	C		
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-1526%2A%22%7D		
Object ID:	21769		

RUST Data

MGR:	BAR	***LUR Resc:***	
RO Code:	WIL	***LUR State:***	
Date Reported:	1997/09/09 00:00:00+00	***SL MGR:***	
Date Reported FY:	1997	***SL Cleanup Strt Dt:***	
Date Occured FY:	1997	***SL Cleanup End Dt:***	
Comm:	C	***SL Site Stat:***	
Reg:	R	***SL Ftfrecdte:***	
Perccomfndelig:	100	***CD NO:***	160
TOT Paid:	12296.24	***RRA Date:***	
Conf Risk:	L	***RRA Risk:***	
Risk:	L	***RRA Rank Curr:***	0
Landuse:	RES	***RRA Abate:***	
Inc Stat:	Closed	***RRA Rank:***	
Closeout FY:	2001	***X:***	2330961.58338612
LUR Filed:		***Y:***	180365.178628985
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-1526%2A%22%7D		
Comment:	WAS INTERMEDIATE RISK. MTBE LEVELS HAVE DECLINED AND GW FLOW DIRECTION CHANGED REPORTEDLY DUE TO ADDITION OF STORMWATER INFILTRATION TRENCHES WHICH WERE INSTALLED WHEN THE SITE WAS REFURBISHED. NO RESIDENTIAL ALLOWED ON THIS SITE.		

LUST Database

MGR:	BAR	***Contact:***	MR. FRANK COLONA
Regional Office Cd:	WIL	***Telephone:***	9198512556
Date Reported:	9/8/1997	***RP Address:***	5401 HILLSBOROUGH STREET
Release Code:	0	***RP City:***	RALEIGH
Release Code Desc:		***RP State:***	NC
Source:	3	***RP Zip Code:***	27709
Source Desc:	LEAK, UST	***RP County:***	
Site Priority:	70D	***RP Email:***	
Pollutant Type:	3	***RP Email1:***	
Pollutant Desc:	GASOLINE/DIESEL/KEROSENE	***RP Owner:***	FALSE
Petroleum Type:	P	***RP Operator:***	FALSE
Petrol Type Desc:	PETROLEUM	***RP Land Owner:***	FALSE
COMM:	C	***Lur Status:***	
COMM Desc:	COMMERCIAL	***LUR Filed:***	
Regulated Code:	R	***LUR Resc:***	
Reg Code Desc:	REGULATED	***LUR State:***	
Notice Rg Rq Issd:	12/11/1997	***GPS Conf:***	99
Notice Violtn Issd:		***RBCA GW:***	G2
Contamination:	GW	***RBCA GW Desc:***	Cleanups to alternate standards
Cleanup:	9/8/1997	***RBCA:***	S2
Conf Risk:	L	***RBCA Desc:***	Industrial/Commercial
Risk:	L	***CD No:***	160
Land Use:	RES	***Reel No:***	3911
Land Use Desc:	Residential	***ERR CD:***	
Phase Reqrd:	2	***Valid:***	FALSE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:	DT	**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:		**New Source:**	
MTBE 1:	Y	**Book:**	
RP Company:	TRIANGLE RENT A CAR	**Page:**	
HCS Ref:			
Comment:			

WAS INTERMEDIATE RISK. MTBE LEVELS HAVE DECLINED AND GW FLOW DIRECTION CHANGED REPORTEDLY DUE TO ADDITION OF STORMWATER INFILTRATION TRENCHES WHICH WERE INSTALLED WHEN THE SITE WAS REFURBISHED. NO RESIDENTIAL ALLOWED ON THIS SITE.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
40	1 of 1	SSE	0.36 / 1,903.76	37.27 / 12	Triangle Rent A Car 3111 Market Street Wilmington NC	LUST TRUST

Incident No:	18092
Facility ID:	0-026973
Site County:	New Hanover
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Details

Archive Submit No:	4209.0065	**3rd Party Deduct:**	$0.00
CD No:	STF 18	**Sum 3rd Party Amts:**	$0.00
UST No:	WI-1526	**Deduct Determine:**	10
Priority Rank:		**Deductible Amount:**	$75,000.00
Priority Rank Desc:		**Deductible Reason1:**	75 k - not reported until 95 >
Site Eligible?:	Yes	**Deductible Reason2:**	94B(b)(4)
% Commercial Fund:	1.0	**Inel App:**	
Reimbursement Form:	No		
Site Note:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
41	1 of 1	SSE	0.37 / 1,950.93	36.71 / 11	LUBE CENTER 3315-1 MARKET ST. WILMINGTON NC	LUST

Incdnt No (DWM Map):		**Incident No:**	
Fac ID (DWM Map):		**Facility ID:**	
UST No (DWM Map):	WI-605	**UST No:**	WI-605
Curr Stat (DWM Map):	Current Record	**Current Status:**	C
Close Out(DWMMap):		**Status Title:**	Current Record
Dt Occur (DWM Map):		**Close Out:**	
Incident (DWM Map):	LUBE CENTER	**Date Occurred:**	
Address (DWM Map):	3315-1 MARKET ST.	**Contam Type:**	
County (DWM Map):	NEW H	**Cleanup:**	
City (DWM Map):	WILMINGTON	**County:**	NEW H
Zip Code (DWM Map):		**Latitude:**	0
Latitude (DWM Map):	0	**Longitude:**	0
Long (DWM Map):	0		
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		
Data Source:	Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB)		

UST Incidents

RO Code:	WIL	**Reg:**	R
CD No:	0	**Conf Risk:**	L

Date Reported:		**RRA Date:**	
Land Use:		**RRA Risk:**	
LUR Filed:		**RRA Rank Curr:**	0
LUR Resc:		**RRA Abate:**	
LUR State:		**Risk:**	
X:	32888970.6354088	**RRA Rank:**	
Y:	-69513.2738360167	**MGR:**	NPM
Comm:	C		
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-605%2A%22%7D		
Object ID:	7104		

RUST Data

MGR:	NPM	**LUR Resc:**	
RO Code:	WIL	**LUR State:**	
Date Reported:		**SL MGR:**	
Date Reported FY:		**SL Cleanup Strt Dt:**	
Date Occured FY:		**SL Cleanup End Dt:**	
Comm:	C	**SL Site Stat:**	
Reg:	R	**SL Ftfrecdte:**	
Perccomfndelig:		**CD NO:**	0
TOT Paid:		**RRA Date:**	
Conf Risk:	L	**RRA Risk:**	
Risk:		**RRA Rank Curr:**	0
Landuse:		**RRA Abate:**	
Inc Stat:	Open	**RRA Rank:**	
Closeout FY:		**X:**	32888970.6352937
LUR Filed:		**Y:**	-69513.2738257283
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-605%2A%22%7D		
Comment:	change-in-service notification. A permanent closure of the UST was done in April 1999. No TCR ever received.		

LUST Database

MGR:	NPM	**Contact:**	MR. NICK HABASH
Regional Office Cd:	WIL	**Telephone:**	
Date Reported:		**RP Address:**	4720 WALTMOOR RD.
Release Code:	0	**RP City:**	WILMINGTON
Release Code Desc:		**RP State:**	NC
Source:		**RP Zip Code:**	28409
Source Desc:		**RP County:**	
Site Priority:		**RP Email:**	
Pollutant Type:		**RP Email1:**	
Pollutant Desc:		**RP Owner:**	FALSE
Petroleum Type:		**RP Operator:**	FALSE
Petrol Type Desc:		**RP Land Owner:**	FALSE
COMM:	C	**Lur Status:**	
COMM Desc:	COMMERCIAL	**LUR Filed:**	
Regulated Code:	R	**LUR Resc:**	
Reg Code Desc:	REGULATED	**LUR State:**	
Notice Rg Rq Issd:		**GPS Conf:**	99
Notice Violtn Issd:		**RBCA GW:**	
Contamination:		**RBCA GW Desc:**	
Cleanup:		**RBCA:**	
Conf Risk:	L	**RBCA Desc:**	
Risk:		**CD No:**	0
Land Use:		**Reel No:**	0
Land Use Desc:		**ERR CD:**	
Phase Reqrd:		**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:		**New Source:**	
MTBE 1:	U	**Book:**	
RP Company:	LUBE CENTER	**Page:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

HCS Ref:
Comment:

change-in-service notification. A permanent closure of the UST was done in April 1999. No TCR ever received.

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42 | **1 of 1** | **S** | **0.37 / 1,975.60** | **38.17 / 13** | **Hobbs Market St. EZ Serve**
3024 Market Street
Wilmington NC | **LUST TRUST**

Incident No: 11708
Facility ID: 0-000097
Site County: New Hanover
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Details

Archive Submit No:	4209.0059	**3rd Party Deduct:**	$100,000.00
CD No:	STF 16	**Sum 3rd Party Amts:**	$0.00
UST No:	WI-1122	**Deduct Determine:**	3
Priority Rank:	L	**Deductible Amount:**	$20,000.00
Priority Rank Desc:	Low risk	**Deductible Reason1:**	flat 20 k
Site Eligible?:	Yes	**Deductible Reason2:**	94B(b)(2)
% Commercial Fund:	1.0	**Inel App:**	
Reimbursement Form:	No		

Site Note: All checks are to be written to W.K. Hobbs, Inc. not W.K. Hobbs.

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43 | **1 of 1** | **SE** | **0.38 / 2,014.45** | **39.45 / 14** | **BLOUNT ELEMENTARY SCHOOL**
3702 PRINCESS PLACE DR.
WILMINGTON NC 28401 | **LUST**

Incdnt No (DWM Map):	32207	**Incident No:**	32207
Fac ID (DWM Map):		**Facility ID:**	
UST No (DWM Map):	WI-7044	**UST No:**	WI-7044
Curr Stat (DWM Map):	Archived	**Current Status:**	A
Close Out(DWMMap):	2005/09/28 00:00:00+00	**Status Title:**	Archived
Dt Occur (DWM Map):	2004/12/31 00:00:00+00	**Close Out:**	9/27/2005
Incident (DWM Map):	BLOUNT ELEMENTARY SCHOOL	**Date Occurred:**	12/30/2004
Address (DWM Map):	3702 PRINCESS PLACE DR.	**Contam Type:**	Soil
County (DWM Map):	NEW H	**Cleanup:**	12/30/2004
City (DWM Map):	WILMINGTON	**County:**	NEW H
Zip Code (DWM Map):	28401	**Latitude:**	34.242944
Latitude (DWM Map):	34.242944	**Longitude:**	-77.900495
Long (DWM Map):	-77.900495		

Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx
Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (STATUS)

Incident Details

Release Code:	2	**Samples Include:**	
Release Cause:		**7.5 Min Quad:**	
Release Source:	C	**5 Min Quad:**	
Type:	4	**Submitted Date:**	01-Feb-2005 00:00:00
Location:	8	**I Ownership:**	6
Site Priority:		**Owner Operator:**	
Priority Update:		**Ownership:**	6
Source Type:	C	**Ownership Desc:**	County
ERR Type:		**Operation Type:**	4
Wells Affected Y/N:		**Operation Desc:**	Educ/Religios

Wells Affected: **PIRF Min Soil:**
Samples Taken By: Y
Description of Incident: Holes observed in 2000 gal. heating oil tank during removal. Soil samples confirm release.

Incident Report

Report Type: DR
Request Date:
Received Date: 25-Jan-2006 00:00:00
Reviewed Date: 31-Jan-2006 00:00:00
PRT ID: 1079088
Report Type Description: Deed Recordation
Comment:
Approved Date: 31-Jan-2006 00:00:00
Implement Date:
Due Date:

BK:4926 // PG:1719-1723 **Note: Many records provided by the department have a truncated [Comment] field.

Report Type: PN
Request Date:
Received Date: 25-Jan-2006 00:00:00
Reviewed Date: 31-Jan-2006 00:00:00
PRT ID: 1079089
Report Type Description: Public Notification
Comment:
Approved Date: 31-Jan-2006 00:00:00
Implement Date:
Due Date:

Report Type: LSA1
Request Date:
Received Date: 11-Jul-2005 00:00:00
Reviewed Date: 15-Jul-2005 00:00:00
PRT ID: 1084354
Report Type Description: Limited Site Assmt Phase 1
Comment:
Approved Date: 15-Jul-2005 00:00:00
Implement Date:
Due Date:

Groundwater below 2lL standards; Soil above residential at UST-6.

Report Type: 20DAY
Request Date:
Received Date: 01-Feb-2005 00:00:00
Reviewed Date: 03-Feb-2005 00:00:00
PRT ID: 1086514
Report Type Description: 20 Day Report
Comment:
Approved Date: 03-Feb-2005 00:00:00
Implement Date:
Due Date:

Soils above the residential mscc. Groundwater not encountered during closure.

Incident Status

Last Modified: 27-Sep-2005 00:00:00
Incident Phase: CO
Incid Phase Desc: Close Out
NOV Issued:
NORR Issued:
45 Day Report:
Public Meeting Held:
Corrective Act Plan:
SOC Signed:
Reclassification Rep:
RS Designation:
Closure Req Date:

UST Incidents

RO Code: WIL
CD No: 431
Date Reported: 2005/02/02 00:00:00+00
Land Use: RES
LUR Filed: 2006/01/26 00:00:00+00
LUR Resc:
LUR State: S
Reg: N
Conf Risk: L
RRA Date:
RRA Risk:
RRA Rank Curr: 0
RRA Abate:
Risk: L

X:	2332309.88435122	***RRA Rank:***	
Y:	181249.228574976	***MGR:***	JDP
Comm:	C		
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7044%2A%22%7D		
Object ID:	33078		

RUST Data

MGR:	JDP	***LUR Resc:***	
RO Code:	WIL	***LUR State:***	S
Date Reported:	2005/02/02 00:00:00+00	***SL MGR:***	
Date Reported FY:	2005	***SL Cleanup Strt Dt:***	
Date Occured FY:	2005	***SL Cleanup End Dt:***	
Comm:	C	***SL Site Stat:***	
Reg:	N	***SL Ftfrecdte:***	
Perccomfndelig:		***CD NO:***	431
TOT Paid:		***RRA Date:***	
Conf Risk:	L	***RRA Risk:***	
Risk:	L	***RRA Rank Curr:***	0
Landuse:	RES	***RRA Abate:***	
Inc Stat:	Closed	***RRA Rank:***	
Closeout FY:	2005	***X:***	2332309.88439552
LUR Filed:	2006/01/26 00:00:00+00	***Y:***	181249.228491266
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7044%2A%22%7D		
Comment:	2000 gal. heating oil tank. 40.74 tons of contaminated soil removed during closure. NFA sent 9-27-05. File pulled for archiving in 9/2011 by SAK.		

LUST Database

MGR:	JDP	***Contact:***	IRENE SOTIRIOU
Regional Office Cd:	WIL	***Telephone:***	9102544398
Date Reported:	2/1/2005	***RP Address:***	6410 CAROLINA BEACH ROAD
Release Code:	0	***RP City:***	WILMINGTON
Release Code Desc:		***RP State:***	NC
Source:	3	***RP Zip Code:***	28412
Source Desc:	LEAK, UST	***RP County:***	
Site Priority:		***RP Email:***	
Pollutant Type:	4	***RP Email1:***	
Pollutant Desc:	HEATING OIL	***RP Owner:***	TRUE
Petroleum Type:	P	***RP Operator:***	TRUE
Petrol Type Desc:	PETROLEUM	***RP Land Owner:***	TRUE
COMM:	C	***Lur Status:***	
COMM Desc:	COMMERCIAL	***LUR Filed:***	1/25/2006
Regulated Code:	N	***LUR Resc:***	
Reg Code Desc:	NON REGULATED	***LUR State:***	S
Notice Rg Rq Issd:		***GPS Conf:***	31
Notice Violtn Issd:		***RBCA GW:***	G1
Contamination:	SL	***RBCA GW Desc:***	Cleanups to 2L.0202 standards
Cleanup:	12/30/2004	***RBCA:***	S1
Conf Risk:	L	***RBCA Desc:***	Residential
Risk:	L	***CD No:***	431
Land Use:	RES	***Reel No:***	0
Land Use Desc:	Residential	***ERR CD:***	NO
Phase Reqrd:	1	***Valid:***	FALSE
Intrmdt Cndition:		***Cat Code:***	
Corr Act Plan Cd:		***HCS Res:***	
CAP Desc:		***Reliability:***	
Clos Reqsd:		***Supply Well:***	0
MTBE:	0	***New Source:***	
MTBE 1:	N	***Book:***	
RP Company:	NEW HANOVER COUNTY BOARD OF ED	***Page:***	
HCS Ref:	USGS 7.5 Minute		
Comment:			

2000 gal. heating oil tank. 40.74 tons of contaminated soil removed during closure. NFA sent 9-27-05. File pulled for archiving in 9/2011 by SAK.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
44	1 of 1	SE	0.38 / 2,014.45	39.45 / 14	BLOUNT ELEMENTARY SCHOOL 3702 PRINCESS PLACE DR. WILMINGTON NC	LUR

Prj No: WI-7044
Prj Status: No Further Action
Contam Src: UST System
Instrument Status: Effective
Instrument: Notice and Restriction
Rec Date: 1/24/2006
Plat Rec Date:
Deed Date: Recorded 1-24-2006
Plat Date:
Restricted Media: Soil Only
Allowed Use: Media Restrictions Only
COC: Multi COC
DWM Program: Underground Storage Tank Section
Deed:
Plat:
DWM Contact: Wilmington Regional Office (910) 796-7215
Deed Link: https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7044%2A%22%7D
Plat Link URL:
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Certification: None
Deed Bk:
Deed Pg:
Plat Bk:
Plat Pg:
Plat Link 1:
Deed Link 1: Recorded Document Link
Prj County: New Hanover
X: 2332309.1592870504
Y: 181251.6839506477

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
45	1 of 1	SSE	0.38 / 2,017.18	37.57 / 12	SATURN OF WILMINGTON 3302 MARKET ST. WILMINGTON NC 28403	LUST

Incdnt No (DWM Map): 13893
Fac ID (DWM Map): 00-0-0000023438
UST No (DWM Map): WI-1244
Curr Stat (DWM Map): Archived
Close Out(DWMMap): 2000/11/15 00:00:00+00
Dt Occur (DWM Map): 1994/09/21 00:00:00+00
Incident (DWM Map): SATURN OF WILMINGTON
Address (DWM Map): 3302 MARKET ST.
County (DWM Map): NEW H
City (DWM Map): WILMINGTON
Zip Code (DWM Map): 28403
Latitude (DWM Map): 34.2400443
Long (DWM Map): -77.9044015
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx
Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (STATUS)

Incident No: 13893
Facility ID: 00-0-0000023438
UST No: WI-1244
Current Status: A
Status Title: Archived
Close Out: 11/14/2000
Date Occurred: 9/20/1994
Contam Type: Groundwater/Both
Cleanup: 9/20/1994
County: NEW H
Latitude: 34.2400443
Longitude: -77.9044015

Incident Details

Release Code:
Release Cause:
Release Source:
Type: 3
Location: 1
Site Priority: 40E
Priority Update: 30-May-1998 00:00:00
Source Type:
ERR Type:
Wells Affected Y/N: N
Wells Affected: 0.0

Samples Include: 1
7.5 Min Quad:
5 Min Quad: DD30E
Submitted Date: 25-Apr-1995 00:00:00
I Ownership: 4
Owner Operator: MR. LARRY NEUWIRTH, PRESIDENT
Ownership: 4
Ownership Desc: Private
Operation Type: 6
Operation Desc: Commercial
PIRF Min Soil: Pirf

Samples Taken By: 3
Description of Incident: UPON REMOVAL OF 4 USTS, SOIL AND GW CONTAM. WERE CONFIRMED.

Incident Report

Report Type: CSA
Request Date:
Received Date: 31-May-1995 00:00:00
Reviewed Date: 03-Jul-1995 00:00:00
PRT ID: 1084682
Report Type Description:
Comment:
Approved Date:
Implement Date:
Due Date:

Report Type: CAP
Request Date:
Received Date: 05-Sep-1995 00:00:00
Reviewed Date: 22-Mar-1996 00:00:00
PRT ID: 1083450
Report Type Description: Corrective Action Plan - Soil & GW
Comment:
Approved Date: 11-Jun-1996 00:00:00
Implement Date: 11-Jun-1996 00:00:00
Due Date:

Incident Status

Last Modified: 27-Nov-2000 00:00:00
Incident Phase: CO
Incid Phase Desc: Close Out
NOV Issued:
NORR Issued:
45 Day Report:
Public Meeting Held:
Corrective Act Plan:
SOC Signed:
Reclassification Rep:
RS Designation:
Closure Req Date:

UST Incidents

RO Code: WIL
CD No: 160
Date Reported: 1994/10/13 00:00:00+00
Land Use: RES
LUR Filed:
LUR Resc:
LUR State:
X: 2331140.89751597
Y: 180180.916735232
Comm: C
Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-1244%2A%22%7D
Object ID: 18327
Reg: R
Conf Risk: L
RRA Date:
RRA Risk:
RRA Rank Curr: 0
RRA Abate:
Risk: L
RRA Rank:
MGR: SAK

RUST Data

MGR: SAK
RO Code: WIL
Date Reported: 1994/10/13 00:00:00+00
Date Reported FY: 1995
Date Occured FY: 1994
Comm: C
Reg: R
Perccomfndelig:
TOT Paid:
Conf Risk: L
Risk: L
Landuse: RES
Inc Stat: Closed
Closeout FY: 2001
LUR Filed:
LUR Resc:
LUR State:
SL MGR:
SL Cleanup Strt Dt:
SL Cleanup End Dt:
SL Site Stat:
SL Ftfrecdte:
CD NO: 160
RRA Date:
RRA Risk:
RRA Rank Curr: 0
RRA Abate:
RRA Rank:
X: 2331140.89756262
Y: 180180.916780106

Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-1244%2A%22%7D
Comment:	NO NOTIFICATION OF CLOSURE, NFA **Note: Many records provided by the department have a truncated [Comment] field.

LUST Database

MGR:	SAK	**Contact:**	MR. LARRY NEUWIRTH, PRESIDENT
Regional Office Cd:	WIL	**Telephone:**	
Date Reported:	10/12/1994	**RP Address:**	6103 MARKET STREET
Release Code:	0	**RP City:**	WILMINGTON
Release Code Desc:		**RP State:**	NC
Source:	3	**RP Zip Code:**	28405
Source Desc:	LEAK, UST	**RP County:**	
Site Priority:	40E	**RP Email:**	
Pollutant Type:		**RP Email1:**	
Pollutant Desc:		**RP Owner:**	FALSE
Petroleum Type:	P	**RP Operator:**	FALSE
Petrol Type Desc:	PETROLEUM	**RP Land Owner:**	FALSE
COMM:	C	**Lur Status:**	
COMM Desc:	COMMERCIAL	**LUR Filed:**	
Regulated Code:	R	**LUR Resc:**	
Reg Code Desc:	REGULATED	**LUR State:**	
Notice Rg Rq Issd:		**GPS Conf:**	51
Notice Violtn Issd:		**RBCA GW:**	
Contamination:	GW	**RBCA GW Desc:**	
Cleanup:	9/20/1994	**RBCA:**	
Conf Risk:	L	**RBCA Desc:**	
Risk:	L	**CD No:**	160
Land Use:	RES	**Reel No:**	3911
Land Use Desc:	Residential	**ERR CD:**	
Phase Reqrd:		**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:	L	**HCS Res:**	
CAP Desc:	CAP in Accordance with .0106[l]	**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:		**New Source:**	
MTBE 1:	U	**Book:**	
RP Company:	UNIVERSITY MAZDA	**Page:**	
HCS Ref:	TAMU Geocoded		
Comment:			

NO NOTIFICATION OF CLOSURE, NFA **Note: Many records provided by the department have a truncated [Comment] field.

46	1 of 1	SW	0.40 / 2,122.76	28.16 / 3	North 26th Street - 305 305 N. 26th Street Wilmington NC 28405	LUST

Incdnt No (DWM Map):	43183	**Incident No:**	43183
Fac ID (DWM Map):		**Facility ID:**	
UST No (DWM Map):	WI-8201	**UST No:**	WI-8201
Curr Stat (DWM Map):	Current Record	**Current Status:**	C
Close Out(DWMMap):	2019/08/27 00:00:00+00	**Status Title:**	Current Record
Dt Occur (DWM Map):	2019/06/29 00:00:00+00	**Close Out:**	8/26/2019
Incident (DWM Map):	North 26th Street - 305	**Date Occurred:**	6/28/2019
Address (DWM Map):	305 N. 26th Street	**Contam Type:**	Groundwater/Both
County (DWM Map):	NEW H	**Cleanup:**	6/28/2019
City (DWM Map):	Wilmington	**County:**	NEW H
Zip Code (DWM Map):	28405	**Latitude:**	34.242684
Latitude (DWM Map):	34.242684	**Longitude:**	-77.914579
Long (DWM Map):	-77.914579		
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		
Data Source:	Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST		

Incident Management Database (STATUS)

Incident Details

Release Code:	2	***Samples Include:***	
Release Cause:	7	***7.5 Min Quad:***	
Release Source:	A	***5 Min Quad:***	
Type:	4	***Submitted Date:***	
Location:	7	***I Ownership:***	4
Site Priority:		***Owner Operator:***	
Priority Update:		***Ownership:***	4
Source Type:	P	***Ownership Desc:***	Private
ERR Type:		***Operation Type:***	3
Wells Affected Y/N:	N	***Operation Desc:***	Residential
Wells Affected:		***PIRF Min Soil:***	
Samples Taken By:	N		
Description of Incident:			

Incident Report

Report Type:	PN	***Approved Date:***	26-Aug-2019 00:00:00
Request Date:		***Implement Date:***	
Received Date:	24-Aug-2019 00:00:00	***Due Date:***	
Reviewed Date:			
PRT ID:	1091955		
Report Type Description:	Public Notification		
Comment:			

Report Type:	OTH	***Approved Date:***	
Request Date:		***Implement Date:***	
Received Date:	28-Jun-2019 00:00:00	***Due Date:***	
Reviewed Date:			
PRT ID:	1091891		
Report Type Description:	Other (Comments Required)		
Comment:			

24 Hour Release, reported soil contamination observed **Note: Many records provided by the department have a truncated [Comment] field.

Report Type:	DR	***Approved Date:***	01-Jul-2019 00:00:00
Request Date:		***Implement Date:***	
Received Date:	01-Jul-2019 00:00:00	***Due Date:***	
Reviewed Date:			
PRT ID:	1091892		
Report Type Description:	Deed Recordation		
Comment:			

Deed Book 6227 //Pages 24-29 **Note: Many records provided by the department have a truncated [Comment] field.

Incident Status

Last Modified:	26-Aug-2019 00:00:00	***Public Meeting Held:***	
Incident Phase:	CO	***Corrective Act Plan:***	
Incid Phase Desc:	Close Out	***SOC Signed:***	
NOV Issued:		***Reclassification Rep:***	
NORR Issued:		***RS Designation:***	
45 Day Report:		***Closure Req Date:***	

UST Incidents

RO Code:	WIL	***Reg:***	N
CD No:	0	***Conf Risk:***	L
Date Reported:	2019/06/29 00:00:00+00	***RRA Date:***	

Land Use:		**RRA Risk:**	
LUR Filed:	2019/07/02 00:00:00+00	**RRA Rank Curr:**	0
LUR Resc:		**RRA Abate:**	
LUR State:	B	**Risk:**	L
X:	2328054.40959448	**RRA Rank:**	
Y:	181107.764947146	**MGR:**	LEP
Comm:	N		

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-8201%2A%22%7D

Object ID: 40683

RUST Data

MGR:	LEP	**LUR Resc:**	
RO Code:	WIL	**LUR State:**	B
Date Reported:	2019/06/29 00:00:00+00	**SL MGR:**	
Date Reported FY:	2019	**SL Cleanup Strt Dt:**	
Date Occured FY:	2019	**SL Cleanup End Dt:**	
Comm:	N	**SL Site Stat:**	
Reg:	N	**SL Ftfrecdte:**	
Perccomfndelig:		**CD NO:**	0
TOT Paid:		**RRA Date:**	
Conf Risk:	L	**RRA Risk:**	
Risk:	L	**RRA Rank Curr:**	0
Landuse:		**RRA Abate:**	
Inc Stat:	Closed	**RRA Rank:**	
Closeout FY:	2019	**X:**	2328054.40956268
LUR Filed:	2019/07/02 00:00:00+00	**Y:**	181107.76479437

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-8201%2A%22%7D

Comment: NRP filed Deed Book 6227 //Pages 24-29. NFA.

LUST Database

MGR:	LEP	**Contact:**	Edward Teachey
Regional Office Cd:	WIL	**Telephone:**	9103825166
Date Reported:	6/28/2019	**RP Address:**	120 Oyster Catcher Way
Release Code:	0	**RP City:**	Sneads Ferry
Release Code Desc:		**RP State:**	NC
Source:	3	**RP Zip Code:**	284607609
Source Desc:	LEAK, UST	**RP County:**	
Site Priority:		**RP Email:**	
Pollutant Type:	4	**RP Email1:**	
Pollutant Desc:	HEATING OIL	**RP Owner:**	TRUE
Petroleum Type:	P	**RP Operator:**	FALSE
Petrol Type Desc:	PETROLEUM	**RP Land Owner:**	FALSE
COMM:	N	**Lur Status:**	
COMM Desc:	NON COMMERCIAL	**LUR Filed:**	7/1/2019
Regulated Code:	N	**LUR Resc:**	
Reg Code Desc:	NON REGULATED	**LUR State:**	B
Notice Rg Rq Issd:		**GPS Conf:**	31
Notice Violtn Issd:		**RBCA GW:**	
Contamination:	GW	**RBCA GW Desc:**	
Cleanup:	6/28/2019	**RBCA:**	
Conf Risk:	L	**RBCA Desc:**	
Risk:	L	**CD No:**	0
Land Use:		**Reel No:**	0
Land Use Desc:		**ERR CD:**	NO
Phase Reqrd:		**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:	0	**New Source:**	
MTBE 1:	U	**Book:**	
RP Company:		**Page:**	

HCS Ref: Google Earth

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Comment:

NRP filed Deed Book 6227 //Pages 24-29. NFA.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
47	1 of 1	S	0.40 / 2,131.26	38.91 / 14	MARKET ST. E-Z SERVE 3024 MARKET ST. WILMINGTON NC 284030723	LUST

Incdnt No (DWM Map):	11708	**Incident No:**	11708
Fac ID (DWM Map):	00-0-000-000097	**Facility ID:**	00-0-000-000097
UST No (DWM Map):	WI-1122	**UST No:**	WI-1122
Curr Stat (DWM Map):	Archived	**Current Status:**	A
Close Out(DWMMap):	1999/06/25 00:00:00+00	**Status Title:**	Archived
Dt Occur (DWM Map):	1993/06/30 00:00:00+00	**Close Out:**	6/24/1999
Incident (DWM Map):	MARKET ST. E-Z SERVE	**Date Occurred:**	6/29/1993
Address (DWM Map):	3024 MARKET ST.	**Contam Type:**	Groundwater/Both
County (DWM Map):	NEW H	**Cleanup:**	6/29/1993
City (DWM Map):	WILMINGTON	**County:**	NEW H
Zip Code (DWM Map):	284030723	**Latitude:**	34.239444
Latitude (DWM Map):	34.239444	**Longitude:**	-77.906666
Long (DWM Map):	-77.906666		

Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (STATUS)

Incident Details

Release Code:		**Samples Include:**	1
Release Cause:		**7.5 Min Quad:**	
Release Source:		**5 Min Quad:**	DD30E
Type:	3	**Submitted Date:**	15-Feb-1994 00:00:00
Location:	1	**I Ownership:**	4
Site Priority:	60D	**Owner Operator:**	MR. W.K. HOBBS
Priority Update:	30-May-1998 00:00:00	**Ownership:**	4
Source Type:		**Ownership Desc:**	Private
ERR Type:		**Operation Type:**	6
Wells Affected Y/N:	N	**Operation Desc:**	Commercial
Wells Affected:	0.0	**PIRF Min Soil:**	Pirf
Samples Taken By:	3		

Description of Incident: ASSESSMENT BY PROPERTY OWNER DISCOVERED HIGH LEVELS OF CONTAM. AT THE PUMP ISLAND. INVESTIGATION FOUND FREE PRODUCT.

Incident Report

Report Type:	CSA	**Approved Date:**	
Request Date:		**Implement Date:**	
Received Date:	16-Nov-1994 00:00:00	**Due Date:**	
Reviewed Date:	09-Sep-1994 00:00:00		
PRT ID:	1084629		
Report Type Description:			
Comment:			

Report Type:	90DAY	**Approved Date:**	
Request Date:		**Implement Date:**	
Received Date:	28-Aug-1998 00:00:00	**Due Date:**	
Reviewed Date:			
PRT ID:	1085463		
Report Type Description:	90 Day Report		
Comment:			

Report Type:	CAP	**Approved Date:**	
Request Date:		**Implement Date:**	
Received Date:	31-Aug-1995 00:00:00	**Due Date:**	
Reviewed Date:			
PRT ID:	1083409		
Report Type Description:	Corrective Action Plan - Soil & GW		
Comment:			

Incident Status

Last Modified:	06-Jul-1999 00:00:00	**Public Meeting Held:**	
Incident Phase:	CO	**Corrective Act Plan:**	
Incid Phase Desc:	Close Out	**SOC Signed:**	
NOV Issued:		**Reclassification Rep:**	
NORR Issued:		**RS Designation:**	
45 Day Report:		**Closure Req Date:**	

UST Incidents

RO Code:	WIL	**Reg:**	R
CD No:	159	**Conf Risk:**	L
Date Reported:	1993/06/30 00:00:00+00	**RRA Date:**	
Land Use:	RES	**RRA Risk:**	
LUR Filed:		**RRA Rank Curr:**	0
LUR Resc:		**RRA Abate:**	
LUR State:		**Risk:**	L
X:	2330458.89559914	**RRA Rank:**	
Y:	179954.909641311	**MGR:**	DTM
Comm:	C		
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-1122%2A%22%7D		
Object ID:	16441		

RUST Data

MGR:	DTM	**LUR Resc:**	
RO Code:	WIL	**LUR State:**	
Date Reported:	1993/06/30 00:00:00+00	**SL MGR:**	
Date Reported FY:	1993	**SL Cleanup Strt Dt:**	
Date Occured FY:	1993	**SL Cleanup End Dt:**	
Comm:	C	**SL Site Stat:**	
Reg:	R	**SL Ftfrecdte:**	
Perccomfndelig:	100	**CD NO:**	159
TOT Paid:	279335.96	**RRA Date:**	
Conf Risk:	L	**RRA Risk:**	
Risk:	L	**RRA Rank Curr:**	0
Landuse:	RES	**RRA Abate:**	
Inc Stat:	Closed	**RRA Rank:**	
Closeout FY:	1999	**X:**	2330458.89570863
LUR Filed:		**Y:**	179954.909712449
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-1122%2A%22%7D		
Comment:	8/3/00 NFA; FP **Note: Many records provided by the department have a truncated [Comment] field.		

LUST Database

MGR:	DTM	**Contact:**	MR. W.K. HOBBS
Regional Office Cd:	WIL	**Telephone:**	
Date Reported:	6/29/1993	**RP Address:**	1132 CASTLE HAYNE ROAD
Release Code:	0	**RP City:**	WILMINGTON
Release Code Desc:		**RP State:**	NC
Source:	3	**RP Zip Code:**	28402
Source Desc:	LEAK, UST	**RP County:**	
Site Priority:	60D	**RP Email:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Pollutant Type:	3	**RP Email1:**	
Pollutant Desc:	GASOLINE/DIESEL/KEROSENE	**RP Owner:**	FALSE
Petroleum Type:	P	**RP Operator:**	FALSE
Petrol Type Desc:	PETROLEUM	**RP Land Owner:**	FALSE
COMM:	C	**Lur Status:**	
COMM Desc:	COMMERCIAL	**LUR Filed:**	
Regulated Code:	R	**LUR Resc:**	
Reg Code Desc:	REGULATED	**LUR State:**	
Notice Rg Rq Issd:	12/30/1993	**GPS Conf:**	69
Notice Violtn Issd:		**RBCA GW:**	
Contamination:	GW	**RBCA GW Desc:**	
Cleanup:	6/29/1993	**RBCA:**	
Conf Risk:	L	**RBCA Desc:**	
Risk:	L	**CD No:**	159
Land Use:	RES	**Reel No:**	3911
Land Use Desc:	Residential	**ERR CD:**	
Phase Reqrd:		**Valid:**	FALSE
Intrmdt Cndition:	CF	**Cat Code:**	
Corr Act Plan Cd:	AEV	**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:		**New Source:**	
MTBE 1:	U	**Book:**	
RP Company:	W.K. HOBBS	**Page:**	
HCS Ref:	Converted DMS		
Comment:			

8/3/00 NFA; FP **Note: Many records provided by the department have a truncated [Comment] field.

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48 | ***1 of 1*** | ***WSW*** | ***0.41 / 2,188.28*** | ***27.43 / 2*** | ***Belvedere Drive - 2426***
2426 Belvedere Dr
Wilmington NC 28405 | ***LUST***

Incdnt No (DWM Map):	47296	**Incident No:**	47296
Fac ID (DWM Map):		**Facility ID:**	
UST No (DWM Map):	WI-28012	**UST No:**	WI-28012
Curr Stat (DWM Map):	Current Record	**Current Status:**	C
Close Out(DWMMap):	2020/12/02 00:00:00+00	**Status Title:**	Current Record
Dt Occur (DWM Map):	2020/09/17 00:00:00+00	**Close Out:**	12/1/2020
Incident (DWM Map):	Belvedere Drive - 2426	**Date Occurred:**	9/16/2020
Address (DWM Map):	2426 Belvedere Dr	**Contam Type:**	Groundwater/Both
County (DWM Map):	NEW H	**Cleanup:**	9/16/2020
City (DWM Map):	Wilmington	**County:**	NEW H
Zip Code (DWM Map):	28405	**Latitude:**	34.244478
Latitude (DWM Map):	34.244478	**Longitude:**	-77.915659
Long (DWM Map):	-77.915659		
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		
Data Source:	Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (PIRF); RUST Incident Management Database (STATUS)		

Incident Details

Release Code:	4	**Samples Include:**	
Release Cause:	7	**7.5 Min Quad:**	
Release Source:	A	**5 Min Quad:**	
Type:	4	**Submitted Date:**	
Location:	7	**I Ownership:**	
Site Priority:		**Owner Operator:**	
Priority Update:		**Ownership:**	4
Source Type:	2	**Ownership Desc:**	Private
ERR Type:		**Operation Type:**	3
Wells Affected Y/N:	N	**Operation Desc:**	Residential
Wells Affected:		**PIRF Min Soil:**	
Samples Taken By:	Y		

Description of Incident:

Incident Status

Last Modified:	01-Dec-2020 00:00:00	***Public Meeting Held:***	
Incident Phase:	CO	***Corrective Act Plan:***	
Incid Phase Desc:	Close Out	***SOC Signed:***	
NOV Issued:		***Reclassification Rep:***	
NORR Issued:		***RS Designation:***	
45 Day Report:		***Closure Req Date:***	

UST Incidents

RO Code:	WIL	***Reg:***	N
CD No:		***Conf Risk:***	L
Date Reported:	2020/09/17 00:00:00+00	***RRA Date:***	
Land Use:		***RRA Risk:***	
LUR Filed:	2020/10/08 00:00:00+00	***RRA Rank Curr:***	0
LUR Resc:		***RRA Abate:***	
LUR State:	B	***Risk:***	L
X:	2327720.87581272	***RRA Rank:***	
Y:	181757.070078984	***MGR:***	LEP
Comm:	N		
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-28012%2A%22%7D		
Object ID:	42970		

RUST Data

MGR:	LEP	***LUR Resc:***	
RO Code:	WIL	***LUR State:***	B
Date Reported:	2020/09/17 00:00:00+00	***SL MGR:***	
Date Reported FY:	2020	***SL Cleanup Strt Dt:***	
Date Occured FY:	2020	***SL Cleanup End Dt:***	
Comm:	N	***SL Site Stat:***	
Reg:	N	***SL Ftfrecdte:***	
Perccomfndelig:		***CD NO:***	
TOT Paid:		***RRA Date:***	
Conf Risk:	L	***RRA Risk:***	
Risk:	L	***RRA Rank Curr:***	0
Landuse:		***RRA Abate:***	
Inc Stat:	Closed	***RRA Rank:***	
Closeout FY:	2021	***X:***	2327720.87567935
LUR Filed:	2020/10/08 00:00:00+00	***Y:***	181757.070054262
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-28012%2A%22%7D		
Comment:	NRP filed on both soil and GW in deed book 6364, pages 1786-1791 **Note: Many records provided by the department have a truncated [Comment] field.		

LUST Database

MGR:	LEP	***Contact:***	Jennifer Coombs
Regional Office Cd:	WIL	***Telephone:***	9104316324
Date Reported:	9/16/2020	***RP Address:***	2426 Belvedere Dr
Release Code:		***RP City:***	Wilmington
Release Code Desc:		***RP State:***	NC
Source:	3	***RP Zip Code:***	28405
Source Desc:	LEAK, UST	***RP County:***	
Site Priority:		***RP Email:***	
Pollutant Type:	4	***RP Email1:***	
Pollutant Desc:	HEATING OIL	***RP Owner:***	FALSE
Petroleum Type:	P	***RP Operator:***	FALSE
Petrol Type Desc:	PETROLEUM	***RP Land Owner:***	TRUE
COMM:	N	***Lur Status:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

COMM Desc:	NON COMMERCIAL	**LUR Filed:**	10/7/2020
Regulated Code:	N	**LUR Resc:**	
Reg Code Desc:	NON REGULATED	**LUR State:**	B
Notice Rg Rq Issd:		**GPS Conf:**	31
Notice Violtn Issd:		**RBCA GW:**	G2
Contamination:	GW	**RBCA GW Desc:**	Cleanups to alternate standards
Cleanup:	9/16/2020	**RBCA:**	S1
Conf Risk:	L	**RBCA Desc:**	Residential
Risk:	L	**CD No:**	
Land Use:		**Reel No:**	
Land Use Desc:		**ERR CD:**	NO
Phase Reqrd:		**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:	0	**New Source:**	
MTBE 1:	U	**Book:**	1
RP Company:		**Page:**	1791
HCS Ref:	Google Earth		
Comment:			

NRP filed on both soil and GW in deed book 6364, pages 1786-1791 **Note: Many records provided by the department have a truncated [Comment] field.

49	***1 of 1***	***SE***	***0.42 / 2,211.51***	***38.83 / 14***	***ATLANTIC SHORES DIST. 3801 MARKET ST. WILMINGTON NC***	***LUST***

Incdnt No (DWM Map):		**Incident No:**	
Fac ID (DWM Map):		**Facility ID:**	
UST No (DWM Map):	WI-21	**UST No:**	WI-21
Curr Stat (DWM Map):	Archived	**Current Status:**	A
Close Out(DWMMap):	1991/06/09 00:00:00+00	**Status Title:**	Archived
Dt Occur (DWM Map):	1991/06/09 00:00:00+00	**Close Out:**	6/8/1991
Incident (DWM Map):	ATLANTIC SHORES DIST.	**Date Occurred:**	6/8/1991
Address (DWM Map):	3801 MARKET ST.	**Contam Type:**	
County (DWM Map):	NEW H	**Cleanup:**	6/8/1991
City (DWM Map):	WILMINGTON	**County:**	NEW H
Zip Code (DWM Map):		**Latitude:**	34.225725
Latitude (DWM Map):	34.225725	**Longitude:**	-77.94471
Long (DWM Map):	-77.94471		
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		
Data Source:	Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB)		

UST Incidents

RO Code:	WIL	**Reg:**	R
CD No:	580	**Conf Risk:**	L
Date Reported:	1991/06/09 00:00:00+00	**RRA Date:**	
Land Use:		**RRA Risk:**	
LUR Filed:		**RRA Rank Curr:**	0
LUR Resc:		**RRA Abate:**	
LUR State:		**Risk:**	
X:	2319013.68719038	**RRA Rank:**	
Y:	174837.827027723	**MGR:**	NPM
Comm:	C		
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-21%2A%22%7D		
Object ID:	10003		

RUST Data

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

MGR:	NPM	**LUR Resc:**	
RO Code:	WIL	**LUR State:**	
Date Reported:	1991/06/09 00:00:00+00	**SL MGR:**	
Date Reported FY:	1991	**SL Cleanup Strt Dt:**	
Date Occured FY:	1991	**SL Cleanup End Dt:**	
Comm:	C	**SL Site Stat:**	
Reg:	R	**SL Ftfrecdte:**	
Perccomfndelig:		**CD NO:**	580
TOT Paid:		**RRA Date:**	
Conf Risk:	L	**RRA Risk:**	
Risk:		**RRA Rank Curr:**	0
Landuse:		**RRA Abate:**	
Inc Stat:	Closed	**RRA Rank:**	
Closeout FY:	1991	**X:**	2319013.6870982
LUR Filed:		**Y:**	174837.827149998

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-21%2A%22%7D

Comment: Status update review conducted by LEB, NFA letter drafted 5/30/2012 Pulled for archiving on 4/27/2015 **Note: Many records provided by the department have a truncated [Comment] field.

LUST Database

MGR:	NPM	**Contact:**	
Regional Office Cd:	WIL	**Telephone:**	
Date Reported:	6/8/1991	**RP Address:**	
Release Code:	0	**RP City:**	
Release Code Desc:		**RP State:**	
Source:		**RP Zip Code:**	
Source Desc:		**RP County:**	
Site Priority:		**RP Email:**	
Pollutant Type:		**RP Email1:**	
Pollutant Desc:		**RP Owner:**	FALSE
Petroleum Type:		**RP Operator:**	FALSE
Petrol Type Desc:		**RP Land Owner:**	FALSE
COMM:	C	**Lur Status:**	
COMM Desc:	COMMERCIAL	**LUR Filed:**	
Regulated Code:	R	**LUR Resc:**	
Reg Code Desc:	REGULATED	**LUR State:**	
Notice Rg Rq Issd:		**GPS Conf:**	99
Notice Violtn Issd:		**RBCA GW:**	
Contamination:		**RBCA GW Desc:**	
Cleanup:	6/8/1991	**RBCA:**	
Conf Risk:	L	**RBCA Desc:**	
Risk:		**CD No:**	580
Land Use:		**Reel No:**	0
Land Use Desc:		**ERR CD:**	
Phase Reqrd:		**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:		**New Source:**	
MTBE 1:	U	**Book:**	
RP Company:		**Page:**	
HCS Ref:			
Comment:			

Status update review conducted by LEB, NFA letter drafted 5/30/2012 Pulled for archiving on 4/27/2015 **Note: Many records provided by the department have a truncated [Comment] field.

50	***1 of 1***	***WSW***	***0.43 / 2,244.60***	***27.61 / 2***	***WILBERT MITCHELL RESIDENCE 319 25TH STREET WILMINGTON NC 28401***	***LAST***

Incident No:	86020	**County:**	New H

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

UST No:	WI-86020	**Incident No (Map):**	86020
Facility ID:		**UST No (Map):**	WI-86020
Current Status:	Current Record	**Facility ID (Map):**	
Dt Occurred (IMD):	5/19/1999	**Current Stat (Map):**	Current Record
Closeout (IMD):		**Dt Occurred (Map):**	1999/05/20 00:00:00+00
Contamination:	SL	**Closeout (Map):**	
Contamination Type:	Soil	**Latitude (Map):**	34.243055
Cleanup:		**Longitude (Map):**	-77.915277
Latitude:	34.243055	**County (Map):**	New H
Longitude:	-77.915277	**Address (Map):**	319 25TH STREET
Address:	319 25TH STREET	**Zipcode (Map):**	28401
Zipcode:	28401	**City Town (Map):**	WILMINGTON
Citytown:	WILMINGTON		

Incident Name: WILBERT MITCHELL RESIDENCE
Inc Name (Map): WILBERT MITCHELL RESIDENCE
LF Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%28%7B%5B%5D%3A%5BProgram_ID%5D%3D%22WI-86020%22%7D%29
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx
Data Source: Deptartment of Environmental Quality - RAST; Aboveground Incident Management Database (UST DB); Aboveground Incident Management Database (ASSIGNID); Aboveground Incident Management Database (PIRF); Aboveground Incident Management Database (STATUS)

Incident Information

Facility ID:		**County:**	New H
Date Entered:		**Region:**	7
Src Contamination:	14		

Incident Loc Name: WILBERT MITCHELL RESIDENCE

Incident Details

Date Occurred:		**Release Code:**	
Submitted Date:		**Release Code Desc:**	
Type:		**Owner Operator:**	
Location:		**Ownership:**	5
Location Desc:		**Ownership Desc:**	Federal
Site Priority:	0NOD	**Operation Type:**	5
Priority Update:		**Operation Desc:**	Industrial
Wells Affected Y/N:	No	**75 Min Quad:**	
Wells Affected:	0	**5 Min Quad:**	
Samples Taken By:		**PIRF Min Soil:**	
Samples Include:		**Source Type:**	0

Description of Incident:

Incident Status

Last Modified:	8/4/2022	**NOV Issued:**	
Incident Phase:	FU	**NORR Issued:**	
Inci Phase Desc:	Follow Up	**Close Out Report:**	

RAST (Map)

Regional Office Cd:	WIL	**Regulated Code:**	
CD No:	0	**Regulated Cd Desc:**	
Date Reported:	1999/05/20 00:00:00+00	**Conf Risk:**	I
Land Use:		**Risk:**	L
Inc Stat:	Open	**RRA Date:**	
LUR Filed:		**RRA Risk:**	
LUR Resc:		**RRA Abate:**	
LUR State:		**RRA Rank:**	0
MGR:	NPM	**RRA Rank 2:**	
COMM:		**X:**	2327841.98168032
COMM Desc:		**Y:**	181240.473223461

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-86020%2A%22%7D

Comment: LP - 8/4/2022 file found in general files and will be scanned and filed

LP- file review attempted on 4/13/2022 but no file found. 01/18/2008 no file able to be located. DTM **Note: Many records provided by the department have a truncated [Comment] field.

RAST Database

MGR:	NPM	**Release Code:**	0
Regional Office Cd:	WIL	**Release Desc:**	
Date Reported:	5/19/1999	**LUR Filed:**	
Source Code:	14	**LUR Resc:**	
Source Desc:	AST System	**LUR State:**	
Pollutant Type:	PETROLEUM	**GPS Conf:**	13
COMM:		**RBCA GW:**	
COMM Desc:		**RBCA GW Desc:**	
Regulated Code:		**PETOPT Desc:**	HEATING OIL
Regulated Desc:		**CD No:**	0
Ntice Rg Rq Issd:		**Reel No:**	0
Ntice Violtn Issd:		**RP Owner:**	FALSE
Conf Risk:	I	**RP Operator:**	FALSE
Risk:	L	**RP Land Owner:**	FALSE
Land Use:		**ERRCD:**	
Land Use Desc:		**Valid:**	FALSE
Site Priority:	0	**Cat Code:**	
Intrmdt Cndition:		**HCS Res:**	
Crrctve Act Pln Tp:		**Reliability:**	
RBCA:		**LUR Status:**	
RBCA Desc:		**LUR Status1:**	
Close Reqsd:		**Phase Required:**	
Supply Well:	0	**Book:**	
MTBE:	0	**Page:**	
Telephone:		**Email:**	
MTBE1:	U	**Latitude:**	
MTBE Desc:	Unknown	**Longitude:**	
CAP Desc:			
HCS Ref:			
RP:	FALSE		
RP Company:	NA		
Contact:	WILBERT MITHCHELL		
RP Address:	319 25TH STREET		
RP City:	WILMINGTON		
RP State:	NC		
RP Zipcode:			
RP County:			
RP Email:			
Comment:			

LP - 8/4/2022 file found in general files and will be scanned and filed

LP- file review attempted on 4/13/2022 but no file found. 01/18/2008 no file able to be located. DTM **Note: Many records provided by the department have a truncated [Comment] field.

Map Viewer Details

CD No:	0	**Risk:**	L
MGR:	NPM	**LUR Filed:**	
RO Code:	WIL	**LUR Resc:**	
Date Reported:	5/19/1999, 8:00 PM	**LUR State:**	
Comm:		**RRA Date:**	
Comm Desc:		**RRA Risk:**	
Reg:		**RRA Abate:**	
Regulated Cd Desc:		**RRA Rank:**	0
Con Frisk:	I	**X:**	-77.91527468701082
Land Use:		**Y:**	34.2430482319954

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Comment: LP - 8/4/2022 file found in general files and will be scanned and filed

LP- file review attempted on 4/13/2022 but no file found. 01/18/2008 no file able to be located. DTM

AST Incidents Open Data Details

CD No:	0	**LUR Filed:**	
MGR:	NPM	**LUR Resc:**	
RO Code:	WIL	**LUR State:**	
Date Reported:	1999/05/20 00:00:00+00	**RRA Date:**	
Comm:		**RRA Risk:**	
Comm Desc:		**RRA Abate:**	
Reg:		**RRA Rank:**	0
Regulated Cd Desc:		**RRA Rank 2:**	
Con Frisk:	I	**X:**	2327841.98168032
Land Use:		**Y:**	181240.473223461
Risk:	L		

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-86020%2A%22%7D

51	1 of 2	W	0.43 / 2,270.89	24.76 / -1	**Bowen Residence, Frank** **2415 Shirley Road** **Wilmington NC**	**LUST TRUST**

Incident No: 32502
Facility ID:
Site County: New Hanover
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Details

Archive Submit No:		**3rd Party Deduct:**	$0.00
CD No:		**Sum 3rd Party Amts:**	$0.00
UST No:	WI-7379	**Deduct Determine:**	0
Priority Rank:		**Deductible Amount:**	$0.00
Priority Rank Desc:		**Deductible Reason1:**	
Site Eligible?:	Yes	**Deductible Reason2:**	
% Commercial Fund:	0.0	**Inel App:**	
Reimbursement Form:	No		

Site Note: Noncommercial; 100% eligible; $0 deductible.[CGS 1/28/09]

51	2 of 2	W	0.43 / 2,270.89	24.76 / -1	**BOWEN RESIDENCE, FRANK** **2415 SHIRLEY ROAD** **WILMINGTON NC**	**LUR**

Prj No:	WI-7379	**Certification:**	None
Prj Status:	No Further Action	**Deed Bk:**	
Contam Src:	UST System	**Deed Pg:**	
Instrument Status:	Effective	**Plat Bk:**	
Instrument:	Notice and Restriction	**Plat Pg:**	
Rec Date:	1/7/2009	**Plat Link 1:**	
Plat Rec Date:		**Deed Link 1:**	Recorded Document Link
Deed Date:	Recorded 1-7-2009	**Prj County:**	New Hanover
Plat Date:		**X:**	2327593.080792725
Restricted Media:	Multi-Media	**Y:**	182518.09349131584
Allowed Use:	Media Restrictions Only		
COC:	Multi COC		
DWM Program:	Underground Storage Tank Section		
Deed:			
Plat:			

DWM Contact: Wilmington Regional Office (910) 796-7215
Deed Link: https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7379%2A%22%7D

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Plat Link URL:
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

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52 | **1 of 1** | **W** | **0.43 / 2,270.90** | **24.76 / -1** | **BOWEN RESIDENCE, FRANK**
2415 SHIRLEY ROAD
WILMINGTON NC 28405 | **LUST**

Incdnt No (DWM Map):	32502	**Incident No:**	32502
Fac ID (DWM Map):		**Facility ID:**	
UST No (DWM Map):	WI-7379	**UST No:**	WI-7379
Curr Stat (DWM Map):	Archived	**Current Status:**	A
Close Out(DWMMap):	2009/01/17 00:00:00+00	**Status Title:**	Archived
Dt Occur (DWM Map):	2008/08/14 00:00:00+00	**Close Out:**	1/16/2009
Incident (DWM Map):	BOWEN RESIDENCE, FRANK	**Date Occurred:**	8/13/2008
Address (DWM Map):	2415 SHIRLEY ROAD	**Contam Type:**	Soil
County (DWM Map):	NEW H	**Cleanup:**	8/13/2008
City (DWM Map):	WILMINGTON	**County:**	NEW H
Zip Code (DWM Map):	28405	**Latitude:**	34.246566
Latitude (DWM Map):	34.246566	**Longitude:**	-77.916052
Long (DWM Map):	-77.916052		

Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (STATUS)

Incident Details

Release Code:	9	**Samples Include:**	
Release Cause:	7	**7.5 Min Quad:**	
Release Source:	A	**5 Min Quad:**	
Type:	4	**Submitted Date:**	13-Aug-2008 00:00:00
Location:	7	**I Ownership:**	4
Site Priority:		**Owner Operator:**	
Priority Update:		**Ownership:**	4
Source Type:	P	**Ownership Desc:**	Private
ERR Type:		**Operation Type:**	3
Wells Affected Y/N:	N	**Operation Desc:**	Residential
Wells Affected:		**PIRF Min Soil:**	
Samples Taken By:	Y		

Description of Incident: LAB RESULTS FOR HAND AUGER SAMPLE NEXT TO TANK CONFIRMED RELEASE FROM A 270 GALLON HEATING OIL TANK AT THE RESIDENCE. UST CLOSURE SCHEDULED FOR 8/21/08.

Incident Report

Report Type:	20DAY	**Approved Date:**	29-Sep-2008 00:00:00
Request Date:		**Implement Date:**	
Received Date:	25-Sep-2008 00:00:00	**Due Date:**	
Reviewed Date:	29-Sep-2008 00:00:00		
PRT ID:	1087722		
Report Type Description:	20 Day Report		
Comment:			

Report Type:	IAA	**Approved Date:**	29-Sep-2008 00:00:00
Request Date:		**Implement Date:**	
Received Date:	25-Sep-2008 00:00:00	**Due Date:**	
Reviewed Date:	29-Sep-2008 00:00:00		
PRT ID:	1087726		
Report Type Description:			
Comment:			

Included H&S plan **Note: Many records provided by the department have a truncated [Comment] field.

Report Type: LSA1
Request Date:
Received Date: 18-Nov-2008 00:00:00
Reviewed Date: 19-Nov-2008 00:00:00
PRT ID: 1087772
Report Type Description: Limited Site Assmt Phase 1
Comment:

Approved Date: 19-Nov-2008 00:00:00
Implement Date:
Due Date:

ranked L82D. Requested NRP and closure.

Report Type: DR
Request Date:
Received Date: 08-Jan-2009 00:00:00
Reviewed Date: 16-Jan-2009 00:00:00
PRT ID: 1087811
Report Type Description: Deed Recordation
Comment:

Approved Date: 16-Jan-2009 00:00:00
Implement Date:
Due Date:

BK:5368 // PG:1123-1126 **Note: Many records provided by the department have a truncated [Comment] field.

Incident Status

Last Modified: 16-Jan-2009 00:00:00
Incident Phase: CO
Incid Phase Desc: Close Out
NOV Issued:
NORR Issued:
45 Day Report:

Public Meeting Held:
Corrective Act Plan:
SOC Signed:
Reclassification Rep:
RS Designation:
Closure Req Date:

UST Incidents

RO Code: WIL
CD No: 461
Date Reported: 2008/08/14 00:00:00+00
Land Use:
LUR Filed: 2009/01/09 00:00:00+00
LUR Resc:
LUR State: B
X: 2327593.80684114
Y: 182515.637787566
Comm: N
Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7379%2A%22%7D
Object ID: 33368

Reg: N
Conf Risk: L
RRA Date:
RRA Risk:
RRA Rank Curr: 0
RRA Abate:
Risk: L
RRA Rank:
MGR: MEC

RUST Data

MGR: MEC
RO Code: WIL
Date Reported: 2008/08/14 00:00:00+00
Date Reported FY: 2008
Date Occured FY: 2008
Comm: N
Reg: N
Perccomfndelig: 0
TOT Paid: 13568.18
Conf Risk: L
Risk: L
Landuse:
Inc Stat: Closed
Closeout FY: 2009
LUR Filed: 2009/01/09 00:00:00+00

LUR Resc:
LUR State: B
SL MGR:
SL Cleanup Strt Dt:
SL Cleanup End Dt:
SL Site Stat:
SL Ftfrecdte:
CD NO: 461
RRA Date:
RRA Risk:
RRA Rank Curr: 0
RRA Abate:
RRA Rank:
X: 2327593.80670813
Y: 182515.637699314

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7379%2A%22%7D

Comment: Closed with NRP **Note: Many records provided by the department have a truncated [Comment] field.

LUST Database

MGR:	MEC	***Contact:***	FRANK I. BOWEN
Regional Office Cd:	WIL	***Telephone:***	9107634979
Date Reported:	8/13/2008	***RP Address:***	2415 SHIRLEY ROAD
Release Code:	0	***RP City:***	WILMINGTON
Release Code Desc:		***RP State:***	NC
Source:	3	***RP Zip Code:***	28405
Source Desc:	LEAK, UST	***RP County:***	
Site Priority:		***RP Email:***	
Pollutant Type:	4	***RP Email1:***	
Pollutant Desc:	HEATING OIL	***RP Owner:***	TRUE
Petroleum Type:	P	***RP Operator:***	TRUE
Petrol Type Desc:	PETROLEUM	***RP Land Owner:***	TRUE
COMM:	N	***Lur Status:***	
COMM Desc:	NON COMMERCIAL	***LUR Filed:***	1/8/2009
Regulated Code:	N	***LUR Resc:***	
Reg Code Desc:	NON REGULATED	***LUR State:***	B
Notice Rg Rq Issd:		***GPS Conf:***	31
Notice Violtn Issd:		***RBCA GW:***	
Contamination:	SL	***RBCA GW Desc:***	
Cleanup:	8/13/2008	***RBCA:***	
Conf Risk:	L	***RBCA Desc:***	
Risk:	L	***CD No:***	461
Land Use:		***Reel No:***	7379
Land Use Desc:		***ERR CD:***	NO
Phase Reqrd:		***Valid:***	FALSE
Intrmdt Cndition:		***Cat Code:***	
Corr Act Plan Cd:		***HCS Res:***	
CAP Desc:		***Reliability:***	
Clos Reqsd:		***Supply Well:***	0
MTBE:	0	***New Source:***	
MTBE 1:	U	***Book:***	
RP Company:		***Page:***	
HCS Ref:	Google Earth		
Comment:			

Closed with NRP **Note: Many records provided by the department have a truncated [Comment] field.

53	*1 of 1*	***SSW***	***0.46 / 2,443.61***	***33.61 / 8***	***Market St, 2802 2802 Market St Wilmington NC***	***LUST TRUST***

Incident No: 32702
Facility ID:
Site County: New Hanover
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Details

Archive Submit No:		***3rd Party Deduct:***	$0.00
CD No:		***Sum 3rd Party Amts:***	$0.00
UST No:	WI-7606	***Deduct Determine:***	0
Priority Rank:		***Deductible Amount:***	$0.00
Priority Rank Desc:		***Deductible Reason1:***	
Site Eligible?:	Yes	***Deductible Reason2:***	
% Commercial Fund:	0.0	***Inel App:***	
Reimbursement Form:	No		

Site Note: Noncommercial; 100% eligible; $0 deductible. Track this as a site that would have been 5K + 10% as this is

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

receiving 100% because of Session Law 2010-154. [CGS 11/22/11]

54	1 of 1	SE	0.47 / 2,459.57	37.71 / 12	KAYO STATION, FORMER 3626 MARKET STREET WILMINGTON NC 28403	LUST

Incdnt No (DWM Map):	32083	**Incident No:**	32083
Fac ID (DWM Map):	00-0-0000001460	**Facility ID:**	00-0-0000001460
UST No (DWM Map):	WI-2343	**UST No:**	WI-2343
Curr Stat (DWM Map):	Archived	**Current Status:**	A
Close Out(DWMMap):	2003/09/26 00:00:00+00	**Status Title:**	Archived
Dt Occur (DWM Map):	1991/12/17 00:00:00+00	**Close Out:**	9/25/2003
Incident (DWM Map):	KAYO STATION, FORMER	**Date Occurred:**	12/16/1991
Address (DWM Map):	3626 MARKET STREET	**Contam Type:**	Groundwater/Both
County (DWM Map):	NEW H	**Cleanup:**	1/30/1992
City (DWM Map):	WILMINGTON	**County:**	NEW H
Zip Code (DWM Map):	28403	**Latitude:**	34.240595
Latitude (DWM Map):	34.240595	**Longitude:**	-77.900684
Long (DWM Map):	-77.900684		

Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (STATUS)

Incident Details

Release Code:	3	**Samples Include:**	w
Release Cause:		**7.5 Min Quad:**	
Release Source:	E	**5 Min Quad:**	
Type:	3	**Submitted Date:**	30-Jan-1992 00:00:00
Location:	1	**I Ownership:**	4
Site Priority:		**Owner Operator:**	
Priority Update:		**Ownership:**	4
Source Type:	E	**Ownership Desc:**	Private
ERR Type:		**Operation Type:**	6
Wells Affected Y/N:	n	**Operation Desc:**	Commercial
Wells Affected:		**PIRF Min Soil:**	
Samples Taken By:	2		

Description of Incident: Outparcel of the former Tony's Foreign Car. Tanks removed sometime in 1985 by Tony Karafas per BB&T report. Contamination detected in the groundwater per BB&T

Incident Report

Report Type:	LSA2	**Approved Date:**	10-Sep-2003 00:00:00
Request Date:		**Implement Date:**	
Received Date:	08-Sep-2003 00:00:00	**Due Date:**	
Reviewed Date:	10-Sep-2003 00:00:00		
PRT ID:	1085157		
Report Type Description:	Limited Site Assmt Phase 1 & 2		
Comment:			

wells confirmed to be on site.

Incident Status

Last Modified:	25-Sep-2003 00:00:00	**Public Meeting Held:**	
Incident Phase:	CO	**Corrective Act Plan:**	
Incid Phase Desc:	Close Out	**SOC Signed:**	
NOV Issued:		**Reclassification Rep:**	
NORR Issued:		**RS Designation:**	
45 Day Report:		**Closure Req Date:**	

UST Incidents

RO Code:	WIL	***Reg:***	R
CD No:	245	***Conf Risk:***	L
Date Reported:	1992/01/31 00:00:00+00	***RRA Date:***	
Land Use:	RES	***RRA Risk:***	
LUR Filed:	2003/10/04 00:00:00+00	***RRA Rank Curr:***	0
LUR Resc:		***RRA Abate:***	
LUR State:	B	***Risk:***	L
X:	2332262.2312313	***RRA Rank:***	
Y:	180393.748986721	***MGR:***	BAR
Comm:	C		
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-2343%2A%22%7D		
Object ID:	32957		

RUST Data

MGR:	BAR	***LUR Resc:***	
RO Code:	WIL	***LUR State:***	B
Date Reported:	1992/01/31 00:00:00+00	***SL MGR:***	
Date Reported FY:	1992	***SL Cleanup Strt Dt:***	
Date Occured FY:	1992	***SL Cleanup End Dt:***	
Comm:	C	***SL Site Stat:***	
Reg:	R	***SL Ftfrecdte:***	
Perccomfndelig:		***CD NO:***	245
TOT Paid:		***RRA Date:***	
Conf Risk:	L	***RRA Risk:***	
Risk:	L	***RRA Rank Curr:***	0
Landuse:	RES	***RRA Abate:***	
Inc Stat:	Closed	***RRA Rank:***	
Closeout FY:	2003	***X:***	2332262.23121683
LUR Filed:	2003/10/04 00:00:00+00	***Y:***	180393.748950386
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-2343%2A%22%7D		
Comment:	see also tony;s foregin car center file. This site (Kayo) is the outparcel located on the west end of "the site". Street address is now 3626 Market St. We were initially told 3702 Market St. Also see Furniture Outlet file. MORE INFORMATION ON CD 573 **Note: Many records provided by the department have a truncated [Comment] field.		

LUST Database

MGR:	BAR	***Contact:***	JOHN SKOPAK
Regional Office Cd:	WIL	***Telephone:***	2812935584
Date Reported:	1/30/1992	***RP Address:***	P.O. BOX 2197
Release Code:		***RP City:***	HOUSTON
Release Code Desc:		***RP State:***	TX
Source:	3	***RP Zip Code:***	77079
Source Desc:	LEAK, UST	***RP County:***	
Site Priority:		***RP Email:***	
Pollutant Type:	3	***RP Email1:***	
Pollutant Desc:	GASOLINE/DIESEL/KEROSENE	***RP Owner:***	TRUE
Petroleum Type:	P	***RP Operator:***	FALSE
Petrol Type Desc:	PETROLEUM	***RP Land Owner:***	FALSE
COMM:	C	***Lur Status:***	
COMM Desc:	COMMERCIAL	***LUR Filed:***	10/3/2003
Regulated Code:	R	***LUR Resc:***	
Reg Code Desc:	REGULATED	***LUR State:***	B
Notice Rg Rq Issd:		***GPS Conf:***	31
Notice Violtn Issd:		***RBCA GW:***	G2
Contamination:	GW	***RBCA GW Desc:***	Cleanups to alternate standards
Cleanup:	1/30/1992	***RBCA:***	S1
Conf Risk:	L	***RBCA Desc:***	Residential
Risk:	L	***CD No:***	245
Land Use:	RES	***Reel No:***	
Land Use Desc:	Residential	***ERR CD:***	YES
Phase Reqrd:	2	***Valid:***	FALSE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:	0	**New Source:**	
MTBE 1:	Y	**Book:**	
RP Company:	CONOCO, INC.	**Page:**	
HCS Ref:	google earth		
Comment:			

see also tony;s foregin car center file. This site (Kayo) is the outparcel located on the west end of "the site". Street address is now 3626 Market St. We were initially told 3702 Market St. Also see Furniture Outlet file. MORE INFORMATION ON CD 573 **Note: Many records provided by the department have a truncated [Comment] field.

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55 | **1 of 1** | **SE** | **0.47 / 2,459.58** | **37.71 / 12** | **KAYO STATION, FORMER**
3626 MARKET STREET
WILMINGTON NC | **LUR**

Prj No:	WI-2343	**Certification:**	None
Prj Status:	No Further Action	**Deed Bk:**	
Contam Src:	UST System	**Deed Pg:**	
Instrument Status:	Effective	**Plat Bk:**	
Instrument:	Notice and Restriction	**Plat Pg:**	
Rec Date:	10/2/2003	**Plat Link 1:**	
Plat Rec Date:		**Deed Link 1:**	Recorded Document Link
Deed Date:	Recorded 10-2-2003	**Prj County:**	New Hanover
Plat Date:		**X:**	2332261.5061671436
Restricted Media:	Multi-Media	**Y:**	180396.20436239243
Allowed Use:	Media Restrictions Only		
COC:	Multi COC		
DWM Program:	Underground Storage Tank Section		
Deed:			
Plat:			
DWM Contact:	Wilmington Regional Office (910) 796-7215		
Deed Link:	https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-2343%2A%22%7D		
Plat Link URL:			
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		

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56 | **1 of 1** | **SSE** | **0.47 / 2,480.16** | **37.43 / 12** | **wilmington hyundai**
3302 Market Street
Wilmington NC 28403 | **LAST**

Incident No:	94044	**County:**	NEW H
UST No:	WI-88159	**Incident No (Map):**	94044
Facility ID:		**UST No (Map):**	WI-88159
Current Status:	Current Record	**Facility ID (Map):**	
Dt Occurred (IMD):	11/4/2004	**Current Stat (Map):**	Current Record
Closeout (IMD):	11/18/2008	**Dt Occurred (Map):**	2004/11/05 00:00:00+00
Contamination:	SL	**Closeout (Map):**	2008/11/19 00:00:00+00
Contamination Type:	Soil	**Latitude (Map):**	34.238744
Cleanup:		**Longitude (Map):**	-77.904283
Latitude:	34.238744	**County (Map):**	NEW H
Longitude:	-77.904283	**Address (Map):**	3302 Market Street
Address:	3302 Market Street	**Zipcode (Map):**	28403
Zipcode:	28403	**City Town (Map):**	Wilmington
Citytown:	Wilmington		
Incident Name:	wilmington hyundai		
Inc Name (Map):	wilmington hyundai		
LF Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%28%7B%5B%5D%3A%5BProgram_ID%5D%3D%22WI-88159%22%7D%29		
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		
Data Source:	Deptartment of Environmental Quality - RAST; Aboveground Incident Management Database (UST DB); Aboveground Incident Management Database (RPTS); Aboveground Incident Management Database (ASSIGNID);		

Aboveground Incident Management Database (PIRF); Aboveground Incident Management Database (STATUS)

Incident Information

Facility ID:		***County:***	NEW H
Date Entered:	11/18/2008	***Region:***	WIL
Src Contamination:	7		
Incident Loc Name:	wilmington hyundai		

Incident Details

Date Occurred:	11/4/2004	***Release Code:***	3
Submitted Date:	2/17/2005	***Release Code Desc:***	Property Transfer
Type:	5	***Owner Operator:***	
Location:	1	***Ownership:***	4
Location Desc:	Facility	***Ownership Desc:***	Private
Site Priority:		***Operation Type:***	8
Priority Update:		***Operation Desc:***	
Wells Affected Y/N:	n	***75 Min Quad:***	
Wells Affected:		***5 Min Quad:***	
Samples Taken By:	s	***PIRF Min Soil:***	
Samples Include:		***Source Type:***	E

Description of Incident: Oil and grease was discovered in soil samples obtained from the site in 2004.

Incident Report

Report Type:	OTH	***Approved Date:***	3/10/2005
Request Date:		***Implement Date:***	
Received Date:	2/17/2005	***Due Date:***	
Reviewed Date:	3/10/2005		
Report Type Desc:	Other (Comments Required)		

Comment:

Phase II ESA

Incident Status

Last Modified:	11/18/2008	***NOV Issued:***	
Incident Phase:	CO	***NORR Issued:***	
Inci Phase Desc:	Close Out	***Close Out Report:***	

RAST (Map)

Regional Office Cd:	WIL	***Regulated Code:***	
CD No:	0	***Regulated Cd Desc:***	
Date Reported:	2005/02/18 00:00:00+00	***Conf Risk:***	L
Land Use:		***Risk:***	
Inc Stat:	Closed	***RRA Date:***	
LUR Filed:		***RRA Risk:***	
LUR Resc:		***RRA Abate:***	
LUR State:		***RRA Rank:***	0
MGR:	NPM	***RRA Rank 2:***	
COMM:		***X:***	2331181.93555268
COMM Desc:		***Y:***	179708.107207579

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-88159%2A%22%7D

Comment: soil contamination only detected beneath old building concrete slab foundation.

RAST Database

MGR:	NPM	***Release Code:***	0

Regional Office Cd:	WIL	**Release Desc:**	
Date Reported:	2/17/2005	**LUR Filed:**	
Source Code:	1	**LUR Resc:**	
Source Desc:	Unknown	**LUR State:**	
Pollutant Type:	PETROLEUM	**GPS Conf:**	21
COMM:		**RBCA GW:**	
COMM Desc:		**RBCA GW Desc:**	
Regulated Code:		**PETOPT Desc:**	OTHER PETROLEUM PROD.
Regulated Desc:		**CD No:**	0
Ntice Rg Rq Issd:		**Reel No:**	0
Ntice Violtn Issd:		**RP Owner:**	FALSE
Conf Risk:	L	**RP Operator:**	FALSE
Risk:		**RP Land Owner:**	FALSE
Land Use:		**ERRCD:**	NO
Land Use Desc:		**Valid:**	FALSE
Site Priority:		**Cat Code:**	
Intrmdt Cndition:		**HCS Res:**	
Crrctve Act Pln Tp:		**Reliability:**	
RBCA:		**LUR Status:**	
RBCA Desc:		**LUR Status1:**	
Close Reqsd:		**Phase Required:**	
Supply Well:	0	**Book:**	
MTBE:	0	**Page:**	
Telephone:		**Email:**	
MTBE1:	U	**Latitude:**	
MTBE Desc:	Unknown	**Longitude:**	
CAP Desc:			
HCS Ref:			
RP:	FALSE		
RP Company:	Wilmington Hyundai		
Contact:	Mr. Cory Pool		
RP Address:	1800 Southwest College Rd		
RP City:	Ocala		
RP State:	FL		
RP Zipcode:	34474		
RP County:			
RP Email:			
Comment:			

soil contamination only detected beneath old building concrete slab foundation.

Map Viewer Details

CD No:	0	**Risk:**	
MGR:	NPM	**LUR Filed:**	
RO Code:	WIL	**LUR Resc:**	
Date Reported:	2/17/2005, 7:00 PM	**LUR State:**	
Comm:		**RRA Date:**	
Comm Desc:		**RRA Risk:**	
Reg:		**RRA Abate:**	
Regulated Cd Desc:		**RRA Rank:**	0
Con Frisk:	L	**X:**	-77.90428069053647
Land Use:		**Y:**	34.238737232595284
Comment:	soil contamination only detected beneath old building concrete slab foundation.		

AST Incidents Open Data Details

CD No:	0	**LUR Filed:**	
MGR:	NPM	**LUR Resc:**	
RO Code:	WIL	**LUR State:**	
Date Reported:	2005/02/18 00:00:00+00	**RRA Date:**	
Comm:		**RRA Risk:**	
Comm Desc:		**RRA Abate:**	
Reg:		**RRA Rank:**	0
Regulated Cd Desc:		**RRA Rank 2:**	
Con Frisk:	L	**X:**	2331181.93555268

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Land Use: **Y:** 179708.107207579
Risk:
Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-88159%2A%22%7D

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57 **1 of 2** **WSW** **0.47 / 2,482.27** **27.83 / 3** **DENNIS PROPERTY, PATSY**
2412 PRINCESS PLACE DRIVE
WILMINGTON NC 28403 **LUST**

Incdnt No (DWM Map):	32443	**Incident No:**	32443
Fac ID (DWM Map):		**Facility ID:**	
UST No (DWM Map):	WI-7319	**UST No:**	WI-7319
Curr Stat (DWM Map):	Archived	**Current Status:**	A
Close Out(DWMMap):	2008/05/09 00:00:00+00	**Status Title:**	Archived
Dt Occur (DWM Map):	2007/08/07 00:00:00+00	**Close Out:**	5/8/2008
Incident (DWM Map):	DENNIS PROPERTY, PATSY	**Date Occurred:**	8/6/2007
Address (DWM Map):	2412 PRINCESS PLACE DRIVE	**Contam Type:**	Groundwater/Both
County (DWM Map):	NEW H	**Cleanup:**	8/6/2007
City (DWM Map):	WILMINGTON	**County:**	NEW H
Zip Code (DWM Map):	28403	**Latitude:**	34.243333
Latitude (DWM Map):	34.243333	**Longitude:**	-77.916389
Long (DWM Map):	-77.916389		

Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx
Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (RRA); RUST Incident Management Database (STATUS)

Incident Details

Release Code:	2	**Samples Include:**	
Release Cause:		**7.5 Min Quad:**	
Release Source:		**5 Min Quad:**	
Type:	4	**Submitted Date:**	06-Aug-2007 00:00:00
Location:	7	**I Ownership:**	4
Site Priority:		**Owner Operator:**	
Priority Update:		**Ownership:**	4
Source Type:	P	**Ownership Desc:**	Private
ERR Type:		**Operation Type:**	3
Wells Affected Y/N:	n	**Operation Desc:**	Residential
Wells Affected:		**PIRF Min Soil:**	
Samples Taken By:	s		

Description of Incident: Soil contamination was discovered during tank removal at the subject site.

Incident Report

Report Type:	LSA1	**Approved Date:**	06-Feb-2008 00:00:00
Request Date:		**Implement Date:**	
Received Date:	25-Jan-2008 00:00:00	**Due Date:**	
Reviewed Date:	06-Feb-2008 00:00:00		
PRT ID:	1086995		
Report Type Description:	Limited Site Assmt Phase 1		
Comment:			

soil over resid for C fractions, but at depth. Gw very slightly contaminated.

Report Type:	OTH	**Approved Date:**	01-Apr-2008 00:00:00
Request Date:		**Implement Date:**	
Received Date:	31-Mar-2008 00:00:00	**Due Date:**	
Reviewed Date:	01-Apr-2008 00:00:00		
PRT ID:	1087491		
Report Type Description:	Other (Comments Required)		
Comment:			

well aband record **Note: Many records provided by the department have a truncated [Comment] field.

Report Type: OTH
Request Date:
Received Date: 25-Jan-2008 00:00:00
Reviewed Date: 06-Feb-2008 00:00:00
PRT ID: 1086993
Report Type Description: Other (Comments Required)
Comment:

Approved Date: 07-Feb-2008 00:00:00
Implement Date:
Due Date:

Initial Abatement Measures Report.

Report Type: OTH
Request Date:
Received Date: 26-Jun-2008 00:00:00
Reviewed Date: 08-Jan-2014 00:00:00
PRT ID: 1084147
Report Type Description: Other (Comments Required)
Comment:

Approved Date:
Implement Date:
Due Date:

Notice of Residual Petroleum recording put into rust 1/8/2014 vm **Note: Many records provided by the department have a truncated [Comment] field.

Report Type: 20DAY
Request Date:
Received Date: 05-Nov-2007 00:00:00
Reviewed Date: 19-Dec-2007 00:00:00
PRT ID: 1084270
Report Type Description: 20 Day Report
Comment:

Approved Date: 19-Dec-2007 00:00:00
Implement Date:
Due Date:

RRA

RRA Date: 06-Feb-2008 00:00:00
RRA Init: BAR
RRA Risk: L
RRA ID: 42875

RRA Rank: 0067
RRA Abate: D

Incident Status

Last Modified: 08-May-2008 00:00:00
Incident Phase: CO
Incid Phase Desc: Close Out
NOV Issued:
NORR Issued: 19-Dec-2007 00:00:00
45 Day Report:

Public Meeting Held:
Corrective Act Plan:
SOC Signed:
Reclassification Rep:
RS Designation:
Closure Req Date:

UST Incidents

RO Code: WIL
CD No: 430
Date Reported: 2007/08/07 00:00:00+00
Land Use: RES
LUR Filed:
LUR Resc:
LUR State:
X: 2327504.80537872
Y: 181337.97249198
Comm: N
Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7319%2A%22%7D
Object ID: 33313

Reg: N
Conf Risk: L
RRA Date: 2008/02/07 00:00:00+00
RRA Risk: L
RRA Rank Curr: 67
RRA Abate: D
Risk: U
RRA Rank: 0067
MGR: BAR

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

RUST Data

MGR:	BAR	***LUR Resc:***	
RO Code:	WIL	***LUR State:***	
Date Reported:	2007/08/07 00:00:00+00	***SL MGR:***	
Date Reported FY:	2007	***SL Cleanup Strt Dt:***	
Date Occured FY:	2007	***SL Cleanup End Dt:***	
Comm:	N	***SL Site Stat:***	
Reg:	N	***SL Ftfrecdte:***	
Perccomfndelig:	0	***CD NO:***	430
TOT Paid:	14888.57	***RRA Date:***	2008/02/07 00:00:00+00
Conf Risk:	L	***RRA Risk:***	L
Risk:	U	***RRA Rank Curr:***	67
Landuse:	RES	***RRA Abate:***	D
Inc Stat:	Closed	***RRA Rank:***	0067
Closeout FY:	2008	***X:***	2327504.80540356
LUR Filed:		***Y:***	181337.972492043

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7319%2A%22%7D

Comment: 60.08 tons soil removed. Can close incident with an alt. NRP for soil and gw. Pre-approval received on 2/22/08. MORE INFORMATION ON CD 573 **Note: Many records provided by the department have a truncated [Comment] field.

LUST Database

MGR:	BAR	***Contact:***	PATSY DENNIS
Regional Office Cd:	WIL	***Telephone:***	
Date Reported:	8/6/2007	***RP Address:***	1702 FORDHAM ROAD
Release Code:	0	***RP City:***	WILMINGTON
Release Code Desc:		***RP State:***	NC
Source:	3	***RP Zip Code:***	28403
Source Desc:	LEAK, UST	***RP County:***	
Site Priority:		***RP Email:***	
Pollutant Type:	4	***RP Email1:***	
Pollutant Desc:	HEATING OIL	***RP Owner:***	TRUE
Petroleum Type:	P	***RP Operator:***	TRUE
Petrol Type Desc:	PETROLEUM	***RP Land Owner:***	FALSE
COMM:	N	***Lur Status:***	
COMM Desc:	NON COMMERCIAL	***LUR Filed:***	
Regulated Code:	N	***LUR Resc:***	
Reg Code Desc:	NON REGULATED	***LUR State:***	
Notice Rg Rq Issd:		***GPS Conf:***	90
Notice Violtn Issd:		***RBCA GW:***	G2
Contamination:	GW	***RBCA GW Desc:***	Cleanups to alternate standards
Cleanup:	8/6/2007	***RBCA:***	S2
Conf Risk:	L	***RBCA Desc:***	Industrial/Commercial
Risk:	U	***CD No:***	430
Land Use:	RES	***Reel No:***	0
Land Use Desc:	Residential	***ERR CD:***	YES
Phase Reqrd:		***Valid:***	FALSE
Intrmdt Cndition:		***Cat Code:***	
Corr Act Plan Cd:		***HCS Res:***	
CAP Desc:		***Reliability:***	
Clos Reqsd:		***Supply Well:***	0
MTBE:	0	***New Source:***	
MTBE 1:	Y	***Book:***	
RP Company:		***Page:***	
HCS Ref:	RP Supplied		
Comment:			

60.08 tons soil removed. Can close incident with an alt. NRP for soil and gw. Pre-approval received on 2/22/08. MORE INFORMATION ON CD 573 **Note: Many records provided by the department have a truncated [Comment] field.

57	*2 of 2*	*WSW*	*0.47 / 2,482.27*	*27.83 / 3*	***Dennis Property, Patsy*** ***2412 Princess Place Drive***	***LUST TRUST***

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					Wilmington NC	

Incident No: 32443
Facility ID:
Site County: New Hanover
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Details

Archive Submit No: 4209.016
CD No: STF 43
UST No: WI-7319
Priority Rank:
Priority Rank Desc:
Site Eligible?: Yes
% Commercial Fund: 0.0
Reimbursement Form: No
3rd Party Deduct: $0.00
Sum 3rd Party Amts: $0.00
Deduct Determine: 0
Deductible Amount: $0.00
Deductible Reason1:
Deductible Reason2:
Inel App:
Site Note: Noncommercial; 100% eligible; $0 deductible.[CGS 3/11/08]

58	1 of 1	NE	0.47 / 2,498.41	25.05 / 0	NEW HANOVER CNTY ARPT WILMINGTON NC	FUDS

FUDS Property No: I04NC0101
EMS Map Link: https://fudsportal.usace.army.mil/ems/inventory/map?id=58079
FUDS INST ID: NC49799F483500
Status: Properties with all projects at site closeout
SDS ID:
NPL Status Code: Not Listed
Eligibility: Eligible
Site Eligib: Eligible
Current Owner: Local Government
Has Project: Yes
DOD FUDS Pro:
Project Required:
No Further Action:
Congressional District: 07
Media ID:
Metadata ID:
Feature Desc:
EPA Region: 04
County: NEW HANOVER
Latitude: 34.27111111
Longitude: -77.90444444
Fiscal year: 2020
USACE Division: sad
USACE District: sas
Shape Area: .00057538
Shape Len: .19518114
X:
Y:
Property History:

The DoD established a bomber command airfield during World War II. The site was transferred to New Hanover County in 1947 and used by the Air Force from the 1960s until 1977. The burn facility was constructed in the 1960s. This area is currently being cleaned up as a NPL Site.

59	1 of 3	WSW	0.48 / 2,524.08	27.24 / 2	ARMSTRONG PROPERTY (COURTNEY) 2405 WESTMINSTER WAY WILMINGTON NC 28403	LUST

Incdnt No (DWM 32289 **Incident No:** 32289

Map):

Fac ID (DWM Map):		***Facility ID:***	
UST No (DWM Map):	WI-7159	***UST No:***	WI-7159
Curr Stat (DWM Map):	Archived	***Current Status:***	A
Close Out(DWMMap):	2006/09/07 00:00:00+00	***Status Title:***	Archived
Dt Occur (DWM Map):	2005/11/23 00:00:00+00	***Close Out:***	9/6/2006
Incident (DWM Map):	ARMSTRONG PROPERTY (COURTNEY)	***Date Occurred:***	11/22/2005
Address (DWM Map):	2405 WESTMINSTER WAY	***Contam Type:***	Groundwater/Both
County (DWM Map):	NEW H	***Cleanup:***	11/22/2005
City (DWM Map):	WILMINGTON	***County:***	NEW H
Zip Code (DWM Map):	28403	***Latitude:***	34.245606
Latitude (DWM Map):	34.245606	***Longitude:***	-77.916921
Long (DWM Map):	-77.916921		

Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (STATUS)

Incident Details

Release Code:	2	***Samples Include:***	
Release Cause:		***7.5 Min Quad:***	
Release Source:		***5 Min Quad:***	
Type:	4	***Submitted Date:***	28-Nov-2005 00:00:00
Location:	7	***I Ownership:***	4
Site Priority:		***Owner Operator:***	
Priority Update:		***Ownership:***	4
Source Type:	P	***Ownership Desc:***	Private
ERR Type:		***Operation Type:***	3
Wells Affected Y/N:	N	***Operation Desc:***	Residential
Wells Affected:		***PIRF Min Soil:***	
Samples Taken By:	Y		

Description of Incident: Soil samples confirm release during closure/removal.

Incident Report

Report Type:	DR	***Approved Date:***	26-Sep-2006 00:00:00
Request Date:		***Implement Date:***	
Received Date:	22-Sep-2006 00:00:00	***Due Date:***	
Reviewed Date:	26-Sep-2006 00:00:00		
PRT ID:	1083137		
Report Type Description:	Deed Recordation		
Comment:			

BK:5082 // PG:1459-1464 **Note: Many records provided by the department have a truncated [Comment] field.

Report Type:	20DAY	***Approved Date:***	24-Jan-2006 00:00:00
Request Date:		***Implement Date:***	
Received Date:	10-Jan-2006 00:00:00	***Due Date:***	
Reviewed Date:	24-Jan-2006 00:00:00		
PRT ID:	1086873		
Report Type Description:	20 Day Report		
Comment:			

Soil samples above residential mscc under house foundation. Groundwater encountered, LSA required.

Report Type:	PN	***Approved Date:***	06-Nov-2006 00:00:00
Request Date:		***Implement Date:***	
Received Date:	01-Nov-2006 00:00:00	***Due Date:***	
Reviewed Date:	06-Nov-2006 00:00:00		
PRT ID:	1086731		
Report Type Description:	Public Notification		
Comment:			

Report Type: LSA1
Request Date:
Received Date: 31-May-2006 00:00:00
Reviewed Date: 15-Jun-2006 00:00:00
PRT ID: 1086749
Report Type Description: Limited Site Assmt Phase 1
Comment:

Approved Date: 15-Jun-2006 00:00:00
Implement Date:
Due Date:

Groundwater above 2L. No irrigation wells within 250 feet or drinking wells within 1000 feet.

Incident Status

Last Modified: 06-Sep-2006 00:00:00
Incident Phase: CO
Incid Phase Desc: Close Out
NOV Issued:
NORR Issued:
45 Day Report:

Public Meeting Held:
Corrective Act Plan:
SOC Signed:
Reclassification Rep:
RS Designation:
Closure Req Date:

UST Incidents

RO Code: WIL
CD No: 432
Date Reported: 2005/11/29 00:00:00+00
Land Use: RES
LUR Filed: 2006/09/23 00:00:00+00
LUR Resc:
LUR State: B
X: 2327334.99797556
Y: 182163.407848984
Comm: N
Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7159%2A%22%7D
Object ID: 33159

Reg: N
Conf Risk: L
RRA Date:
RRA Risk:
RRA Rank Curr: 0
RRA Abate:
Risk: L
RRA Rank:
MGR: JDP

RUST Data

MGR: JDP
RO Code: WIL
Date Reported: 2005/11/29 00:00:00+00
Date Reported FY: 2006
Date Occured FY: 2006
Comm: N
Reg: N
Perccomfndelig: 0
TOT Paid: 10918.95
Conf Risk: L
Risk: L
Landuse: RES
Inc Stat: Closed
Closeout FY: 2006
LUR Filed: 2006/09/23 00:00:00+00
Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7159%2A%22%7D
Comment: Heating oil tanks removed. Low risk. NRP sent 6-15-06. NFA sent 9-6-06. File pulled for archiving in 9/2011 by SAK.

LUR Resc:
LUR State: B
SL MGR:
SL Cleanup Strt Dt:
SL Cleanup End Dt:
SL Site Stat:
SL Ftfrecdte:
CD NO: 432
RRA Date:
RRA Risk:
RRA Rank Curr: 0
RRA Abate:
RRA Rank:
X: 2327334.99800046
Y: 182163.407999716

LUST Database

MGR: JDP
Regional Office Cd: WIL
Date Reported: 11/28/2005
Release Code: 0

Contact: COURTNEY ARMSTRONG
Telephone: 9102313221
RP Address: 2405 WESTMINSTER WAY
RP City: WILMINGTON

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Release Code Desc:		**RP State:**	NC
Source:	3	**RP Zip Code:**	28403
Source Desc:	LEAK, UST	**RP County:**	
Site Priority:		**RP Email:**	
Pollutant Type:	4	**RP Email1:**	
Pollutant Desc:	HEATING OIL	**RP Owner:**	FALSE
Petroleum Type:	P	**RP Operator:**	FALSE
Petrol Type Desc:	PETROLEUM	**RP Land Owner:**	TRUE
COMM:	N	**Lur Status:**	
COMM Desc:	NON COMMERCIAL	**LUR Filed:**	9/22/2006
Regulated Code:	N	**LUR Resc:**	
Reg Code Desc:	NON REGULATED	**LUR State:**	B
Notice Rg Rq Issd:		**GPS Conf:**	31
Notice Violtn Issd:		**RBCA GW:**	G2
Contamination:	GW	**RBCA GW Desc:**	Cleanups to alternate standards
Cleanup:	11/22/2005	**RBCA:**	S2
Conf Risk:	L	**RBCA Desc:**	Industrial/Commercial
Risk:	L	**CD No:**	432
Land Use:	RES	**Reel No:**	0
Land Use Desc:	Residential	**ERR CD:**	NO
Phase Reqrd:	1	**Valid:**	TRUE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:	0	**New Source:**	
MTBE 1:	N	**Book:**	
RP Company:		**Page:**	
HCS Ref:	RP Supplied		
Comment:			

Heating oil tanks removed. Low risk. NRP sent 6-15-06. NFA sent 9-6-06. File pulled for archiving in 9/2011 by SAK.

59	2 of 3	WSW	0.48 / 2,524.08	27.24 / 2	**Armstrong Property (cCourtney)** **2405 Westminster Way** **Wilmington NC**	**LUST TRUST**

Incident No:	32289
Facility ID:	
Site County:	New Hanover
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Details

Archive Submit No:		**3rd Party Deduct:**	$0.00
CD No:		**Sum 3rd Party Amts:**	$0.00
UST No:	WI-7159	**Deduct Determine:**	0
Priority Rank:		**Deductible Amount:**	$5,000.00
Priority Rank Desc:		**Deductible Reason1:**	
Site Eligible?:	Yes	**Deductible Reason2:**	
% Commercial Fund:	0.0	**Inel App:**	
Reimbursement Form:	No		
Site Note:	Noncommercial. 90% eligible. 5K deductible.		

59	3 of 3	WSW	0.48 / 2,524.08	27.24 / 2	**ARMSTRONG PROPERTY (COURTNEY)** **2405 WESTMINSTER WAY** **WILMINGTON NC**	**LUR**

Prj No:	WI-7159	**Certification:**	None
Prj Status:	No Further Action	**Deed Bk:**	
Contam Src:	UST System	**Deed Pg:**	
Instrument Status:	Effective	**Plat Bk:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Instrument:	Notice and Restriction	**Plat Pg:**	
Rec Date:	9/21/2006	**Plat Link 1:**	
Plat Rec Date:		**Deed Link 1:**	Recorded Document Link
Deed Date:	Recorded 9-21-2006	**Prj County:**	New Hanover
Plat Date:		**X:**	2327334.271927133
Restricted Media:	Multi-Media	**Y:**	182165.86355273426
Allowed Use:	Media Restrictions Only		
COC:	Multi COC		
DWM Program:	Underground Storage Tank Section		
Deed:			
Plat:			
DWM Contact:	Wilmington Regional Office (910) 796-7215		
Deed Link:	https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7159%2A%22%7D		
Plat Link URL:			
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
60	1 of 1	SSW	0.49 / 2,584.69	35.60 / 10	MARKET ST, 2802 2802 MARKET ST WILMINGTON NC	LUR

Prj No:	WI-7606	**Certification:**	None
Prj Status:	No Further Action	**Deed Bk:**	
Contam Src:	UST System	**Deed Pg:**	
Instrument Status:	Effective	**Plat Bk:**	
Instrument:	Notice and Restriction	**Plat Pg:**	
Rec Date:	12/6/2011	**Plat Link 1:**	
Plat Rec Date:		**Deed Link 1:**	Recorded Document Link
Deed Date:	Recorded 12-6-2011	**Prj County:**	New Hanover
Plat Date:		**X:**	2329301.715498805
Restricted Media:	Soil Only	**Y:**	179705.8894700557
Allowed Use:	Media Restrictions Only		
COC:	Multi COC		
DWM Program:	Underground Storage Tank Section		
Deed:			
Plat:			
DWM Contact:	Wilmington Regional Office (910) 796-7215		
Deed Link:	https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7606%2A%22%7D		
Plat Link URL:			
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
61	1 of 1	SSW	0.49 / 2,584.69	35.60 / 10	MARKET ST, 2802 2802 MARKET ST WILMINGTON NC 28403	LUST

Incdnt No (DWM Map):	32702	**Incident No:**	32702
Fac ID (DWM Map):		**Facility ID:**	
UST No (DWM Map):	WI-7606	**UST No:**	WI-7606
Curr Stat (DWM Map):	Archived	**Current Status:**	A
Close Out(DWMMap):	2011/12/13 00:00:00+00	**Status Title:**	Archived
Dt Occur (DWM Map):	2011/03/12 00:00:00+00	**Close Out:**	12/12/2011
Incident (DWM Map):	MARKET ST, 2802	**Date Occurred:**	3/11/2011
Address (DWM Map):	2802 MARKET ST	**Contam Type:**	Soil
County (DWM Map):	NEW H	**Cleanup:**	3/11/2011
City (DWM Map):	WILMINGTON	**County:**	NEW H
Zip Code (DWM Map):	28403	**Latitude:**	34.238788
Latitude (DWM Map):	34.238788	**Longitude:**	-77.910501
Long (DWM Map):	-77.910501		
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		
Data Source:	Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST		

Incident Management Database (RRA); RUST Incident Management Database (STATUS)

Incident Details

Release Code:	2	***Samples Include:***	
Release Cause:	3	***7.5 Min Quad:***	
Release Source:	A	***5 Min Quad:***	
Type:	4	***Submitted Date:***	11-Mar-2011 00:00:00
Location:	7	***I Ownership:***	4
Site Priority:		***Owner Operator:***	
Priority Update:		***Ownership:***	4
Source Type:	P	***Ownership Desc:***	Private
ERR Type:		***Operation Type:***	6
Wells Affected Y/N:	N	***Operation Desc:***	Commercial
Wells Affected:		***PIRF Min Soil:***	
Samples Taken By:	Y		

Description of Incident: former residence being used as an office

Incident Report

Report Type:	DR	***Approved Date:***	12-Dec-2011 00:00:00
Request Date:		***Implement Date:***	
Received Date:	07-Dec-2011 00:00:00	***Due Date:***	
Reviewed Date:	12-Dec-2011 00:00:00		
PRT ID:	1088034		
Report Type Description:	Deed Recordation		
Comment:			

BK:5599 // PG:1353-1358 **Note: Many records provided by the department have a truncated [Comment] field.

Report Type:	LSA1	***Approved Date:***	05-Oct-2011 00:00:00
Request Date:		***Implement Date:***	
Received Date:	26-Sep-2011 00:00:00	***Due Date:***	
Reviewed Date:	05-Oct-2011 00:00:00		
PRT ID:	1084499		
Report Type Description:	Limited Site Assmt Phase 1		
Comment:			

rqst soil NRP **Note: Many records provided by the department have a truncated [Comment] field.

Report Type:	20DAY	***Approved Date:***	04-May-2011 00:00:00
Request Date:		***Implement Date:***	
Received Date:	29-Apr-2011 00:00:00	***Due Date:***	
Reviewed Date:	04-May-2011 00:00:00		
PRT ID:	1083563		
Report Type Description:	20 Day Report		
Comment:			

Report Type:	IAA	***Approved Date:***	04-May-2011 00:00:00
Request Date:		***Implement Date:***	
Received Date:	29-Apr-2011 00:00:00	***Due Date:***	
Reviewed Date:	04-May-2011 00:00:00		
PRT ID:	1083564		
Report Type Description:			
Comment:			

rqst LSA **Note: Many records provided by the department have a truncated [Comment] field.

Report Type:	PN	***Approved Date:***	22-Feb-2012 00:00:00
Request Date:		***Implement Date:***	
Received Date:	27-Jan-2012 00:00:00	***Due Date:***	
Reviewed Date:	22-Feb-2012 00:00:00		
PRT ID:	1088101		

Report Type Description: Public Notification
Comment:

RRA

RRA Date: 05-Oct-2011 00:00:00
RRA Rank: 0075
RRA Init: mec
RRA Abate: D
RRA Risk: L
RRA ID: 43152

Incident Status

Last Modified: 12-Dec-2011 00:00:00
Public Meeting Held:
Incident Phase: CO
Corrective Act Plan:
Incid Phase Desc: Close Out
SOC Signed:
NOV Issued:
Reclassification Rep:
NORR Issued:
RS Designation:
45 Day Report:
Closure Req Date:

UST Incidents

RO Code: WIL
Reg: N
CD No: 493
Conf Risk: L
Date Reported: 2011/03/12 00:00:00+00
RRA Date: 2011/10/06 00:00:00+00
Land Use:
RRA Risk: L
LUR Filed: 2011/12/08 00:00:00+00
RRA Rank Curr: 75
LUR Resc:
RRA Abate: D
LUR State: S
Risk: L
X: 2329302.44121914
RRA Rank: 0075
Y: 179703.434422478
MGR: MEC
Comm: N
Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7606%2A%22%7D
Object ID: 33564

RUST Data

MGR: MEC
LUR Resc:
RO Code: WIL
LUR State: S
Date Reported: 2011/03/12 00:00:00+00
SL MGR:
Date Reported FY: 2011
SL Cleanup Strt Dt:
Date Occured FY: 2011
SL Cleanup End Dt:
Comm: N
SL Site Stat:
Reg: N
SL Ftfrecdte:
Perccomfndelig: 0
CD NO: 493
TOT Paid: 19189.08
RRA Date: 2011/10/06 00:00:00+00
Conf Risk: L
RRA Risk: L
Risk: L
RRA Rank Curr: 75
Landuse:
RRA Abate: D
Inc Stat: Closed
RRA Rank: 0075
Closeout FY: 2012
X: 2329302.4411712
LUR Filed: 2011/12/08 00:00:00+00
Y: 179703.434333199
Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7606%2A%22%7D
Comment: Pulled for archiving WER 1.6.2014 **Note: Many records provided by the department have a truncated [Comment] field.

LUST Database

MGR: MEC
Contact: HELEN STEVENS, MEMBER MANAGER
Regional Office Cd: WIL
Telephone: 9102009221
Date Reported: 3/11/2011
RP Address: 5630 OAKBLUFF LANE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Release Code:	0	**RP City:**	WILMINGTON
Release Code Desc:		**RP State:**	NC
Source:	3	**RP Zip Code:**	28409
Source Desc:	LEAK, UST	**RP County:**	
Site Priority:		**RP Email:**	
Pollutant Type:	4	**RP Email1:**	
Pollutant Desc:	HEATING OIL	**RP Owner:**	TRUE
Petroleum Type:	P	**RP Operator:**	FALSE
Petrol Type Desc:	PETROLEUM	**RP Land Owner:**	TRUE
COMM:	N	**Lur Status:**	
COMM Desc:	NON COMMERCIAL	**LUR Filed:**	12/7/2011
Regulated Code:	N	**LUR Resc:**	
Reg Code Desc:	NON REGULATED	**LUR State:**	S
Notice Rg Rq Issd:		**GPS Conf:**	99
Notice Violtn Issd:		**RBCA GW:**	
Contamination:	SL	**RBCA GW Desc:**	
Cleanup:	3/11/2011	**RBCA:**	
Conf Risk:	L	**RBCA Desc:**	
Risk:	L	**CD No:**	493
Land Use:		**Reel No:**	0
Land Use Desc:		**ERR CD:**	NO
Phase Reqrd:		**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:	0	**New Source:**	
MTBE 1:	U	**Book:**	
RP Company:	DWS PROPERTIES LLC	**Page:**	
HCS Ref:			
Comment:			

Pulled for archiving WER 1.6.2014 **Note: Many records provided by the department have a truncated [Comment] field.

62	1 of 1	SE	0.49 / 2,610.70	38.43 / 13	**CAMPBELL, DORIS** **3805 MARKET ST. (WAS3803-3804)** **WILMINGTON NC 284031401**	LUST

Incdnt No (DWM Map):	43025	**Incident No:**	43025
Fac ID (DWM Map):		**Facility ID:**	
UST No (DWM Map):	WI-34	**UST No:**	WI-34
Curr Stat (DWM Map):	Current Record	**Current Status:**	C
Close Out(DWMMap):	2019/02/20 00:00:00+00	**Status Title:**	Current Record
Dt Occur (DWM Map):	1993/10/14 00:00:00+00	**Close Out:**	2/19/2019
Incident (DWM Map):	CAMPBELL, DORIS	**Date Occurred:**	10/13/1993
Address (DWM Map):	3805 MARKET ST. (WAS3803-3804)	**Contam Type:**	Soil
County (DWM Map):	NEW H	**Cleanup:**	10/13/1993
City (DWM Map):	WILMINGTON	**County:**	NEW H
Zip Code (DWM Map):	284031401	**Latitude:**	34.24122
Latitude (DWM Map):	34.24122	**Longitude:**	-77.899422
Long (DWM Map):	-77.899422		

Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (STATUS)

Incident Details

Release Code:	2	**Samples Include:**	
Release Cause:	7	**7.5 Min Quad:**	
Release Source:	G	**5 Min Quad:**	
Type:	3	**Submitted Date:**	
Location:	1	**I Ownership:**	4

Site Priority:		**Owner Operator:**	
Priority Update:		**Ownership:**	4
Source Type:	P	**Ownership Desc:**	Private
ERR Type:		**Operation Type:**	6
Wells Affected Y/N:	N	**Operation Desc:**	Commercial
Wells Affected:		**PIRF Min Soil:**	
Samples Taken By:	Y		

Description of Incident: Contaminated soil was encountered during tank removal. Some of the soil was landfarmed on site under a Certificate of Approval.

Incident Report

Report Type:	CLO	**Approved Date:**	
Request Date:		**Implement Date:**	
Received Date:	13-Oct-1993 00:00:00	**Due Date:**	
Reviewed Date:			
PRT ID:	1091543		
Report Type Description:	Closure Report		
Comment:			

attached to a Certificate of Approval to landfarm 50 cubic yards or less of soil containing petroleum products.

Report Type:	OTH	**Approved Date:**	14-Sep-1993 00:00:00
Request Date:		**Implement Date:**	
Received Date:	13-Sep-1993 00:00:00	**Due Date:**	
Reviewed Date:	14-Sep-1993 00:00:00		
PRT ID:	1091546		
Report Type Description:	Other (Comments Required)		
Comment:			

Notice of Intent **Note: Many records provided by the department have a truncated [Comment] field.

Incident Status

Last Modified:	19-Feb-2019 00:00:00	**Public Meeting Held:**	
Incident Phase:	CO	**Corrective Act Plan:**	
Incid Phase Desc:	Close Out	**SOC Signed:**	
NOV Issued:		**Reclassification Rep:**	
NORR Issued:		**RS Designation:**	
45 Day Report:		**Closure Req Date:**	

UST Incidents

RO Code:	WIL	**Reg:**	R
CD No:	0	**Conf Risk:**	L
Date Reported:	1993/10/14 00:00:00+00	**RRA Date:**	
Land Use:	IND	**RRA Risk:**	
LUR Filed:		**RRA Rank Curr:**	0
LUR Resc:		**RRA Abate:**	
LUR State:	G	**Risk:**	U
X:	2332641.12548664	**RRA Rank:**	
Y:	180625.425032556	**MGR:**	STF
Comm:	C		

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-34%2A%22%7D

Object ID: 40526

RUST Data

MGR:	STF	**LUR Resc:**	
RO Code:	WIL	**LUR State:**	G
Date Reported:	1993/10/14 00:00:00+00	**SL MGR:**	HO
Date Reported FY:	1994	**SL Cleanup Strt Dt:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Date Occured FY:	1994	**SL Cleanup End Dt:**	
Comm:	C	**SL Site Stat:**	Closed
Reg:	R	**SL Ftfrecdte:**	2015/05/26 00:00:00+00
Perccomfndelig:		**CD NO:**	0
TOT Paid:		**RRA Date:**	
Conf Risk:	L	**RRA Risk:**	
Risk:	U	**RRA Rank Curr:**	0
Landuse:	IND	**RRA Abate:**	
Inc Stat:	Closed	**RRA Rank:**	
Closeout FY:	2019	**X:**	2332641.12549133
LUR Filed:		**Y:**	180625.425022003

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-34%2A%22%7D

Comment: soil sample results indicated 48, 63, and 50 ppm as TPH-gasoline per EPA Method 5030. The three 1.000 gallon UST's were right beside Market Street. Doris Campbell and her sister inherited this property. They paid to have the 3- 1,000 gallon USTs remov **Note: Many records provided by the department have a truncated [Comment] field.

LUST Database

MGR:	STF	**Contact:**	DORIS CAMPBELL
Regional Office Cd:	WIL	**Telephone:**	
Date Reported:	10/13/1993	**RP Address:**	3660 WILLDCAT RUN
Release Code:	0	**RP City:**	LAKELAND
Release Code Desc:		**RP State:**	FL
Source:	3	**RP Zip Code:**	33809
Source Desc:	LEAK, UST	**RP County:**	
Site Priority:		**RP Email:**	
Pollutant Type:	3	**RP Email1:**	
Pollutant Desc:	GASOLINE/DIESEL/KEROSENE	**RP Owner:**	FALSE
Petroleum Type:	P	**RP Operator:**	FALSE
Petrol Type Desc:	PETROLEUM	**RP Land Owner:**	TRUE
COMM:	C	**Lur Status:**	
COMM Desc:	COMMERCIAL	**LUR Filed:**	
Regulated Code:	R	**LUR Resc:**	
Reg Code Desc:	REGULATED	**LUR State:**	G
Notice Rg Rq Issd:		**GPS Conf:**	31
Notice Violtn Issd:		**RBCA GW:**	G2
Contamination:	SL	**RBCA GW Desc:**	Cleanups to alternate standards
Cleanup:	10/13/1993	**RBCA:**	S1
Conf Risk:	L	**RBCA Desc:**	Residential
Risk:	U	**CD No:**	0
Land Use:	IND	**Reel No:**	0
Land Use Desc:	Industrial	**ERR CD:**	
Phase Reqrd:		**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:		**New Source:**	
MTBE 1:	U	**Book:**	
RP Company:		**Page:**	
HCS Ref:	Google Earth		
Comment:			

soil sample results indicated 48, 63, and 50 ppm as TPH-gasoline per EPA Method 5030. The three 1.000 gallon UST's were right beside Market Street. Doris Campbell and her sister inherited this property. They paid to have the 3- 1,000 gallon USTs removed in 1993. Property has changed hands since. The Army Corps of Engineers leased the property and operated the tanks from about 1972-1976. It was a 76 station prior to this. Road expansion since 1993? State-Lead submittal on 5.4.2016. State-Lead has accepted. Hassan is the pm. Their contractor is performing a receptor survey.

63	***1 of 1***	***SE***	***0.50 / 2,615.26***	***38.04 / 13***	***THE FURNITURE OUTLET 3722 & 3702 MARKET STREET WILMINGTON NC 28405***	***LUST***

Incdnt No (DWM Map):	9080	**Incident No:**	9080
Fac ID (DWM Map):	00-0-0000001460	**Facility ID:**	00-0-0000001460

UST No (DWM Map):	WI-1008	**UST No:**	WI-1008
Curr Stat (DWM Map):	Archived	**Current Status:**	A
Close Out(DWMMap):	2015/07/10 00:00:00+00	**Status Title:**	Archived
Dt Occur (DWM Map):	1991/01/11 00:00:00+00	**Close Out:**	7/9/2015
Incident (DWM Map):	THE FURNITURE OUTLET	**Date Occurred:**	1/10/1991
Address (DWM Map):	3722 & 3702 MARKET STREET	**Contam Type:**	Groundwater/Both
County (DWM Map):	NEW H	**Cleanup:**	1/10/1991
City (DWM Map):	WILMINGTON	**County:**	NEW H
Zip Code (DWM Map):	28405	**Latitude:**	34.240663
Latitude (DWM Map):	34.240663	**Longitude:**	-77.899916
Long (DWM Map):	-77.899916		
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		
Data Source:	Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (STATUS)		

Incident Details

Release Code:		**Samples Include:**	1
Release Cause:		**7.5 Min Quad:**	
Release Source:		**5 Min Quad:**	DD30D
Type:	3	**Submitted Date:**	17-Sep-1992 00:00:00
Location:	1	**I Ownership:**	4
Site Priority:	100E	**Owner Operator:**	MULTIPLE SOURCES
Priority Update:		**Ownership:**	4
Source Type:		**Ownership Desc:**	Private
ERR Type:		**Operation Type:**	6
Wells Affected Y/N:	N	**Operation Desc:**	Commercial
Wells Affected:	0.0	**PIRF Min Soil:**	Pirf
Samples Taken By:	4		
Description of Incident:	AN ENVIR. AUDIT SHOWED SOIL AND GW TO BE CONTAMINATED WITH PETROLEUM.		

Incident Report

Report Type:	CLO	**Approved Date:**	
Request Date:		**Implement Date:**	
Received Date:	20-Jan-2000 00:00:00	**Due Date:**	
Reviewed Date:			
PRT ID:	1083386		
Report Type Description:	Closure Report		
Comment:			

report was reviewed and approved. Excavated soil still behind the buidling?

Report Type:	OTH	**Approved Date:**	
Request Date:		**Implement Date:**	
Received Date:	03-Dec-2007 00:00:00	**Due Date:**	
Reviewed Date:	03-Dec-2007 00:00:00		
PRT ID:	1084238		
Report Type Description:	Other (Comments Required)		
Comment:			

invoice showing contaminated soil removed from site **Note: Many records provided by the department have a truncated [Comment] field.

Incident Status

Last Modified:	09-Jul-2015 00:00:00	**Public Meeting Held:**	
Incident Phase:	CO	**Corrective Act Plan:**	
Incid Phase Desc:	Close Out	**SOC Signed:**	
NOV Issued:		**Reclassification Rep:**	
NORR Issued:		**RS Designation:**	
45 Day Report:		**Closure Req Date:**	

UST Incidents

RO Code:	WIL	***Reg:***	R
CD No:	611	***Conf Risk:***	L
Date Reported:	1992/06/26 00:00:00+00	***RRA Date:***	
Land Use:	IND	***RRA Risk:***	
LUR Filed:	2015/07/03 00:00:00+00	***RRA Rank Curr:***	0
LUR Resc:		***RRA Abate:***	
LUR State:	B	***Risk:***	L
X:	2332494.07066263	***RRA Rank:***	
Y:	180421.066845477	***MGR:***	BAR
Comm:	C		
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-1008%2A%22%7D		
Object ID:	14220		

RUST Data

MGR:	BAR	***LUR Resc:***	
RO Code:	WIL	***LUR State:***	B
Date Reported:	1992/06/26 00:00:00+00	***SL MGR:***	RP
Date Reported FY:	1992	***SL Cleanup Strt Dt:***	
Date Occured FY:	1991	***SL Cleanup End Dt:***	1995/06/05 00:00:00+00
Comm:	C	***SL Site Stat:***	De-listed
Reg:	R	***SL Ftfrecdte:***	1994/03/02 00:00:00+00
Perccomfndelig:		***CD NO:***	611
TOT Paid:		***RRA Date:***	
Conf Risk:	L	***RRA Risk:***	
Risk:	L	***RRA Rank Curr:***	0
Landuse:	IND	***RRA Abate:***	
Inc Stat:	Closed	***RRA Rank:***	
Closeout FY:	2015	***X:***	2332494.07070137
LUR Filed:	2015/07/03 00:00:00+00	***Y:***	180421.066901396
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-1008%2A%22%7D		
Comment:	SEE TONY'S FOREIGN CAR SERVICE FILE, OTHER RP'S MAY EXIST, WAS FTF SITE. Notes in file dated 11/22/2006 explain what is needed for incident closure, which includes soil and gw sample, and possible NRP. This was explained to the current property owner at **Note: Many records provided by the department have a truncated [Comment] field.		

LUST Database

MGR:	BAR	***Contact:***	MR. SAM FARGNOLI
Regional Office Cd:	WIL	***Telephone:***	9107631009
Date Reported:	6/25/1992	***RP Address:***	3722 MARKET STREET
Release Code:	0	***RP City:***	WILMINGTON
Release Code Desc:		***RP State:***	NC
Source:	3	***RP Zip Code:***	28405
Source Desc:	LEAK, UST	***RP County:***	
Site Priority:	30/E	***RP Email:***	
Pollutant Type:	3	***RP Email1:***	
Pollutant Desc:	GASOLINE/DIESEL/KEROSENE	***RP Owner:***	FALSE
Petroleum Type:	P	***RP Operator:***	FALSE
Petrol Type Desc:	PETROLEUM	***RP Land Owner:***	TRUE
COMM:	C	***Lur Status:***	
COMM Desc:	COMMERCIAL	***LUR Filed:***	7/2/2015
Regulated Code:	R	***LUR Resc:***	
Reg Code Desc:	REGULATED	***LUR State:***	B
Notice Rg Rq Issd:		***GPS Conf:***	31
Notice Violtn Issd:		***RBCA GW:***	G2
Contamination:	GW	***RBCA GW Desc:***	Cleanups to alternate standards
Cleanup:	1/10/1991	***RBCA:***	S2
Conf Risk:	L	***RBCA Desc:***	Industrial/Commercial
Risk:	L	***CD No:***	611
Land Use:	IND	***Reel No:***	0
Land Use Desc:	Industrial	***ERR CD:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Phase Reqrd:		**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:	0	**New Source:**	
MTBE 1:	Y	**Book:**	
RP Company:	THE FURNITURE OUTLET	**Page:**	
HCS Ref:	google earth		
Comment:			

SEE TONY'S FOREIGN CAR SERVICE FILE, OTHER RP'S MAY EXIST, WAS FTF SITE. Notes in file dated 11/22/2006 explain what is needed for incident closure, which includes soil and gw sample, and possible NRP. This was explained to the current property owner at that time. NRP recorded on July 2, 2015---NFA. /// pulled for archive 2.29.2016 /// **Note: Many records provided by the department have a truncated [Comment] field.

64	1 of 1	SE	0.50 / 2,615.26	38.04 / 13	THE FURNITURE OUTLET 3722 & 3702 MARKET STREET WILMINGTON NC	LUR

Prj No:	WI-1008	**Certification:**	None
Prj Status:	No Further Action	**Deed Bk:**	
Contam Src:	UST System	**Deed Pg:**	
Instrument Status:	Effective	**Plat Bk:**	
Instrument:	Notice and Restriction	**Plat Pg:**	
Rec Date:	7/1/2015	**Plat Link 1:**	
Plat Rec Date:		**Deed Link 1:**	Recorded Document Link
Deed Date:	Recorded 7-1-2015	**Prj County:**	New Hanover
Plat Date:		**X:**	2332493.345926553
Restricted Media:	Multi-Media	**Y:**	180423.522221148
Allowed Use:	Media Restrictions Only		
COC:	Multi COC		
DWM Program:	Underground Storage Tank Section		
Deed:			
Plat:			
DWM Contact:	Wilmington Regional Office (910) 796-7215		
Deed Link:	https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-1008%2A%22%7D		
Plat Link URL:			
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		

65	1 of 3	SSW	0.50 / 2,633.50	34.77 / 9	BRILLHART PROPERTY 2704 MARKET STREET WILMINGTON NC 28403	LUST

Incdnt No (DWM Map):	32130	**Incident No:**	32130
Fac ID (DWM Map):		**Facility ID:**	
UST No (DWM Map):	WI-2393	**UST No:**	WI-2393
Curr Stat (DWM Map):	Archived	**Current Status:**	A
Close Out(DWMMap):	2004/12/22 00:00:00+00	**Status Title:**	Archived
Dt Occur (DWM Map):	2004/03/23 00:00:00+00	**Close Out:**	12/21/2004
Incident (DWM Map):	BRILLHART PROPERTY	**Date Occurred:**	3/22/2004
Address (DWM Map):	2704 MARKET STREET	**Contam Type:**	Groundwater/Both
County (DWM Map):	NEW H	**Cleanup:**	1/22/2004
City (DWM Map):	WILMINGTON	**County:**	NEW H
Zip Code (DWM Map):	28403	**Latitude:**	34.238801
Latitude (DWM Map):	34.238801	**Longitude:**	-77.911702
Long (DWM Map):	-77.911702		
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		
Data Source:	Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (STATUS)		

Incident Details

Release Code:	2	***Samples Include:***	
Release Cause:		***7.5 Min Quad:***	
Release Source:	C	***5 Min Quad:***	
Type:	4	***Submitted Date:***	22-Mar-2004 00:00:00
Location:	7	***I Ownership:***	4
Site Priority:		***Owner Operator:***	
Priority Update:		***Ownership:***	4
Source Type:	C	***Ownership Desc:***	Private
ERR Type:		***Operation Type:***	3
Wells Affected Y/N:		***Operation Desc:***	Residential
Wells Affected:		***PIRF Min Soil:***	
Samples Taken By:	y		

Description of Incident: Contaminated soil encountered during heating oil tank removal. Soil confirmation by TPH analysis: 1800 ppm

Incident Report

Report Type:	DR	***Approved Date:***	09-Dec-2004 00:00:00
Request Date:		***Implement Date:***	
Received Date:	09-Dec-2004 00:00:00	***Due Date:***	
Reviewed Date:	09-Dec-2004 00:00:00		
PRT ID:	1086495		
Report Type Description:	Deed Recordation		
Comment:			

NFA sent 12-21-2004. BK:4589 // PG:989-994 **Note: Many records provided by the department have a truncated [Comment] field.

Report Type:	PN	***Approved Date:***	14-Feb-2005 00:00:00
Request Date:		***Implement Date:***	
Received Date:	10-Feb-2005 00:00:00	***Due Date:***	21-Jan-2005 00:00:00
Reviewed Date:			
PRT ID:	1086496		
Report Type Description:	Public Notification		
Comment:			

Report Type:	20DAY	***Approved Date:***	04-May-2004 00:00:00
Request Date:		***Implement Date:***	
Received Date:	28-Apr-2004 00:00:00	***Due Date:***	
Reviewed Date:	04-May-2004 00:00:00		
PRT ID:	1086306		
Report Type Description:	20 Day Report		
Comment:			

31.77 ton of contaminated soil removed during heating oil tank removal. Center sample @ 13' bls was above the residential mscc for C19-36 Aliphatics and C9-22 Aromatics.

Report Type:	LSA1	***Approved Date:***	28-Jun-2004 00:00:00
Request Date:		***Implement Date:***	
Received Date:	22-Jun-2004 00:00:00	***Due Date:***	
Reviewed Date:	28-Jun-2004 00:00:00		
PRT ID:	1085738		
Report Type Description:	Limited Site Assmt Phase 1		
Comment:			

Soil above Residential mscc. Groundwater above 2L. NRP **Note: Many records provided by the department have a truncated [Comment] field.

Incident Status

Last Modified:	21-Dec-2004 00:00:00	***Public Meeting Held:***	
Incident Phase:	CO	***Corrective Act Plan:***	
Incid Phase Desc:	Close Out	***SOC Signed:***	
NOV Issued:		***Reclassification Rep:***	

NORR Issued: | **RS Designation:**
45 Day Report: | **Closure Req Date:**

UST Incidents

RO Code:	WIL	**Reg:**	N
CD No:	272	**Conf Risk:**	L
Date Reported:	2004/03/23 00:00:00+00	**RRA Date:**	
Land Use:	RES	**RRA Risk:**	
LUR Filed:	2004/12/03 00:00:00+00	**RRA Rank Curr:**	0
LUR Resc:		**RRA Abate:**	
LUR State:	B	**Risk:**	L
X:	2328939.40093473	**RRA Rank:**	
Y:	179704.183436722	**MGR:**	JDP
Comm:	N		

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-2393%2A%22%7D
Object ID: 33001

RUST Data

MGR:	JDP	**LUR Resc:**	
RO Code:	WIL	**LUR State:**	B
Date Reported:	2004/03/23 00:00:00+00	**SL MGR:**	
Date Reported FY:	2004	**SL Cleanup Strt Dt:**	
Date Occured FY:	2004	**SL Cleanup End Dt:**	
Comm:	N	**SL Site Stat:**	
Reg:	N	**SL Ftfrecdte:**	
Perccomfndelig:	0	**CD NO:**	272
TOT Paid:	19713.81	**RRA Date:**	
Conf Risk:	L	**RRA Risk:**	
Risk:	L	**RRA Rank Curr:**	0
Landuse:	RES	**RRA Abate:**	
Inc Stat:	Closed	**RRA Rank:**	
Closeout FY:	2005	**X:**	2328939.40097875
LUR Filed:	2004/12/03 00:00:00+00	**Y:**	179704.183506316

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-2393%2A%22%7D
Comment: NRP soil & gw restrictions. Soils are not technologically or economically feasible for removal. NRP NFA sent 12-21-2004.

LUST Database

MGR:	JDP	**Contact:**	DAVID BRILLHART
Regional Office Cd:	WIL	**Telephone:**	9107847340
Date Reported:	3/22/2004	**RP Address:**	2704 MARKET STREET
Release Code:	0	**RP City:**	WILMINGTON
Release Code Desc:		**RP State:**	NC
Source:	3	**RP Zip Code:**	28403
Source Desc:	LEAK, UST	**RP County:**	
Site Priority:		**RP Email:**	
Pollutant Type:	4	**RP Email1:**	
Pollutant Desc:	HEATING OIL	**RP Owner:**	TRUE
Petroleum Type:	P	**RP Operator:**	TRUE
Petrol Type Desc:	PETROLEUM	**RP Land Owner:**	TRUE
COMM:	N	**Lur Status:**	
COMM Desc:	NON COMMERCIAL	**LUR Filed:**	12/2/2004
Regulated Code:	N	**LUR Resc:**	
Reg Code Desc:	NON REGULATED	**LUR State:**	B
Notice Rg Rq Issd:		**GPS Conf:**	99
Notice Violtn Issd:		**RBCA GW:**	G2
Contamination:	GW	**RBCA GW Desc:**	Cleanups to alternate standards
Cleanup:	1/22/2004	**RBCA:**	S2
Conf Risk:	L	**RBCA Desc:**	Industrial/Commercial
Risk:	L	**CD No:**	272
Land Use:	RES	**Reel No:**	0

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Land Use Desc:	Residential	**ERR CD:**	
Phase Reqrd:	1	**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:	0	**New Source:**	
MTBE 1:	N	**Book:**	
RP Company:		**Page:**	
HCS Ref:			
Comment:			

NRP soil & gw restrictions. Soils are not technologically or economically feasible for removal. NRP NFA sent 12-21-2004.

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65 | **2 of 3** | **SSW** | **0.50 / 2,633.50** | **34.77 / 9** | **Brillhart Property**
2704 Market St
Wilmington NC | **LUST TRUST**

Incident No:	32130
Facility ID:	
Site County:	New Hanover
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Details

Archive Submit No:	4209.0045	**3rd Party Deduct:**	$100,000.00
CD No:	STF 12	**Sum 3rd Party Amts:**	$0.00
UST No:	WI-2393	**Deduct Determine:**	0
Priority Rank:		**Deductible Amount:**	$0.00
Priority Rank Desc:		**Deductible Reason1:**	
Site Eligible?:	Yes	**Deductible Reason2:**	
% Commercial Fund:	0.0	**Inel App:**	
Reimbursement Form:	No		
Site Note:			

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65 | **3 of 3** | **SSW** | **0.50 / 2,633.50** | **34.77 / 9** | **BRILLHART PROPERTY**
2704 MARKET STREET
WILMINGTON NC | **LUR**

Prj No:	WI-2393	**Certification:**	None
Prj Status:	No Further Action	**Deed Bk:**	
Contam Src:	UST System	**Deed Pg:**	
Instrument Status:	Effective	**Plat Bk:**	
Instrument:	Notice and Restriction	**Plat Pg:**	
Rec Date:	12/1/2004	**Plat Link 1:**	
Plat Rec Date:		**Deed Link 1:**	Recorded Document Link
Deed Date:	Recorded 12-1-2004	**Prj County:**	New Hanover
Plat Date:		**X:**	2328938.67521438
Restricted Media:	Multi-Media	**Y:**	179706.63848431408
Allowed Use:	Media Restrictions Only		
COC:	Multi COC		
DWM Program:	Underground Storage Tank Section		
Deed:			
Plat:			
DWM Contact:	Wilmington Regional Office (910) 796-7215		
Deed Link:	https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-2393%2A%22%7D		
Plat Link URL:			
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
66	1 of 1	WNW	0.71 / 3,750.67	23.48 / -2	CONTAINER PRODS CORP NC	HSDS

Superfund ID: 980 557 813
Haz Subst. Disposal Sites1298: 866
Haz Subst. Disp Sites1298 ID: 859
SIS:
NONCD:
SSF:
State or Federal Code: 1
Total Area in Coverage Units: 725.79309082
Total Perim in Coverage Units: 95.63092804
X Coordinate in Feet: 2326134.5
Y Coordinate in Feet: 184785.65625
Long: 77 55 14.947866
Lat: 34 15 10.276767
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
67	1 of 1	WNW	0.72 / 3,802.39	23.67 / -2	CONTAINER PRODUCTS CORP. 1223 N. 23RD STREET WILMINGTON NC	SHWS

EPA ID: NCD980557813
County (NCDENR): NEW HANOVER
Latitude (NCDENR): 34.25311
Longitude (NCDENR): -77.92025
County (Fed Rmdtn):
Zip (Fed Rmdtn):
Lat (Fed Rmdtn):
Long (Fed Rmdtn):
County (IH Waste):
Lat (IH Waste):
Long(IH Waste):
Site Name (NCDENR): CONTAINER PRODUCTS CORP.
Address (NCDENR): 1223 N. 23RD STREET
City (NCDENR): WILMINGTON
Site Name (Fed Rmdtn):
Addr (Fed Rmdtn):
City (Fed Rmdtn):
Site Name (InactvHazWste):
Addr (InactvHzWste):
City (InactvHzWste):
Original Source(s): North Carolina Department of Environment and Natural Resources (NCDENR)
Note: Documents related to facilities in NC can be searched on the NC DEQ Laser Fiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

NCDEQ - Location Detail

Source: AcmeMapper
Geolocation Code Desc: On Screen Placement On Georeferenced Map

NCDEQ - Site Categories Detail

SPL Score:
Category: NFA
Partial AA: FALSE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
68	1 of 1	WNW	0.75 / 3,985.30	22.38 / -3	CARO-KNIT NC	HSDS

Superfund ID: 986 171 965
Haz Subst. Disposal Sites1298: 863
Haz Subst. Disp Sites1298 ID: 856
SIS:
NONCD:
SSF:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

State or Federal Code:	1
Total Area in Coverage Units:	9924.11816406
Total Perim in Coverage Units:	402.3793335
X Coordinate in Feet:	2326087.5
Y Coordinate in Feet:	185764
Long:	77 55 15.381033
Lat:	34 15 19.958581
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

69	1 of 1	NW	0.77 / 4,067.45	21.41 / -4	UNITED PARCEL SERVICE 1620 NORTH 23RD STREET WILMINGTON NC	DELISTED SHWS

Delisted Inactive Hazardous Sites and Federal Remediation Branch Sites

EPA ID:	NONCD0002650	**SPL Score:**	
Source:		**SPL:**	FALSE
Resolution:		**Site County:**	New Hanover
Vol Clean Up:	FALSE	**Latitude (old):**	34.255833
Eval Pend:	TRUE	**Longitude (old):**	-77.919444
No Frthr Action:	FALSE	**Latitude:**	34.255833
NFA Restr Use:	FALSE	**Longitude:**	-77.919444
DWQ LEAD:	FALSE	**Loc Code:**	11
Sol Wst Lead:	FALSE	**Duplicate:**	FALSE
Non NPL EPA Lead:	FALSE	**LUR Annl Cert Mo:**	No
NPL:	FALSE	**LUR Annl Cert Day:**	No
Non TSD RCRA Ld:	FALSE	**UST Lead:**	FALSE
TSD:	FALSE	**DSCA Lead:**	FALSE
RADPRTLead:	FALSE	**Pre RegId Fl:**	FALSE
Geolocation Code:	99		

Geolocation Desc:	Unknown
Geolocation (old) Code:	11
Geolocation (old) Desc:	UNKNOWN
Non Haz Sub Site Open:	FALSE
Non Haz Sub Site NFA:	FALSE
Non Haz Sub Site NFAR:	FALSE
Note:	
Original Source:	SHWS
Record Date:	01-DEC-2017

70	1 of 1	W	0.79 / 4,154.57	23.23 / -2	NOVANT HEALTH NEW HANOVER REGIONAL MEDICAL CENTER CRITICAL SUPPORT FACILITY 2221 J.R. KENNEDY DRIVE WILMINGTON NC 28405	RCRA CORRACTS

EPA Handler ID:	NCD072022726
Gen Status Universe:	No Report
Contact Name:	LAURA K SPEARY
Contact Address:	PO BOX 9000 , , WILMINGTON , NC, 28402 , US
Contact Phone No and Ext:	910-343-2451
Contact Email:	LAURA.SPEARY@NHRMC.ORG
Contact Country:	US
County Name:	NEW HANOVER
EPA Region:	04
Land Type:	Private
Receive Date:	20220506
Location Latitude:	34.249277
Location Longitude:	-77.920591

Event/Area Details

Area Name:
Event Code: CA225YE
Corrective Action Event Descri: STABILIZATION MEASURES EVALUATION-FACILITY IS AMENABLE TO STABILIZATION
Actual Date of Event: 19930330
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19930330
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: E

Area Name:
Event Code: CA226YB
Corrective Action Event Descri: REGION IV - RPS STABILIZATION CATEGORIES
Actual Date of Event: 19930330
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19930330
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: E

Area Name: ENTIRE FACILITY
Event Code: CA700RA
Corrective Action Event Descri: COMMENTS SENT TO THE STATE
Actual Date of Event: 19960322
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19960322
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: E

Area Name: ENTIRE FACILITY
Event Code: CA999NF
Corrective Action Event Descri: CA PROCESS IS TERMINATED-NO FURTHER ACTION
Actual Date of Event: 20210318
Orig Sched Event Date: 20210318
New Sched Event Date:
Best Date: 20210318
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: ENTIRE FACILITY
Event Code: CA200
Corrective Action Event Descri: INVESTIGATION COMPLETE
Actual Date of Event: 20041120
Orig Sched Event Date:
New Sched Event Date:
Best Date: 20041120
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: ENTIRE FACILITY
Event Code: CA550RC
Corrective Action Event Descri: REMEDY CONSTRUCTION-REMEDY CONSTRUCTED
Actual Date of Event: 20080925

Orig Sched Event Date: 20080925
New Sched Event Date:
Best Date: 20080925
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: ENTIRE FACILITY
Event Code: CA105
Corrective Action Event Descri: CONFIRM. SAMPLING WORKPLAN- NOTI ISSUED
Actual Date of Event: 19980925
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19980925
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: ENTIRE FACILITY
Event Code: CA553
Corrective Action Event Descri: MEETING
Actual Date of Event: 19960402
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19960402
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: ENTIRE FACILITY
Event Code: CA552
Corrective Action Event Descri: CORRESPONDENCE
Actual Date of Event: 19960227
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19960227
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: ENTIRE FACILITY
Event Code: CA552
Corrective Action Event Descri: CORRESPONDENCE
Actual Date of Event: 19960229
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19960229
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: ENTIRE FACILITY
Event Code: CA109
Corrective Action Event Descri: CONFIRMATORY SAMPLING COMPLETED/APPROVED
Actual Date of Event: 20010912
Orig Sched Event Date:
New Sched Event Date:
Best Date: 20010912
Groundwater Release Indicator:

Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: ENTIRE FACILITY
Event Code: CA551
Corrective Action Event Descri: SITE VISIT
Actual Date of Event: 19950511
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19950511
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: ENTIRE FACILITY
Event Code: CA551
Corrective Action Event Descri: SITE VISIT
Actual Date of Event: 20220422
Orig Sched Event Date: 20220422
New Sched Event Date:
Best Date: 20220422
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: ENTIRE FACILITY
Event Code: CA552
Corrective Action Event Descri: CORRESPONDENCE
Actual Date of Event: 19960322
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19960322
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: ENTIRE FACILITY
Event Code: CA551
Corrective Action Event Descri: SITE VISIT
Actual Date of Event: 20190426
Orig Sched Event Date: 20190426
New Sched Event Date:
Best Date: 20190426
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: ENTIRE FACILITY
Event Code: CA150
Corrective Action Event Descri: INVESTIGATION WORKPLAN APPROVED
Actual Date of Event: 20020308
Orig Sched Event Date:
New Sched Event Date:
Best Date: 20020308
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: ENTIRE FACILITY
Event Code: CA725YE
Corrective Action Event Descri: HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Actual Date of Event: 20100730
Orig Sched Event Date:
New Sched Event Date:
Best Date: 20100730
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: ENTIRE FACILITY
Event Code: CA107
Corrective Action Event Descri: CONFIRMATORY SAMPLING REPORT RECEIVED
Actual Date of Event: 20010504
Orig Sched Event Date:
New Sched Event Date:
Best Date: 20010504
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: ENTIRE FACILITY
Event Code: CA900CR
Corrective Action Event Descri: CA PERFORMANCE STANDARDS ATTAINED - CONTROLS REQUIRED
Actual Date of Event: 20210318
Orig Sched Event Date: 20210318
New Sched Event Date:
Best Date: 20210318
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: ENTIRE FACILITY
Event Code: CA400
Corrective Action Event Descri: REMEDY DECISION
Actual Date of Event: 20210318
Orig Sched Event Date: 20210318
New Sched Event Date:
Best Date: 20210318
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: ENTIRE FACILITY
Event Code: CA630
Corrective Action Event Descri: INTERIM MEASURES PLAN APPROVED
Actual Date of Event: 20100517
Orig Sched Event Date:
New Sched Event Date:
Best Date: 20100517
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: ENTIRE FACILITY
Event Code: CA075ME
Corrective Action Event Descri: CA PRIORITIZATION-MEDIUM CA PRIORITY

Actual Date of Event: 19920331
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19920331
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: E

Area Name: ENTIRE FACILITY
Event Code: CA552
Corrective Action Event Descri: CORRESPONDENCE
Actual Date of Event: 19960328
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19960328
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: ENTIRE FACILITY
Event Code: CA110
Corrective Action Event Descri: INVESTIGATION WORKPLAN RECEIVED
Actual Date of Event: 20011214
Orig Sched Event Date:
New Sched Event Date:
Best Date: 20011214
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: ENTIRE FACILITY
Event Code: CA551
Corrective Action Event Descri: SITE VISIT
Actual Date of Event: 20170609
Orig Sched Event Date: 20170609
New Sched Event Date:
Best Date: 20170609
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: ENTIRE FACILITY
Event Code: CA000
Corrective Action Event Descri: CONTAMINATION IDENTIFIED
Actual Date of Event: 20180507
Orig Sched Event Date: 20180507
New Sched Event Date:
Best Date: 20180507
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: ENTIRE FACILITY
Event Code: CA643
Corrective Action Event Descri: INT. MEASURES PROGRESS REPORT RECEIVED
Actual Date of Event: 20120713
Orig Sched Event Date:
New Sched Event Date:
Best Date: 20120713

Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: ENTIRE FACILITY
Event Code: CA772GC
Corrective Action Event Descri: INSTITUTIONAL CONTROLS ESTABLISHED-GOVERNMENTAL CONTROL
Actual Date of Event: 20210317
Orig Sched Event Date: 20210317
New Sched Event Date:
Best Date: 20210317
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: ENTIRE FACILITY
Event Code: CA106
Corrective Action Event Descri: CONFIRMATORY SAMPLING WORKPLAN APPROVED
Actual Date of Event: 19990121
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19990121
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: ENTIRE FACILITY
Event Code: CA643
Corrective Action Event Descri: INT. MEASURES PROGRESS REPORT RECEIVED
Actual Date of Event: 20110218
Orig Sched Event Date:
New Sched Event Date:
Best Date: 20110218
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: ENTIRE FACILITY
Event Code: CA552
Corrective Action Event Descri: CORRESPONDENCE
Actual Date of Event: 20040928
Orig Sched Event Date:
New Sched Event Date:
Best Date: 20040928
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Area Name: ENTIRE FACILITY
Event Code: CA600
Corrective Action Event Descri: STABILIZATION/INTERIM MEASURES DECISION
Actual Date of Event: 19870801
Orig Sched Event Date:
New Sched Event Date:
Best Date: 19870801
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:

Event Responsible Agency:	E
Area Name:	ENTIRE FACILITY
Event Code:	CA400
Corrective Action Event Descri:	REMEDY DECISION
Actual Date of Event:	20080925
Orig Sched Event Date:	20080925
New Sched Event Date:	
Best Date:	20080925
Groundwater Release Indicator:	
Soil Release Indicator:	
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S
Area Name:	ENTIRE FACILITY
Event Code:	CA800YE
Corrective Action Event Descri:	READY FOR ANTICIPATED USE DETERMINATION - READY FOR ANTICIPATED USE
Actual Date of Event:	20210319
Orig Sched Event Date:	20210319
New Sched Event Date:	
Best Date:	20210319
Groundwater Release Indicator:	
Soil Release Indicator:	
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S
Area Name:	ENTIRE FACILITY
Event Code:	CA050
Corrective Action Event Descri:	RFA COMPLETED
Actual Date of Event:	19960628
Orig Sched Event Date:	
New Sched Event Date:	
Best Date:	19960628
Groundwater Release Indicator:	
Soil Release Indicator:	
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S
Area Name:	ENTIRE FACILITY
Event Code:	CA610
Corrective Action Event Descri:	INTERIM MEASURES WORKPLAN RECEIVED
Actual Date of Event:	20100513
Orig Sched Event Date:	
New Sched Event Date:	
Best Date:	20100513
Groundwater Release Indicator:	
Soil Release Indicator:	
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S
Area Name:	ENTIRE FACILITY
Event Code:	CA107
Corrective Action Event Descri:	CONFIRMATORY SAMPLING REPORT RECEIVED
Actual Date of Event:	19990621
Orig Sched Event Date:	
New Sched Event Date:	
Best Date:	19990621
Groundwater Release Indicator:	
Soil Release Indicator:	
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S
Area Name:	ENTIRE FACILITY
Event Code:	CA750YE

Corrective Action Event Descri:	RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Actual Date of Event:	20100730
Orig Sched Event Date:	
New Sched Event Date:	
Best Date:	20100730
Groundwater Release Indicator:	
Soil Release Indicator:	
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	ENTIRE FACILITY
Event Code:	CA184
Corrective Action Event Descri:	DRAFT RFI REPORT RECEIVED
Actual Date of Event:	20021002
Orig Sched Event Date:	
New Sched Event Date:	
Best Date:	20021002
Groundwater Release Indicator:	
Soil Release Indicator:	
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	ENTIRE FACILITY
Event Code:	CA108
Corrective Action Event Descri:	CONFIRMATORY SAMPLING REPORT REVIEWED
Actual Date of Event:	20010307
Orig Sched Event Date:	
New Sched Event Date:	
Best Date:	20010307
Groundwater Release Indicator:	
Soil Release Indicator:	
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	ENTIRE FACILITY
Event Code:	CA550NR
Corrective Action Event Descri:	REMEDY CONSTRUCTION-NO REMEDY CONSTRUCTED
Actual Date of Event:	20210318
Orig Sched Event Date:	20210318
New Sched Event Date:	
Best Date:	20210318
Groundwater Release Indicator:	
Soil Release Indicator:	
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	ENTIRE FACILITY
Event Code:	CA104
Corrective Action Event Descri:	CONFIRMITORY SAMPLING WORKPLAN RECEIVED
Actual Date of Event:	19971010
Orig Sched Event Date:	
New Sched Event Date:	
Best Date:	19971010
Groundwater Release Indicator:	
Soil Release Indicator:	
Air Release Indicator:	
Surface Waste Release Ind:	
Event Responsible Agency:	S

Area Name:	ENTIRE FACILITY
Event Code:	CA552
Corrective Action Event Descri:	CORRESPONDENCE
Actual Date of Event:	19950601
Orig Sched Event Date:	
New Sched Event Date:	

Best Date: 19950601
Groundwater Release Indicator:
Soil Release Indicator:
Air Release Indicator:
Surface Waste Release Ind:
Event Responsible Agency: S

Violation/Evaluation Summary

Note: VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated Jan, 2023.

Violation Details

Found Violation: Yes
Citation: FR - 264.35
Violation Short Description: TSD - Preparedness and Prevention
Violation Type: 264.C
Violation Determined Date: 19920609
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 19920709
Violation Responsible Agency: EPA

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD IS-Contingency Plan and Emergency Procedures
Violation Type: 265.D
Violation Determined Date: 20060906
Scheduled Compliance Date: 20061006
Return to Compliance: Documented
Actual Return to Compl: 20061011
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20060919
Enf Disposition Status: ACTION SATISFIED (CASE CLOSED)
Disposition Status Date: 20061011
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: SR - 262.34(a)
Violation Short Description: Generators - Pre-transport
Violation Type: 262.C
Violation Determined Date: 19920610
Scheduled Compliance Date: 19920616
Return to Compliance: Observed
Actual Return to Compl: 19920715
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19920610
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - Pre-transport
Violation Type: 262.C
Violation Determined Date: 20051003
Scheduled Compliance Date: 20051103
Return to Compliance: Documented
Actual Return to Compl: 20051011
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20051011
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: SR - 262.34(c)(1)(i)
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 19920610
Scheduled Compliance Date: 19920616
Return to Compliance: Observed
Actual Return to Compl: 19920715
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19920610
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - Pre-transport

Violation Type: 262.C
Violation Determined Date: 20060906
Scheduled Compliance Date: 20061006
Return to Compliance: Documented
Actual Return to Compl: 20061011
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20060919
Enf Disposition Status: ACTION SATISFIED (CASE CLOSED)
Disposition Status Date: 20061011
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD - General Facility Standards
Violation Type: 264.B
Violation Determined Date: 20020725
Scheduled Compliance Date: 20020825
Return to Compliance: Observed
Actual Return to Compl: 20020925
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20020725
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: FR - 262.34(A)(2)
Violation Short Description: Generators - Pre-transport
Violation Type: 262.C
Violation Determined Date: 19920610
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 19920709
Violation Responsible Agency: EPA

Violation Details

Found Violation: Yes
Citation: SR - 265.16(c)
Violation Short Description: Generators - Records/Reporting
Violation Type: 262.D
Violation Determined Date: 19931103
Scheduled Compliance Date: 19931203

Return to Compliance: Observed
Actual Return to Compl: 19931112
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19931103
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: SR - 265.117(a)(l)(i)
Violation Short Description: TSD IS-Ground-Water Monitoring
Violation Type: 265.F
Violation Determined Date: 19930215
Scheduled Compliance Date: 19930427
Return to Compliance: Observed
Actual Return to Compl: 19931112
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19930325
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD IS-Ground-Water Monitoring
Violation Type: 265.F
Violation Determined Date: 19890531
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 19980910
Violation Responsible Agency: State

Violation Details

Found Violation: Yes
Citation: SR - 262.34(c)(i)
Violation Short Description: Generators - Records/Reporting
Violation Type: 262.D
Violation Determined Date: 19920610
Scheduled Compliance Date: 19920616
Return to Compliance: Observed
Actual Return to Compl: 19920715
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19920610
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: FR - 262.34(C)(1)
Violation Short Description: Generators - Pre-transport
Violation Type: 262.C
Violation Determined Date: 19920610
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 19920709
Violation Responsible Agency: EPA

Violation Details

Found Violation: Yes
Citation: FR - 262.34(A)(2)
Violation Short Description: Generators - Pre-transport
Violation Type: 262.C
Violation Determined Date: 19920609
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 19920709
Violation Responsible Agency: EPA

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD IS-Contingency Plan and Emergency Procedures
Violation Type: 265.D
Violation Determined Date: 20071011
Scheduled Compliance Date: 20071112
Return to Compliance: Documented
Actual Return to Compl: 20071112
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20071015
Enf Disposition Status: ACTION SATISFIED (CASE CLOSED)
Disposition Status Date: 20071113
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD IS-Ground-Water Monitoring
Violation Type: 265.F
Violation Determined Date: 19890301
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 19890910
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 19890301
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: FR - 262.34(C)(1)
Violation Short Description: Generators - Pre-transport
Violation Type: 262.C
Violation Determined Date: 19920609
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 19920709
Violation Responsible Agency: EPA

Violation Details

Found Violation: Yes
Citation: FR - 40 CFR 262.34(C)(1)(II)
Violation Short Description: Generators - General
Violation Type: 262.A
Violation Determined Date: 19990526
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 19990526
Violation Responsible Agency: EPA

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: Generators - Pre-transport
Violation Type: 262.C
Violation Determined Date: 20071011
Scheduled Compliance Date: 20071112
Return to Compliance: Documented
Actual Return to Compl: 20071112
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL

Enforcement Action Date: 20071015
Enf Disposition Status: ACTION SATISFIED (CASE CLOSED)
Disposition Status Date: 20071113
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD IS-Ground-Water Monitoring
Violation Type: 265.F
Violation Determined Date: 19880930
Scheduled Compliance Date: 19890530
Return to Compliance: Observed
Actual Return to Compl: 19890910
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 19890301
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: SR - 262.34(C)(I)
Violation Short Description: Generators - Pre-transport
Violation Type: 262.C
Violation Determined Date: 19990526
Scheduled Compliance Date: 19990526
Return to Compliance: Observed
Actual Return to Compl: 19990526
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 19990526
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation:
Violation Short Description: TSD IS-Preparedness and Prevention
Violation Type: 265.C
Violation Determined Date: 20071011

Scheduled Compliance Date: 20071112
Return to Compliance: Documented
Actual Return to Compl: 20071112
Violation Responsible Agency: State

Enforcement Details

Enforcement Type: 120
Enforcement Type Description: WRITTEN INFORMAL
Enforcement Action Date: 20071015
Enf Disposition Status: ACTION SATISFIED (CASE CLOSED)
Disposition Status Date: 20071113
Enforcement Lead Agency: State
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Violation Details

Found Violation: Yes
Citation: FR - 262.34(C)(1)(I)
Violation Short Description: Generators - Pre-transport
Violation Type: 262.C
Violation Determined Date: 19920610
Scheduled Compliance Date:
Return to Compliance: Observed
Actual Return to Compl: 19920709
Violation Responsible Agency: EPA

Evaluation Details

Evaluation Start Date: 20180907
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20051011
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20120919
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20051003
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - Pre-transport
Return to Compliance Date: 20051011
Evaluation Agency: State

Evaluation Start Date: 20130729
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20110714
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:

Evaluation Agency: State

Evaluation Start Date: 19910114
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20060906
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD IS-Contingency Plan and Emergency Procedures
Return to Compliance Date: 20061011
Evaluation Agency: State

Evaluation Start Date: 20100902
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20170609
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19900215
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20100831
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Evaluation Start Date: 19981021
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20071011
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD IS-Contingency Plan and Emergency Procedures
Return to Compliance Date: 20071112
Evaluation Agency: State

Evaluation Start Date: 20060410
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20091014
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20130403
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19900824

Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20160908
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19930215
Evaluation Type Description: GROUNDWATER MONITORING EVALUATION
Violation Short Description: TSD IS-Ground-Water Monitoring
Return to Compliance Date: 19931112
Evaluation Agency: State

Evaluation Start Date: 19910814
Evaluation Type Description: GROUNDWATER MONITORING EVALUATION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19990518
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20061025
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19900626
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19950714
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19920610
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - Pre-transport
Return to Compliance Date: 19920709
Evaluation Agency: EPA

Evaluation Start Date: 19910124
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20190411
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20120410
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:

Evaluation Agency: State

Evaluation Start Date: 20100819
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20070608
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19910108
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20200423
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20050517
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20091125
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19931103
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - Records/Reporting
Return to Compliance Date: 19931112
Evaluation Agency: State

Evaluation Start Date: 19920610
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - Pre-transport
Return to Compliance Date: 19920715
Evaluation Agency: State

Evaluation Start Date: 20190426
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19910703
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19960227
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20161213

Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19911119
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20151014
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19890531
Evaluation Type Description: GROUNDWATER MONITORING EVALUATION
Violation Short Description: TSD IS-Ground-Water Monitoring
Return to Compliance Date: 19980910
Evaluation Agency: State

Evaluation Start Date: 19920609
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - Preparedness and Prevention
Return to Compliance Date: 19920709
Evaluation Agency: EPA

Evaluation Start Date: 19920715
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION
Violation Short Description: Generators - General
Return to Compliance Date: 19920715
Evaluation Agency: State

Evaluation Start Date: 20000403
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20020925
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20071011
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - Pre-transport
Return to Compliance Date: 20071112
Evaluation Agency: State

Evaluation Start Date: 19921222
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20150602
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19900124
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:

Evaluation Agency: State

Evaluation Start Date: 19920610
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - General
Return to Compliance Date: 19920715
Evaluation Agency: State

Evaluation Start Date: 20180702
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19890301
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description: TSD IS-Ground-Water Monitoring
Return to Compliance Date: 19890910
Evaluation Agency: State

Evaluation Start Date: 20090923
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19971027
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20080930
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20110412
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19891207
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20061012
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20210518
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19911202
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19921112

Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20210322
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19920715
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION
Violation Short Description: Generators - Records/Reporting
Return to Compliance Date: 19920715
Evaluation Agency: State

Evaluation Start Date: 19931112
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION
Violation Short Description: TSD IS-Ground-Water Monitoring
Return to Compliance Date: 19931112
Evaluation Agency: State

Evaluation Start Date: 20060723
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20030407
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19930407
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19920911
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19890208
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19920402
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19890516
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19931216
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:

Evaluation Agency: State

Evaluation Start Date: 20081117
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20120720
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19970220
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20020725
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD - General Facility Standards
Return to Compliance Date: 20020925
Evaluation Agency: State

Evaluation Start Date: 20180403
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19890505
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19980415
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20100419
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20130405
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20030721
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20211006
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20100202

Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20170814
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19900122
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20040827
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19940414
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19990526
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - General
Return to Compliance Date: 19990526
Evaluation Agency: EPA

Evaluation Start Date: 20220422
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20110215
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19910819
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19920609
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - Pre-transport
Return to Compliance Date: 19920709
Evaluation Agency: EPA

Evaluation Start Date: 19941109
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19910509
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:

Evaluation Agency: State

Evaluation Start Date: 19940708
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19920715
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION
Violation Short Description: Generators - Pre-transport
Return to Compliance Date: 19920715
Evaluation Agency: State

Evaluation Start Date: 20080805
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20020116
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19970728
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20071011
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: TSD IS-Preparedness and Prevention
Return to Compliance Date: 20071112
Evaluation Agency: State

Evaluation Start Date: 19960523
Evaluation Type Description: GROUNDWATER MONITORING EVALUATION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20061125
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19881207
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20061011
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20040413
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20170411

Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20010330
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19900619
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19921201
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20140415
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19880930
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description: TSD IS-Ground-Water Monitoring
Return to Compliance Date: 19890910
Evaluation Agency: State

Evaluation Start Date: 20070822
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Evaluation Start Date: 19901011
Evaluation Type Description: GROUNDWATER MONITORING EVALUATION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19920610
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - Records/Reporting
Return to Compliance Date: 19920715
Evaluation Agency: State

Evaluation Start Date: 19920709
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Evaluation Start Date: 20071113
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19931112
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION
Violation Short Description: Generators - Records/Reporting
Return to Compliance Date: 19931112

Evaluation Agency: State

Evaluation Start Date: 20140516
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19900501
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20070717
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20091124
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20020513
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20060906
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - Pre-transport
Return to Compliance Date: 20061011
Evaluation Agency: State

Evaluation Start Date: 20001025
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19950710
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20110517
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20221012
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20160512
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20150416

Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20141106
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19900626
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19960408
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19990526
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description: Generators - Pre-transport
Return to Compliance Date: 19990526
Evaluation Agency: State

Evaluation Start Date: 19900530
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19920610
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: EPA

Evaluation Start Date: 19890910
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20120705
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20130423
Evaluation Type Description: FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19871229
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 19990729
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION
Violation Short Description: Generators - Pre-transport
Return to Compliance Date: 19990526

Evaluation Agency: State

Evaluation Start Date: 19921215
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner: No
Smelting, Melting and Refining: No
Underground Injection Control: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20100325
Handler Name: MEADWESTVACO PACKAGING SYSTEMS LLC
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20190213

Handler Name: NEW HANOVER REGIONAL MEDICAL CENTER ADMINISTRATIVE/LOGISTICS FACILITY
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Part A

Waste Code Details

Hazardous Waste Code: U159
Waste Code Description: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20021115
Handler Name: ORACLE PACKAGEING CO OF NC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Hazardous Waste Handler Details

Sequence No: 8
Receive Date: 20040217
Handler Name: ORACLE PACKAGING COMPANY OF NC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Waste Code Details

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 10
Receive Date: 20080301
Handler Name: ORACLE PACKAGING COMPANY OF N.C.
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20120308
Handler Name: INTERNATIONAL PAPER
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: U159
Waste Code Description: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

Hazardous Waste Handler Details

Sequence No: 6
Receive Date: 20220506
Handler Name: NOVANT HEALTH NEW HANOVER REGIONAL MEDICAL CENTER CRITICAL SUPPORT FACILITY
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Annual/Biennial Report update with Notification

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 19960103
Handler Name: FEDERAL PAPER BOARD CO(CARTON PLANT #24)
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 20160330
Handler Name: INTERNATIONAL PAPER

Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: U159
Waste Code Description: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 19920224
Handler Name: FEDERAL PAPER BOARD
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 19940329
Handler Name: FEDERAL PAPER BOARD CO., INC. PLT 24 CAR
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19980720
Handler Name: INTERNATIONAL PAPER
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Part A

Waste Code Details

Hazardous Waste Code: U159
Waste Code Description: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19930101
Handler Name: INTERNATIONAL PAPER
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Implementer

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20080731
Handler Name: MEAD/WESTVACO PACKAGING SYSTEMS LLC

Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Implementer

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 20080623
Handler Name: MEAD/WESTVACO PACKAGING SYSTEMS LLC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 6
Receive Date: 20000228
Handler Name: INTERNATIONAL PAPER
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20101018
Handler Name: INTERNATIONAL PAPER
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Part A

Waste Code Details

Hazardous Waste Code: U159
Waste Code Description: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19991025
Handler Name: INTERNATIONAL PAPER
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 5
Receive Date: 19981113
Handler Name: INTERNATIONAL PAPER CARTON PLANT #24
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 7
Receive Date: 20020222
Handler Name: INTERNATIONAL PAPER, WILMINGTON FOLDING
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Waste Code Details

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 5
Receive Date: 20200804
Handler Name: NEW HANOVER REGIONAL MEDICAL CENTER ADMINISTRATIVE/LOGISTICS FACILITY
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: U159
Waste Code Description: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19900214
Handler Name: FEDERAL PAPER BOARD CO INC PLANT #24
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20200908
Handler Name: NEW HANOVER REGIONAL MEDICAL CENTER ADMIN./LOGISTICS FACILITY
Federal Waste Generator Code: 1

Generator Code Description: Large Quantity Generator
Source Type: Implementer

Waste Code Details

Hazardous Waste Code: U159
Waste Code Description: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

Hazardous Waste Handler Details

Sequence No: 5
Receive Date: 20210701
Handler Name: NOVANT HEALTH NEW HANOVER REGIONAL MEDICAL CENTER CRITICAL SUPPORT FACILITY
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 9
Receive Date: 20060406
Handler Name: ORACLE PACKAGING COMPANY OF NC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20140506
Handler Name: INTERNATIONAL PAPER
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: U159
Waste Code Description: 2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20021115
Handler Name: ORACLE PACKAGEING CO OF NC
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Other
Name: NEW HANOVER REGIONAL MEDICAL CENTER
Date Became Current: 20180810
Date Ended Current:
Phone: 910-343-2451
Source Type: Notification
Street No: 2131
Street 1: SOUTH 17TH STREET
Street 2:
City: WILMINGTON
State: NC
Country: US
Zip Code: 28401

Owner/Operator Ind: Current Owner
Type: Private
Name: INTERNATIONAL PAPER CO
Date Became Current: 19960512
Date Ended Current:
Phone:
Source Type: Implementer
Street No: 6400
Street 1: POPLAR AVE
Street 2:
City: MEMPHIS
State: TN
Country: US
Zip Code: 38197

Owner/Operator Ind: Current Owner
Type: Private
Name: INTERNATIONAL PAPER COMPANY
Date Became Current: 19960513
Date Ended Current:
Phone:
Source Type: Annual/Biennial Report
Street No:
Street 1:
Street 2:
City:
State:
Country: US
Zip Code:

Owner/Operator Ind: Current Operator
Type: Private
Name: INTERNATIONAL PAPER CO
Date Became Current: 20091214
Date Ended Current:
Phone: 901-419-3878
Source Type: Part A
Street No: 6400
Street 1: POPLAR AVE
Street 2:
City: MEMPHIS
State: TN
Country: US
Zip Code: 38197

Owner/Operator Ind: Current Operator
Type: Private
Name: INTERNATIONAL PAPER
Date Became Current: 20091214
Date Ended Current:
Phone:
Source Type: Annual/Biennial Report update with Notification
Street No:
Street 1:
Street 2:
City:
State:
Country:
Zip Code:

Owner/Operator Ind: Current Owner
Type: Private
Street No: 2085
Street 1: FRONTIS PLAZA BLVD.

Name:	NOVANT HEALTH, INC.	**Street 2:**	
Date Became Current:	20210201	**City:**	WINSTON SALEM
Date Ended Current:		**State:**	NC
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	27103
Owner/Operator Ind:	Current Owner	**Street No:**	2131
Type:	Other	**Street 1:**	SOUTH 17TH STREET
Name:	NEW HANOVER REGIONAL MEDICAL CENTER	**Street 2:**	
Date Became Current:	20180810	**City:**	WILMINGTON
Date Ended Current:		**State:**	NC
Phone:	910-667-7443	**Country:**	US
Source Type:	Notification	**Zip Code:**	28401
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	TWO MANHATTANVILLE RD
Name:	INTERNATIONAL PAPER	**Street 2:**	
Date Became Current:	17760101	**City:**	PURCHASE
Date Ended Current:		**State:**	NY
Phone:	914-397-1500	**Country:**	
Source Type:	Notification	**Zip Code:**	10577-2196
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	2221 JR KENNEDY DRIVE
Name:	INTERNATIONAL PAPER COMPANY	**Street 2:**	
Date Became Current:	19960513	**City:**	WILMINGTON
Date Ended Current:		**State:**	NC
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report	**Zip Code:**	28405
Owner/Operator Ind:	Current Owner	**Street No:**	2131
Type:	Other	**Street 1:**	SOUTH 17TH STREET
Name:	NEW HANOVER REGIONAL MEDICAL CENTER	**Street 2:**	
Date Became Current:	20180810	**City:**	WILMINGTON
Date Ended Current:		**State:**	NC
Phone:	910-667-7443	**Country:**	US
Source Type:	Part A	**Zip Code:**	28401
Owner/Operator Ind:	Current Owner	**Street No:**	6400
Type:	Private	**Street 1:**	POPLAR AVENUE
Name:	INTERNATIONAL PAPER CO	**Street 2:**	
Date Became Current:	19960512	**City:**	MEMPHIS
Date Ended Current:		**State:**	TN
Phone:	901-419-3878	**Country:**	US
Source Type:	Part A	**Zip Code:**	38197
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	MEADWESTVACO PACKAGING SYSTEMS LLC	**Street 2:**	
Date Became Current:	20080626	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	
Owner/Operator Ind:	Current Owner	**Street No:**	6400
Type:	Private	**Street 1:**	POPLAR AVENUE
Name:	INTERNATIONAL PAPER CO	**Street 2:**	
Date Became Current:	19960512	**City:**	MEMPHIS
Date Ended Current:		**State:**	TN
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	38197
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	JAMES D. HUMMER	**Street 2:**	
Date Became Current:	20011215	**City:**	

Date Ended Current:		**State:**	
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report	**Zip Code:**	

Owner/Operator Ind:	Current Operator	**Street No:**	6400
Type:	Private	**Street 1:**	POPLAR AVENUE
Name:	INTERNATIONAL PAPER	**Street 2:**	
Date Became Current:	20091214	**City:**	MEMPHIS
Date Ended Current:		**State:**	TN
Phone:	901-419-3878	**Country:**	US
Source Type:	Implementer	**Zip Code:**	38197

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	MEAD/WESTVACO PACKAGING SYSTEMS LLC	**Street 2:**	
Date Became Current:	20080623	**City:**	
Date Ended Current:		**State:**	NC
Phone:		**Country:**	US
Source Type:	Notification	**Zip Code:**	

Owner/Operator Ind:	Current Owner	**Street No:**	2221
Type:	Private	**Street 1:**	JR KENNEDY DR
Name:	INTERNATIONAL PAPER CO	**Street 2:**	
Date Became Current:	19960512	**City:**	WILMINGTON
Date Ended Current:		**State:**	NC
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report	**Zip Code:**	28405

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	INTERNATIONAL PAPER CO	**Street 2:**	
Date Became Current:	19960512	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	MEAD/WESTVACO PACKAGING SYSTEMS LLC	**Street 2:**	
Date Became Current:	20080623	**City:**	
Date Ended Current:		**State:**	NC
Phone:		**Country:**	US
Source Type:	Implementer	**Zip Code:**	

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	TWO MANHATTANVILLE RD
Name:	INTERNATIONAL PAPER	**Street 2:**	
Date Became Current:		**City:**	PURCHASE
Date Ended Current:		**State:**	NY
Phone:	914-397-1500	**Country:**	
Source Type:	Notification	**Zip Code:**	10577-2196

Owner/Operator Ind:	Current Operator	**Street No:**	6400
Type:	Private	**Street 1:**	POPLAR AVENUE
Name:	INTERNATIONAL PAPER	**Street 2:**	
Date Became Current:	20091214	**City:**	MEMPHIS
Date Ended Current:		**State:**	TN
Phone:	901-419-3878	**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	38197

Owner/Operator Ind:	Current Owner	**Street No:**	2131
Type:	Other	**Street 1:**	SOUTH 17TH STREET
Name:	NEW HANOVER REGIONAL MEDICAL CENTER	**Street 2:**	
Date Became Current:	20180810	**City:**	WILMINGTON
Date Ended Current:		**State:**	NC
Phone:	910-667-7443	**Country:**	US

Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	28401
Owner/Operator Ind:	Current Operator	**Street No:**	2085
Type:	Private	**Street 1:**	FRONTIS PLAZA BLVD.
Name:	NOVANT HEALTH, INC.	**Street 2:**	
Date Became Current:	20210201	**City:**	WINSTON SALEM
Date Ended Current:		**State:**	NC
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	27103
Owner/Operator Ind:	Current Owner	**Street No:**	2131
Type:	Other	**Street 1:**	SOUTH 17TH STREET
Name:	NEW HANOVER REGIONAL MEDICAL CENTER	**Street 2:**	
Date Became Current:	20180810	**City:**	WILMINGTON
Date Ended Current:		**State:**	NC
Phone:	910-667-7443	**Country:**	US
Source Type:	Implementer	**Zip Code:**	28401
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	2221 JR KENNEDY DRIVE
Name:	INTERNATIONAL PAPER COMPANY	**Street 2:**	
Date Became Current:	19960512	**City:**	WILMINGTON
Date Ended Current:		**State:**	NC
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report	**Zip Code:**	28405
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	TWO MANHATTANVILLE RD
Name:	INTERNATIONAL PAPER	**Street 2:**	
Date Became Current:		**City:**	PURCHASE
Date Ended Current:		**State:**	NY
Phone:	914-397-1500	**Country:**	
Source Type:	Part A	**Zip Code:**	10577-2196
Owner/Operator Ind:	Current Operator	**Street No:**	6400
Type:	Private	**Street 1:**	POPLAR AVENUE
Name:	INTERNATIONAL PAPER	**Street 2:**	
Date Became Current:	20091214	**City:**	MEMPHIS
Date Ended Current:		**State:**	TN
Phone:	901-419-3878	**Country:**	US
Source Type:	Part A	**Zip Code:**	38197
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	ORACLE PACKAGING CO	**Street 2:**	
Date Became Current:	20021125	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	US
Source Type:	Notification	**Zip Code:**	
Owner/Operator Ind:	Current Owner	**Street No:**	6400
Type:	Private	**Street 1:**	POPLAR AVE
Name:	INTERNATIONAL PAPER CO	**Street 2:**	
Date Became Current:	19960512	**City:**	MEMPHIS
Date Ended Current:		**State:**	TN
Phone:		**Country:**	US
Source Type:	Notification	**Zip Code:**	38197
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	ORACLE PACKAGING COMPANY OF NC	**Street 2:**	
Date Became Current:	20020823	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report	**Zip Code:**	

Historical Handler Details

Receive Dt: 20020222
Generator Code Description: Large Quantity Generator
Handler Name: INTERNATIONAL PAPER, WILMINGTON FOLDING

Receive Dt: 19980720
Generator Code Description: Not a Generator, Verified
Handler Name: INTERNATIONAL PAPER

Receive Dt: 19981113
Generator Code Description: Large Quantity Generator
Handler Name: INTERNATIONAL PAPER CARTON PLANT #24

Receive Dt: 20080301
Generator Code Description: Large Quantity Generator
Handler Name: ORACLE PACKAGING COMPANY OF N.C.

Receive Dt: 20190213
Generator Code Description: Not a Generator, Verified
Handler Name: NEW HANOVER REGIONAL MEDICAL CENTER ADMINISTRATIVE/LOGISTICS FACILITY

Receive Dt: 19991025
Generator Code Description: Large Quantity Generator
Handler Name: INTERNATIONAL PAPER

Receive Dt: 19940329
Generator Code Description: Large Quantity Generator
Handler Name: FEDERAL PAPER BOARD CO., INC. PLT 24 CAR

Receive Dt: 20140506
Generator Code Description: Not a Generator, Verified
Handler Name: INTERNATIONAL PAPER

Receive Dt: 20101018
Generator Code Description: Not a Generator, Verified
Handler Name: INTERNATIONAL PAPER

Receive Dt: 20200908
Generator Code Description: Large Quantity Generator
Handler Name: NEW HANOVER REGIONAL MEDICAL CENTER ADMIN./LOGISTICS FACILITY

Receive Dt: 19930101
Generator Code Description: Not a Generator, Verified
Handler Name: INTERNATIONAL PAPER

Receive Dt: 19960103
Generator Code Description: Large Quantity Generator
Handler Name: FEDERAL PAPER BOARD CO(CARTON PLANT #24)

Receive Dt: 20021115
Generator Code Description: Large Quantity Generator
Handler Name: ORACLE PACKAGEING CO OF NC

Receive Dt: 20100325
Generator Code Description: Not a Generator, Verified
Handler Name: MEADWESTVACO PACKAGING SYSTEMS LLC

Receive Dt: 20021115
Generator Code Description: Large Quantity Generator
Handler Name: ORACLE PACKAGEING CO OF NC

Receive Dt: 20060406
Generator Code Description: Large Quantity Generator
Handler Name: ORACLE PACKAGING COMPANY OF NC

Receive Dt: 20120308
Generator Code Description: Not a Generator, Verified
Handler Name: INTERNATIONAL PAPER

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Receive Dt: 20200804
Generator Code Description: Large Quantity Generator
Handler Name: NEW HANOVER REGIONAL MEDICAL CENTER ADMINISTRATIVE/LOGISTICS FACILITY

Receive Dt: 19900214
Generator Code Description: Large Quantity Generator
Handler Name: FEDERAL PAPER BOARD CO INC PLANT #24

Receive Dt: 19920224
Generator Code Description: Large Quantity Generator
Handler Name: FEDERAL PAPER BOARD

Receive Dt: 20080731
Generator Code Description: Large Quantity Generator
Handler Name: MEAD/WESTVACO PACKAGING SYSTEMS LLC

Receive Dt: 20080623
Generator Code Description: Large Quantity Generator
Handler Name: MEAD/WESTVACO PACKAGING SYSTEMS LLC

Receive Dt: 20040217
Generator Code Description: Large Quantity Generator
Handler Name: ORACLE PACKAGING COMPANY OF NC

Receive Dt: 20000228
Generator Code Description: Large Quantity Generator
Handler Name: INTERNATIONAL PAPER

Receive Dt: 20160330
Generator Code Description: Not a Generator, Verified
Handler Name: INTERNATIONAL PAPER

Receive Dt: 20210701
Generator Code Description: Very Small Quantity Generator
Handler Name: NOVANT HEALTH NEW HANOVER REGIONAL MEDICAL CENTER CRITICAL SUPPORT FACILITY

71	1 of 1	WNW	0.82 / 4,304.77	23.03 / -2	CARO-KNIT SMITH CREEK PKWY & 23RD WILMINGTON NC	SHWS

EPA ID: NCD986171965
County (NCDENR): NEW HANOVER
Latitude (NCDENR): 34.25596
Longitude (NCDENR): -77.92093
County (Fed Rmdtn):
Zip (Fed Rmdtn):
Lat (Fed Rmdtn):
Long (Fed Rmdtn):
County (IH Waste): NEW HANOVER
Lat (IH Waste): 34.25596
Long(IH Waste): -77.92093
Site Name (NCDENR): CARO-KNIT
Address (NCDENR): SMITH CREEK PKWY & 23RD
City (NCDENR): WILMINGTON
Site Name (Fed Rmdtn):
Addr (Fed Rmdtn):
City (Fed Rmdtn):
Site Name (InactvHazWste): CARO-KNIT
Addr (InactvHzWste): SMITH CREEK PKWY & 23RD
City (InactvHzWste): WILMINGTON
Original Source(s): Division of Waste Management Site Locator Tool - Inactive Hazardous Waste Layer; North Carolina Department of Environment and Natural Resources (NCDENR)
Note: Documents related to facilities in NC can be searched on the NC DEQ Laser Fiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Division of Waste Management Site Locator Tool - Inactive Hazardous Waste Layer

Land Use Restrict: FALSE
Voluntary Cleanup: TRUE
Update Date: 2022/11/30 00:00:00+00
Geo Location Code: ON SCREEN PLACEMENT ON GEOREFERENCED MAP
Laser Fiche: https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand={[WM]:[Program_ID]=%
Source: ACMEMAPPER
X: -77.9209299999999
Y: 34.2559600000001

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

22*NCD986171965*%22}

NCDEQ - Location Detail

Source: AcmeMapper
Geolocation Code Desc: On Screen Placement On Georeferenced Map

NCDEQ - Site Categories Detail

SPL Score: 58.26
Category: Voluntary (AA)
Partial AA: FALSE

---

72 | ***1 of 1*** | ***SE*** | ***0.83 / 4,402.39*** | ***38.93 / 14*** | ***WETSIG YACHTS 4022 MARKET STREET WILMINGTON NC*** | ***SHWS***

EPA ID: NONCD0001105
County (NCDENR): NEW HANOVER
Latitude (NCDENR): 34.23775
Longitude (NCDENR): -77.89462
County (Fed Rmdtn):
Zip (Fed Rmdtn):
Site Name (NCDENR): WETSIG YACHTS
Address (NCDENR): 4022 MARKET STREET
City (NCDENR): WILMINGTON
Site Name (Fed Rmdtn):
Addr (Fed Rmdtn):
City (Fed Rmdtn):
Site Name (InactvHazWste): WETSIG YACHTS
Addr (InactvHzWste): 4022 MARKET STREET
City (InactvHzWste): WILMINGTON
Original Source(s): Division of Waste Management Site Locator Tool - Inactive Hazardous Waste Layer; North Carolina Department of Environment and Natural Resources (NCDENR)
Note: Documents related to facilities in NC can be searched on the NC DEQ Laser Fiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Lat (Fed Rmdtn):
Long (Fed Rmdtn):
County (IH Waste): NEW HANOVER
Lat (IH Waste): 34.23775
Long(IH Waste): -77.89462

Division of Waste Management Site Locator Tool - Inactive Hazardous Waste Layer

Land Use Restrict: FALSE
Voluntary Cleanup: FALSE
Update Date: 2022/11/30 00:00:00+00
Geo Location Code: ON SCREEN PLACEMENT ON GEOREFERENCED MAP
Laser Fiche: https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand={[WM]:[Program_ID]=%22*NONCD0001105*%22}

Source: ACMEMAPPER
X: -77.89462
Y: 34.2377500000001

NCDEQ - Location Detail

Source: AcmeMapper
Geolocation Code Desc: On Screen Placement On Georeferenced Map

NCDEQ - Site Categories Detail

SPL Score: 42.6
Category: SPL
Partial AA: FALSE

Unplottable Summary

Total: 3 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
LUST	FOWLERS AUTO SALES	MARKET ST.	WILMINGTON NC		825344359
LUST TRUST	Beasley Stallings Partnership	North Market Street ***Incident No*	*Facility ID:*** 5810 | 0-001070	Wilmington NC		819107244
SPILLS		Princess Place Dr. Wilmington, NC	NC		822895094

Unplottable Report

Site: ***FOWLERS AUTO SALES***
MARKET ST. WILMINGTON NC

LUST

Incdnt No (DWM Map):		***Incident No:***	
Fac ID (DWM Map):		***Facility ID:***	
UST No (DWM Map):	WI-146	***UST No:***	WI-146
Curr Stat (DWM Map):	Current Record	***Current Status:***	C
Close Out(DWMMap):		***Status Title:***	Current Record
Dt Occur (DWM Map):		***Close Out:***	
Incident (DWM Map):	FOWLERS AUTO SALES	***Date Occurred:***	
Address (DWM Map):	MARKET ST.	***Contam Type:***	
County (DWM Map):	NEW H	***Cleanup:***	
City (DWM Map):	WILMINGTON	***County:***	NEW H
Zip Code (DWM Map):		***Latitude:***	0
Latitude (DWM Map):	0	***Longitude:***	0
Long (DWM Map):	0		
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		
Data Source:	Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB)		

UST Incidents

RO Code:	WIL	***Reg:***	R
CD No:	0	***Conf Risk:***	L
Date Reported:		***RRA Date:***	
Land Use:		***RRA Risk:***	
LUR Filed:		***RRA Rank Curr:***	0
LUR Resc:		***RRA Abate:***	
LUR State:		***Risk:***	
X:	32888970.6354088	***RRA Rank:***	
Y:	-69513.2738360167	***MGR:***	NPM
Comm:	C		
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-146%2A%22%7D		
Object ID:	9996		

RUST Data

MGR:	NPM	***LUR Resc:***	
RO Code:	WIL	***LUR State:***	
Date Reported:		***SL MGR:***	
Date Reported FY:		***SL Cleanup Strt Dt:***	
Date Occured FY:		***SL Cleanup End Dt:***	
Comm:	C	***SL Site Stat:***	
Reg:	R	***SL Ftfrecdte:***	
Perccomfndelig:		***CD NO:***	0
TOT Paid:		***RRA Date:***	
Conf Risk:	L	***RRA Risk:***	
Risk:		***RRA Rank Curr:***	0
Landuse:		***RRA Abate:***	
Inc Stat:	Open	***RRA Rank:***	
Closeout FY:		***X:***	32888970.6352937
LUR Filed:		***Y:***	-69513.2738257283
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-146%2A%22%7D		
Comment:			

LUST Database

MGR:	NPM	***Contact:***	
Regional Office Cd:	WIL	***Telephone:***	
Date Reported:		***RP Address:***	
Release Code:	0	***RP City:***	
Release Code Desc:		***RP State:***	
Source:		***RP Zip Code:***	
Source Desc:		***RP County:***	
Site Priority:		***RP Email:***	
Pollutant Type:		***RP Email1:***	
Pollutant Desc:		***RP Owner:***	FALSE
Petroleum Type:		***RP Operator:***	FALSE
Petrol Type Desc:		***RP Land Owner:***	FALSE
COMM:	C	***Lur Status:***	
COMM Desc:	COMMERCIAL	***LUR Filed:***	
Regulated Code:	R	***LUR Resc:***	
Reg Code Desc:	REGULATED	***LUR State:***	
Notice Rg Rq Issd:		***GPS Conf:***	99
Notice Violtn Issd:		***RBCA GW:***	
Contamination:		***RBCA GW Desc:***	
Cleanup:		***RBCA:***	
Conf Risk:	L	***RBCA Desc:***	
Risk:		***CD No:***	0
Land Use:		***Reel No:***	0
Land Use Desc:		***ERR CD:***	
Phase Reqrd:		***Valid:***	FALSE
Intrmdt Cndition:		***Cat Code:***	
Corr Act Plan Cd:		***HCS Res:***	
CAP Desc:		***Reliability:***	
Clos Reqsd:		***Supply Well:***	0
MTBE:		***New Source:***	
MTBE 1:	U	***Book:***	
RP Company:		***Page:***	
HCS Ref:			
Comment:			

Site: ***Beasley Stallings Partnership***
North Market Street Wilmington NC

LUST TRUST

Incident No:	5810
Facility ID:	0-001070
Site County:	New Hanover
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Details

Archive Submit No:	NA	***3rd Party Deduct:***	$0.00
CD No:	NA	***Sum 3rd Party Amts:***	$341.00
UST No:	WI-848	***Deduct Determine:***	0
Priority Rank:	H	***Deductible Amount:***	$50,000.00
Priority Rank Desc:	High risk	***Deductible Reason1:***	
Site Eligible?:	Yes	***Deductible Reason2:***	
% Commercial Fund:	1.0	***Inel App:***	
Reimbursement Form:	Yes		
Site Note:			

Site:
Princess Place Dr. Wilmington, NC NC

SPILLS

Incident No:	1762	***Region:***	Wilmington
Latitude:		***County:***	New Hanover
Longitude:			

Incident Details

Permit No:
Incident Type:
Start Date: 9/21/1999
Extract Date:
Five Day Start Dt:
Owner:
Owner Organztn Nm:
Waterbody Name:
Force Main Length Miles:
Gravity Sewer Length Miles:
Permitted Flow Qty Gpd:
Pressure Sewer Length Miles:
Category:

Year: 2016
Est Total Vol:
Est Surface Wtr Vol:
Cur Classification:
Duration (Minutes):
User Last Updated:

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13 and E1527-21, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

Formerly Utilized Sites Remedial Action Program: DOE FUSRAP

The U.S. Department of Energy (DOE) established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

Government Publication Date: Mar 4, 2017

National Priority List: NPL

Sites on the United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Nov 3, 2022

National Priority List - Proposed: PROPOSED NPL

Sites proposed by the United States Environmental Protection Agency (EPA), the state agency, or concerned citizens for addition to the National Priorities List (NPL) due to contamination by hazardous waste and identified by the EPA as a candidate for cleanup because it poses a risk to human health and/or the environment. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Nov 3, 2022

Deleted NPL: DELETED NPL

Sites deleted from the United States Environmental Protection Agency (EPA)'s National Priorities List. The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Nov 3, 2022

SEMS List 8R Active Site Inventory: SEMS

The U.S. Environmental Protection Agency's (EPA) Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. 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. This data includes SEMS sites from the List 8R Active file as well as applicable sites from the SEMS GIS/REST file layer obtained from EPA's Facility Registry Service.

Government Publication Date: Jan 25, 2023

Inventory of Open Dumps, June 1985: ODI

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

SEMS List 8R Archive Sites: SEMS ARCHIVE

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) 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. This data includes sites from the List 8R Archived site file.

Government Publication Date: Jan 25, 2023

Comprehensive Environmental Response, Compensation and Liability Information System - CERCLIS: CERCLIS

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

EPA Report on the Status of Open Dumps on Indian Lands: IODI

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

CERCLIS - No Further Remedial Action Planned: CERCLIS NFRAP

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. The Archive designation means that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Government Publication Date: Oct 25, 2013

CERCLIS Liens: CERCLIS LIENS

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA). This database was provided by the United States Environmental Protection Agency (EPA). Refer to SEMS LIEN as the current data source for Superfund Liens.

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action: RCRA CORRACTS

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Jan 23, 2023

RCRA non-CORRACTS TSD Facilities: RCRA TSD

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by RCRA.

Government Publication Date: Jan 23, 2023

RCRA Generator List: RCRA LQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Jan 23, 2023

RCRA Small Quantity Generators List: RCRA SQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

Government Publication Date: Jan 23, 2023

RCRA Very Small Quantity Generators List: RCRA VSQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Very Small Quantity Generators (VSQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

Government Publication Date: Jan 23, 2023

RCRA Non-Generators: RCRA NON GEN

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Jan 23, 2023

RCRA Sites with Controls: RCRA CONTROLS

List of Resource Conservation and Recovery Act (RCRA) facilities with institutional controls in place. RCRA gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances.

Government Publication Date: Jan 23, 2023

Federal Engineering Controls-ECs: FED ENG

This list of Engineering controls (ECs) is provided by the United States Environmental Protection Agency (EPA). ECs encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. The EC listing includes remedy component data from Superfund decision documents issued in fiscal years 1982-2020 for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Dec 22, 2022

Federal Institutional Controls- ICs: FED INST

This list of Institutional controls (ICs) is provided by the United States Environmental Protection Agency (EPA). ICs are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site. The IC listing includes remedy component data from Superfund decision documents issued in fiscal years 1982-2020 for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Dec 22, 2022

Land Use Control Information System: LUCIS

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

Government Publication Date: Sep 1, 2006

Institutional Control Boundaries at NPL sites: NPL IC

Boundaries of Institutional Control areas at sites on the United States Environmental Protection Agency (EPA)'s National Priorities List, or Proposed or Deleted, made available by the EPA's Shared Enterprise Geodata and Services (SEGS). United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. Institutional controls are non-engineered instruments such as administrative and legal controls that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy.

Government Publication Date: Nov 3, 2022

Emergency Response Notification System: ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System: ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System: ERNS

Database of oil and hazardous substances spill reports made available by the United States Coast Guard National Response Center (NRC). The NRC fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. These data contain initial incident data that has not been validated or investigated by a federal/state response agency.

Government Publication Date: Nov 6, 2022

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database: FED BROWNFIELDS

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This data is provided by the United States Environmental Protection Agency (EPA) and includes Brownfield sites from the Cleanups in My Community (CIMC) web application.

Government Publication Date: Sep 13, 2022

FEMA Underground Storage Tank Listing: FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: Dec 31, 2017

Facility Response Plan: FRP

List of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: Dec 31, 2021

Delisted Facility Response Plans: DELISTED FRP

Facilities that once appeared in - and have since been removed from - the list of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: Dec 31, 2021

Historical Gas Stations: HIST GAS STATIONS

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

Government Publication Date: Jul 1, 1930

Petroleum Refineries: REFN

List of petroleum refineries from the U.S. Energy Information Administration (EIA) Refinery Capacity Report. Includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U.S. possessions. Survey locations adjusted using public data.

Government Publication Date: Aug 30, 2022

Petroleum Product and Crude Oil Rail Terminals: BULK TERMINAL

List of petroleum product and crude oil rail terminals made available by the U.S. Energy Information Administration (EIA). Includes operable bulk petroleum product terminals located in the 50 States and the District of Columbia with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil that were active between 2017 and 2018. Petroleum product terminals comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings. Survey locations adjusted using public data.

Government Publication Date: Jun 29, 2022

LIEN on Property: SEMS LIEN

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) provides Lien details on applicable properties, such as the Superfund lien on property activity, the lien property information, and the parties associated with the lien.

Government Publication Date: Jan 25, 2023

Superfund Decision Documents: SUPERFUND ROD

This database contains a list of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include completed Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD) for active and archived sites stored in the Superfund Enterprise Management System (SEMS), along with other associated memos and files. This information is maintained and made available by the U.S. Environmental Protection Agency.

Government Publication Date: Dec 22, 2022

State

Inactive Hazardous Sites and Federal Remediation Branch Sites: SHWS

Sites on the Inactive Hazardous Sites Inventory and Federal Remediation Branch sites made available by the Division of Waste Management in the North Carolina Department of Environmental Quality (DEQ). "Inactive Hazardous Sites" by definition are any areas where a hazardous substance release has come to be located and would include active and inactive facilities and a variety of property types. The term "inactive" refers to the fact that cleanup was inactive at large numbers of sites at the time of program enactment. The Federal Remediation Branch works cooperatively with the US Environmental Protection Agency (EPA) to implement the federal Superfund program under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) as amended.

Government Publication Date: Jan 31, 2023

State Trust Funds Database: LUST TRUST

The Trust Fund Branch administers the Leaking Petroleum Underground Storage Tank Cleanup Funds and Environmental Protection Agency (EPA) grants. The Underground Storage Tank (UST) funds provide reimbursement for costs incurred during the cleanup of soil and groundwater contamination resulting from a release of petroleum from an underground storage tank. Two funds, the Commercial Trust Fund and the Non-Commercial Trust Fund, have been established to reimburse tank owners, operators, and landowners for costs associated with cleanups. This was made available by the Division of Waste Management in the Department of Environmental Quality (DEQ).

Government Publication Date: Feb 17, 2023

Delisted Inactive Hazardous Sites Inventory: DELISTED SHWS

This list is comprised of sites that were once included in the inventory of Inactive Hazardous Sites, but have been removed from the Division of Waste Management in the North Carolina Department of Environmental Quality (DEQ). This database is state equivalent CERCLIS.

Government Publication Date: Jan 31, 2023

Solid Waste Facilities and Landfills: SWF/LF

List of permitted solid waste facilities, landfills, and septage waste sites made available by the Division of Waste Management in the North Carolina Department of Environmental Quality (DEQ).

Government Publication Date: Mar 28, 2022

Old Landfill Inventory: OLD LF

The Old Landfill Inventory, made available by the Division of Waste Management in the North Carolina Department of Environment and Natural Resources (NCDENR), lists locations of non-permitted landfills that were closed prior to January 1, 1983 when waste disposal permitting regulations commenced. Legislation in 2007 (SB1492) resulted in adding new provisions to the Inactive Hazardous Sites Response Act for addressing these landfills. The Old Landfill Inventory is managed by the Pre-Regulatory Landfill Unit within the Inactive Hazardous Sites Branch.

Government Publication Date: Dec 8, 2022

Coal Ash Disposal Sites: COAL ASH LF

The Department of Environmental Quality (DEQ) Division of Waste Management's Solid Waste Program regulates coal combustion residuals (CCR) from coal-fired electric power plants that are disposed of on land in accordance with North Carolina General Statute 130a, which includes the Coal Ash Management Act of 2014 (SL 2014-122 on August 20, 2014). CCRs primarily consist of coal bottom and fly ash, and flue gas desulfurization residuals.

Government Publication Date: Aug 4, 2021

Incident Management Database (Regional Underground Storage Tanks): LUST

List of sites where there has been a release of petroleum to the soil and/or groundwater, from an Underground Storage Tank (UST) system. Data is extracted from the Regional Underground Storage Tank (RUST) database made available by the Division of Waste Management in the North Carolina Department of Environmental Quality (DEQ).

Government Publication Date: Feb 15, 2023

Hazard Substance Disposal Sites: HSDS

A list of Hazard Substance Disposal Sites that are maintained by North Carolina Center for Geographic Information and Analysis. This list monitors the locations of unregulated and uncontrolled hazard waste sites. This list is the state equivalent of National Priority List (NPL).

Government Publication Date: Jan 1, 1999

Aboveground Incident Management Database (Regional Aboveground Storage Tanks): LAST

This list of sites where there has been a discharge of petroleum to the soil and/or groundwater, from a source other than an Underground Storage Tank (UST) system (i.e., Aboveground Storage Tank (AST) system, spills, dumping, etc.) is provided by The Division of Waste Management (DWM) in the North Carolina Department of Environmental Quality (DEQ). The data is compiled from the DEQ's Aboveground Incident Management Database (Regional Aboveground Storage Tanks), Online GIS Data Set, and DWM's Site Locator Map Tool.

Government Publication Date: Jan 6, 2023

Delisted Leaking Storage Tanks: DELISTED LST

List of leaking storage tank sites which were once included, but have since been removed from the Incident Management Databases made available by the North Carolina Department of Environmental Quality (DEQ)'s Division of Waste Management.

Government Publication Date: Feb 15, 2023

Registered Tanks Database: UST

List of registered underground storage tanks made available by the Division of Waste Management in North Carolina's Department of Environmental Quality (DEQ).

Government Publication Date: Jan 11, 2023

Aboveground Storage Tanks: AST

A listing of registered Aboveground Storage Tank sites made available by the North Carolina Department of Environmental Quality (DEQ). Note that aboveground storage tanks are only required to be registered with NC DEQ if they meet the definition of an Oil Terminal Facility.

Government Publication Date: Mar 7, 2023

Petroleum Storage Tanks: TANK

A list of petroleum storage tanks made available by the Division of Waste Management in the North Carolina Department of Environmental Quality (DEQ).

Government Publication Date: Jan 11, 2023

Delisted Storage Tanks: DTNK

List of sites which were once included, but have since been removed from the Underground or Aboveground Storage Tank databases made available by the Division of Waste Management in the North Carolina Department of Environmental Quality (DEQ).

Government Publication Date: Mar 7, 2023

Petroleum Contaminated Soil Remediation Permits: SOIL REM PERMITS

A list of sites that have received a permit or Certificate of Approval from the North Carolina Underground Storage Tank Section, under the Petroleum Contaminated Soil Remediation Permit Program. This list is made available by the North Carolina Department of Environmental Quality (NCDEQ), Division of Waste Management (DWM).

Government Publication Date: Aug 9, 2022

No Further Action Sites with Land Use Restrictions Monitoring: INST

This list of No Further Action Sites with Land Use Restrictions recorded as part of the remedy, originates from the North Carolina Department of Environmental Quality (DEQ), Division of Waste Management's Inactive hazardous Sites data.

Government Publication Date: Jan 31, 2023

Land Use Restriction and/or Notices: LUR

Locations of sites or projects managed by the NCDEQ, Division of Waste Management (DWM) having a Notice and/or Land Use Restrictions recorded at a local register of deeds office. The location data is a combined collection from eight (8) sections or programs operating within the DWM. The Notice and/or Land Use Restrictions are allowed based on the following North Carolina General Statutes: Notice of Open Dump; G.S. §130A-301(f); Notice of Inactive Hazardous Substance or Waste Disposal Site; G.S. §130A-310.8; Notice of Brownfields Property; G.S. §130A-310.35; Notice of Oil or Hazardous Substance Discharge Site; G.S. §143-215.85A; Notice of Dry-Cleaning Solvent Remediation; G.S. §143-215.104M; Notice of Contaminated Site; G.S. §143B-279.10; Notice of Residual Petroleum; G.S. §143B-279.11; Notice of Residual Contamination; G.S. §130A-310.71(e).

Government Publication Date: May 4, 2022

Fuel Service Stations: FUEL STATIONS

List of active fuel service stations made available by the North Carolina Department of Agriculture & Consumer Services (NCDA&CS). The NCDA&CS have responsibilities in regulatory and service areas covering agronomy including weights and measures and gas and oil inspection.

Government Publication Date: Aug 29, 2022

Delisted Fuel Service Stations: DELISTED FSS

A list of Fuel Service Stations that has been delisted from the active fuel service stations list which is made available by the North Carolina Department of Agriculture & Consumer Services (NCDA&CS).

Government Publication Date: Jun 3, 2021

Responsible Party Voluntary Action Sites: VCP

List of Responsible Party Voluntary Action Sites administered by the Inactive Hazardous Sites Branch of the Superfund Section of the North Carolina Department of Environmental Quality (DEQ). This site listing originates from the DEQ's Inactive Hazardous Sites data.

Government Publication Date: Jan 31, 2023

Brownfields Projects Inventory: BROWNFIELDS

A "brownfields site" is an abandoned, idled or underused property where the threat of environmental contamination has hindered redevelopment. The North Carolina Brownfields Program, which is administered by the Division of Waste Management in the North Carolina Department of Environmental Quality (DEQ), is the state's effort to break this barrier to the redevelopment of these sites.

Government Publication Date: Oct 5, 2022

Tribal

Leaking Underground Storage Tanks on Tribal/Indian Lands: INDIAN LUST

This list of leaking underground storage tanks (LUSTs) on Tribal/Indian Lands in Region 4, which includes North Carolina, is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Nov 23, 2022

Underground Storage Tanks on Tribal/Indian Lands: INDIAN UST

This list of underground storage tanks (USTs) on Tribal/Indian Lands in Region 4, which includes North Carolina, is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Nov 23, 2022

Delisted Tribal Leaking Storage Tanks: DELISTED INDIAN LST

Leaking Underground Storage Tank (LUST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian LUST lists made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Nov 23, 2022

Delisted Tribal Underground Storage Tanks: DELISTED INDIAN UST

Underground Storage Tank (UST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian UST lists made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Nov 23, 2022

County

No County standard environmental record sources available for this State.

Additional Environmental Record Sources

Federal

Facility Registry Service/Facility Index: FINDS/FRS

The Facility Registry Service (FRS) is a centrally managed database that identifies facilities, sites, or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, and data collected from EPA's Central Data Exchange registrations and data management personnel. This list is made available by the Environmental Protection Agency (US EPA).

Government Publication Date: Aug 18, 2022

Toxics Release Inventory (TRI) Program: TRIS

The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U. S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

Government Publication Date: Aug 24, 2021

PFOA/PFOS Contaminated Sites: PFAS NPL

List of National Priorities List (NPL) and related Superfund Alternative Agreement (SAA) sites where PFOA or PFOS contaminants have been found in water and/or soil. The site listing is provided by the Federal Environmental Protection Agency (EPA).

Government Publication Date: Dec 28, 2022

Federal Agency Locations with Known or Suspected PFAS Detections: PFAS FED SITES

List of Federal agency locations with known or suspected detections of Per- and Polyfluoroalkyl Substances (PFAS), made available by the U.S. Environmental Protection Agency (EPA) in their PFAS Analytic Tools data. EPA outlines that these data are gathered from several federal entities, such as the Federal Superfund program, Department of Defense (DOD), National Aeronautics and Space Administration, Department of Transportation, and Department of Energy. Sites on this list do not necessarily reflect the source/s of contamination and detections do not indicate level of risk or human exposure at the site. Agricultural notifications in this data are limited to DOD sites only. At this time, the EPA is aware that this list is not comprehensive of all Federal agencies.

Government Publication Date: Jun 30, 2022

SSEHRI PFAS Contamination Sites: PFAS SSEHRI

This PFAS Contamination Site Tracker database is compiled by the Social Science Environmental Health Research Institute (SSEHRI) at Northeastern University. According to the SSEHRI, the database records qualitative and quantitative data from each known site of PFAS contamination, including timeline of discovery, sources, levels, health impacts, community response, and government response. The goal of this database is to compile information and support public understanding of the rapidly unfolding issue of PFAS contamination. All data presented was extracted from government websites, news articles, or publicly available documents, and this is cited in the tracker. Disclaimer: The source conveys this database undergoes regular updates as new information becomes available, some sites may be missing and/or contain information that is incorrect or outdated, as well as their information represents all contamination sites SSEHRI is aware of, not all possible contamination sites. This data is not intended to be used for legal purposes. Limited location details are available with this data. Access the following for the most current informations https://pfasproject.com/pfas-contamination-site-tr acker/

Government Publication Date: Dec 12, 2019

National Response Center PFAS Spills: ERNS PFAS

National Response Center (NRC) calls from 1990 to the most recent complete calendar year where there is indication of Aqueous Film Forming Foam (AFFF) usage. NRC calls may reference AFFF usage in the "Material Involved" or "Incident Description" fields. Data made available by the US Environmental Protection Agency (EPA). Disclaimer: dataset may include initial or misidentified incident data not yet validated or investigated by a federal/state response agency.

Government Publication Date: Feb 23, 2022

PFAS NPDES Discharge Monitoring: PFAS NPDES

This list of National Pollutant Discharge Elimination System (NPDES) permitted facilities with required monitoring for Per- and Polyfluoroalkyl (PFAS) Substances is made available via the U.S. Environmental Protection Agency (EPA)'s PFAS Analytic Tools. Any point-source wastewater discharger to waters of the United States must have a NPDES permit, which defines a set of parameters for pollutants and monitoring to ensure that the discharge does not degrade water quality or impair human health. This list includes NPDES permitted facilities associated with permits that monitor for Per- and Polyfluoroalkyl Substances (PFAS), limited to the years 2007 - present. EPA further advises the following regarding these data: currently, fewer than half of states have required PFAS monitoring for at least one of their permittees, and fewer states have established PFAS effluent limits for permittees. For states that may have required monitoring, some reporting and data transfer issues may exist on a state-by-state basis.

Government Publication Date: Feb 19, 2023

Perfluorinated Alkyl Substances (PFAS) from Toxic Release Inventory: PFAS TRI

List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a Per- or polyfluorinated alkyl substance (PFAS) included in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances. The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment.

Government Publication Date: Aug 24, 2021

Perfluorinated Alkyl Substances (PFAS) Water Quality: PFAS WATER

The Water Quality Portal (WQP) is a cooperative service sponsored by the United States Geological Survey (USGS), the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC). This listing includes records from the Water Quality Portal where the characteristic (environmental measurement) is in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances.

Government Publication Date: Jul 20, 2020

PFAS TSCA Manufacture and Import Facilities: PFAS TSCA

The US Environmental Protection Agency (EPA) issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) requiring facilities that manufacture or import chemical substances to report to EPA. This list is specific to TSCA Manufacture and Import Facilities with reported per- and poly-fluoroalkyl substances (PFAS). Data file made available by the EPA and includes CDR/Inventory Update Reporting data from 1998 up to 2020. EPA makes notes the following about these data: this data file includes production and importation data for chemicals identified in EPA's CompTox Chemicals Dashboard list of PFAS without explicit structures and list of PFAS structures in DSSTox. Note that some regulations have specific chemical structure requirements that define PFAS differently than the lists in EPA's CompTox Chemicals Dashboard. Reporting information on manufactured or imported chemical substance amounts should not be compared between facilities, as some companies claim Chemical Data Reporting Rule data fields for PFAS information as Confidential Business Information.

Government Publication Date: Jun 20, 2022

Hazardous Materials Information Reporting System: HMIRS

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

Government Publication Date: Sep 1, 2020

National Clandestine Drug Labs: NCDL

The U.S. Department of Justice ("the Department"), Drug Enforcement Administration (DEA), provides this data as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy.

Government Publication Date: Aug 30, 2022

Toxic Substances Control Act: TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).

Government Publication Date: Apr 11, 2019

Hist TSCA: HIST TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing: FTTS ADMIN

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing: FTTS INSP

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List: PRP

Early in the site cleanup process, the U.S. Environmental Protection Agency (EPA) conducts a search to find the Potentially Responsible Parties (PRPs). The EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site. This listing contains PRPs, Noticed Parties, at sites in the EPA's Superfund Enterprise Management System (SEMS).

Government Publication Date: Jan 25, 2023

State Coalition for Remediation of Drycleaners Listing: SCRD DRYCLEANER

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin. Since 2017, the SCRD no longer maintains this data, refer to applicable state source data where available.

Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS): ICIS

The U.S. Environmental Protection Agency's Enforcement and Compliance History Online system incorporates data from the Integrated Compliance Information System - National Pollutant Discharge Elimination System (ICIS-NPDES). ICIS-NPDES is an information management system maintained by the Office of Compliance to track permit compliance and enforcement status of facilities regulated by the NPDES under the Clean Water Act. This data includes permit, inspection, violation and enforcement action information for applicable ICIS records.

Government Publication Date: Oct 15, 2022

Drycleaner Facilities: FED DRYCLEANERS

A list of drycleaner facilities from Enforcement and Compliance History Online (ECHO) data as made available by the U.S. Environmental Protection Agency (EPA), sourced from the ECHO Exporter file. The EPA tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

Government Publication Date: Dec 11, 2022

Delisted Drycleaner Facilities: DELISTED FED DRY

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

Government Publication Date: Dec 11, 2022

Formerly Used Defense Sites: FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DOD) is responsible for an environmental restoration. The FUDS Annual Report to Congress (ARC) is published by the U.S. Army Corps of Engineers (USACE). This data is compiled from the USACE's Geospatial FUDS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) FUDS dataset.

Government Publication Date: Jul 12, 2022

Former Military Nike Missile Sites: FORMER NIKE

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites. During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

Government Publication Date: Dec 2, 1984

PHMSA Pipeline Safety Flagged Incidents: PIPELINE INCIDENT

A list of flagged pipeline incidents made available by the U.S. Department of Transportation (US DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA). PHMSA regulations require incident and accident reports for five different pipeline system types.

Government Publication Date: Mar 31, 2021

Material Licensing Tracking System (MLTS): MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

Government Publication Date: May 11, 2021

Historic Material Licensing Tracking System (MLTS) sites: HIST MLTS

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

Government Publication Date: Jan 31, 2010

Mines Master Index File: MINES

The Master Index File (MIF) is provided by the United State Department of Labor, Mine Safety and Health Administration (MSHA). This file, which was originally created in the 1970's, contained many Mine-IDs that were invalid. MSHA removes invalid IDs from the MIF upon discovery. MSHA applicable data includes the following: all Coal and Metal/Non-Metal mines under MSHA's jurisdiction since 1/1/1970; mine addresses for all mines in the database except for Abandoned mines prior to 1998 from MSHA's legacy system (addresses may or may not correspond with the physical location of the mine itself); violations that have been assessed penalties as a result of MSHA inspections beginning on 1/1/2000; and violations issued as a result of MSHA inspections conducted beginning on 1/1/2000.

Government Publication Date: Nov 7, 2022

Surface Mining Control and Reclamation Act Sites: SMCRA

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

Government Publication Date: Aug 18, 2022

Mineral Resource Data System: MRDS

The Mineral Resource Data System (MRDS) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS. The USGS has ceased systematic updates of the MRDS database with their focus more recently on deposits of critical minerals while providing a well-documented baseline of historical mine locations from USGS topographic maps.

Government Publication Date: Mar 15, 2016

DOE Legacy Management Sites: LM SITES

The U.S. Department of Energy (DOE) Office of Legacy Management (LM) currently manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The LM manages sites with diverse regulatory drivers (statutes or programs that direct cleanup and management requirements at DOE sites) or as part of internal DOE or congressionally-recognized programs, such as but not limited to: Formerly Utilized Sites Remedial Action Program (FUSRAP), Uranium Mill Tailings Radiation Control Act (UMTRCA Title I, Tile II), Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Resource Conservation and Recovery Act (RCRA), Decontamination and Decommissioning (D&D), Nuclear Waste Policy Act (NWPA). This site listing includes data exported from the DOE Office of LM's Geospatial Environmental Mapping System (GEMS). GEMS Data disclaimer: The DOE Office of LM makes no representation or warranty, expressed or implied, regarding the use, accuracy, availability, or completeness of the data presented herein.

Government Publication Date: Dec 1, 2022

Alternative Fueling Stations: ALT FUELS

This list of alternative fueling stations is sourced from the Alternative Fuels Data Center (AFDC). The U.S. Department of Energy's Office of Energy Efficiency & Renewable Energy launched the AFDC in 1991 as a repository for alternative fuel vehicle performance data, which provides a wealth of information and data on alternative and renewable fuels, advanced vehicles, fuel-saving strategies, and emerging transportation technologies. The data includes Biodiesel (B20 and above), Compressed Natural Gas (CNG), Electric, Ethanol (E85), Hydrogen, Liquefied Natural Gas (LNG), Propane (LPG) fuel type locations.

Government Publication Date: Jan 3, 2023

Superfunds Consent Decrees: CONSENT DECREES

This list of Superfund consent decrees is provided by the Department of Justice, Environment & Natural Resources Division (ENRD) through a Freedom of Information Act (FOIA) applicable file. This listing includes Consent Decrees for CERCLA or Superfund Sites filed and/or as proposed within the ENRD's Case Management System (CMS) since 2010. CMS may not reflect the latest developments in a case nor can the agency guarantee the accuracy of the data. ENRD Disclaimer: Congress excluded three discrete categories of law enforcement and national security records from the requirements of the FOIA; response is limited to those records that are subject to the requirements of the FOIA; however, this should not be taken as an indication that excluded records do, or do not, exist.

Government Publication Date: Jan 11, 2023

Air Facility System: AFS

This EPA retired Air Facility System (AFS) dataset contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners. AFS does not contain data on facilities that are solely asbestos demolition and/or renovation contractors, or landfills. ECHO Clean Air Act data from AFS are frozen and reflect data as of October 17, 2014; the EPA retired this system for Clean Air Act stationary sources and transitioned to ICIS-Air.

Government Publication Date: Oct 17, 2014

Registered Pesticide Establishments: SSTS

List of active EPA-registered foreign and domestic pesticide-producing and device-producing establishments based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that facilities producing pesticides, active ingredients, or devices be registered. The list of establishments is made available by the EPA.

Government Publication Date: Mar 30, 2022

Polychlorinated Biphenyl (PCB) Transformers: PCBT

Locations of Transformers Containing Polychlorinated Biphenyls (PCBs) registered with the United States Environmental Protection Agency. PCB transformer owners must register their transformer(s) with EPA. Although not required, PCB transformer owners who have removed and properly disposed of a registered PCB transformer may notify EPA to have their PCB transformer de-registered. Data made available by EPA.
Government Publication Date: Oct 15, 2019

Polychlorinated Biphenyl (PCB) Notifiers: PCB
Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.
Government Publication Date: Nov 3, 2022

State

Dry Cleaning Contamination and Solvent Cleanup Act (DSCA) Program: DRYC DSCA
List of Dry Cleaning sites known to the Division of Waste Management in the Department of Environmental Quality (DEQ), including: sites that have been certified into the Dry-Cleaning Solvent Cleanup Act Program (DSCA) Program; sites that are being investigated by the DSCA Program for dry-cleaning solvent contamination; sites that have been investigated and determined not to have been contaminated by dry-cleaning solvent contamination. Made available by the North Carolina Department of Environmental Quality.
Government Publication Date: Dec 16, 2021

Drycleaning Historical Boiler Inspections: DRYC HIST BOILER
North Carolina Department of Labor drycleaner boiler inspections between the years of 1970 and 2005. Made available by the North Carolina Department of Environmental Quality in their Online GIS, for visual reference of possible historical dry-cleaning activity.
Government Publication Date: Dec 6, 2021

Drycleaning City Directories: DRYC CITY DIR
Names and address of dry-cleaning businesses collected from historical city directories, made available by the North Carolina Department of Environmental Quality.
Government Publication Date: Dec 6, 2021

Dry Cleaning Facilities: DRYCLEANERS
A list of dry cleaners made available by the North Carolina Department of Environmental Quality (DEQ), Division of Waste Management. This listing includes active and inactive facilities that are subject to compliance inspections and also closed facilities that are no longer subject to compliance inspections.
Government Publication Date: Apr 27, 2022

Delisted Dry Cleaning Facilities: DELISTED DRYCLEANERS
List of dry cleaner locations which were once included, but no longer appear on, the list of dry cleaner locations made available by the Division of the Waste Management of North Carolina Department of Environmental Quality (DEQ).
Government Publication Date: Apr 27, 2022

Incident Management Database (Spills): SPILLS
The Incident Management Database (IMD) tracks spills, hazardous material releases, sanitary sewer overflows and wastewater treatment plant bypasses. This database is managed by the Pretreatment, Emergency Response and Collection Systems (PERCS) unit of the Department of Environmental Quality (DEQ).
Government Publication Date: Oct 28, 2021

Manufactured Gas Plant (MGP) Sites: MGP
A list of Manufactured Gas Plant (MGP) sites participating in the MGP Assessment and Remediation Program as described in the Administrative Order on Consent 00-SF-192. This list is made available by the North Carolina Environmental Quality (NCDEQ) Division of Waste Management.
Government Publication Date: Dec 12, 2019

Per- and Polyfluoroalkyl Substances (PFAS): PFAS
A list of sites where Per- and Polyfluoroalkyl Substances (PFAS) has been identified, made available by the North Carolina Department of Environment Quality.
Government Publication Date: Aug 27, 2020

Recycling Markets Directory: SWRCY

List of recycling facilities made available by the Division of Environmental Assistance and Customer Service (DEACS) of the NC Department of Environmental Quality. Information is based on data supplied by the listed organizations to DEACS. DEACS is a non-regulatory state agency, does not regularly inspect facilities, and does not represent that the companies are, or are not, in compliance with applicable federal, state and local laws.

Government Publication Date: Feb 28, 2023

Hazardous Waste Sites: HAZ

A list of sites within North Carolina that are regulated by the hazardous waste portions of the Resource Conservation and Recovery Act (RCRA). This list is provided by the North Carolina Department of Environmental Quality (NC DEQ), Division of Waste Management.

Government Publication Date: Aug 9, 2022

Permitted Septage Sites: SDTF

List of active and permitted Septage Detention and Treatment Facility (SDTF) sites in North Carolina, made available by the North Carolina Department of Environmental Quality.

Government Publication Date: Sep 21, 2018

Tier 2 Report: TIER 2

A list of Tier 2 facilities in North Carolina. This list is made available by the North Carolina Department of Environmental Quality (NC DEQ).

Government Publication Date: Oct 30, 2020

Underground Injection Control Wells: UIC

This list of Underground Injection Control Wells is made available by the North Carolina Department of Environment and Natural Resources.

Government Publication Date: Oct 26, 2020

Air Permitted Facilities: AIR PERMIT

This list of facilities with air quality permits is made available by the Air Quality Division of the North Carolina Department of Environment and Natural Resources.

Government Publication Date: Jul 21, 2020

Animal Feeding Operation Permits: FEEDLOTS

This list of animal feeding operation permits is made available by the Water Quality Division of the North Carolina Department of Environment and Natural Resources.

Government Publication Date: Oct 26, 2022

Tribal

No Tribal additional environmental record sources available for this State.

County

No County additional environmental record sources available for this State.

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.



JENNIFER H. MACNEISH
REGISTER OF DEEDS, NEW HANOVER
216 NORTH SECOND STREET

WILMINGTON, NC 28401

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Filed For Registration:	**04/21/2010 12:55:36 PM**
Book:	**RE 5480 Page: 1903-1905**
Document No.:	**2010010629**
	3 PGS $17.00
NS:	**$25.00**
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State of North Carolina, County of New Hanover

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NCDENR- MAIL
1637 MAIL SERVICE CTR
RALEIGH NC 27699

FOR REGISTRATION REGISTER OF DEEDS
JENNIFER H MACNEISH
NEW HANOVER COUNTY, NC
2010 APR 21 12:55:36 PM
BK:5480 PG:1903-1905 FEE:$17.00
NS:$25.00
INSTRUMENT # 2010010629

NOTICE OF RESIDUAL PETROLEUM

Creekwood Mini Mart, New Hanover County, North Carolina UST Trust Fund Incident No. 18694, 3002 Princess Place Drive, Wilmington, New Hanover County Tax ID No. *R04913-018-001-000.*

The property that is the subject of this Notice (hereinafter referred to as the "Site") contains residual petroleum and is an Underground Storage Tank (UST) incident under North Carolina's Statutes and Regulations, which consist of N.C.G.S 143-215.94 and regulations adopted thereunder. This Notice is part of a remedial action for the site that has been approved by the Secretary (or his/her delegate) of the North Carolina Department of Environment and Natural Resources (or its successor in function), as authorized by N.C.G.S. Section 143B-279.9 and 143B-279.11. The North Carolina Department of Environment and Natural Resources shall hereinafter be referred to as "DENR".

NOTICE

Petroleum product was released and or discharged at the Site. **Petroleum constituents remains on the site, but are not a danger to public health and the environment, provided that the restrictions described herein, and any other measures required by DENR pursuant to N.C.G.S. Sections 143B- 279.9 and 143B279.11, are strictly complied with.** This "Notice of Residual Petroleum" is composed of a description of the property, the location of the residual petroleum and the land use restrictions on the Site. The Notice has been approved and notarized by DENR pursuant to N.C.G.S. Sections 143B-279.9 and 143B-279.11 and has/shall be recorded at the New Hanover County Register of Deeds' office as **stamped above**.

Prince Investments. LLC is the owner of all or a portion of the site, which is located in the County of New Hanover, State of North Carolina, and is known and legally described as:

The following description of the subject real property was taken from the New Hanover County (NC) Registry Book 5164, Pages 1121-1124:

All that certain tract or parcel of land lying and being situate in the County of New Hanover, North Carolina, and being more particularly described as follows:

BEGINNING at the intersection of the eastern line of 30th Street (formerly Pauline Avenue) with the southern line of Princess Place Drive, running thence from said point of beginning South 89 degrees 16 minutes East with and along the southern line of Princess Place Drive 120 feet; thence South 3 degrees 1 minute West 135 feet; thence North 89 degrees 16 minutes West 120 feet to a point in the Eastern line of 30th Street; thence North 3 degrees 1 minute East with and along the Eastern line of 30th Street 135 feet to the point of beginning.

The subject real property is also known as New Hanover County Tax ID No. R04913-018-001-000.

For protection of public health and the environment, the following land use restriction by N.C.G.S. Section 143B-279.9(b) shall apply to all of the above-described real property. These restrictions shall continue in effect as long as residual petroleum remains on the site in excess of unrestricted use standards and cannot be amended or cancelled unless and until the New Hanover County Register of Deeds receives and records the written concurrence of the Secretary (or his/her delegate) of DENR (or its successor in function).

PERPETUAL LAND USE RESTRICTIONS

Groundwater: Groundwater from the site is prohibited from use as a water supply. Water supply wells of any kind shall not be installed or operated on the site until the residual groundwater contamination can be shown to be within North Carolina Groundwater Standards

ENFORCEMENT

The above land use restriction(s) shall be enforced by owner, operator, or other party responsible for the site. The above land use restriction(s) may also be enforced by DENR through any of the remedies provided by law or by means of a civil action, and may also, be enforced by any unit of local government having jurisdiction over any part of the site. Any attempt to cancel this Notice without the approval of DENR (or its successor in

function) shall be subject to enforcement by DENR to the full extent of the law. Failure by any party required or authorized to enforce any of the above restriction(s) shall in no event be deemed a waiver of the right to do so thereafter as to the same violation or as to one occurring prior or subsequent thereto.

IN WITNESS WHEREOF, George C. Matthis Jr. has caused this Notice to be executed pursuant to N.C.G.S. Sections 143B-279.9 and 143B-279.11, this 3rd day of March, 2010.

By: George C. Matthis, Jr.
Signature of Delegated DENR Representative

Head of Trust Fund Branch/Underground Storage Tank Section
Title of the above Party

Signatory's name typed or printed: George C. Matthis Jr.

NORTH CAROLINA

WAKE COUNTY

I, Leann D. Ishak, a Notary public certify that George C. Matthis Jr, personally came before me this day and acknowledged that he is the Trust Fund Branch Head, UST Section of NC Department of Environment and Natural Resources and that he as Trust Fund Branch Head being authorized to do so, executed the foregoing on behalf of NC Department of Environment and Natural Resources.

WITNESS my hand and official seal, this 3rd day of March, 2010.
(Official Seal)

LEANN D. ISHAK
NOTARY PUBLIC
WAKE COUNTY, N.C.
My Commission Expires 4-24-2012

Leann D. Ishak
Leann D. Ishak
Notary

My commission expires 4/24/2012.

This instrument prepared by Joshua C. Brainerd
UST Section

Mail after recording to:
Joshua C. Brainerd
1637 Mail Service Center
Raleigh, NC 27699-1637

Schnabel ENGINEERING

January 28, 2010

Joshua Brainerd
Division of Waste Management
NCDENR
1637 Mail Service Center
Raleigh, NC 27699-1637

Subject: **Project 05190081.00, Phase I Limited Site Assessment, Creekwood Mini Mart, NCDENR Incident #18694, 3002 Princess Place Dr., Wilmington, New Hanover County, North Carolina**

Dear Mr. Brainerd:

SCHNABEL ENGINEERING SOUTH, PC (Schnabel) has provided professional review services for the work performed by Force Environmental Service Company, LLC during this Phase 1 Limited Site Assessment performed at the referenced site. Our guidance and recommendations have been incorporated into the work performed for this investigation.

If you have any questions, please feel free to give us a call at 803-796-6240 or send us an e-mail at gkuntz@schnabel-eng.com.

NORTH CAROLINA LICENSED SEAL 1203 GEOLOGIST GREGORY B. KUNTZ

Sincerely,

SCHNABEL ENGINEERING SOUTH, PC

Gregory B. Kuntz

Gregory B. Kuntz, P.G.
Senior Associate

GK:RK

cc: Greg Force – Force Environmental Service Company

Force Environmental Service Company, LLC
147 Vera Road Suite F, Lexington, South Carolina 29072 (803) 359-3200 (803) 359-6682 fax

January 28, 2010

Joshua Brainerd
Division of Waste Management
NCDENR
1637 Mail Service Center
Raleigh, NC 27699-1637

Re: Creekwood Mini Mart; NCDENR Incident #18694; New Hanover County
3002 Princess Place Dr., Wilmington, North Carolina

Dear Mr. Brainerd:

Force Environmental Service Company, LLC is pleased to submit the results of the Phase I Limited Site Assessment (LSA) performed at Creekwood Mini Mart located at 3002 Princess Place Dr., in Wilmington, New Hanover County County, North Carolina (NC).

Site History

In 1996, NCDENR investigated claims by local residents that abandoned underground storage tanks (USTs) remained in the ground at the site. Three soil borings were installed onsite and soil samples were collected. Upon analysis the results indicated that both a diesel and gasoline release had occurred at the site.

In 1998, Withers and Ravenel identified four-4,000 gallon USTs at the site. The tanks were checked for free product and Tank 1 was found to contain 0.6 inches of free product. Withers and Ravenel pumped fluid out of the USTs. Withers and Ravenel recommended that the USTs and associated piping and dispensers be removed.

On January 4, 2006, ATC Associates of North Carolina removed four-4,000 gallon gasoline USTs along with 132.64 tons of impacted soil from the site. The soil was temporarily stock piled onsite. Approximately 623 gallons of residual liquid were removed from the USTs. The USTs were buried 2-feet below ground surface (ft bgs). After the tanks were removed soil samples were collected from the sidewalls of the excavation (TP-1 through TP-12), beneath the dispensers (D-1 through D-3), and beneath the product lines (L-1) using a backhoe. The final depth of the tank basin was approximately 9-ft bgs. Concentrations above the NCDENR action level of 10 mg/kg for Total Petroleum Hydrocarbons (TPH) were detected in sidewall samples TP-11 and TP-12 and the stock pile samples.

Force Environmental Service Company performed a Phase I Limited Site Assessment (LSA) on January 12, 2010 to evaluate the impact of the suspected petroleum release to the soil and groundwater in the immediate vicinity of the former USTs.

Soil Boring Advancement and Monitoring Well Installation

On January 12, 2010, one soil boring was advanced to a depth of 15-feet below ground surface (ft bgs) at the subject site. The soil boring was installed to the west of the former tank basin where the four-4,000 gallon gasoline underground storage tanks (UST) were located. The boring was installed in the area where the previous "worst case" soil sample TP-12 was collected. The boring was advanced using hollow stem augers and a soil sample was collected at 5-ft bgs using a decontaminated split spoon. The soil at 10-ft bgs was saturated with groundwater and was not sampled.

A shallow monitoring well (MW-1) was installed in the soil boring at a depth of 15-ft bgs. The monitoring well was constructed with 10-feet of two-inch diameter 0.010-inch slot Schedule-40 PVC screen and 5-feet of two-inch diameter Schedule-40 PVC casing. Uniform filter pack sand was installed in the annular space around the well screen to a height of one foot above the top of the screen. The remainder of the annular space was filled with a hydrated bentonite plug and neat Portland cement grout. The monitoring well was completed flush with surface grade inside of an eight-inch diameter steel manhole with a bolt down lid, an identification tag, and sealed with an expandable cap and lock. The location of the soil boring and monitoring well are shown on Figure 2 in Appendix A. The Soil Boring Log and Well Construction Records are included at the end of this report in Appendix B and Appendix C.

Table 1: Monitoring Well and Groundwater Data

Monitoring Well Number	Total Depth (feet)	Screen Interval (feet bgs)	TOC Elevation (feet)*	Depth to Water (ft btoc)	Depth to Product (feet)	GW Elevation (feet)
MW-1	15	5 to 15	100.00	6.12	NA	93.88

Site Receptor Survey

A site receptor survey was conducted on January 12, 2010. The objective of the survey was to identify, within a 1,500-foot radius of the site, any pathways or points at which the potential exists for persons or other living organisms, structures, utilities, surface water, sensitive habitats, or water supply wells (WSWs), to be exposed to petroleum contamination. A topographic map is included as Figure 1 in Appendix A. The adjacent property owners and occupants are identified in Appendix D and depicted in Figure 3. Photographs of the site are included in Appendix G.

The site is currently being used as a convenience store and is located in a residential/commercial area at 3002 Princess Place Dr., in Wilmington, NC. The site is located within the Smith Creek watershed. The site is bordered to the north by Princess Place Dr. beyond which is a vacant, undeveloped lot. The site is bordered to the west by 30th Street beyond which is a residential property. The site is bordered to the south and east by residential properties.

To effectively identify potential receptors, the 500-feet radius around the site was walked, while the remaining 1,000-feet radius was driven. No water supply wells (WSWs) were identified within 1,500-feet of the site. Municipal water is available to the site and to all of the surrounding properties. Five churches are located within 1,500-feet of the site: Ebenezer Baptist

Church located at 2927 Princess Place Dr.; Union Missionary Baptist located at 2711 Princess Place Dr.; Wilmington First Pentecostal Holiness located at the corner of Chestnut and 29th Street; Praise and Deliverance located at 3601 Princess Place Dr.; and Macedonia Missionary Baptist located at 3701 Princess Place Drive.

Assessment Results: Soil

On January 12, 2010, soil boring MW-1 was advanced to a depth of 15-ft bgs using hollow stem augers. A soil sample was collected with a decontaminated split spoon at 5-ft bgs. The soil sample was placed in laboratory supplied containers, stored on ice in a cooler, and sent to a NC certified laboratory. The sample from MW-1 @ 5' was analyzed for volatile organic compounds by Environmental Protection Agency (EPA) Method 8260 and VPH (Volatile Petroleum Hydrocarbons) by the Massachusetts Department of Environmental Protection (MADEP) Method. The analytical results for the soil samples are tabulated in Table 2 and the analytical data sheets are attached in Appendix F. The attached Soil Boring Log in Appendix B documents the borehole lithology and field screening results.

Table 2: Soil Analytical Results

CoC (mg/kg)	Soil to Water MCC (mg/kg)	Residential Soil Cleanup Levels (mg/kg)	Industrial/ Commercial Soil Cleanup Levels (mg/kg)	MW-1 @ 5' (mg/kg)
Date Sampled	-		-	1/12/10
MADEP VPH				
Aliphatic (C05-C08)	72	939	24,528	<1.83
Aliphatic(C09-C12)	3,300	9386	245,280	88.6
Aromatic (C09-C10)	34	469	12,264	80
EPA Method 8260				
Benzene	0.0056	18	164	<0.0005
Toluene	7.3	3200	82,000	0.016
Ethylbenzene	4.6	1560	40,000	0.054J
Xylene (Total)	5	3129	81,760	0.4
EDB	0.000002	0.0075	0.067	<0.0009
MTBE	0.92	213	1,908	<0.0007
IPE	0.37	156	4088	<0.0013
Naphthalene	0.58	313	8,176	0.25J
n-Butylbenzene	4.3	626	16,350	<0.0009
sec-Butylbenzene	3.3	626	16,350	<0.0007
Isopropylbenzene	1.7	1564	40,880	0.2
p-Isopropyltoluene	NA	NA	NA	0.11J
n-Propylbenzene	1.7	626	16,350	0.077J
1,2,4-Trimethylbenzene	7.5	782	20,440	0.61
1,3,5-Trimethylbenzene	7.3	782	20,440	0.71

*NA= Not Applicable *J is an estimated value

Assessment Results: Groundwater

Monitoring well MW-1 was sampled on January 12, 2010. Prior to collecting the groundwater sample, the monitoring well was gauged to determine the static water level in the well and purged by removing three well volumes of water using a disposable bailer. Temperature, pH, specific conductivity, and turbidity readings were collected until three consecutive readings were within 10% of one another to ensure that groundwater representative of the aquifer was being developed from the well. The groundwater samples collected from monitoring well MW-1 were analyzed by a North Carolina certified laboratory for volatile organic compounds by Standard Method 6200B with oxygenates, VPH by the MADEP Method, and lead by EPA Method 200.7 after being prepared by Standard Method 3030C. The analytical results are summarized in Table 3. Constituents detected above NCDENR 2L Groundwater Quality Standards are indicated in bold type. The groundwater measurements are included in Appendix H. The analytical data results and chain of custody documentation are included in Appendix F.

Table 3: Groundwater Analytical Results

CoC (mg/kg)	NC 2L Standards (ug/L)	Gross Contamination Levels for Groundwater (GCL) (ug/L)	MW-1
Date Sampled	**N/A**	**NA**	**1/12/10**
Standard Method 6200B			
Benzene	**1.0**	**5,000**	**53.9**
1,2-Dichloroethane	**0.38**	**380**	**<1.69**
Diisopropyl ether	**70**	**NA**	**<5**
Ethylbenzene	**550**	**84,500**	**9820**
Isopropylbenzene	**70**	**25,000**	**474**
p-Isopropyltoluene	**NA**	**NA**	**53.5**
MTBE	**200**	**200,000**	**<1.30**
Naphthalene	**21**	**15,500**	**1670**
n-Propylbenzene	**70**	**30,000**	**878**
Toluene	**1000**	**257,500**	**5360**
1,2,4-Trimethylbenzene	**350**	**28,500**	**5670**
1,3,5-Trimethylbenzene	**350**	**25,000**	**1390**
Total Xylenes	**530**	**87,500**	**41400**
Ethyl tert-butyl alcohol	**NA**	**NA**	**140**
Lead EPA Method 200.7			
Lead	**15**	**15,000**	**0.033**
MADEP VPH			
	GWQS		
Aliphatic (C05-C08)	**420**		**17000**
Aliphatic (C09-C12)	**4,200**		**93000**
Aromatic (C09-C10)	**210**		**12100**

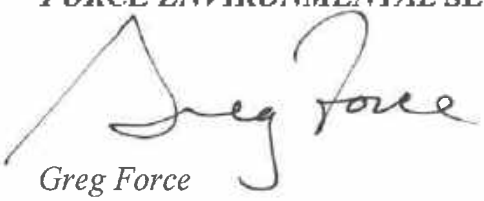
NA = Not Available

Recommendations

Since no petroleum constituents were detected at concentrations greater than the Gross Contamination Levels for Groundwater and no active potable water supply wells are located within a 1,500 foot radius, in accordance with NCDENR guidance this site is a candidate for closure if a Notice of Residual Petroleum (NRP) is filed with the New Hanover County Register of Deeds.

Thank you for your assistance with this project. The site map, CoC map, groundwater measurements, analytical results, well logs, photographs of the site, and field data sheets are attached for your review. If you have any questions or require additional information, please contact our office toll free at 877-700-9012.

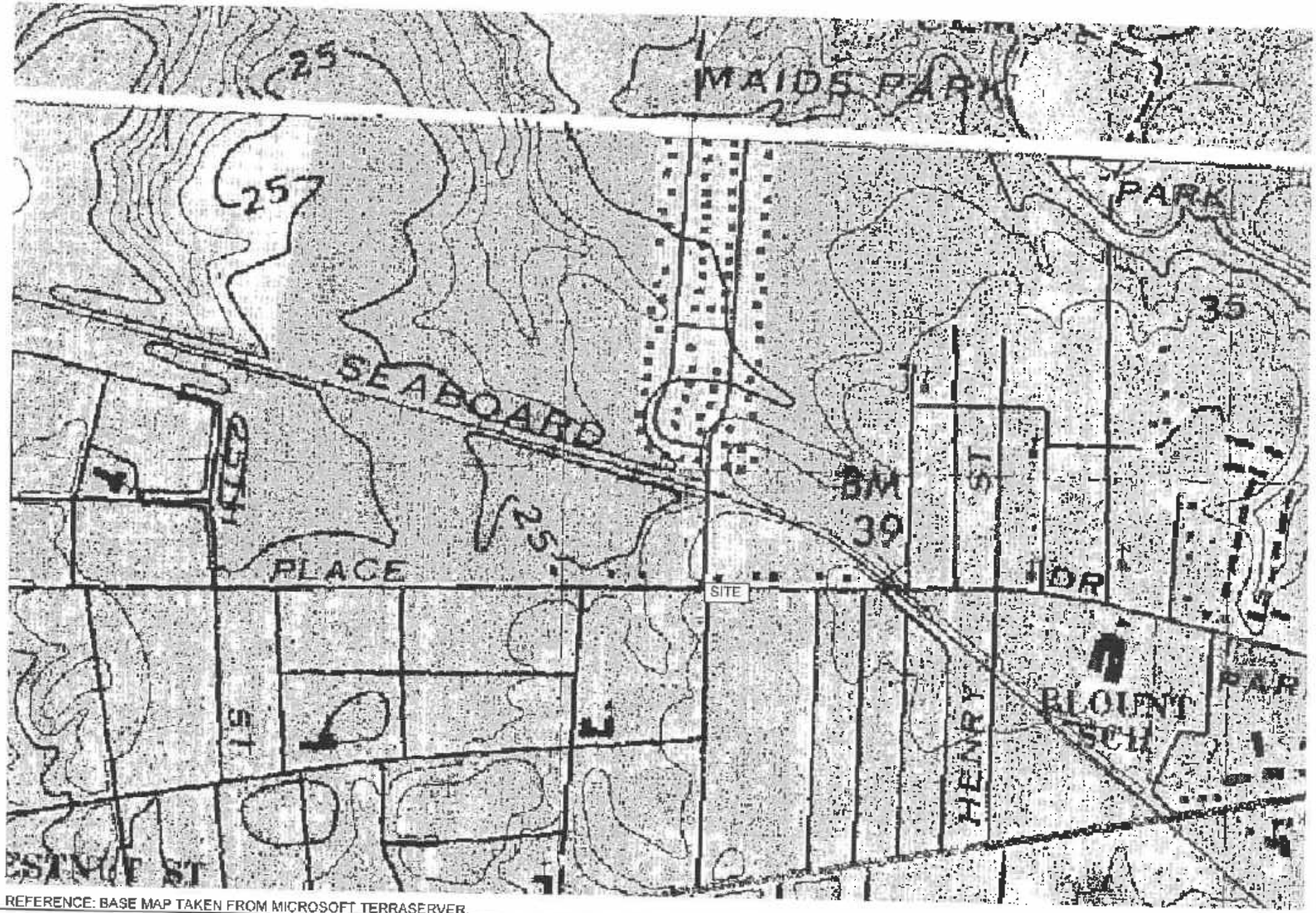
Sincerely,
FORCE ENVIRONMENTAL SERVICE COMPANY, LLC



Greg Force

APPENDIX A

MAPS

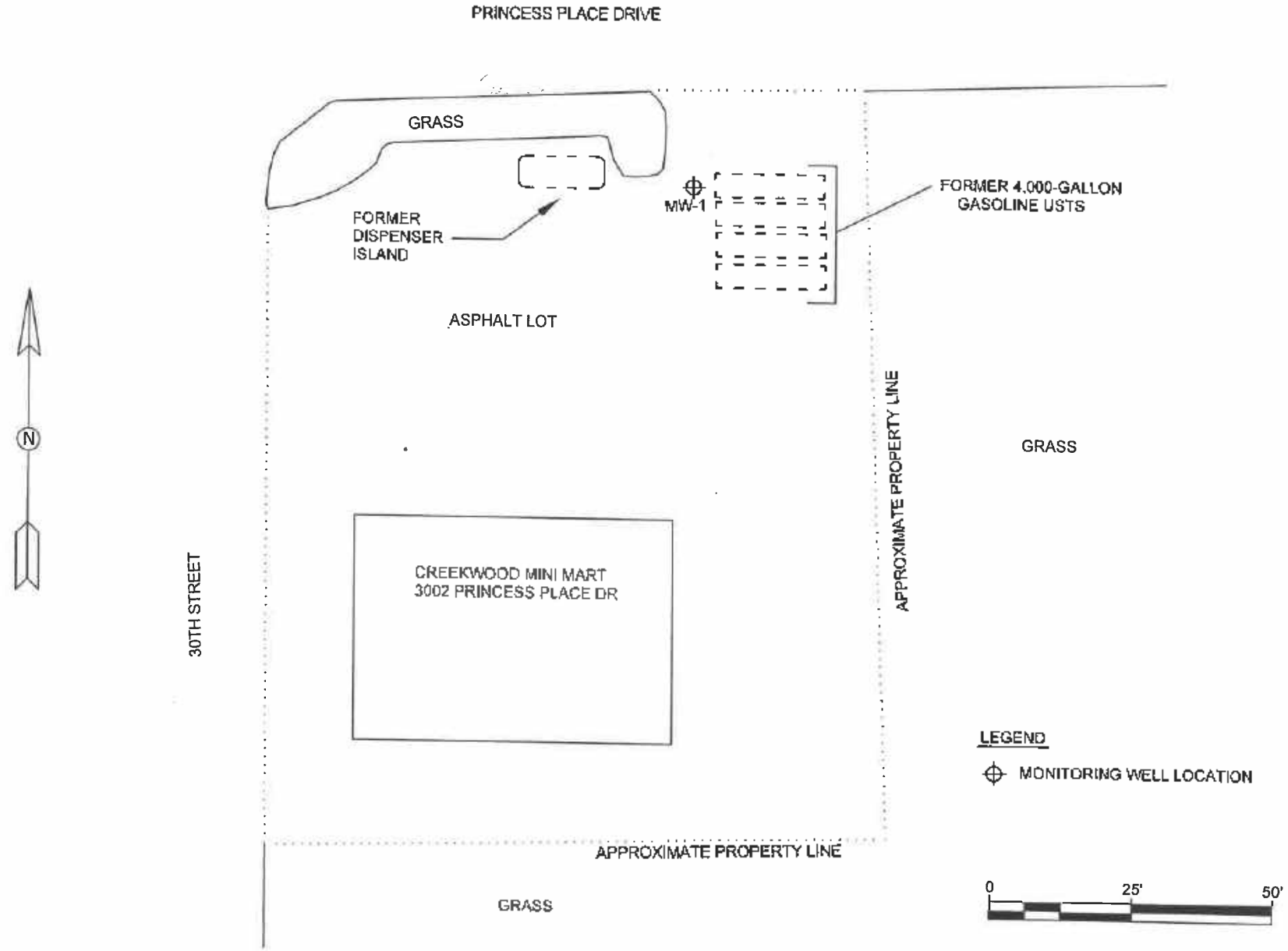


REFERENCE: BASE MAP TAKEN FROM MICROSOFT TERRASERVER.

Force Environmental
Service Company, LLC
147 Vera Rd., Suite F
Lexington, SC 29072
Phone: 803-359-3200
Fax: 803-359-6682

TOPOGRAPHIC MAP
CREEKWOOD MINI MART
3002 PRINCESS PLACE DRIVE
WILMINGTON, NORTH CAROLINA

DATE 1/22/10	FIG. NO. 1
DESIGNED BY JBP	SCALE 1"=650'
DRAWN BY JBP	INCIDENT # 18694



Force Environmental Service Company, LLC
147 Vera Rd., Suite F
Lexington, SC 29072
Phone: 803-359-3200
Fax: 803-359-8682

SITE MAP
CREEKWOOD MINI MART
3002 PRINCESS PLACE DRIVE
WILMINGTON, NORTH CAROLINA

DATE 1/22/10	FIG. NO. 2
DESIGNED BY JBP	SCALE 1"=25'
DRAWN BY JBP	INCIDENT # 18694

APPENDIX B

SOIL BORING LOGS

SOIL BORING LOGS
Creekwood Mini Mart,
3002 Princess Place Dr., Wilmington, NC

MW-1 **Drilling Date:1/12/10**

Sample Interval (ft.)	Lithology
0-2"	Asphalt
2"-1	Black fine grained sand
1-5	Gray fine grained sand
6-10	Gray fine grainod clayey sand (wet at 6-ft)
15	Gray fine grained clayey sand, wet

NA = Not Available

MW-1

Sample Interval (ft.)	OVA
5	0
10	0

APPENDIX C

WELL CONSTRUCTION RECORD

WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources - Division of Water Quality

WELL CONTRACTOR (INDIVIDUAL) NAME (print) Todd Allred CERTIFICATION # 3213

WELL CONTRACTOR COMPANY NAME Palmetto Drilling PHONE # (803) 359-3766

STATE WELL CONSTRUCTION PERMIT# (if applicable) _____ ASSOCIATED WQ PERMIT# (if applicable) _____

1. WELL USE (Check Applicable Box): Residential ☐ Municipal/Public ☐ Industrial ☐ Agricultural ☐ Monitoring ☐ Recovery ☐ Heat Pump Water Injection ☐ Other ☐ If Other, List Use _____

2. WELL LOCATION:
Nearest Town: Wilmington County New Hanover
3002 Princess Place 28405
(Street Name, Numbers, Community, Subdivision, Lot No., Zip Code)

Topographic/Land setting
☐Ridge ☐Slope ☐Valley ☑Flat
(check appropriate box)
Latitude/longitude of well location
N 34°14.629 W77°54.493
(degrees/minutes/seconds)
Latitude/longitude source: ☐GPS ☐Topographic map
(check box)

3. OWNER: Osama Khatib
Address 3002 Princess Place
(Street or Route No.)
Wilmington NC 28405
City or Town State Zip Code
( ) - NA
Area code- Phone number

4. DATE DRILLED 1-12-10
5. TOTAL DEPTH: 15'
6. DOES WELL REPLACE EXISTING WELL? YES ☐ NO ☐
7. STATIC WATER LEVEL Below Top of Casing: _____ FT.
(Use "+" if Above Top of Casing)
8. TOP OF CASING IS _____ FT. Above Land Surface*
*Top of casing terminated at/or below land surface requires a variance in accordance with 15A NCAC 2C .0118.
9. YIELD (gpm): _____ METHOD OF TEST _____
10. WATER ZONES (depth): _____

DEPTH From	DEPTH To	DRILLING LOG Formation Description
0	6"	Asphalt
6"	1'	Fine Black sand
1'	5'	Gray fine sand
5'	10'	Gray fine sandy Clay
10'	15'	Gray Clayey Sand fine

11. DISINFECTION: Type _____ Amount _____
12. CASING:

	Depth From	To	Ft.	Diameter	Wall Thickness or Weight/Ft.	Material
	0	5		2"	SCH 40	PVC

13. GROUT:

	Depth From	To	Ft.	Material	Method
	3	0		Portland	Poured

14. SCREEN:

	Depth From	To	Ft.	Diameter	Slot Size	Material
	15	5		2 in.	.010 in.	PVC
				in.	in.	

15. SAND/GRAVEL PACK:

	Depth From	To	Ft.	Size	Material
	15	7		#2	Gravel

LOCATION SKETCH
Show direction and distance in miles from at least two State Roads or County Roads. Include the road numbers and common road names.



16. REMARKS: MW 1

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER

Todd Allred 1-19-10
SIGNATURE OF PERSON CONSTRUCTING THE WELL DATE

Submit the original to the Division of Water Quality, Attn: Information Management, 1617 Mail Service Center - Raleigh, NC 27699-1617, Phone No. (919) 733-7015, within 30 days.

GW-1 REV. 09/2004

APPENDIX D

ADJACENT PROPERTIES

Map ID	Property Owner	Physical Address	Owner Mailing Address	Tax Map PIN	Distance/ Direction From Site
1	SMITH ANN POWERS FAMILY PTNRP	3000 PRINCESS PLACE DR WILMINGTON, NC	WILMINGTON, NC	313817.01.5709.000	180-ft/North
2	PAULINE PLACE LLC	3008 PRINCESS PLACE DR WILMINGTON, NC	WILMINGTON, NC	313817.01.5532.000	75-ft/East
3	NORTH METRO PROPERTIES LLC	2926 PRINCESS PLACE DR WILMINGTON, NC	WILMINGTON, NC	313817.01.1591.000	120-ft/West
4	NORTH METRO PROPERTIES LLC	311 N 30TH ST WILMINGTON, NC	WILMINGTON, NC	313817.01.1443.000	100-ft/West
5	N & R INVESTMENT GROUP LLC	220 N 30TH ST WILMINGTON, NC	WILMINGTON, NC	313817.01.3349.000	60-ft/South



REFERENCE: BASE MAP TAKEN FROM NEW HANOVER COUNTY GIS.

Force Environmental Service Company, LLC
147 Vera Rd., Suite F
Lexington, SC 29072
Phone: 803-359-3200
Fax: 803-359-6682

ADJACENT PROPERTY MAP
CREEKWOOD MINI MART
3002 PRINCESS PLACE DRIVE
WILMINGTON, NORTH CAROLINA

DATE 1/22/10	FIG. NO. 3
DESIGNED BY JBP	SCALE 1"=190'
DRAWN BY JBP	INCIDENT # 18694

APPENDIX E

FIELD DATA SHEET

Site: Creekwood Mini Mart
Incident #: 18694

Well Number	MW-1
Total Well Depth (feet btoc)	15
Depth to Product (feet btoc)	ND
Depth to Water (feet btoc)	6.12
Well Volume (gallons)	1.44
Purge Date	1/12/10
Purge Method	Disposable Bailer
Gallons Purged	4.25
Date Sampled	1/12/10
Sampling Method	Disposable Bailer
Time of Sample	800
Comments	none

APPENDIX F

ANALYTICAL RESULTS

Analytical Report 358382

for

Force Environmental

Project Manager: Greg Force

Creekside Mini Mart

20-JAN-10

6017 Financial Dr., Norcross, GA 30071
Ph:(770) 449-8800 Fax:(770) 449-5477

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-08-TX), Arizona (AZ0738), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00308), USDA (S-44102)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AALI1), West Virginia (362), Kentucky (85)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Miami (EPA Lab code: FL01152): Florida (E86678), Maryland (330)
Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-08-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-08-TX)
Xenco-Corpus Christi (EPA Lab code: TX02613): Texas (T104704370-08-TX)
Xenco-Boca Raton (EPA Lab Code: FL00449): Florida(E86240),
South Carolina(96031001), Louisiana(04154), Georgia(917)

XENCO Laboratories

20-JAN-10

Project Manager: **Greg Force**
Force Environmental
147 Vera Road, Suite F
Lexington, SC 29072

Reference: XENCO Report No: **358382**
Creekside Mini Mart
Project Address: NC

Greg Force:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 358382. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 358382 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Michelle Williams

Michelle B. Williams
Project Manager

Recipient of the Prestigious Small Business Administration Award of Excellence in 1994.
Certified and approved by numerous States and Agencies.
A Small Business and Minority Status Company that delivers SERVICE and QUALITY
Houston - Dallas - San Antonio - Austin - Tampa - Miami - Atlanta - Corpus Christi - Latin America

Sample Cross Reference 358382

Force Environmental, Lexington, SC

Creekside Mini Mart

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
MW-1 @ 5'	S	Jan-12-10 08:30	5 ft	358382-001
MW-1	W	Jan-12-10 08:00		358382-002

XENCO Laboratories

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the MQL and above the SQL.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

BRL Below Reporting Limit.

RL Reporting Limit

* Outside XENCO's scope of NELAC Accreditation.

XENCO Laboratories

Certificate of Analytical Results 358382

Force Environmental, Lexington, SC

Creekside Mini Mart

Sample Id: **MW-1 @ 5'**	Matrix: **Soil**	% Moisture: **10.74**
Lab Sample Id: **358382-001**	Date Collected: **Jan-12-10 08:30**	Basis: **Dry Weight**
Sample Depth: **5 ft**	Date Received: **Jan-13-10 09:51**	

Analytical Method: MADEP VPII REV 1.1 Prep Method: SW5030B

Date Analyzed: Jan-20-10 02:51 Analyst: 4124 Date Prep: Jan-19-10 21:50 Tech: ANI

Seq Number: 790037

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
C5-C8 Aliphatics (Unadj.)	ALHYDRC5	U	1.83	1.83	mg/kg	U	50
C9-C10 Aromatics (Unadj.)	HYDC9C10	80.0	8.32	8.32	mg/kg	D	200
C9-C12 Aliphatics (Unadj.)	ALHYDRC9	88.6	2.45	2.45	mg/kg		50
Ethylbenzene	100-41-4	U	0.306	0.306	mg/kg	U	50
Toluene	108-88-3	U	0.306	0.306	mg/kg	U	50
MTBE	1634-04-4	U	0.306	0.306	mg/kg	U	50
Benzene	71-43-2	U	0.306	0.306	mg/kg	U	50
Naphthalene	91-20-3	1.96	0.306	0.306	mg/kg		50
o-Xylene	95-47-6	0.673	0.306	0.306	mg/kg		50
m,p-Xylene	179601-23-1	U	0.612	0.612	mg/kg	U	50
C5-C8 Aliphatics	ALHYDRC5	U	0.917	0.917	mg/kg	U	50
C9-C12 Aliphatics	ALHYDRC9	7.95	0.917	0.917	mg/kg		50

Project: NCDENR Contract Sites

Version: 1.029

XENCO Laboratories

Certificate of Analytical Results 358382

Force Environmental, Lexington, SC

Creekside Mini Mart

Sample Id: **MW-1 @ 5'**	Matrix: **Soil**	% Moisture: **10.74**
Lab Sample Id: **358382-001**	Date Collected: **Jan-12-10 08:30**	Basis: **Dry Weight**
Sample Depth: **5 ft**	Date Received: **Jan-13-10 09:51**	

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5035

Date Analyzed: Jan-14-10 10:40 Analyst: 4148 Date Prep: Jan-14-10 07:17 Tech: 4148

Seq Number: 789477

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	0.0052	0.0008	mg/kg	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.0052	0.0012	mg/kg	U	1
1,1,2-Trichloroethane	79-00-5	U	0.0052	0.0007	mg/kg	U	1
1,1-Dichloroethane	75-34-3	U	0.0052	0.0008	mg/kg	U	1
1,1-Dichloroethene	75-35-4	U	0.0052	0.0012	mg/kg	U	1
1,1-Dichloropropene	563-58-6	U	0.0052	0.0006	mg/kg	U	1
1,2,3-Trichlorobenzene	87-61-6	U	0.0052	0.0006	mg/kg	U	1
1,2,3-Trichloropropane	96-18-4	U	0.0052	0.0017	mg/kg	U	1
1,2,4-Trichlorobenzene	120-82-1	U	0.0052	0.0009	mg/kg	U	1
1,2,4-Trimethylbenzene	95-63-6	0.61	0.38	0.054	mg/kg	D	50
1,2-Dibromoethane (EDB)	106-93-4	U	0.0052	0.0009	mg/kg	U	1
1,2-Dichlorobenzene	95-50-1	U	0.0052	0.0013	mg/kg	U	1
1,2-Dichloroethane	107-06-2	U	0.0052	0.0006	mg/kg	U	1
1,2-Dichloropropane	78-87-5	U	0.0052	0.0010	mg/kg	U	1
1,3,5-Trimethylbenzene	108-67-8	0.71	0.38	0.061	mg/kg	D	50
1,3-Dichlorobenzene	541-73-1	U	0.0052	0.0010	mg/kg	U	1
1,3-Dichloropropane	142-28-9	U	0.0052	0.0007	mg/kg	U	1
1,4-Dichlorobenzene	106-46-7	U	0.0052	0.0007	mg/kg	U	1
2,2-Dichloropropane	594-20-7	U	0.0052	0.0006	mg/kg	U	1
2-Butanone (MEK)	78-93-3	U	0.052	0.0095	mg/kg	U	1
2-Chlorotoluene	95-49-8	U	0.0052	0.0007	mg/kg	U	1
2-Hexanone	591-78-6	U	0.052	0.0012	mg/kg	U	1
4-Chlorotoluene	106-43-4	U	0.0052	0.0006	mg/kg	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.052	0.0034	mg/kg	U	1
Acetone	67-64-1	U	0.052	0.0072	mg/kg	U	1
Benzene	71-43-2	U	0.0052	0.0005	mg/kg	U	1
Bromobenzene	108-86-1	U	0.0052	0.0009	mg/kg	U	1
Bromochloromethane	74-97-5	U	0.0052	0.0010	mg/kg	U	1
Bromodichloromethane	75-27-4	U	0.0052	0.0005	mg/kg	U	1
Bromoform	75-25-2	U	0.0052	0.0010	mg/kg	U	1
Bromomethane	74-83-9	U	0.0052	0.0026	mg/kg	U	1
Carbon tetrachloride	56-23-5	U	0.0052	0.0008	mg/kg	U	1
Chlorobenzene	108-90-7	U	0.010	0.0006	mg/kg	U	1
Chloroethane	75-00-3	U	0.0052	0.0026	mg/kg	U	1
Chloroform	67-66-3	U	0.0052	0.0008	mg/kg	U	1
Chloromethane	74-87-3	U	0.0052	0.0024	mg/kg	U	1
cis-1,2-Dichloroethene	156-59-2	U	0.0052	0.0007	mg/kg	U	1
cis-1,3-Dichloropropene	10061-01-5	U	0.0052	0.0006	mg/kg	U	1
Dibromochloromethane	124-48-1	U	0.0052	0.0010	mg/kg	U	1

XENCO Laboratories

Certificate of Analytical Results 358382

Force Environmental, Lexington, SC

Creekside Mini Mart

Sample Id: **MW-1 @ 5'**	Matrix: **Soil**	% Moisture: **10.74**
Lab Sample Id: **358382-001**	Date Collected: **Jan-12-10 08:30**	Basis: **Dry Weight**
Sample Depth: **5 ft**	Date Received: **Jan-13-10 09:51**	

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5035

Date Analyzed: Jan-14-10 10:40 Analyst: 4148 Date Prep: Jan-14-10 07:17 Tech: 4148

Seq Number: 789477

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Dichlorodifluoromethane	75-71-8	U	0.0052	0.0012	mg/kg	U	1
Ethanol	64-17-5	U	0.052	0.029	mg/kg	U	1
Ethylbenzene	100-41-4	0.054	0.38	0.043	mg/kg	J	50
Isopropyl Ether	108-20-3	U	0.052	0.0013	mg/kg	U	1
Isopropylbenzene	98-82-8	0.20	0.0052	0.0008	mg/kg		1
m,p-Xylenes	179601-23-1	0.17	0.75	0.091	mg/kg	J	50
Methyl tert-butyl ether	1634-04-4	U	0.0052	0.0007	mg/kg	U	1
Methylene chloride	75-09-2	U	0.0052	0.0023	mg/kg	U	1
Naphthalene	91-20-3	0.25	0.38	0.098	mg/kg	J	50
n-Butylbenzene	104-51-8	U	0.0052	0.0009	mg/kg	U	1
n-Propylbenzene	103-65-1	0.077	0.38	0.059	mg/kg	J	50
o-Xylene	95-47-6	0.24	0.38	0.054	mg/kg	J	50
p-Isopropyltoluene	99-87-6	0.11	0.38	0.060	mg/kg	J	50
sec-Butylbenzene	135-98-8	U	0.0052	0.0007	mg/kg	U	1
Styrene	100-42-5	U	0.0052	0.0008	mg/kg	U	1
tert-Butylbenzene	98-06-6	U	0.0052	0.0009	mg/kg	U	1
Tetrachloroethene	127-18-4	U	0.0052	0.0011	mg/kg	U	1
Toluene	108-88-3	0.016	0.0052	0.0006	mg/kg		1
trans-1,2-Dichloroethene	156-60-5	U	0.0052	0.0008	mg/kg	U	1
trans-1,3-Dichloropropene	10061-02-6	U	0.0052	0.0007	mg/kg	U	1
Trichloroethene	79-01-6	U	0.0052	0.0007	mg/kg	U	1
Trichlorofluoromethane	75-69-4	U	0.0052	0.0037	mg/kg	U	1
Vinyl acetate	108-05-4	U	0.0052	0.0008	mg/kg	U	1
Vinyl chloride	75-01-4	U	0.0052	0.0021	mg/kg	U	1
Xylenes, Total	1330-20-7	0.4	0.38	0.054	mg/kg		1

XENCO Laboratories

Certificate of Analytical Results 358382

Force Environmental, Lexington, SC

Creekside Mini Mart

Sample Id: **MW-1**	Matrix: **Water**	% Moisture:
Lab Sample Id: **358382-002**	Date Collected: **Jan-12-10 08:00**	
	Date Received: **Jan-13-10 09:51**	

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP

Date Analyzed: Jan-18-10 12:06 Analyst: 4148 Date Prep: Jan-18-10 08:05 Tech: 4148

Seq Number: 789818

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	2.50	1.16	ug/L	U	5
1,1,2,2-Tetrachloroethane	79-34-5	U	2.50	1.16	ug/L	U	5
1,1,2-Trichloroethane	79-00-5	U	2.50	1.44	ug/L	U	5
1,1-Dichloroethane	75-34-3	U	2.50	1.27	ug/L	U	5
1,1-Dichloroethene	75-35-4	U	2.50	1.34	ug/L	U	5
1,1-Dichloropropene	563-58-6	U	2.50	1.53	ug/L	U	5
1,2,3-Trichlorobenzene	87-61-6	U	10.0	6.17	ug/L	U	5
1,2,3-Trichloropropane	96-18-4	U	5.00	1.80	ug/L	U	5
1,2,4-Trichlorobenzene	120-82-1	U	5.00	5.47	ug/L	U	5
1,2,4-Trimethylbenzene	95-63-6	5670	50.0	82.3	ug/L	D	100
1,2-Dichlorobenzene	95-50-1	U	2.50	1.49	ug/L	U	5
1,2-Dichloroethane	107-06-2	U	2.50	1.69	ug/L	U	5
1,2-Dichloropropane	78-87-5	U	2.50	1.63	ug/L	U	5
1,3,5-trimethylbenzene	108-67-8	1390	50.0	43.4	ug/L	D	100
1,3-Dichlorobenzene	541-73-1	U	2.50	1.17	ug/L	U	5
1,3-Dichloropropane	142-28-9	U	2.50	0.995	ug/L	U	5
1,4-Dichlorobenzene	106-46-7	U	2.50	0.963	ug/L	U	5
2,2-Dichloropropane	594-20-7	U	10.0	0.970	ug/L	U	5
2-Butanone	78-93-3	U	100	24.0	ug/L	U	5
2-Chlorotoluene	95-49-8	U	2.50	1.48	ug/L	U	5
4-Chlorotoluene	106-43-4	U	2.50	1.11	ug/L	U	5
4-Methyl-2-Pentanone	108-10-1	U	200	50.0	ug/L	U	5
Acetone	67-64-1	U	75.0	18.7	ug/L	U	5
Benzene	71-43-2	53.9	2.50	1.05	ug/L		5
Bromobenzene	108-86-1	U	2.50	1.90	ug/L	U	5
Bromochloromethane	74-97-5	U	2.50	1.91	ug/L	U	5
Bromodichloromethane	75-27-4	U	2.50	0.955	ug/L	U	5
Bromoform	75-25-2	U	10.0	2.09	ug/L	U	5
Bromomethane	74-83-9	U	5.00	3.05	ug/L	U	5
Carbon Tetrachloride	56-23-5	U	2.50	1.06	ug/L	U	5
Chlorobenzene	108-90-7	U	2.50	1.23	ug/L	U	5
Chloroethane	75-00-3	U	2.50	1.70	ug/L	U	5
Chloroform	67-66-3	U	2.50	1.32	ug/L	U	5
Chloromethane	74-87-3	U	2.50	1.25	ug/L	U	5
cis-1,2-Dichloroethene	156-59-2	U	2.50	1.81	ug/L	U	5
cis-1,3-Dichloropropene	10061-01-5	U	5.00	1.25	ug/L	U	5
Dibromochloromethane	124-48-1	U	2.50	1.28	ug/L	U	5
Ethyl tert-butyl alcohol	590-36-3	140	25.0	13.4	ug/L		5
Dichlorodifluoromethane	75-71-8	U	5.00	2.07	ug/L	U	5

Project: NCDENR Contract Sites

Version: 1.029

XENCO Laboratories

Certificate of Analytical Results 358382

Force Environmental, Lexington, SC

Creekside Mini Mart

Sample Id: **MW-1**	Matrix: **Water**	% Moisture:
Lab Sample Id: **358382-002**	Date Collected: **Jan-12-10 08:00**	
	Date Received: **Jan-13-10 09:51**	

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP

Date Analyzed: Jan-18-10 12:06 Analyst: 4148 Date Prep: Jan-18-10 08:05 Tech: 4148

Seq Number: 789818

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Diisopropyl ether	108-20-3	U	2.50	5.00	ug/L	U	5
Ethanol	64-17-5	U	1000	125	ug/L	U	5
Ethylbenzene	100-41-4	9820	50.0	19.6	ug/L	D	100
T-Amyl Alcohol	75-85-4	U	25.0	13.2	ug/L	U	5
tert-Butyl formate	762-75-4	U	25.0	0.001	ug/L	U	5
isopropylbenzene	98-82-8	474	2.50	1.19	ug/L		5
m,p-Xylenes	179601-23-1	28800	100	39.8	ug/L	D	100
Methylene Chloride	75-09-2	U	2.50	3.19	ug/L	U	5
MTBE	1634-04-4	U	2.50	1.30	ug/L	U	5
Naphthalene	91-20-3	1670	200	100	ug/L	D	100
n-Butylbenzene	104-51-8	U	10.0	2.26	ug/L	U	5
n-Propylbenzene	103-65-1	878	100	100	ug/L	D	100
o-Xylene	95-47-6	12600	50.0	29.8	ug/L	D	100
p-Cymene (p-Isopropyltoluene)	99-87-6	53.5	2.50	1.77	ug/L		5
Sec-Butylbenzene	135-98-8	U	2.50	1.64	ug/L	U	5
Styrene	100-42-5	U	2.50	0.980	ug/L	U	5
tert-Amyl methyl Ether	994-05-8	U	40.0	10.0	ug/L	U	5
tert-butyl alcohol	75-65-0	U	20.0	75.0	ug/L	U	5
tert-Butylbenzene	98-06-6	U	2.50	1.70	ug/L	U	5
Tetrachloroethylene	127-18-4	U	2.50	2.54	ug/L	U	5
Toluene	108-88-3	5360	50.0	24.7	ug/L	D	100
trans-1,2-dichloroethene	156-60-5	U	2.50	1.99	ug/L	U	5
trans-1,3-dichloropropene	10061-02-6	U	10.0	1.80	ug/L	U	5
Trichloroethene	79-01-6	U	2.50	1.53	ug/L	U	5
Trichlorofluoromethane	75-69-4	U	2.50	1.51	ug/L	U	5
Vinyl Acetate	108-05-4	U	50.0	11.5	ug/L	U	5
Vinyl Chloride	75-01-4	U	2.50	2.07	ug/L	U	5

Project: NCDENR Contract Sites

Version: 1.029

XENCO Laboratories

Certificate of Analytical Results 358382

Force Environmental, Lexington, SC

Creekside Mini Mart

Sample Id: **MW-1**	Matrix: **Water**	% Moisture:
Lab Sample Id: **358382-002**	Date Collected: **Jan-12-10 08:00**	
	Date Received: **Jan-13-10 09:51**	

Analytical Method: MADEP VPH REV 1.1 Prep Method: SW5030B

Date Analyzed: Jan-15-10 12:05 Analyst: 4124 Date Prep: Jan-14-10 23:02 Tech: ANI

Seq Number: 789660

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
C5-C8 Aliphatics (Unadj.)	ALHYDRC5	17000	300	300	ug/L		10
C9-C10 Aromatics (Unadj.)	HYDC9C10	12100	600	600	ug/L	D	100
C9-C12 Aliphatics (Unadj.)	ALHYDRC9	93000	4000	4000	ug/L	D	100
Ethylbenzene	100-41-4	7200	500	500	ug/L	D	100
Toluene	108-88-3	3960	50.0	50.0	ug/L		10
MTBE	1634-04-4	U	50.0	50.0	ug/L	U	10
Benzene	71-43-2	60.0	50.0	50.0	ug/L		10
Naphthalene	91-20-3	1070	50.0	50.0	ug/L		10
o-Xylene	95-47-6	9000	500	500	ug/L	D	100
m,p-Xylene	179601-23-1	21700	1000	1000	ug/L	D	100
C5-C8 Aliphatics	ALHYDRC5	13000	150	150	ug/L		10
C9-C12 Aliphatics	ALHYDRC9	43000	150	150	ug/L		10

Analytical Method: Select Metals by SW-846 6010B Prep Method: SM3030C

Date Analyzed: Jan-13-10 16:49 Analyst: 4150 Date Prep: Jan-13-10 12:39 Tech: ABA

Seq Number: 789371

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Lead	7439-92-1	0.033	0.010	0.002	mg/L		1

Project: NCDENR Contract Sites

Version: 1.029

Final Ver. 1.000

XENCO Laboratories

Form 2 - Surrogate Recoveries

Project Name: Creekside Mini Mart

Work Orders : 358382,

Project ID:

Lab Batch #: 789818 **Sample:** 547851-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 01/18/10 08:58

VOCs by GC/MS by SM6200B	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	25.99	25.00	104	53-159	
4-Bromofluorobenzene	24.14	25.00	97	30-186	
Toluene-D8	25.52	25.00	102	70-130	

Lab Batch #: 789818 **Sample:** 547851-1-BSD / BSD **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 01/18/10 09:28

VOCs by GC/MS by SM6200B	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	25.87	25.00	103	53-159	
4-Bromofluorobenzene	23.66	25.00	95	30-186	
Toluene-D8	25.40	25.00	102	70-130	

Lab Batch #: 789818 **Sample:** 547851-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 01/18/10 10:29

VOCs by GC/MS by SM6200B	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	28.29	25.00	113	53-159	
4-Bromofluorobenzene	24.90	25.00	100	30-186	
Toluene-D8	24.25	25.00	97	70-130	

Lab Batch #: 789818 **Sample:** 358382-002 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 01/18/10 12:06

VOCs by GC/MS by SM6200B	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	28.06	25.00	112	53-159	
4-Bromofluorobenzene	24.17	25.00	97	30-186	
Toluene-D8	26.10	25.00	104	70-130	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

XENCO Laboratories

Form 2 - Surrogate Recoveries

Project Name: Creekside Mini Mart

Work Orders : 358382,

Project ID:

Lab Batch #: 789818 **Sample:** 358382-002 / DL **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 01/18/10 12:39

VOCs by GC/MS by SM6200B	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	26.17	25.00	105	53-159	
4-Bromofluorobenzene	24.34	25.00	97	30-186	
Toluene-D8	24.98	25.00	100	70-130	

Lab Batch #: 789818 **Sample:** 358814-001 D / MD **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 01/18/10 14:12

VOCs by GC/MS by SM6200B	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	26.99	25.00	108	53-159	
4-Bromofluorobenzene	24.68	25.00	99	30-186	
Toluene-D8	24.72	25.00	99	70-130	

Lab Batch #: 789818 **Sample:** 358382-002 / DL **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 01/18/10 17:53

VOCs by GC/MS by SM6200B	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	25.35	25.00	101	53-159	
4-Bromofluorobenzene	25.46	25.00	102	30-186	
Toluene-D8	25.54	25.00	102	70-130	

Lab Batch #: 789818 **Sample:** 358814-001 S / MS **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 01/18/10 18:24

VOCs by GC/MS by SM6200B	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	24.87	25.00	99	53-159	
4-Bromofluorobenzene	24.66	25.00	99	30-186	
Toluene-D8	25.18	25.00	101	70-130	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Creekside Mini Mart

Work Orders : 358382,

Project ID:

Lab Batch #: 789818 **Sample:** 358814-001 SD / MSD **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 01/18/10 18:54

VOCs by GC/MS by SM6200B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	24.98	25.00	100	53-159	
4-Bromofluorobenzene	24.32	25.00	97	30-186	
Toluene-D8	25.06	25.00	100	70-130	

Lab Batch #: 789660 **Sample:** 547768-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 01/14/10 23:39

MADEP VPH REV 1.1 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,5-Dibromotoluene (PID)	50.0	40.0	125	70-130	

Lab Batch #: 789660 **Sample:** 547768-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 01/14/10 23:39

MADEP VPH REV 1.1 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,5-Dibromotoluene	48.0	40.0	120	70-130	

Lab Batch #: 789660 **Sample:** 547768-1-BSD / BSD **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 01/15/10 00:17

MADEP VPH REV 1.1 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,5-Dibromotoluene (PID)	51.0	40.0	128	70-130	

Lab Batch #: 789660 **Sample:** 547768-1-BSD / BSD **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 01/15/10 00:17

MADEP VPH REV 1.1 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,5-Dibromotoluene	49.0	40.0	123	70-130	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

XENCO Laboratories

Form 2 - Surrogate Recoveries

Project Name: Creekside Mini Mart

Work Orders : 358382,

Project ID:

Lab Batch #: 789660 **Sample:** 547768-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 01/15/10 00:54

MADEP VPH REV 1.1	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,5-Dibromotoluene (PID)	50.0	40.0	125	70-130	

Lab Batch #: 789660 **Sample:** 547768-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 01/15/10 00:54

MADEP VPH REV 1.1	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,5-Dibromotoluene	50.0	40.0	125	70-130	

Lab Batch #: 789660 **Sample:** 358098-001 D / MD **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 01/15/10 10:50

MADEP VPH REV 1.1	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,5-Dibromotoluene (PID)	245	200	123	70-130	

Lab Batch #: 789660 **Sample:** 358098-001 D / MD **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 01/15/10 10:50

MADEP VPH REV 1.1	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,5-Dibromotoluene	235	200	118	70-130	

Lab Batch #: 789660 **Sample:** 358382-002 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 01/15/10 12:05

MADEP VPH REV 1.1	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,5-Dibromotoluene (PID)	490	400	123	70-130	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

XENCO Laboratories

Form 2 - Surrogate Recoveries

Project Name: Creekside Mini Mart

Work Orders : 358382,

Project ID:

Lab Batch #: 789660 **Sample:** 358382-002 / SMP **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 01/15/10 12:05

MADEP VPH REV 1.1	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,5-Dibromotoluene	480	400	120	70-130	

Lab Batch #: 789660 **Sample:** 358382-002 / DL **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 01/15/10 18:22

MADEP VPH REV 1.1	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,5-Dibromotoluene (PID)	3800	4000	95	70-130	

Lab Batch #: 789660 **Sample:** 358382-002 / DL **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 01/15/10 18:22

MADEP VPH REV 1.1	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,5-Dibromotoluene	3900	4000	98	70-130	

Lab Batch #: 789660 **Sample:** 357818-002 S / MS **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 01/15/10 18:59

MADEP VPH REV 1.1	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,5-Dibromotoluene (PID)	43.0	40.0	108	70-130	

Lab Batch #: 789660 **Sample:** 357818-002 S / MS **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 01/15/10 18:59

MADEP VPH REV 1.1	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,5-Dibromotoluene	39.0	40.0	98	70-130	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

XENCO Laboratories

Form 2 - Surrogate Recoveries

Project Name: Creekside Mini Mart

Work Orders : 358382,

Project ID:

Lab Batch #: 789660 **Sample:** 357818-002 SD / MSD **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 01/15/10 19:37

MADEP VPH REV 1.1	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,5-Dibromotoluene (PID)	44.0	40.0	110	70-130	

Lab Batch #: 789660 **Sample:** 357818-002 SD / MSD **Batch:** 1 **Matrix:** Water

Units: ug/L **Date Analyzed:** 01/15/10 19:37

MADEP VPH REV 1.1	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,5-Dibromotoluene	46.0	40.0	115	70-130	

Lab Batch #: 790037 **Sample:** 358099-001 D / MD **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 01/19/10 23:43

MADEP VPH REV 1.1	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,5-Dibromotoluene (PID)	2.369	2.494	95	70-130	

Lab Batch #: 790037 **Sample:** 358099-001 D / MD **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 01/19/10 23:43

MADEP VPH REV 1.1	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,5-Dibromotoluene	2.556	2.494	102	70-130	

Lab Batch #: 790037 **Sample:** 548019-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 01/20/10 00:21

MADEP VPH REV 1.1	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,5-Dibromotoluene (PID)	2.000	2.000	100	70-130	

* Surrogate outside of Laboratory QC limits

*+ Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Creekside Mini Mart

Work Orders : 358382,

Project ID:

Lab Batch #: 790037 **Sample:** 548019-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 01/20/10 00:21

MADEP VPH REV 1.1	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,5-Dibromotoluene	2.250	2.000	113	70-130	

Lab Batch #: 790037 **Sample:** 548019-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 01/20/10 00:58

MADEP VPH REV 1.1	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,5-Dibromotoluene (PID)	2.000	2.000	100	70-130	

Lab Batch #: 790037 **Sample:** 548019-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 01/20/10 00:58

MADEP VPH REV 1.1	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,5-Dibromotoluene	2.150	2.000	108	70-130	

Lab Batch #: 790037 **Sample:** 358382-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 01/20/10 02:51

MADEP VPH REV 1.1	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,5-Dibromotoluene (PID)	2.129	2.183	98	70-130	

Lab Batch #: 790037 **Sample:** 358382-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 01/20/10 02:51

MADEP VPH REV 1.1	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,5-Dibromotoluene	2.511	2.183	115	70-130	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Creekside Mini Mart

Work Orders : 358382,

Project ID:

Lab Batch #: 790037 **Sample:** 358382-001 / DL **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 01/20/10 09:02

MADEP VPH REV 1.1	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,5-Dibromotoluene (PID)	8.515	8.734	97	70-130	

Lab Batch #: 790037 **Sample:** 358382-001 / DL **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 01/20/10 09:02

MADEP VPH REV 1.1	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,5-Dibromotoluene	10.48	8.734	120	70-130	

Lab Batch #: 790037 **Sample:** 358099-001 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 01/20/10 09:40

MADEP VPH REV 1.1	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,5-Dibromotoluene (PID)	2.120	2.494	85	70-130	

Lab Batch #: 790037 **Sample:** 358099-001 S / MS **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 01/20/10 09:40

MADEP VPH REV 1.1	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,5-Dibromotoluene	2.431	2.494	97	70-130	

Lab Batch #: 790037 **Sample:** 358099-001 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 01/20/10 10:18

MADEP VPH REV 1.1	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,5-Dibromotoluene (PID)	2.182	2.494	87	70-130	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

XENCO Laboratories

Form 2 - Surrogate Recoveries

Project Name: Creekside Mini Mart

Work Orders : 358382,

Project ID:

Lab Batch #: 790037 **Sample:** 358099-001 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: mg/kg **Date Analyzed:** 01/20/10 10:18

MADEP VPH REV 1.1	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,5-Dibromotoluene	2.618	2.494	105	70-130	

Lab Batch #: 790037 **Sample:** 548019-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 01/20/10 10:55

MADEP VPH REV 1.1	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,5-Dibromotoluene (PID)	1.600	2.000	80	70-130	

Lab Batch #: 790037 **Sample:** 548019-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg **Date Analyzed:** 01/20/10 10:55

MADEP VPH REV 1.1	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
2,5-Dibromotoluene	2.100	2.000	105	70-130	

Lab Batch #: 789477 **Sample:** 547667-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: ug/kg **Date Analyzed:** 01/14/10 08:43

VOCs by SW-846 8260B	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	41	50	82	46-167	
4-Bromofluorobenzene	49	50	98	57-158	
Toluene-D8	53	50	106	45-140	

Lab Batch #: 789477 **Sample:** 547667-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: ug/kg **Date Analyzed:** 01/14/10 09:12

VOCs by SW-846 8260B	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	43	50	86	46-167	
4-Bromofluorobenzene	49	50	98	57-158	
Toluene-D8	53	50	106	45-140	

* Surrogate outside of Laboratory QC Limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

XENCO Laboratories

Form 2 - Surrogate Recoveries

Project Name: Creekside Mini Mart

Work Orders : 358382,

Project ID:

Lab Batch #: 789477 **Sample:** 547667-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: ug/kg **Date Analyzed:** 01/14/10 10:10

VOCs by SW-846 8260B	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	47	50	94	46-167	
4-Bromofluorobenzene	49	50	98	57-158	
Toluene-D8	53	50	106	45-140	

Lab Batch #: 789477 **Sample:** 358382-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: ug/kg **Date Analyzed:** 01/14/10 10:40

VOCs by SW-846 8260B	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	51	50	102	46-167	
4-Bromofluorobenzene	79	50	158	57-158	
Toluene-D8	57	50	114	45-140	

Lab Batch #: 789477 **Sample:** 358382-001 D / MD **Batch:** 1 **Matrix:** Soil

Units: ug/kg **Date Analyzed:** 01/14/10 11:09

VOCs by SW-846 8260B	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	48	50	96	46-167	
4-Bromofluorobenzene	220	50	440	57-158	**
Toluene-D8	65	50	130	45-140	

Lab Batch #: 789477 **Sample:** 358454-006 S / MS **Batch:** 1 **Matrix:** Soil

Units: ug/kg **Date Analyzed:** 01/14/10 17:06

VOCs by SW-846 8260B	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	48	50	96	46-167	
4-Bromofluorobenzene	54	50	108	57-158	
Toluene-D8	54	50	108	45-140	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

XENCO Laboratories

Form 2 - Surrogate Recoveries

Project Name: Creekside Mini Mart

Work Orders : 358382,

Project ID:

Lab Batch #: 789477 **Sample:** 358454-006 SD / MSD **Batch:** 1 **Matrix:** Soil

Units: ug/kg **Date Analyzed:** 01/14/10 17:34

VOCs by SW-846 8260B	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	42	50	84	46-167	
4-Bromofluorobenzene	54	50	108	57-158	
Toluene-D8	53	50	106	45-140	

Lab Batch #: 789492 **Sample:** 547679-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: ug/kg **Date Analyzed:** 01/14/10 08:57

VOCs by SW-846 8260B	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	57	50	114	46-167	
4-Bromofluorobenzene	50	50	100	57-158	
Toluene-D8	48	50	96	45-140	

Lab Batch #: 789492 **Sample:** 547679-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: ug/kg **Date Analyzed:** 01/14/10 09:21

VOCs by SW-846 8260B	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	57	50	114	46-167	
4-Bromofluorobenzene	50	50	100	57-158	
Toluene-D8	48	50	96	45-140	

Lab Batch #: 789492 **Sample:** 547679-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: ug/kg **Date Analyzed:** 01/14/10 10:10

VOCs by SW-846 8260B	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	61	50	122	46-167	
4-Bromofluorobenzene	52	50	104	57-158	
Toluene-D8	47	50	94	45-140	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits, data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

XENCO Laboratories

Form 2 - Surrogate Recoveries

Project Name: Creekside Mini Mart

Work Orders : 358382,

Project ID:

Lab Batch #: 789492 **Sample:** 358382-001 / DL **Batch:** 1 **Matrix:** Soil

Units: ug/kg **Date Analyzed:** 01/14/10 16:17

VOCs by SW-846 8260B	SURROGATE RECOVERY STUDY				
Analytes	Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,2-Dichloroethane-D4	57	50	114	46-167	
4-Bromofluorobenzene	49	50	98	57-158	
Toluene-D8	48	50	96	45-140	

* Surrogate outside of Laboratory QC limits

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

XENCO Laboratories

BS / BSD Recoveries

Project Name: Creekside Mini Mart

Work Order #: 358382
Analyst: 4148
Lab Batch ID: 789818
Sample: 547851-1-BKS
Units: ug/L

Date Prepared: 01/18/2010
Batch #: 1

Project ID:
Date Analyzed: 01/18/2010
Matrix: Water

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

VOCs by GC/MS by SM6200B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
1,1-Dichloroethene	<0.104	25.0	23.0	92	25	23.5	94	2	70-130	22	
Benzene	<0.119	25.0	24.6	98	25	24.7	99	0	70-130	20	
Chlorobenzene	<0.105	25.0	24.6	98	25	24.2	97	2	70-130	20	
Ethyl tert-butyl alcohol	<2.69	125	137	110	125	146	117	6	70-130	20	
T-Amyl Alcohol	<2.64	125	184	147	125	197	158	7	70-130	20	H
tert-Butyl formate	<1.60	125	204	163	125	216	173	6	70-130	20	H
Toluene	<0.057	25.0	24.7	99	25	24.4	98	1	70-130	20	
Trichloroethene	<0.139	25.0	25.2	101	25	25.2	101	0	70-130	20	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[B]
All results are based on MDL and Validated for QC Purposes

XENCO Laboratories

BS / BSD Recoveries

Project Name: Creekside Mini Mart

Work Order #: 358382 **Project ID:**

Analyst: 4124 **Date Prepared:** 01/14/2010 **Date Analyzed:** 01/14/2010

Lab Batch ID: 789660 **Sample:** 547768-1-BKS **Batch #:** 1 **Matrix:** Water

Units: ug/L

	BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY										
MADEP VPH REV 1.1 **Analytes**	**Blank Sample Result [A]**	**Spike Added [B]**	**Blank Spike Result [C]**	**Blank Spike %R [D]**	**Spike Added [E]**	**Blank Spike Duplicate Result [F]**	**Blk. Spk Dup. %R [G]**	**RPD %**	**Control Limits %R**	**Control Limits %RPD**	**Flag**
C5-C8 Aliphatics (Unadj.)	<30.0	240	255	106	240	242	101	5	70-130	25	
C9-C10 Aromatics (Unadj.)	<6.00	40.0	45.0	113	40	37.0	93	20	70-130	25	
C9-C12 Aliphatics (Unadj.)	<40.0	320	326	102	320	330	103	1	70-130	25	
Ethylbenzene	<5.00	40.0	42.0	105	40	43.0	108	2	75-150	35	
Toluene	<5.00	40.0	42.0	105	40	42.0	105	0	76-150	35	
MTBE	<5.00	40.0	38.0	95	40	37.0	93	3	75-150	35	
Benzene	<5.00	40.0	39.0	98	40	40.0	100	3	80-158	35	
Naphthalene	<5.00	40.0	47.0	118	40	46.0	115	2	75-175	58.9	
o-Xylene	<5.00	40.0	43.0	108	40	43.0	108	0	80-150	35	
o-Xylene	<5.00	40.0	43.0	108	40	43.0	108	0	80-150	35	
m,p-Xylene	<10.0	80.0	87.0	109	80	87.0	109	0	75-150	35	
m,p-Xylene	<10.0	80.0	87.0	109	80	87.0	109	0	75-150	35	
C5-C8 Aliphatics	<15.0	120	<15.0	0	120	<15.0	0	NC	30-130	25	L
C9-C12 Aliphatics	<15.0	120	<15.0	0	120	<15.0	0	NC	30-130	25	L

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

BS / BSD Recoveries

Project Name: Creekside Mini Mart

Work Order #: 358382
Analyst: 4124
Lab Batch ID: 790037 **Sample:** 548019-1-BKS **Batch #:** 1
Units: mg/kg

Date Prepared: 01/19/2010
Project ID:
Date Analyzed: 01/20/2010
Matrix: Solid

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

MADEP VPH REV 1.1 Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C5-C8 Aliphatics (Unadj.)	<1.50	12.0	12.5	104	12	12.2	102	2	70-130	25	
C9-C10 Aromatics (Unadj.)	<1.70	2.00	2.05	103	2	1.85	93	10	70-130	25	
C9-C12 Aliphatics (Unadj.)	<2.00	16.0	15.1	94	16	15.2	95	1	70-130	25	
Ethylbenzene	<0.250	2.00	2.05	103	2	2.00	100	2	70-130	25	
Toluene	<0.250	2.00	2.05	103	2	2.00	100	2	70-130	25	
MTBE	<0.250	2.00	2.15	108	2	2.05	103	5	70-130	25	
Benzene	<0.250	2.00	2.05	103	2	2.00	100	2	70-130	25	
Naphthalene	<0.250	2.00	2.10	105	2	2.20	110	5	70-130	25	
o-Xylene	<0.250	2.00	2.05	103	2	2.00	100	2	70-130	25	
m,p-Xylene	<0.500	4.00	4.15	104	4	4.10	103	1	70-130	25	

Analyst: 4150
Lab Batch ID: 789371 **Sample:** 547494-1-BKS **Batch #:** 1
Units: mg/L

Date Prepared: 01/13/2010
Date Analyzed: 01/13/2010
Matrix: Water

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

Select Metals by SW-846 6010B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Lead	<0.002	1.00	0.961	96	1	0.974	97	1	75-125	20	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

XENCO Laboratories

BS / BSD Recoveries

Project Name: Creekside Mini Mart

Work Order #: 358382
Analyst: 4148
Lab Batch ID: 789477
Sample: 547667-1-BKS
Units: mg/kg

Date Prepared: 01/14/2010
Batch #: 1

Project ID:
Date Analyzed: 01/14/2010
Matrix: Solid

VOCs by SW-846 8260B	BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY										
Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
1,1,1-Trichloroethane	<0.0008	0.050	0.056	112	0.05	0.047	94	17	50-150	20	
1,1,2,2-Tetrachloroethane	<0.0012	0.050	0.051	102	0.05	0.047	94	8	50-150	20	
1,1,2-Trichloroethane	<0.0007	0.050	0.051	102	0.05	0.047	94	8	50-150	20	
1,1-Dichloroethane	<0.0008	0.050	0.047	94	0.05	0.041	82	14	50-150	20	
1,1-Dichloroethene	<0.0012	0.050	0.051	102	0.05	0.043	86	17	35-170	20	
1,1-Dichloropropene	<0.0005	0.050	0.060	120	0.05	0.049	98	20	50-150	20	
1,2,3-Trichlorobenzene	<0.0006	0.050	0.065	130	0.05	0.057	114	13	50-150	20	
1,2,3-Trichloropropane	<0.0016	0.050	0.050	100	0.05	0.046	92	8	50-150	20	
1,2,4-Trichlorobenzene	<0.0009	0.050	0.072	144	0.05	0.061	122	17	50-150	20	
1,2,4-Trimethylbenzene	<0.0007	0.050	0.062	124	0.05	0.053	106	16	50-150	20	
1,2-Dibromoethane (EDB)	<0.0009	0.050	0.053	106	0.05	0.049	98	8	50-150	20	
1,2-Dichlorobenzene	<0.0013	0.050	0.057	114	0.05	0.050	100	13	50-150	20	
1,2-Dichloroethane	<0.0006	0.050	0.047	94	0.05	0.043	86	9	50-150	20	
1,2-Dichloropropane	<0.0009	0.050	0.052	104	0.05	0.045	90	14	50-150	20	
1,3,5-Trimethylbenzene	<0.0008	0.050	0.063	126	0.05	0.053	106	17	50-150	20	
1,3-Dichlorobenzene	<0.0010	0.050	0.058	116	0.05	0.050	100	15	50-150	20	
1,3-Dichloropropane	<0.0007	0.050	0.050	100	0.05	0.046	92	8	50-150	20	
1,4-Dichlorobenzene	<0.0007	0.050	0.057	114	0.05	0.049	98	15	50-150	20	
2,2-Dichloropropane	<0.0006	0.050	0.055	110	0.05	0.046	92	18	50-150	20	
2-Butanone (MEK)	<0.0091	0.10	0.086	86	0.1	0.084	84	2	50-150	20	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(G)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

XENCO Laboratories

BS / BSD Recoveries

Project Name: Creekside Mini Mart

Work Order #: 358382 **Project ID:**

Analyst: 4148 **Date Prepared:** 01/14/2010 **Date Analyzed:** 01/14/2010

Lab Batch ID: 789477 **Sample:** 547667-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

VOCs by SW-846 8260B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
2-Chlorotoluene	<0.0007	0.050	0.058	116	0.05	0.049	98	17	50-150	20	
2-Hexanone	<0.0011	0.10	0.093	93	0.1	0.094	94	1	50-150	20	
4-Chlorotoluene	<0.0006	0.050	0.057	114	0.05	0.049	98	15	50-150	20	
4-Methyl-2-pentanone (MIBK)	<0.0032	0.10	0.092	92	0.1	0.092	92	0	50-150	20	
Acetone	<0.0069	0.10	0.076	76	0.1	0.073	73	4	50-150	20	
Benzene	<0.0005	0.050	0.054	108	0.05	0.046	92	16	38-158	20	
Bromobenzene	<0.0009	0.050	0.054	108	0.05	0.046	92	16	50-150	20	
Bromochloromethane	<0.0010	0.050	0.049	98	0.05	0.045	90	9	50-150	20	
Bromodichloromethane	<0.0005	0.050	0.053	106	0.05	0.047	94	12	50-150	20	
Bromoform	<0.0010	0.050	0.054	108	0.05	0.049	98	10	50-150	20	
Bromomethane	<0.0025	0.050	0.044	88	0.05	0.043	86	2	50-150	20	
Carbon tetrachloride	<0.0007	0.050	0.055	110	0.05	0.053	106	4	50-150	20	
Chlorobenzene	<0.0006	0.050	0.053	106	0.05	0.046	92	14	47-153	20	
Chloroethane	<0.0024	0.050	0.042	84	0.05	0.041	82	2	50-150	20	
Chloroform	<0.0007	0.050	0.052	104	0.05	0.046	92	12	50-150	20	
Chloromethane	<0.0023	0.050	0.042	84	0.05	0.041	82	2	50-150	20	
cis-1,2-Dichloroethene	<0.0007	0.050	0.050	100	0.05	0.041	82	20	50-150	20	
cis-1,3-Dichloropropene	<0.0005	0.050	0.053	106	0.05	0.046	92	14	50-150	20	
Dibromochloromethane	<0.0010	0.050	0.055	110	0.05	0.050	100	10	50-150	20	
Dichlorodifluoromethane	<0.0012	0.050	0.050	100	0.05	0.048	96	4	50-150	20	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

XENCO Laboratories

BS / BSD Recoveries

Project Name: Creekside Mini Mart

Work Order #: 358382
Analyst: 4148
Lab Batch ID: 789477
Sample: 547667-1-BKS
Units: mg/kg

Date Prepared: 01/14/2010
Batch #: 1

Project ID:
Date Analyzed: 01/14/2010
Matrix: Solid

VOCs by SW-846 8260B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Ethanol	<0.028	1.0	0.76	76	1	0.76	76	0	-	20	
Ethylbenzene	<0.0006	0.050	0.056	112	0.05	0.048	96	15	50-150	20	
Isopropyl Ether	<0.0013	0.050	0.046	92	0.05	0.040	80	14	50-150	20	
Isopropylbenzene	<0.0008	0.050	0.064	128	0.05	0.053	106	19	50-150	20	
m,p-Xylenes	<0.0012	0.10	0.12	120	0.1	0.098	98	20	50-150	20	
Methyl tert-butyl ether	<0.0007	0.10	0.095	95	0.1	0.089	89	7	50-150	20	
Methylene chloride	0.0038	0.050	0.050	100	0.05	0.046	92	8	50-150	20	
Naphthalene	<0.0013	0.050	0.055	110	0.05	0.051	102	8	50-150	20	
n-Butylbenzene	<0.0009	0.050	0.067	134	0.05	0.055	110	20	50-150	20	
n-Propylbenzene	<0.0008	0.050	0.061	122	0.05	0.050	100	20	50-150	20	
o-Xylene	<0.0007	0.050	0.060	120	0.05	0.053	106	12	50-150	20	
p-Isopropyltoluene	<0.0008	0.050	0.061	122	0.05	0.051	102	18	50-150	20	
sec-Butylbenzene	<0.0007	0.050	0.064	128	0.05	0.053	106	19	50-150	20	
Styrene	<0.0007	0.050	0.060	120	0.05	0.052	104	14	50-150	20	
tert-Butylbenzene	<0.0008	0.050	0.063	126	0.05	0.053	106	17	50-150	20	
Tetrachloroethene	<0.0010	0.050	0.059	118	0.05	0.050	100	17	70-130	20	
Toluene	<0.0006	0.050	0.054	108	0.05	0.046	92	16	50-150	20	
trans-1,2-Dichloroethene	<0.0008	0.050	0.049	98	0.05	0.042	84	15	50-150	20	
trans-1,3-Dichloropropene	<0.0007	0.050	0.051	102	0.05	0.046	92	10	50-150	20	
Trichloroethene	<0.0007	0.050	0.052	104	0.05	0.044	88	17	50-150	20	

Relative Percent Difference RPD = 200*(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

XENCO Laboratories

BS / BSD Recoveries

Project Name: Creekside Mini Mart

Work Order #: 358382
Analyst: 4148
Lab Batch ID: 789477
Sample: 547667-1-BKS
Units: mg/kg

Date Prepared: 01/14/2010
Batch #: 1

Project ID:
Date Analyzed: 01/14/2010
Matrix: Solid

VOCs by SW-846 8260B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Trichlorofluoromethane	<0.0035	0.050	0.042	84	0.05	0.042	84	0	50-150	20	
Vinyl acetate	<0.0007	0.050	0.048	96	0.05	0.045	90	6	50-150	20	
Vinyl chloride	<0.0020	0.050	0.044	88	0.05	0.043	86	2	50-150	20	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

XENCO Laboratories

BS / BSD Recoveries

Project Name: Creekside Mini Mart

Work Order #: 358382 **Project ID:**

Analyst: 4124 **Date Prepared:** 01/14/2010 **Date Analyzed:** 01/14/2010

Lab Batch ID: 789492 **Sample:** 547679-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

VOCs by SW-846 8260B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
1,1,1-Trichloroethane	<0.0008	0.050	0.062	124	0.05	0.064	128	3	50-150	20	
1,1,2,2-Tetrachloroethene	<0.0012	0.050	0.044	88	0.05	0.045	90	2	50-150	20	
1,1,2-Trichloroethane	<0.0007	0.050	0.046	92	0.05	0.045	90	2	50-150	20	
1,1-Dichloroethane	<0.0008	0.050	0.052	104	0.05	0.050	100	4	50-150	20	
1,1-Dichloroethene	<0.0012	0.050	0.051	102	0.05	0.052	104	2	35-170	20	
1,1-Dichloropropene	<0.0005	0.050	0.049	98	0.05	0.051	102	4	50-150	20	
1,2,3-Trichlorobenzene	<0.0006	0.050	0.048	96	0.05	0.047	94	2	50-150	20	
1,2,3-Trichloropropane	<0.0016	0.050	0.051	102	0.05	0.052	104	2	50-150	20	
1,2,4-Trichlorobenzene	<0.0009	0.050	0.050	100	0.05	0.048	96	4	50-150	20	
1,2,4-Trimethylbenzene	<0.0007	0.050	0.051	102	0.05	0.049	98	4	50-150	20	
1,2-Dibromoethane (EDB)	<0.0009	0.050	0.051	102	0.05	0.050	100	2	50-150	20	
1,2-Dichlorobenzene	<0.0013	0.050	0.048	96	0.05	0.046	92	4	50-150	20	
1,2-Dichloroethene	<0.0006	0.050	0.055	110	0.05	0.054	108	2	50-150	20	
1,2-Dichloropropane	<0.0009	0.050	0.044	88	0.05	0.044	88	0	50-150	20	
1,3,5-Trimethylbenzene	<0.0008	0.050	0.051	102	0.05	0.050	100	2	50-150	20	
1,3-Dichlorobenzene	<0.0010	0.050	0.049	98	0.05	0.047	94	4	50-150	20	
1,3-Dichloropropane	<0.0007	0.050	0.047	94	0.05	0.046	92	2	50-150	20	
1,4-Dichlorobenzene	<0.0007	0.050	0.049	98	0.05	0.048	96	2	50-150	20	
2,2-Dichloropropane	<0.0006	0.050	0.074	148	0.05	0.074	148	0	50-150	20	
2-Butanone (MEK)	<0.0091	0.10	0.092	92	0.1	0.094	94	2	50-150	20	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

XENCO Laboratories

BS / BSD Recoveries

Project Name: Creekside Mini Mart

Work Order #: 358382
Analyst: 4124
Lab Batch ID: 789492
Sample: 547679-1-BKS
Units: mg/kg

Date Prepared: 01/14/2010
Batch #: 1

Project ID:
Date Analyzed: 01/14/2010
Matrix: Solid

VOCs by SW-846 8260B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
2-Chlorotoluene	<0.0007	0.050	0.049	98	0.05	0.047	94	4	50-150	20	
2-Hexanone	<0.0011	0.10	0.096	96	0.1	0.097	97	1	50-150	20	
4-Chlorotoluene	<0.0006	0.050	0.049	98	0.05	0.048	96	2	50-150	20	
4-Methyl-2-pentanone (MIBK)	<0.0032	0.10	0.099	99	0.1	0.097	97	2	50-150	20	
Acetone	<0.0069	0.10	0.10	100	0.1	0.093	93	7	50-150	20	
Benzene	<0.0005	0.050	0.045	90	0.05	0.045	90	0	38-158	20	
Bromobenzene	<0.0009	0.050	0.048	96	0.05	0.047	94	2	50-150	20	
Bromochloromethane	<0.0010	0.050	0.053	106	0.05	0.051	102	4	50-150	20	
Bromodichloromethane	<0.0005	0.050	0.055	110	0.05	0.053	106	4	50-150	20	
Bromoform	<0.0010	0.050	0.058	116	0.05	0.058	116	0	50-150	20	
Bromomethane	<0.0025	0.050	0.062	124	0.05	0.064	128	3	50-150	20	
Carbon tetrachloride	<0.0007	0.050	0.061	122	0.05	0.064	128	5	50-150	20	
Chlorobenzene	<0.0006	0.050	0.048	96	0.05	0.047	94	2	47-153	20	
Chloroethane	<0.0024	0.050	0.045	90	0.05	0.049	98	9	50-150	20	
Chloroform	<0.0007	0.050	0.053	106	0.05	0.052	104	2	50-150	20	
Chloromethane	<0.0023	0.050	0.060	120	0.05	0.057	114	5	50-150	20	
cis-1,2-Dichloroethene	<0.0007	0.050	0.051	102	0.05	0.049	98	4	50-150	20	
cis-1,3-Dichloropropene	<0.0005	0.050	0.052	104	0.05	0.051	102	2	50-150	20	
Dibromochloromethane	<0.0010	0.050	0.058	116	0.05	0.056	112	4	50-150	20	
Dichlorodifluoromethane	<0.0012	0.050	0.058	116	0.05	0.059	118	2	50-150	20	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

XENCO Laboratories

BS / BSD Recoveries

Project Name: Creekside Mini Mart

Work Order #: 358382 **Project ID:**

Analyst: 4124 **Date Prepared:** 01/14/2010 **Date Analyzed:** 01/14/2010

Lab Batch ID: 789492 **Sample:** 547679-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

VOCs by SW-846 8260B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Ethanol	<0.028	1.0	0.85	85	1	0.90	90	6	-	20	
Ethylbenzene	<0.0006	0.050	0.049	98	0.05	0.048	96	2	50-150	20	
Isopropyl Ether	<0.0013	0.050	0.051	102	0.05	0.049	98	4	50-150	20	
Isopropylbenzene	<0.0008	0.050	0.049	98	0.05	0.048	96	2	50-150	20	
m,p-Xylenes	<0.0012	0.10	0.097	97	0.1	0.095	95	2	50-150	20	
Methyl tert-butyl ether	<0.0007	0.10	0.12	120	0.1	0.11	110	9	50-150	20	
Methylene chloride	<0.0022	0.050	0.048	96	0.05	0.048	96	0	50-150	20	
Naphthalene	<0.0013	0.050	0.051	102	0.05	0.051	102	0	50-150	20	
n-Butylbenzene	<0.0009	0.050	0.052	104	0.05	0.051	102	2	50-150	20	
n-Propylbenzene	<0.0008	0.050	0.048	96	0.05	0.047	94	2	50-150	20	
o-Xylene	<0.0007	0.050	0.051	102	0.05	0.050	100	2	50-150	20	
p-Isopropyltoluene	<0.0008	0.050	0.053	106	0.05	0.052	104	2	50-150	20	
sec-Butylbenzene	<0.0007	0.050	0.049	98	0.05	0.049	98	0	50-150	20	
Styrene	<0.0007	0.050	0.052	104	0.05	0.051	102	2	50-150	20	
tert-Butylbenzene	<0.0008	0.050	0.051	102	0.05	0.050	100	2	50-150	20	
Tetrachloroethene	<0.0010	0.050	0.050	100	0.05	0.051	102	2	70-130	20	
Toluene	<0.0006	0.050	0.046	92	0.05	0.045	90	2	50-150	20	
trans-1,2-Dichloroethene	<0.0008	0.050	0.051	102	0.05	0.049	98	4	50-150	20	
trans-1,3-Dichloropropene	<0.0007	0.050	0.057	114	0.05	0.055	110	4	50-150	20	
Trichloroethene	<0.0007	0.050	0.051	102	0.05	0.050	100	2	50-150	20	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

XENCO Laboratories

BS / BSD Recoveries

Project Name: Creekside Mini Mart

Work Order #: 358382
Analyst: 4124
Lab Batch ID: 789492
Sample: 547679-1-BKS
Units: mg/kg

Date Prepared: 01/14/2010
Batch #: 1

Project ID:
Date Analyzed: 01/14/2010
Matrix: Solid

VOCs by SW-846 8260B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Trichlorofluoromethane	<0.0035	0.050	0.063	126	0.05	0.068	136	8	50-150	20	
Vinyl acetate	<0.0007	0.050	0.050	100	0.05	0.049	98	2	50-150	20	
Vinyl chloride	<0.0020	0.050	0.059	118	0.05	0.063	126	7	50-150	20	

Relative Percent Difference RPD = 200*|(C-F)/(C+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

Form 3 - MS / MSD Recoveries

Project Name: Creekside Mini Mart

Work Order # : 358382 **Project ID:**

Lab Batch ID: 789818 **QC- Sample ID:** 358814-001 S **Batch #:** 1 **Matrix:** Water

Date Analyzed: 01/18/2010 **Date Prepared:** 01/18/2010 **Analyst:** 4148

Reporting Units: ug/L

VOCs by GC/MS by SM6200B Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
1,1-Dichloroethene	<0.500	25.0	21.3	85	25.0	22.3	89	5	70-130	22	
Benzene	<0.500	25.0	23.6	94	25.0	25.1	100	6	70-130	20	
Chlorobenzene	<0.500	25.0	23.7	95	25.0	25.0	100	5	70-130	20	
Ethyl tert-butyl alcohol	<5.00	125	122	98	125	136	109	11	70-130	20	
T-Amyl Alcohol	<5.00	125	149	119	125	180	144	19	70-130	20	X
tert-Butyl formate	<5.00	125	179	143	125	200	160	11	70-130	20	X
Toluene	0.480	25.0	24.2	95	25.0	25.1	98	4	70-130	20	
Trichloroethene	<0.500	25.0	23.9	96	25.0	25.7	103	7	70-130	20	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Form 3 - MS / MSD Recoveries

Project Name: Creekside Mini Mart

Work Order #: 358382 **Project ID:**

Lab Batch ID: 789660 **QC- Sample ID:** 357818-002 S **Batch #:** 1 **Matrix:** Water

Date Analyzed: 01/15/2010 **Date Prepared:** 01/14/2010 **Analyst:** 4124

Reporting Units: ug/L

MADEP VPH REV 1.1 Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C5-C8 Aliphatics (Unadj.)	79.0	240	283	85	240	291	88	3	70-130	25	
C9-C10 Aromatics (Unadj.)	<6.00	40.0	48.0	120	40.0	49.0	123	2	70-130	25	
C9-C12 Aliphatics (Unadj.)	<40.0	320	357	112	320	357	112	0	70-130	25	
Ethylbenzene	<5.00	40.0	40.0	100	40.0	40.0	100	0	75-150	35	
Toluene	<5.00	40.0	39.0	98	40.0	40.0	100	3	76-150	35	
MTBE	<5.00	40.0	38.0	95	40.0	42.0	105	10	75-150	35	
Benzene	10.0	40.0	46.0	90	40.0	47.0	93	2	80-158	35	
Naphthalene	<5.00	40.0	40.0	100	40.0	43.0	108	7	75-175	58.9	
o-Xylene	<5.00	40.0	39.0	98	40.0	40.0	100	3	80-150	35	
o-Xylene	<5.00	40.0	39.0	98	40.0	40.0	100	3	80-150	35	
m,p-Xylene	<10.0	80.0	78.0	98	80.0	79.0	99	1	75-150	35	
m,p-Xylene	<10.0	80.0	78.0	98	80.0	79.0	99	1	75-150	35	
C5-C8 Aliphatics	69.0	120	<15.0	0	120	<15.0	0	NC	30-130	25	X
C9-C12 Aliphatics	<15.0	120	<15.0	0	120	<15.0	0	NC	30-130	25	X

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/B

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Form 3 - MS / MSD Recoveries

Project Name: Creekside Mini Mart

Work Order #: 358382 **Project ID:**

Lab Batch ID: 790037 **QC- Sample ID:** 358099-001 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 01/20/2010 **Date Prepared:** 01/19/2010 **Analyst:** 4124

Reporting Units: mg/kg

MADEP VPH REV 1.1 Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C5-C8 Aliphatics (Unadj.)	<2.19	17.5	16.5	94	17.5	18.4	105	11	70-130	25	
C9-C10 Aromatics (Unadj.)	<2.49	2.92	2.56	88	2.92	2.56	88	0	70-130	25	
C9-C12 Aliphatics (Unadj.)	<2.92	23.4	21.5	92	23.4	23.0	98	7	70-130	25	
Ethylbenzene	<0.366	2.92	2.78	95	2.92	3.07	105	10	70-130	25	
Toluene	<0.366	2.92	2.71	93	2.92	3.07	105	12	70-130	25	
MTBE	<0.366	2.92	2.63	90	2.92	3.07	105	15	70-130	25	
Benzene	<0.366	2.92	2.71	93	2.92	3.07	105	12	70-130	25	
Naphthalene	<0.366	2.92	2.71	93	2.92	3.22	110	17	70-130	25	
o-Xylene	<0.366	2.92	2.85	98	2.92	3.14	108	10	70-130	25	
m,p-Xylene	<0.731	5.85	5.70	97	5.85	6.29	108	10	70-130	25	

Lab Batch ID: 789371 **QC- Sample ID:** 358379-001 S **Batch #:** 1 **Matrix:** Water

Date Analyzed: 01/13/2010 **Date Prepared:** 01/13/2010 **Analyst:** 4150

Reporting Units: mg/L

Select Metals by SW-846 6010B Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Lead	0.015	1.00	0.982	97	1.00	0.966	95	2	75-125	20	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Form 3 - MS / MSD Recoveries

Project Name: Creekside Mini Mart

Work Order # : 358382 **Project ID:**

Lab Batch ID: 789477 **QC- Sample ID:** 358454-006 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 01/14/2010 **Date Prepared:** 01/14/2010 **Analyst:** 4148

Reporting Units: mg/kg

VOCs by SW-846 8260B	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
1,1,1-Trichloroethane	<0.0049	0.048	0.041	85	0.048	0.041	85	0	50-150	20	
1,1,2,2-Tetrachloroethane	<0.0049	0.048	0.082	171	0.048	0.080	167	2	50-150	20	X
1,1,2-Trichloroethane	<0.0049	0.048	0.058	121	0.048	0.061	127	5	50-150	20	
1,1-Dichloroethane	<0.0049	0.048	0.037	77	0.048	0.038	79	3	50-150	20	
1,1-Dichloroethene	<0.0049	0.048	0.039	81	0.048	0.039	81	0	35-170	20	
1,1-Dichloropropene	<0.0049	0.048	0.049	102	0.048	0.049	102	0	50-150	20	
1,2,3-Trichlorobenzene	<0.0049	0.048	0.048	100	0.048	0.043	90	11	50-150	20	
1,2,3-Trichloropropane	<0.0049	0.048	0.083	173	0.048	0.081	169	2	50-150	20	X
1,2,4-Trichlorobenzene	<0.0049	0.048	0.054	113	0.048	0.049	102	10	50-150	20	
1,2,4-Trimethylbenzene	0.0023	0.048	0.058	116	0.048	0.057	114	2	50-150	20	
1,2-Dibromoethane (EDB)	<0.0049	0.048	0.062	129	0.048	0.063	131	2	50-150	20	
1,2-Dichlorobenzene	<0.0049	0.048	0.055	115	0.048	0.054	113	2	50-150	20	
1,2-Dichloroethane	<0.0049	0.048	0.042	88	0.048	0.042	88	0	50-150	20	
1,2-Dichloropropane	<0.0049	0.048	0.046	96	0.048	0.046	96	0	50-150	20	
1,3,5-Trimethylbenzene	<0.0049	0.048	0.058	121	0.048	0.058	121	0	50-150	20	
1,3-Dichlorobenzene	<0.0049	0.048	0.054	113	0.048	0.053	110	2	50-150	20	
1,3-Dichloropropane	<0.0049	0.048	0.053	110	0.048	0.053	110	0	50-150	20	
1,4-Dichlorobenzene	<0.0049	0.048	0.054	113	0.048	0.053	110	2	50-150	20	
2,2-Dichloropropane	<0.0049	0.048	0.043	90	0.048	0.044	92	2	50-150	20	
2-Butanone (MEK)	<0.049	0.096	0.19	198	0.095	0.20	211	5	50-150	20	X
2-Chlorotoluene	<0.0049	0.048	0.055	115	0.048	0.054	113	2	50-150	20	
2-Hexanone	<0.049	0.096	0.19	198	0.095	0.19	200	0	50-150	20	X
4-Chlorotoluene	<0.0049	0.048	0.056	117	0.048	0.053	110	6	50-150	20	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

XENCO Laboratories

Form 3 - MS / MSD Recoveries

Project Name: Creekside Mini Mart

Work Order # : 358382

Project ID:

Lab Batch ID: 789477 QC- Sample ID: 358454-006 S Batch #: 1 Matrix: Soil

Date Analyzed: 01/14/2010 Date Prepared: 01/14/2010 Analyst: 4148

Reporting Units: mg/kg

VOCs by SW-846 8260B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
4-Methyl-2-pentanone (MIBK)	<0.049	0.096	0.17	177	0.095	0.17	179	0	50-150	20	X
Acetone	<0.049	0.096	0.19	198	0.095	0.21	221	10	50-150	20	X
Benzene	<0.0049	0.048	0.047	98	0.048	0.046	96	2	38-158	20	
Bromobenzene	<0.0049	0.048	0.055	115	0.048	0.054	113	2	50-150	20	
Bromochloromethane	<0.0049	0.048	0.046	96	0.048	0.047	98	2	50-150	20	
Bromodichloromethane	<0.0049	0.048	0.045	94	0.048	0.045	94	0	50-150	20	
Bromoform	<0.0049	0.048	0.075	156	0.048	0.073	152	3	50-150	20	X
Bromomethane	<0.0049	0.048	0.042	88	0.048	0.042	88	0	50-150	20	
Carbon tetrachloride	<0.0049	0.048	0.041	85	0.048	0.040	83	2	50-150	20	
Chlorobenzene	<0.0097	0.048	0.046	96	0.048	0.046	96	0	47-153	20	
Chloroethane	<0.0049	0.048	0.040	83	0.048	0.038	79	5	50-150	20	
Chloroform	<0.0049	0.048	0.040	83	0.048	0.039	81	3	50-150	20	
Chloromethane	<0.0049	0.048	0.047	98	0.048	0.045	94	4	50-150	20	
cis-1,2-Dichloroethene	<0.0049	0.048	0.042	88	0.048	0.042	88	0	50-150	20	
cis-1,3-Dichloropropene	<0.0049	0.048	0.047	98	0.048	0.047	98	0	50-150	20	
Dibromochloromethane	<0.0049	0.048	0.053	110	0.048	0.054	113	2	50-150	20	
Dichlorodifluoromethane	<0.0049	0.048	0.075	156	0.048	0.077	160	3	50-150	20	X
Ethanol	<0.049	0.96	1.7	177	0.95	2.4	253	34	-	20	F
Ethylbenzene	<0.0049	0.048	0.047	98	0.048	0.047	98	0	50-150	20	
Isopropyl Ether	<0.049	0.048	0.038	79	0.048	0.039	81	3	50-150	20	
Isopropylbenzene	<0.0049	0.048	0.063	131	0.048	0.063	131	0	50-150	20	
m,p-Xylenes	<0.0097	0.096	0.098	102	0.095	0.099	104	1	50-150	20	
Methyl tert-butyl ether	<0.0049	0.096	0.099	103	0.095	0.10	105	1	50-150	20	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Form 3 - MS / MSD Recoveries

Project Name: Creekside Mini Mart

Work Order #: 358382 **Project ID:**

Lab Batch ID: 789477 **QC- Sample ID:** 358454-006 S **Batch #:** 1 **Matrix:** Soil

Date Analyzed: 01/14/2010 **Date Prepared:** 01/14/2010 **Analyst:** 4148

Reporting Units: mg/kg

VOCs by SW-846 8260B Analytes	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Methylene chloride	<0.0049	0.048	0.038	79	0.048	0.038	79	0	50-150	20	
Naphthalene	0.0062	0.048	0.075	143	0.048	0.063	118	17	50-150	20	
n-Butylbenzene	<0.0049	0.048	0.061	127	0.048	0.062	129	2	50-150	20	
n-Propylbenzene	<0.0049	0.048	0.060	125	0.048	0.061	127	2	50-150	20	
o-Xylene	<0.0049	0.048	0.053	110	0.048	0.053	110	0	50-150	20	
p-Isopropyltoluene	<0.0049	0.048	0.056	117	0.048	0.056	117	0	50-150	20	
sec-Butylbenzene	<0.0049	0.048	0.060	125	0.048	0.060	125	0	50-150	20	
Styrene	<0.0049	0.048	0.051	106	0.048	0.052	108	2	50-150	20	
tert-Butylbenzene	<0.0049	0.048	0.060	125	0.048	0.061	127	2	50-150	20	
Tetrachloroethene	<0.0049	0.048	0.051	106	0.048	0.052	108	2	70-130	20	
Toluene	<0.0049	0.048	0.046	96	0.048	0.046	96	0	50-150	20	
trans-1,2-Dichloroethene	<0.0049	0.048	0.040	83	0.048	0.040	83	0	50-150	20	
trans-1,3-Dichloropropene	<0.0049	0.048	0.049	102	0.048	0.049	102	0	50-150	20	
Trichloroethene	<0.0049	0.048	0.043	90	0.048	0.043	90	0	50-150	20	
Trichlorofluoromethane	<0.0049	0.048	0.037	77	0.048	0.040	83	8	50-150	20	
Vinyl acetate	<0.0049	0.048	0.056	117	0.048	0.057	119	2	50-150	20	
Vinyl chloride	<0.0049	0.048	0.049	102	0.048	0.050	104	2	50-150	20	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present In Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

XENCO Laboratories

Sample Duplicate Recovery

Project Name: Creekside Mini Mart

Work Order #: 358382

Lab Batch #: 789818 **Project ID:**

Date Analyzed: 01/18/2010 **Date Prepared:** 01/18/2010 **Analyst:** 4148

QC- Sample ID: 358814-001 D **Batch #:** 1 **Matrix:** Water

Reporting Units: ug/L

VOCs by GC/MS by SM6200B	SAMPLE / SAMPLE DUPLICATE RECOVERY				
Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
1,1,1-Trichloroethane	<0.500	<0.500	NC	20	
1,1,2,2-Tetrachloroethane	<0.500	<0.500	NC	20	
1,1,2-Trichloroethane	<0.500	<0.500	NC	20	
1,1-Dichloroethane	<0.500	<0.500	NC	20	
1,1-Dichloroethene	<0.500	<0.500	NC	22	
1,1-Dichloropropene	<0.500	<0.500	NC	20	
1,2,3-Trichlorobenzene	<2.00	<2.00	NC	20	
1,2,3-Trichloropropane	<1.00	<1.00	NC	20	
1,2,4-Trichlorobenzene	<1.00	<1.00	NC	20	
1,2,4-Trimethylbenzene	1.31	0.850	43	20	F
1,2-Dichlorobenzene	<0.500	<0.500	NC	20	
1,2-Dichloroethane	<0.500	<0.500	NC	20	
1,2-Dichloropropane	<0.500	<0.500	NC	20	
1,3,5-trimethylbenzene	1.41	0.900	44	20	F
1,3-Dichlorobenzene	<0.500	<0.500	NC	20	
1,3-Dichloropropane	<0.500	<0.500	NC	20	
1,4-Dichlorobenzene	<0.500	<0.500	NC	20	
2,2-Dichloropropane	<2.00	<2.00	NC	20	
2-Butanone	<20.0	<20.0	NC	20	
2-Chlorotoluene	<0.500	<0.500	NC	20	
4-Chlorotoluene	<0.500	<0.500	NC	20	
4-Methyl-2-Pentanone	<40.0	<40.0	NC	20	
Acetone	<15.0	<15.0	NC	21	
Benzene	<0.500	<0.500	NC	20	
Bromobenzene	<0.500	<0.500	NC	20	
Bromochloromethane	<0.500	<0.500	NC	20	
Bromodichloromethane	<0.500	<0.500	NC	20	
Bromoform	<2.00	<2.00	NC	20	
Bromomethane	<1.00	<1.00	NC	20	
Carbon Tetrachloride	<0.500	<0.500	NC	20	
Chlorobenzene	<0.500	<0.500	NC	20	
Chloroethane	<0.500	<0.500	NC	20	
Chloroform	<0.500	<0.500	NC	20	
Chloromethane	<0.500	<0.500	NC	20	

Spike Relative Difference RPD 200 * | (B-A)/(B+A) |
All Results are based on MDL and validated for QC purposes.
BRL - Below Reporting Limit

XENCO Laboratories

Sample Duplicate Recovery

Project Name: Creekside Mini Mart

Work Order #: 358382

Lab Batch #: 789818 **Project ID:**

Date Analyzed: 01/18/2010 **Date Prepared:** 01/18/2010 **Analyst:** 4148

QC- Sample ID: 358814-001 D **Batch #:** 1 **Matrix:** Water

Reporting Units: ug/L

VOCs by GC/MS by SM6200B	SAMPLE / SAMPLE DUPLICATE RECOVERY				
Analyte		Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
cis-1,2-Dichloroethene	<0.500	<0.500	NC	20	
cis-1,3-Dichloropropene	<1.00	<1.00	NC	20	
Ethyl tert-butyl alcohol	<5.00	<5.00	NC	20	
Dibromochloromethane	<0.500	<0.500	NC	20	
Dichlorodifluoromethane	<1.00	<1.00	NC	20	
Diisopropyl ether	<0.500	<0.500	NC	20	
Ethanol	<200	<200	NC	20	
Ethylbenzene	1.14	0.710	46	20	F
T-Amyl Alcohol	<5.00	<5.00	NC	20	
Isopropylbenzene	<0.500	<0.500	NC	20	
tert-Butyl formate	<5.00	<5.00	NC	20	
m,p-Xylenes	3.73	2.49	40	20	F
Methylene Chloride	<0.500	<0.500	NC	20	
MTBE	<0.500	<0.500	NC	20	
Naphthalene	1.47	1.43	3	20	
n-Butylbenzene	<2.00	<2.00	NC	20	
n-Propylbenzene	<1.00	<1.00	NC	20	
o-Xylene	1.18	0.710	50	20	F
p-Cymene (p-Isopropyltoluene)	<0.500	<0.500	NC	20	
Sec-Butylbenzene	<0.500	<0.500	NC	20	
Styrene	<0.500	<0.500	NC	20	
tert-Amyl methyl Ether	<8.00	<8.00	NC	20	
tert-butyl alcohol	<4.00	<4.00	NC	20	
tert-Butylbenzene	<0.500	<0.500	NC	20	
Tetrachloroethylene	<0.500	<0.500	NC	20	
Toluene	0.480	0.360	29	20	F
trans-1,2-dichloroethene	<0.500	<0.500	NC	20	
trans-1,3-dichloropropene	<2.00	<2.00	NC	20	
Trichloroethene	<0.500	<0.500	NC	20	
Trichlorofluoromethane	<0.500	<0.500	NC	20	
Vinyl Acetate	<10.0	<10.0	NC	20	
Vinyl Chloride	<0.500	<0.500	NC	20	

Spike Relative Difference RPD 200 * | (B-A)/(B+A) |
All Results are based on MDL and validated for QC purposes.
BRL - Below Reporting Limit

XENCO Laboratories

Sample Duplicate Recovery

Project Name: Creekside Mini Mart

Work Order #: 358382

Lab Batch #: 789660 **Project ID:**

Date Analyzed: 01/15/2010 **Date Prepared:** 01/14/2010 **Analyst:** 4124

QC- Sample ID: 358098-001 D **Batch #:** 1 **Matrix:** Water

Reporting Units: ug/L

MADEP VPH REV 1.1	SAMPLE / SAMPLE DUPLICATE RECOVERY				
Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
C5-C8 Aliphatics (Unadj.)	2060	1920	7	25	
C9-C10 Aromatics (Unadj.)	3990	3680	8	25	
C9-C12 Aliphatics (Unadj.)	7790	7310	6	25	
Ethylbenzene	670	635	5	35	
Toluene	75.0	75.0	0	35	
MTBE	<25.0	<25.0	NC	35	
Benzene	35.0	30.0	15	35	
Naphthalene	305	305	0	59	
o-Xylene	615	585	5	35	
o-Xylene	615	585	5	35	
m,p-Xylene	610	580	5	35	
m,p-Xylene	610	580	5	35	
C5-C8 Aliphatics	1950	1820	7	25	
C9-C12 Aliphatics	3880	3490	11	25	

Spike Relative Difference RPD 200 * |(B-A)/(B+A)

All Results are based on MDL and validated for QC purposes.

BRL - Below Reporting Limit

XENCO Laboratories

Sample Duplicate Recovery

Project Name: Creekside Mini Mart

Work Order #: 358382

Lab Batch #: 790037 **Project ID:**

Date Analyzed: 01/19/2010 **Date Prepared:** 01/19/2010 **Analyst:** 4124

QC- Sample ID: 358099-001 D **Batch #:** 1 **Matrix:** Soil

Reporting Units: mg/kg

MADEP VPH REV 1.1	SAMPLE / SAMPLE DUPLICATE RECOVERY				
Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
C5-C8 Aliphatics (Unadj.)	<2.19	<2.19	NC	25	
C9-C10 Aromatics (Unadj.)	<2.49	<2.49	NC	25	
C9-C12 Aliphatics (Unadj.)	<2.92	<2.92	NC	25	
Ethylbenzene	<0.366	<0.366	NC	25	
Toluene	<0.366	<0.366	NC	25	
MTBE	<0.366	<0.366	NC	25	
Benzene	<0.366	<0.366	NC	25	
Naphthalene	<0.366	<0.366	NC	25	
o-Xylene	<0.366	<0.366	NC	25	
o-Xylene	<0.366	<0.366	NC	25	
m,p-Xylene	<0.731	<0.731	NC	25	
m,p-Xylene	<0.731	<0.731	NC	25	
C5-C8 Aliphatics	<1.10	<1.10	NC	25	
C9-C12 Aliphatics	<1.10	<1.10	NC	25	

Lab Batch #: 789371

Date Analyzed: 01/13/2010 **Date Prepared:** 01/13/2010 **Analyst:** 4150

QC- Sample ID: 358379-001 D **Batch #:** 1 **Matrix:** Water

Reporting Units: mg/L

Select Metals by SW-846 6010B	SAMPLE / SAMPLE DUPLICATE RECOVERY				
Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Lead	0.015	0.018	18	20	

Spike Relative Difference RPD 200 * [(B-A)/(B+A)]
All Results are based on MDL and validated for QC purposes.
BRL - Below Reporting Limit

XENCO Laboratories

Sample Duplicate Recovery

Project Name: Creekside Mini Mart

Work Order #: 358382

Lab Batch #: 789477 **Project ID:**

Date Analyzed: 01/14/2010 **Date Prepared:** 01/14/2010 **Analyst:** 4148

QC- Sample ID: 358382-001 D **Batch #:** 1 **Matrix:** Soil

Reporting Units: mg/kg

VOCs by SW-846 8260B	SAMPLE / SAMPLE DUPLICATE RECOVERY				
Analyte	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
1,1,1-Trichloroethane	<0.0052	<0.0051	NC	20	
1,1,2,2-Tetrachloroethane	<0.0052	<0.0051	NC	20	
1,1,2-Trichloroethane	<0.0052	<0.0051	NC	20	
1,1-Dichloroethane	<0.0052	<0.0051	NC	20	
1,1-Dichloroethene	<0.0052	<0.0051	NC	20	
1,1-Dichloropropene	<0.0052	<0.0051	NC	20	
1,2,3-Trichlorobenzene	<0.0052	<0.0051	NC	20	
1,2,3-Trichloropropane	<0.0052	<0.0051	NC	20	
1,2,4-Trichlorobenzene	<0.0052	<0.0051	NC	20	
1,2,4-Trimethylbenzene	3.8	8.9	80	20	F
1,2-Dibromoethane (EDB)	<0.0052	<0.0051	NC	20	
1,2-Dichlorobenzene	<0.0052	<0.0051	NC	20	
1,2-Dichloroethane	<0.0052	<0.0051	NC	20	
1,2-Dichloropropane	<0.0052	<0.0051	NC	20	
1,3,5-Trimethylbenzene	3.0	13	125	20	F
1,3-Dichlorobenzene	<0.0052	<0.0051	NC	20	
1,3-Dichloropropane	<0.0052	<0.0051	NC	20	
1,4-Dichlorobenzene	<0.0052	<0.0051	NC	20	
2,2-Dichloropropane	<0.0052	<0.0051	NC	20	
2-Butanone (MEK)	<0.052	<0.051	NC	20	
2-Chlorotoluene	<0.0052	<0.0051	NC	20	
2-Hexanone	<0.052	<0.051	NC	20	
4-Chlorotoluene	<0.0052	<0.0051	NC	20	
4-Methyl-2-pentanone (MIBK)	<0.052	<0.051	NC	20	
Acetone	<0.052	<0.051	NC	20	
Benzene	<0.0052	<0.0051	NC	20	
Bromobenzene	<0.0052	<0.0051	NC	20	
Bromochloromethane	<0.0052	<0.0051	NC	20	
Bromodichloromethane	<0.0052	<0.0051	NC	20	
Bromoform	<0.0052	<0.0051	NC	20	
Bromomethane	<0.0052	<0.0051	NC	20	
Carbon tetrachloride	<0.0052	<0.0051	NC	20	
Chlorobenzene	<0.010	<0.010	NC	20	
Chloroethane	<0.0052	<0.0051	NC	20	

Spike Relative Difference RPD 200 * |(B-A)/(B+A)|
All Results are based on MDL and validated for QC purposes.
BRL - Below Reporting Limit

XENCO Laboratories

Sample Duplicate Recovery

Project Name: Creekside Mini Mart

Work Order #: 358382

Lab Batch #: 789477 **Project ID:**

Date Analyzed: 01/14/2010 **Date Prepared:** 01/14/2010 **Analyst:** 4148

QC- Sample ID: 358382-001 D **Batch #:** 1 **Matrix:** Soil

Reporting Units: mg/kg

VOCs by SW-846 8260B	SAMPLE / SAMPLE DUPLICATE RECOVERY				
Analyte		Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Chloroform	<0.0052	<0.0051	NC	20	
Chloromethane	<0.0052	<0.0051	NC	20	
cis-1,2-Dichloroethene	<0.0052	<0.0051	NC	20	
cis-1,3-Dichloropropene	<0.0052	<0.0051	NC	20	
Dibromochloromethane	<0.0052	<0.0051	NC	20	
Dichlorodifluoromethane	<0.0052	<0.0051	NC	20	
Ethanol	<0.052	<0.051	NC	20	
Ethylbenzene	0.26	1.5	141	20	F
Isopropyl Ether	<0.052	<0.051	NC	20	
Isopropylbenzene	0.20	1.2	143	20	F
m,p-Xylenes	0.92	5.3	141	20	F
Methyl tert-butyl ether	<0.0052	<0.0051	NC	20	
Methylene chloride	<0.0052	<0.0051	NC	20	
Naphthalene	1.4	0.49	96	20	F
n-Butylbenzene	<0.0052	<0.0051	NC	20	
n-Propylbenzene	0.38	2.5	147	20	F
o-Xylene	1.3	6.1	130	20	F
p-Isopropyltoluene	0.67	5.7	158	20	F
sec-Butylbenzene	<0.0052	0.80	NC	20	
Styrene	<0.0052	<0.0051	NC	20	
tert-Butylbenzene	<0.0052	<0.0051	NC	20	
Tetrachloroethene	<0.0052	<0.0051	NC	20	
Toluene	0.016	0.12	153	20	F
trans-1,2-Dichloroethene	<0.0052	<0.0051	NC	20	
trans-1,3-Dichloropropene	<0.0052	<0.0051	NC	20	
Trichloroethene	<0.0052	<0.0051	NC	20	
Trichlorofluoromethane	<0.0052	<0.0051	NC	20	
Vinyl acetate	<0.0052	<0.0051	NC	20	
Vinyl chloride	<0.0052	<0.0051	NC	20	

Spike Relative Difference RPD 200 * | (B-A)/(B+A) |
All Results are based on MDL and validated for QC purposes
BRL - Below Reporting Limit

XENCO Laboratories

Blank Summary 358382

Force Environmental, Lexington, SC

Creekside Mini Mart

Sample Id: **547494-1-BLK** Matrix: **WATER**
Lab Sample Id: **547494-1-BLK**

Analytical Method: Select Metals by SW-846 6010B Prep Method: SM3030C

Date Analyzed: Jan-13-10 16:29 Analyst: 4150 Date Prep: Jan-13-10 12:39 Tech: ABA
Seq Number: 789371

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Lead	7439-92-1	U	0.010	0.002	mg/L	U	1

Project: NCDENR Contract Sites

Version: 1.029

XENCO Laboratories

Blank Summary 358382

Force Environmental, Lexington, SC

Creekside Mini Mart

Sample Id: **547667-1-BLK** Matrix: **SOLID**

Lab Sample Id: **547667-1-BLK**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5035

Date Analyzed: Jan-14-10 10:10 Analyst: 4148 Date Prep: Jan-14-10 07:17 Tech: 4148

Seq Number: 789477

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	0.0050	0.0008	mg/kg	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.0050	0.0012	mg/kg	U	1
1,1,2-Trichloroethane	79-00-5	U	0.0050	0.0007	mg/kg	U	1
1,1-Dichloroethane	75-34-3	U	0.0050	0.0008	mg/kg	U	1
1,1-Dichloroethene	75-35-4	U	0.0050	0.0012	mg/kg	U	1
1,1-Dichloropropene	563-58-6	U	0.0050	0.0005	mg/kg	U	1
1,2,3-Trichlorobenzene	87-61-6	U	0.0050	0.0006	mg/kg	U	1
1,2,3-Trichloropropane	96-18-4	U	0.0050	0.0016	mg/kg	U	1
1,2,4-Trichlorobenzene	120-82-1	U	0.0050	0.0009	mg/kg	U	1
1,2,4-Trimethylbenzene	95-63-6	U	0.0050	0.0007	mg/kg	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	0.0050	0.0009	mg/kg	U	1
1,2-Dichlorobenzene	95-50-1	U	0.0050	0.0013	mg/kg	U	1
1,2-Dichloroethane	107-06-2	U	0.0050	0.0006	mg/kg	U	1
1,2-Dichloropropane	78-87-5	U	0.0050	0.0009	mg/kg	U	1
1,3,5-Trimethylbenzene	108-67-8	U	0.0050	0.0008	mg/kg	U	1
1,3-Dichlorobenzene	541-73-1	U	0.0050	0.0010	mg/kg	U	1
1,3-Dichloropropane	142-28-9	U	0.0050	0.0007	mg/kg	U	1
1,4-Dichlorobenzene	106-46-7	U	0.0050	0.0007	mg/kg	U	1
2,2-Dichloropropane	594-20-7	U	0.0050	0.0006	mg/kg	U	1
2-Butanone (MEK)	78-93-3	U	0.050	0.0091	mg/kg	U	1
2-Chlorotoluene	95-49-8	U	0.0050	0.0007	mg/kg	U	1
2-Hexanone	591-78-6	U	0.050	0.0011	mg/kg	U	1
4-Chlorotoluene	106-43-4	U	0.0050	0.0006	mg/kg	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.050	0.0032	mg/kg	U	1
Acetone	67-64-1	U	0.050	0.0069	mg/kg	U	1
Benzene	71-43-2	U	0.0050	0.0005	mg/kg	U	1
Bromobenzene	108-86-1	U	0.0050	0.0009	mg/kg	U	1
Bromochloromethane	74-97-5	U	0.0050	0.0010	mg/kg	U	1
Bromodichloromethane	75-27-4	U	0.0050	0.0005	mg/kg	U	1
Bromoform	75-25-2	U	0.0050	0.0010	mg/kg	U	1
Bromomethane	74-83-9	U	0.0050	0.0025	mg/kg	U	1
Carbon tetrachloride	56-23-5	U	0.0050	0.0007	mg/kg	U	1
Chlorobenzene	108-90-7	U	0.010	0.0006	mg/kg	U	1
Chloroethane	75-00-3	U	0.0050	0.0024	mg/kg	U	1
Chloroform	67-66-3	U	0.0050	0.0007	mg/kg	U	1
Chloromethane	74-87-3	U	0.0050	0.0023	mg/kg	U	1
cis-1,2-Dichloroethene	156-59-2	U	0.0050	0.0007	mg/kg	U	1
cis-1,3-Dichloropropene	10061-01-5	U	0.0050	0.0005	mg/kg	U	1
Dibromochloromethane	124-48-1	U	0.0050	0.0010	mg/kg	U	1
Dichlorodifluoromethane	75-71-8	U	0.0050	0.0012	mg/kg	U	1
Ethanol	64-17-5	U	0.050	0.028	mg/kg	U	1
Ethylbenzene	100-41-4	U	0.0050	0.0006	mg/kg	U	1

Project: NCDENR Contract Sites

Version: 1.029

XENCO Laboratories

Blank Summary 358382

Force Environmental, Lexington, SC

Creekside Mini Mart

Sample Id: **547667-1-BLK** Matrix: **SOLID**
Lab Sample Id: **547667-1-BLK**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5035

Date Analyzed: Jan-14-10 10:10 Analyst: 4148 Date Prep: Jan-14-10 07:17 Tech: 4148
Seq Number: 789477

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Isopropyl Ether	108-20-3	U	0.050	0.0013	mg/kg	U	1
Isopropyl Ether	108-20-3	U	0.050	0.0013	mg/kg	U	1
Isopropylbenzene	98-82-8	U	0.0050	0.0008	mg/kg	U	1
m,p-Xylenes	179601-23-1	U	0.010	0.0012	mg/kg	U	1
Methyl tert-butyl ether	1634-04-4	U	0.0050	0.0007	mg/kg	U	1
Methylene chloride	75-09-2	U	0.0050	0.0022	mg/kg	U	1
Methylene chloride	75-09-2	0.0038	0.0050	0.0022	mg/kg		1
Naphthalene	91-20-3	U	0.0050	0.0013	mg/kg	U	1
n-Butylbenzene	104-51-8	U	0.0050	0.0009	mg/kg	U	1
n-Propylbenzene	103-65-1	U	0.0050	0.0008	mg/kg	U	1
o-Xylene	95-47-6	U	0.0050	0.0007	mg/kg	U	1
p-Isopropyltoluene	99-87-6	U	0.0050	0.0008	mg/kg	U	1
sec-Butylbenzene	135-98-8	U	0.0050	0.0007	mg/kg	U	1
Styrene	100-42-5	U	0.0050	0.0007	mg/kg	U	1
tert-Butylbenzene	98-06-6	U	0.0050	0.0008	mg/kg	U	1
Tetrachloroethene	127-18-4	U	0.0050	0.0010	mg/kg	U	1
Toluene	108-88-3	U	0.0050	0.0006	mg/kg	U	1
trans-1,2-Dichloroethene	156-60-5	U	0.0050	0.0008	mg/kg	U	1
trans-1,3-Dichloropropene	10061-02-6	U	0.0050	0.0007	mg/kg	U	1
Trichloroethene	79-01-6	U	0.0050	0.0007	mg/kg	U	1
Trichlorofluoromethane	75-69-4	U	0.0050	0.0035	mg/kg	U	1
Vinyl acetate	108-05-4	U	0.0050	0.0007	mg/kg	U	1
Vinyl chloride	75-01-4	U	0.0050	0.0020	mg/kg	U	1

XENCO Laboratories

Blank Summary 358382

Force Environmental, Lexington, SC

Creekside Mini Mart

Sample Id: **547679-1-BLK** Matrix: **SOLID**
Lab Sample Id: **547679-1-BLK**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5035

Date Analyzed: Jan-14-10 10:10 Analyst: 4124 Date Prep: Jan-14-10 07:45 Tech: 4124
Seq Number: 789492

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	0.0050	0.0008	mg/kg	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.0050	0.0012	mg/kg	U	1
1,1,2-Trichloroethane	79-00-5	U	0.0050	0.0007	mg/kg	U	1
1,1-Dichloroethane	75-34-3	U	0.0050	0.0008	mg/kg	U	1
1,1-Dichloroethene	75-35-4	U	0.0050	0.0012	mg/kg	U	1
1,1-Dichloropropene	563-58-6	U	0.0050	0.0005	mg/kg	U	1
1,2,3-Trichlorobenzene	87-61-6	U	0.0050	0.0006	mg/kg	U	1
1,2,3-Trichloropropane	96-18-4	U	0.0050	0.0016	mg/kg	U	1
1,2,4-Trichlorobenzene	120-82-1	U	0.0050	0.0009	mg/kg	U	1
1,2,4-Trimethylbenzene	95-63-6	U	0.0050	0.0007	mg/kg	U	1
1,2-Dibromoethane (EDB)	106-93-4	U	0.0050	0.0009	mg/kg	U	1
1,2-Dichlorobenzene	95-50-1	U	0.0050	0.0013	mg/kg	U	1
1,2-Dichloroethane	107-06-2	U	0.0050	0.0006	mg/kg	U	1
1,2-Dichloropropane	78-87-5	U	0.0050	0.0009	mg/kg	U	1
1,3,5-Trimethylbenzene	108-67-8	U	0.0050	0.0008	mg/kg	U	1
1,3-Dichlorobenzene	541-73-1	U	0.0050	0.0010	mg/kg	U	1
1,3-Dichloropropane	142-28-9	U	0.0050	0.0007	mg/kg	U	1
1,4-Dichlorobenzene	106-46-7	U	0.0050	0.0007	mg/kg	U	1
2,2-Dichloropropane	594-20-7	U	0.0050	0.0006	mg/kg	U	1
2-Butanone (MEK)	78-93-3	U	0.050	0.0091	mg/kg	U	1
2-Chlorotoluene	95-49-8	U	0.0050	0.0007	mg/kg	U	1
2-Hexanone	591-78-6	U	0.050	0.0011	mg/kg	U	1
4-Chlorotoluene	106-43-4	U	0.0050	0.0006	mg/kg	U	1
4-Methyl-2-pentanone (MIBK)	108-10-1	U	0.050	0.0032	mg/kg	U	1
Acetone	67-64-1	U	0.050	0.0069	mg/kg	U	1
Benzene	71-43-2	U	0.0050	0.0005	mg/kg	U	1
Bromobenzene	108-86-1	U	0.0050	0.0009	mg/kg	U	1
Bromochloromethane	74-97-5	U	0.0050	0.0010	mg/kg	U	1
Bromodichloromethane	75-27-4	U	0.0050	0.0005	mg/kg	U	1
Bromoform	75-25-2	U	0.0050	0.0010	mg/kg	U	1
Bromomethane	74-83-9	U	0.0050	0.0025	mg/kg	U	1
Carbon tetrachloride	56-23-5	U	0.0050	0.0007	mg/kg	U	1
Chlorobenzene	108-90-7	U	0.010	0.0006	mg/kg	U	1
Chloroethane	75-00-3	U	0.0050	0.0024	mg/kg	U	1
Chloroform	67-66-3	U	0.0050	0.0007	mg/kg	U	1
Chloromethane	74-87-3	U	0.0050	0.0023	mg/kg	U	1
cis-1,2-Dichloroethene	156-59-2	U	0.0050	0.0007	mg/kg	U	1
cis-1,3-Dichloropropene	10061-01-5	U	0.0050	0.0005	mg/kg	U	1
Dibromochloromethane	124-48-1	U	0.0050	0.0010	mg/kg	U	1
Dichlorodifluoromethane	75-71-8	U	0.0050	0.0012	mg/kg	U	1
Ethanol	64-17-5	U	0.050	0.028	mg/kg	U	1
Ethylbenzene	100-41-4	U	0.0050	0.0006	mg/kg	U	1

XENCO Laboratories

Blank Summary 358382

Force Environmental, Lexington, SC

Creekside Mini Mart

Sample Id: **547679-1-BLK** Matrix: **SOLID**
Lab Sample Id: **547679-1-BLK**

Analytical Method: VOCs by SW-846 8260B Prep Method: SW5035

Date Analyzed: Jan-14-10 10:10 Analyst: 4124 Date Prep: Jan-14-10 07:45 Tech: 4124
Seq Number: 789492

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Isopropyl Ether	108-20-3	U	0.050	0.0013	mg/kg	U	1
Isopropylbenzene	98-82-8	U	0.0050	0.0008	mg/kg	U	1
m,p-Xylenes	179601-23-1	U	0.010	0.0012	mg/kg	U	1
Methyl tert-butyl ether	1634-04-4	U	0.0050	0.0007	mg/kg	U	1
Methylene chloride	75-09-2	U	0.0050	0.0022	mg/kg	U	1
Naphthalene	91-20-3	U	0.0050	0.0013	mg/kg	U	1
n-Butylbenzene	104-51-8	U	0.0050	0.0009	mg/kg	U	1
n-Propylbenzene	103-65-1	U	0.0050	0.0008	mg/kg	U	1
o-Xylene	95-47-6	U	0.0050	0.0007	mg/kg	U	1
p-Isopropyltoluene	99-87-6	U	0.0050	0.0008	mg/kg	U	1
sec-Butylbenzene	135-98-8	U	0.0050	0.0007	mg/kg	U	1
Styrene	100-42-5	U	0.0050	0.0007	mg/kg	U	1
tert-Butylbenzene	98-06-6	U	0.0050	0.0008	mg/kg	U	1
Tetrachloroethene	127-18-4	U	0.0050	0.0010	mg/kg	U	1
Toluene	108-88-3	U	0.0050	0.0006	mg/kg	U	1
trans-1,2-Dichloroethene	156-60-5	U	0.0050	0.0008	mg/kg	U	1
trans-1,3-Dichloropropene	10061-02-6	U	0.0050	0.0007	mg/kg	U	1
Trichloroethene	79-01-6	U	0.0050	0.0007	mg/kg	U	1
Trichlorofluoromethane	75-69-4	U	0.0050	0.0035	mg/kg	U	1
Vinyl acetate	108-05-4	U	0.0050	0.0007	mg/kg	U	1
Vinyl chloride	75-01-4	U	0.0050	0.0020	mg/kg	U	1

XENCO Laboratories

Blank Summary 358382

Force Environmental, Lexington, SC

Creekside Mini Mart

Sample Id: **547768-1-BLK** Matrix: **WATER**
Lab Sample Id: **547768-1-BLK**

Analytical Method: MADEP VPH REV 1.1 Prep Method: SW5030B

Date Analyzed: Jan-15-10 00:54 Analyst: 4124 Date Prep: Jan-14-10 23:02 Tech: ANI
Seq Number: 789660

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
C5-C8 Aliphatics (Unadj.)	ALHYDRC5	U	30.0	30.0	ug/L	U	1
C9-C10 Aromatics (Unadj.)	HYDC9C10	U	6.00	6.00	ug/L	U	1
C9-C12 Aliphatics (Unadj.)	ALHYDRC9	U	40.0	40.0	ug/L	U	1
Ethylbenzene	100-41-4	U	5.00	5.00	ug/L	U	1
Toluene	108-88-3	U	5.00	5.00	ug/L	U	1
MTBE	1634-04-4	U	5.00	5.00	ug/L	U	1
Benzene	71-43-2	U	5.00	5.00	ug/L	U	1
Naphthalene	91-20-3	U	5.00	5.00	ug/L	U	1
o-Xylene	95-47-6	U	5.00	5.00	ug/L	U	1
m,p-Xylene	179601-23-1	U	10.0	10.0	ug/L	U	1
C5-C8 Aliphatics	ALHYDRC5	U	15.0	15.0	ug/L	U	1
C9-C12 Aliphatics	ALHYDRC9	U	15.0	15.0	ug/L	U	1

XENCO Laboratories

Blank Summary 358382

Force Environmental, Lexington, SC

Creekside Mini Mart

Sample Id: **547851-1-BLK** Matrix: **WATER**

Lab Sample Id: **547851-1-BLK**

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP

Date Analyzed: Jan-18-10 10:29 Analyst: 4148 Date Prep: Jan-18-10 08:05 Tech: 4148

Seq Number: 789818

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
1,1,1-Trichloroethane	71-55-6	U	0.500	0.076	ug/L	U	1
1,1,2,2-Tetrachloroethane	79-34-5	U	0.500	0.070	ug/L	U	1
1,1,2-Trichloroethane	79-00-5	U	0.500	0.113	ug/L	U	1
1,1-Dichloroethane	75-34-3	U	0.500	0.121	ug/L	U	1
1,1-Dichloroethene	75-35-4	U	0.500	0.104	ug/L	U	1
1,1-Dichloropropene	563-58-6	U	0.500	0.060	ug/L	U	1
1,2,3-Trichlorobenzene	87-61-6	U	2.00	0.118	ug/L	U	1
1,2,3-Trichloropropane	96-18-4	U	1.00	0.138	ug/L	U	1
1,2,4-Trichlorobenzene	120-82-1	U	1.00	0.069	ug/L	U	1
1,2,4-Trimethylbenzene	95-63-6	U	0.500	0.103	ug/L	U	1
1,2-Dichlorobenzene	95-50-1	U	0.500	0.094	ug/L	U	1
1,2-Dichloroethane	107-06-2	U	0.500	0.090	ug/L	U	1
1,2-Dichloropropane	78-87-5	U	0.500	0.122	ug/L	U	1
1,3,5-trimethylbenzene	108-67-8	U	0.500	0.087	ug/L	U	1
1,3-Dichlorobenzene	541-73-1	U	0.500	0.098	ug/L	U	1
1,3-Dichloropropane	142-28-9	U	0.500	0.133	ug/L	U	1
1,4-Dichlorobenzene	106-46-7	U	0.500	0.067	ug/L	U	1
2,2-Dichloropropane	594-20-7	U	2.00	0.097	ug/L	U	1
2-Butanone	78-93-3	U	20.0	4.80	ug/L	U	1
2-Chlorotoluene	95-49-8	U	0.500	0.088	ug/L	U	1
2-Hexanone	591-78-6	U	15.0	3.61	ug/L	U	1
4-Chlorotoluene	106-43-4	U	0.500	0.090	ug/L	U	1
4-Methyl-2-Pentanone	108-10-1	U	40.0	10.0	ug/L	U	1
Acetone	67-64-1	U	15.0	3.74	ug/L	U	1
Benzene	71-43-2	U	0.500	0.119	ug/L	U	1
Bromobenzene	108-86-1	U	0.500	0.132	ug/L	U	1
Bromochloromethane	74-97-5	U	0.500	0.112	ug/L	U	1
Bromodichloromethane	75-27-4	U	0.500	0.124	ug/L	U	1
Bromoform	75-25-2	U	2.00	0.159	ug/L	U	1
Bromomethane	74-83-9	U	1.00	0.097	ug/L	U	1
Carbon Tetrachloride	56-23-5	U	0.500	0.099	ug/L	U	1
Chlorobenzene	108-90-7	U	0.500	0.105	ug/L	U	1
Chloroethane	75-00-3	U	0.500	0.042	ug/L	U	1
Chloroform	67-66-3	U	0.500	0.172	ug/L	U	1
Chloromethane	74-87-3	U	0.500	0.085	ug/L	U	1
cis-1,2-Dichloroethene	156-59-2	U	0.500	0.114	ug/L	U	1
cis-1,3-Dichloropropene	10061-01-5	U	1.00	0.249	ug/L	U	1
Ethyl tert-butyl alcohol	590-36-3	U	5.00	2.69	ug/L	U	1
Dibromochloromethane	124-48-1	U	0.500	0.177	ug/L	U	1
Dichlorodifluoromethane	75-71-8	U	1.00	0.067	ug/L	U	1
Diisopropyl ether	108-20-3	U	0.500	0.092	ug/L	U	1
Ethanol	64-17-5	U	200	3.00	ug/L	U	1

Project: NCDENR Contract Sites

Version: 1.029

XENCO Laboratories

Blank Summary 358382

Force Environmental, Lexington, SC

Creekside Mini Mart

Sample Id: **547851-1-BLK** Matrix: **WATER**
Lab Sample Id: **547851-1-BLK**

Analytical Method: VOCs by GC/MS by SM6200B Prep Method: SM6200B_PREP

Date Analyzed: Jan-18-10 10:29 Analyst: 4148 Date Prep: Jan-18-10 08:05 Tech: 4148
Seq Number: 789818

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
Ethyl tert butyl Ether	637-92-3	U	8.00	2.00	ug/L	U	1
Ethylbenzene	100-41-4	U	0.500	0.092	ug/L	U	1
T-Amyl Alcohol	75-85-4	U	5.00	2.64	ug/L	U	1
tert-Butyl formate	762-75-4	U	5.00	1.60	ug/L	U	1
isopropylbenzene	98-82-8	U	0.500	0.098	ug/L	U	1
m,p-Xylenes	179601-23-1	U	1.00	0.176	ug/L	U	1
Methylene Chloride	75-09-2	U	0.500	0.190	ug/L	U	1
MTBE	1634-04-4	U	0.500	0.169	ug/L	U	1
Naphthalene	91-20-3	U	2.00	0.094	ug/L	U	1
n-Butylbenzene	104-51-8	U	2.00	0.060	ug/L	U	1
n-Propylbenzene	103-65-1	U	1.00	0.065	ug/L	U	1
o-Xylene	95-47-6	U	0.500	0.122	ug/L	U	1
p-Cymene (p-Isopropyltoluene)	99-87-6	U	0.500	0.089	ug/L	U	1
Sec-Butylbenzene	135-98-8	U	0.500	0.092	ug/L	U	1
Styrene	100-42-5	U	0.500	0.074	ug/L	U	1
tert-Amyl methyl Ether	994-05-8	U	8.00	2.00	ug/L	U	1
tert-butyl alcohol	75-65-0	U	4.00	0.745	ug/L	U	1
tert-Butylbenzene	98-06-6	U	0.500	0.089	ug/L	U	1
Tetrachloroethylene	127-18-4	U	0.500	0.054	ug/L	U	1
Toluene	108-88-3	U	0.500	0.057	ug/L	U	1
Total Xylenes	1330-20-7	U	0.500	0.122	ug/L		1
trans-1,2-dichloroethene	156-60-5	U	0.500	0.188	ug/L	U	1
trans-1,3-dichloropropene	10061-02-6	U	2.00	0.359	ug/L	U	1
Trichloroethene	79-01-6	U	0.500	0.139	ug/L	U	1
Trichlorofluoromethane	75-69-4	U	0.500	0.054	ug/L	U	1
Vinyl Acetate	108-05-4	U	10.0	2.30	ug/L	U	1
Vinyl Chloride	75-01-4	U	0.500	0.081	ug/L	U	1

Project: NCDENR Contract Sites

Version: 1.029

Final Ver. 1.000

XENCO Laboratories

Blank Summary 358382

Force Environmental, Lexington, SC

Creekside Mini Mart

Sample Id: **548019-1-BLK** Matrix: **SOLID**

Lab Sample Id: **548019-1-BLK**

Analytical Method: MADEP VPH REV 1.1 Prep Method: SW5030B

Date Analyzed: Jan-20-10 10:55 Analyst: 4124 Date Prep: Jan-19-10 21:50 Tech: ANI

Seq Number: 790037

Parameter	Cas Number	Result	PQL	MDL	Units	Flag	Dil
C5-C8 Aliphatics (Unadj.)	ALHYDRC5	U	1.50	1.50	mg/kg	U	50
C9-C10 Aromatics (Unadj.)	HYDC9C10	U	1.70	1.70	mg/kg	U	50
C9-C12 Aliphatics (Unadj.)	ALHYDRC9	U	2.00	2.00	mg/kg	U	50
Ethylbenzene	100-41-4	U	0.250	0.250	mg/kg	U	50
Toluene	108-88-3	U	0.250	0.250	mg/kg	U	50
MTBE	1634-04-4	U	0.250	0.250	mg/kg	U	50
Benzene	71-43-2	U	0.250	0.250	mg/kg	U	50
Naphthalene	91-20-3	U	0.250	0.250	mg/kg	U	50
o-Xylene	95-47-6	U	0.250	0.250	mg/kg	U	50
m,p-Xylene	179601-23-1	U	0.500	0.500	mg/kg	U	50
C5-C8 Aliphatics	ALHYDRC5	U	0.750	0.750	mg/kg	U	50
C9-C12 Aliphatics	ALHYDRC9	U	0.750	0.750	mg/kg	U	50

Project: NCDENR Contract Sites

Version: 1.029

Final Ver. 1.000

XENCO Laboratories
Florida Testing Services LLC

☐ 10200 USA Today Way, Miramar, FL 33025 954-431-4550
☐ 2505 Falkenburg Rd, Tampa, FL 33619 813-620-2000
☐ 6017 Financial Drive, Norcross, Georgia 30071 770-449-8800
☐ Philadelphia/New Jersey 610-955-5649
☐ South Carolina 803-543-6099 ☐ Other

ANALYSIS REQUEST & CHAIN OF CUSTODY RECORD

Serial # 248684 Page of

Company/City: Force Environmental Service Company
Phone: 803-359-3200
Lab Only: WO# 358382

Proj Name-Location: Creekside Mini Mart ☐ Previously done at XENCO
Project ID:
TAT: ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d Standard TAT is project specific. It is typically 5-7 Working Days for level II and 10+ Working days for level III and IV data.

Proj State: AL, FL, GA, LA, MS, NC, NJ, PA, SC, TN, TX, UT Other
Proj. Manager (PM): Michelle Williams
e-Mail Results to ☐ PM or: bmd@forceassociates.com
Fax No: 803-359-6682
Invoice to ☐ Accounting ☐ Inc. Invoice with Final Report ☐ Invoice must have a P.O
Bill to: Greg Force
Quote/Pricing: P.O No: ☐ Call for P.O.
Reg Program: (UST) DRY-CLEAN Land-Fill Waste-Disp NPDES DW GA HSRA
QAPP Per-Contract CLP AFCEE NAVY DOE DOD USACE OTHER:
Special DLs (GW DW QAPP MDLs RLs See Lab PM Included Call PM)
Sampler Name: John B Peurtfoy Signature: [signature]

	Sample ID	Sampling Date	Time	Depth ft in m	Matrix	Composite	Grab	# Containers	Container Size	Container Type	Preservatives	VOCs Full-List BTEX-MTBE EtOH Oxyg VOHs VOAs	VOCs PP TCL DW Appdx-1 Appdx-2 CALL Other:	PANs	FL PRO DRO GRO MA EPH MA VPH	SVOCs: Full-List DW BN&AE TCL PP Appdx-2 CALL	OC Pesticides PCBs Herbicides OP Pesticides	Metals: RCRA-8 RCRA-4 Pb 13PP 23TAL Appdx 1 Appdx 2	SPLP - TCLP (Metals VOCs SVOCs Pest. Herb. PCBs)	EDB / DBCP	8260B w/ IPE + MTBE	MADEP VPH	6200B w/ 8 oxy	Lead	TAT ASAP 5h 12h 24h 48h 3d 5d 7d 10d 21d	Addn: PAH above mg/L W, mg/Kg S Highest Hit	Hold Samples (Surcharges will apply and are pre-approved)	Remarks: Sample Clean-ups are pre-approved as needed	Rcv by:	Date:	Addn:
1	MW-1 @ 5'	1/12/10	830		SL	X		7													X	X										
2	MW-1	1/12/10	800		WT		X	5														X	X	X								
3																																
4																																
5																																
6																																
7																																
8																																
9																																
10																																

	Relinquished by (Initials and Sign)	Date & Time	Relinquished to (Initials and Sign)	Date & Time
1	1) [signature] JBP	1/12/10 1700	2) Darto Lagunas 01	13/10 9:51
2	3)		4)	
3	5)		6)	

Total Containers per COC: 12 Cooler Temp: 2.0

Upon signing this COC you accept XENCO terms and Conditions unless otherwise agreed on writing. Reports are the Intellectual Property of XENCO until paid. Samples will be held 30 days after final report is e-mailed unless hereby requested. Rush Charges and Collection Fees are pre-approved.

Preservatives: Various (V), HCl pH<2 (H), H2SO4 pH<2 (S), HNO3 pH<2 (N), Asbc Acid&NaOH (A), ZnAc&NaOH (Z), (Cool,<4C) (C), None (NA), See Label (L), Other (O) _____
Cont. Size: 4oz (4), 8oz (8), 32oz (32), 40ml VOA (40), 1L (1), 500ml (5), Tedlar Bag (B), Various (V), Other _____ Cont. Type: Glass Amb (A), Glass Clear (C), Plastic (P), Various (V)
Matrix: Air (A), Product (P), Solid(S), Water (W), Liquid (L)

Committed to Excellence in Service and Quality www.xenco.com

Notice: Signature of this document and relinquishment of these samples constitutes a valid purchase order from client company to Xenco Laboratories and its affiliates, subcontractors and assigns under Xenco's standard terms and conditions of service unless previously negotiated under a fully executed client contract.

Jan. 12. 2010 4:00PM Final Version No. 1110 P. 1
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XENCO Laboratories

Prelogin/Nonconformance Report- Sample Log-In

Client: Force Environmental Serv.

Date/ Time: 01-13-10 9:51

Lab ID # : 358382

Initials: DL

Sample Receipt Checklist

#1	Temperature of cooler?				0 °C
#2	Shipping container in good condition?	YES	No	None	
#3	Samples received on ice?	YES	No	N/A	Blue/Water
#4	Custody Seals intact on shipping container/ cooler?	Yes	No	N/A	
#5	Custody Seals intact on sample bottles/ container?	Yes	No	N/A	
#6	Chain of Custody present?	YES	No		
#7	Sample instructions complete of Chain of Custody?	YES	No		
#8	Any missing/extra samples?	Yes	NO		
#9	Chain of Custody signed when relinquished/ received?	YES	No		
#10	Chain of Custody agrees with sample label(s)?	YES	No		
#11	Container label(s) legible and intact?	YES	No		
#12	Sample matrix/ properties agree with Chain of Custody?	YES	No		
#13	Samples in proper container/ bottle?	YES	No		
#14	Samples properly preserved?	YES	No	N/A	
#15	Sample container(s) intact?	YES	No		
#16	Sufficient sample amount for indicated test(s)?	YES	No		
#17	All samples received within sufficient hold time?	YES	No		
#18	Subcontract of sample(s)?	Yes	NO		
#19	VOC samples have zero headspace?	YES	No	N/A	

Nonconformance Documentation

Contact: _____ Contacted by: _____ Date/ Time: _____

Regarding: _____

Corrective Action Taken: _____

Check all that Apply:

- ☐ Client understands and would like to proceed with analysis
- ☐ Cooling process had begun shortly after sampling event

APPENDIX G

SITE PHOTOGRAPHS



View: Front of Former Creekwood Mini Mart, now Prince Mini Mart



View: facing south, west side of building and 30th street



View: residential property west of the site



View: Front of Former Creckwood Mini Mart, now Prince Mini Mart



View: Adjacent property north of the site



View: facing east, parking lot in front of the Mini Mart

APPENDIX H

GROUNDWATER MEASUREMENTS

Site: Creekwood Mini Mart
Incident #: 18694

	MW-1			
Time	**745**	**750**	**755**	**800**
pH	**6.13**	**6.40**	**6.69**	**6.70**
Specific Conductivity	**246**	**273**	**284**	**282**
Temperature	**16.9**	**14.7**	**14.2**	**13.9**

April 1, 2005

Division of Waste Management
UST Section
1637 Mail Service Center
Raleigh, North Carolina 27699-1637

Attn: Mr. Scott Ryals

Re: Assessment Report
Former Creekside Mini-Mart
3002 Princess Place Drive
Wilmington, New Haven County, North Carolina
Groundwater Incident # Pending
W&R Project No. 098549.0.0

Dear Mr. Ryals:

Withers & Ravenel (W&R) has prepared this letter report summarizing results of recent assessment activities conducted at the referenced site. During these activities, W&R personnel performed site reconnaissance and a receptor survey. The site location is presented in Figure 1.

Background

The Former Creekside Mini-Mart (site) is located at the 3002 Princess Place Drive in Wilmington, North Carolina. The site is currently vacant. The land use at the site is characterized as commercial. The surrounding properties are characterized as undeveloped and residential. A church is located to the northwest of the site. The property to the east will be developed into a church. Figures 2 and 3 present a site map and contiguous properties map, respectively. Table 1 presents a summary of the ownership information of the contiguous properties.

In 1996, NCDENR was onsite to investigate claims by local residents that abandoned underground storage tanks (UST's) remained in the ground. The site was previously a gas station and convenience store. Soil sample results from three soil borings indicated that a release of both diesel and gasoline had occurred at the site related to the UST's. Analytical results from a previous report are presented in Appendix A

In 1998, W&R were onsite and pumped fluid from the UST's. Bids for removal of the UST's were procured but the tanks were not removed.

Receptor Survey

W&R completed a receptor update on March 16, 2005 to verify present conditions onsite and in the surrounding community in regards to the potential receptors to soil and groundwater impacts by petroleum hydrocarbons. Based on the results of this update:

- Municipal water is available in the vicinity of the site. Municipal water is provided by the city of Wilmington, which is supplied by the Cape Fear River and New Hanover County wells. None of the county wells are located within 1,500 feet of the site.
- Wilmington has an ordinance that prohibits private water supply well use for drinking water.
- No WSWs were identified within 1,000 feet of the site.
- No surface water features were identified within 1,000 feet of the site.
- The site is currently vacant. Land use in the vicinity of the site is characterized as undeveloped and residential. A church is located on the adjacent property to the northwest of the site. The property to the east will be developed into a church.
- No basements were identified in the vicinity of the site.

Site Reconnaissance

W&R personnel were onsite to verify that UST's remained onsite and to check the tanks for fluids. Four-4,000 gallon UST's were identified (Figure 2). The UST's were checked for free product, which was detected in Tank 1. A total of .6 inches of free product was measured in Tank 1. An average of 3.5 inches of water was measured in all four tanks.

Conclusions and Recommendations

Based on the results of these assessment activities, W&R concludes the following:

- Four-4,000 gallon gasoline UST's remain onsite. In 1996, NCDENR collected soil samples during a site visit to investigate claims by local residents of the UST's. Soil sample results indicated that a release of both diesel and gasoline had occurred at the site related to the UST's.
- Municipal water is available within the vicinity of the site. Municipal water is provided by the city of Wilmington, which is supplied by the Cape Fear River and New Hanover County wells.
- No private water supply wells were identified within 1,000 feet of the site.

Based on these conclusions, W&R recommends the closure of the UST's and associated piping and dispensers by removal.

Reviewed 4-12-05 L. Lyde

If you have any questions or need additional information, please call on me at your earliest convenience.

Sincerely,

WITHERS & RAVENEL

David P. Kwiatkowski, P.G.
Project Manager

Sherry Forbes
Staff Geologist

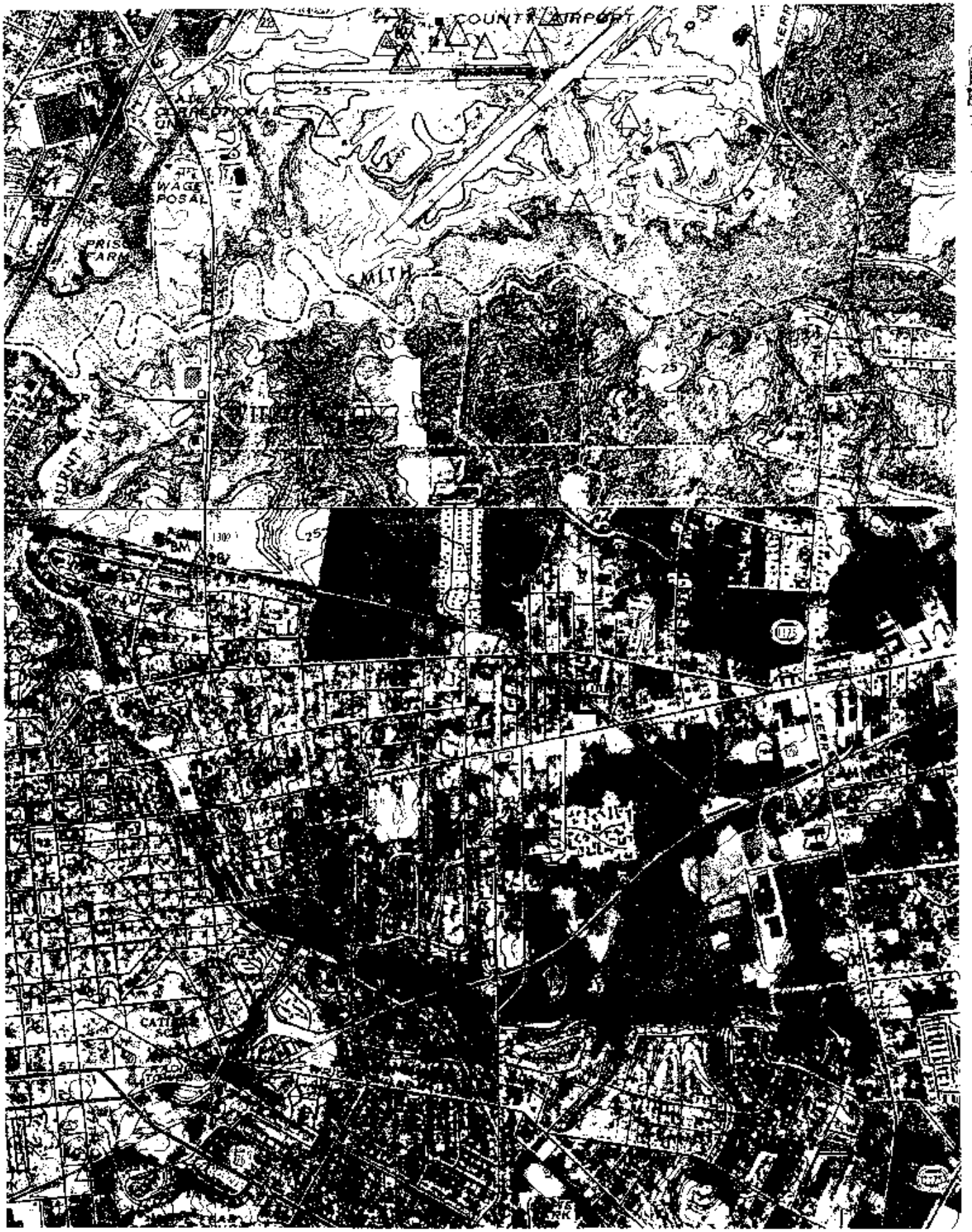
TABLE

TABLE 1
PROPERTIES CONTIGUOUS TO THE SITE
Creekside Mini-Mart
Wilmington, New Hanover County, NC

Number	Current Owner	Property Address	Owner Address	Location in Relation to Source
Site	Peter Greer	3002 Princess Place Drive Wilmington, NC	P.O. Box 2279 Wilmington, NC	Site
1	Macedonia Baptist Church	3008 Princess Place Drive Wilmington, NC	3701 Princess Place Drive Wilmington, NC	E
2	Ann Powers Smith Family, Ptnrp	3000 Princess Place Drive Wilmington, NC	2404 Market Street Wilmington, NC	N
3	Ebenezer Baptist Church of Wilmington	401 N 30th Street Wilmington, NC	2929 Princess Place Drive Wilmington, NC	NW
4	Ebenezer Baptist Church of Wilmington	315 N 30th Street Wilmington, NC	138 Oakmont Drive Kernersville, NC	W
5	Jo Ann Standley Campfield, et al.	311 N 30th Street Wilmington, NC	737 Santa Ana Mesa, AZ 85201	SW
6	Macedonia Baptist Church	3010 Princess Place Drive Wilmington, NC	3701 Princess Place Drive Wilmington, NC	S

NOTE : See Contiguous Properties Map for "number locations"

FIGURES



WITHERS & RAVENEL

ENGINEERS | PLANNERS | SURVEYORS

111 MacKenan Drive Cary, North Carolina 27511 www.withersravenel.com

tel 919-460-6006 fax 919-535-4545

GENERAL LOCATION MAP

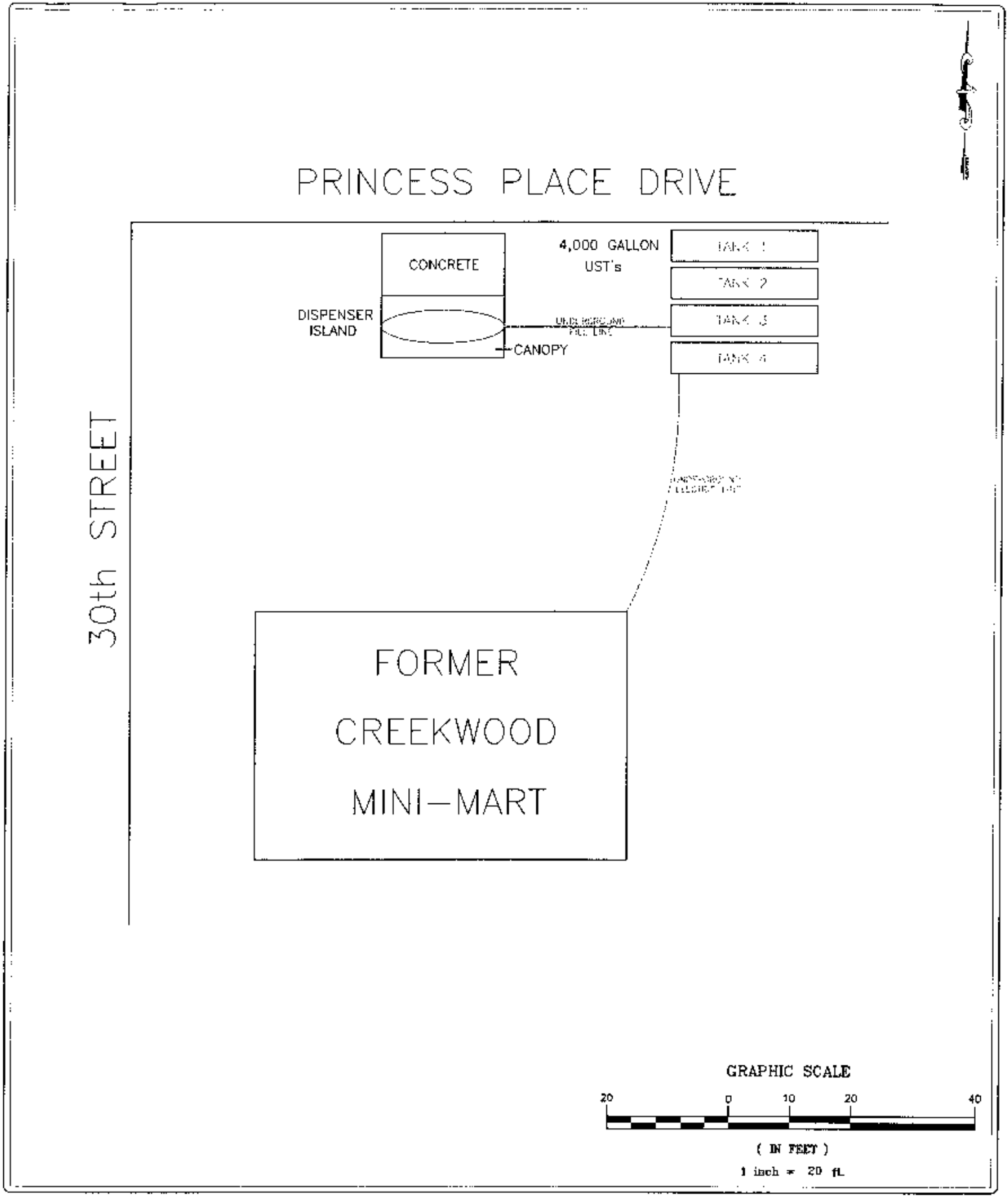
CREEKWOOD MINI-MART

WILMINGTON, NORTH CAROLINA

USGS CASTLE HAYNE-WILMINGTON, NC
7.5 min. Quadrangle

DRAWN BY:	SCALE:
SF	1"=2000'
APPROVED BY:	DATE:
DK	03/24/05

FIGURE NO.
1
JOB NO:
098549.0



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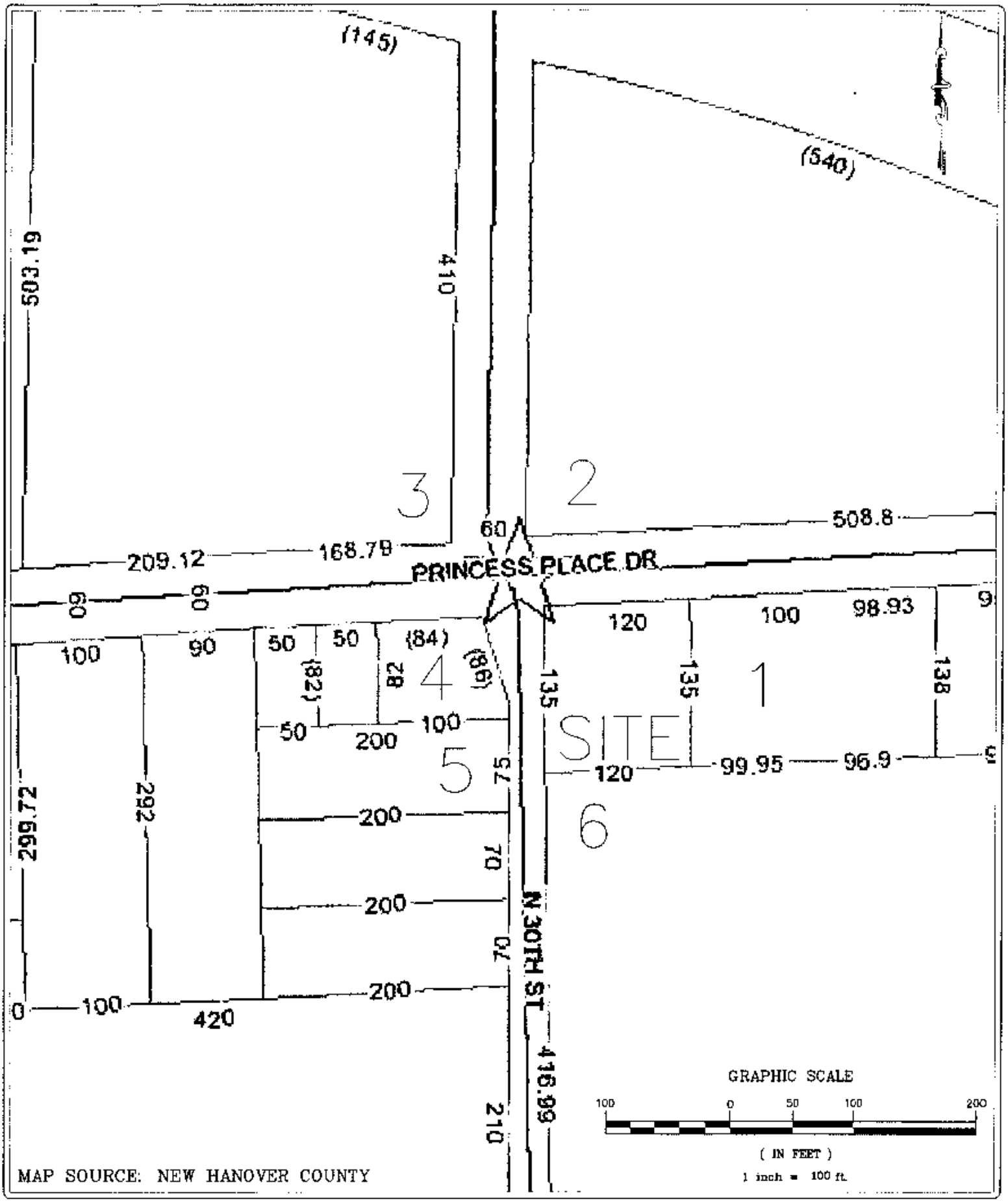
tel: 919-460-6006 fax: 919-535-4545

CREEKWOOD MINI-MART
WILMINGTON, NORTH CAROLINA

SITE MAP

DRAWN BY:	SCALE:	FIGURE NO:
SF	1"=20'	2
APPROVED BY:	DATE:	JOB NO:
DK	03/24/05	098549.0



WITHERS & RAVENEL
ENGINEERS | PLANNERS | SURVEYORS
111 MacKenan Drive Cary, North Carolina 27511 www.withersravenel.com
tel 919-460-6006 fax 919-535-4545

CREEKWOOD MINI-MART
WILMINGTON, NORTH CAROLINA
CONTIGUOUS PROPERTY
LOCATIONS MAP

DRAWN BY:	SCALE:	FIGURE NO.
SF	1"=100'	3
APPROVED BY:	DATE:	JOB NO:
DK	03/28/05	098549.0

APPENDIX A

GROUNDWATER FIELD/LAB FORM Soil Sample

North Carolina
Department of Environment, Health, and Natural Resources
DIVISION OF ENVIRONMENTAL MANAGEMENT – GROUNDWATER SECTION

CHAIN OF CUSTODY

County N. Hanover
Quad No. OD-32e Serial No. [illegible]
Lat. 34 14 38 Long. 77 54 36

SAMPLE PRIORITY
☐ ROUTINE ☐ EMERGENCY
☑ CHAIN OF CUSTODY

(1)

Lab Number GG-1169
Date Received 5/30/96 Time 9:15
Rec'd by: DS From: Bus, Courier, Hand Del.,
Other:
Data Entry By: Ck:
Date Reported:

Report To: ARO, FRO, MRO, RRO, WaRO, WiRO,
WSRO, Kinston FO, Fed. Trust, Central Off., Other:
Shipped by: Bus, Courier, Hand Del., Other:
Collector(s): Mayo / Reed Date 5/29/96 Time 9:10 am
Purpose: Baseline, Complaint, Compliance, LUST, Pesticide Study, Federal Trust, Other: (circle one)

Owner Peter Grear
Location of site Creekwood mini Mall - Princess Place Drive
Description of sampling point Borehole 1
Sampling Method auger (Pump, bailer, etc.) Sample Interval 13'
Remarks Sample @ 13 feet (pumping time, pH temp etc.)

FIELD ANALYSES

pH 400 _____ Spec. Cond. 94 _____ at 25° C
Temp. 10 _____ °C Odor nil
Appearance Light grey sand
Field Analysis By: Mayo

LABORATORY ANALYSES

	BOD, 310	mg/l		Diss. Solids 70300	mg/l		Ag - Silver 46566	ug/l		Organochlorine Pesticides
	COD High 340	mg/l		Flouride 951	mg/l		Al - Aluminum 46557	ug/l		Organophosphorus Pesticides
	COD Low 335	mg/l		Hardness: Total 900	mg/l		As - Arsenic 46551	ug/l		Nitrogen Pesticides
	Coliform: MF Fecal 31616	/100ml		Hardness (non-carb) 902	mg/l		Ba - Barium 46558	ug/l		
	Coliform: MF Total 31504	/100ml		Phenols 32730	ug/l		Ca - Calcium 46552	mg/l		Acid Herbicides
	TOC 680	mg/l		Specific Cond. 95	uMhos/cm		Cd - Cadmium 46559	ug/l		
	Turbidity 76	NTU		Sulfate 945	mg/l		Cr - Chromium 46560	ug/l		Semivolatile Organics
	Residue., Suspended 530	mg/l		Sulfide 745	mg/l		Cu - Copper 46552	ug/l	X	TPH Diesel
							Fe - Iron 46563	ug/l		
							Hg - Mercury 71900	ug/l		Volatile Organics (VOA bottle)
	pH 403	units					K - Potassium 46555	mg/l		Soil Sample
	Alkalinity to pH 4.5 410	mg/l					Mg - Magnesium 46554	mg/l	X	TPH - Gasoline Range
	Alkalinity to pH 8.3 415	mg/l					Mn - Manganese 46565	ug/l		~~TPH Gasoline Range~~
	Carbonate 445	mg/l		NH_3 as N 610	mg/l		Na - Sodium 46556	mg/l		
	Bicarbonate 440	mg/l		TKN as N 625	mg/l		Ni - Nickel	ug/l		
	Carbon dioxide 405	mg/l		$NO_2 + NO_3$ as N 630	mg/l		Pb - Lead 46564	ug/l		
	Chloride 940	mg/l		P: Total as P 665	mg/l		Se - Selenium	ug/l		
	Chromium: Hex 1032	ug/l					Zn - Zinc 46567	ug/l		
	Color: True 80	Pt-Co								
	Cyanide 720	mg/l								

Lab Comments:

For Dissolved Analysis - submit filtered sample and write "DIS" in block.

SW-54 REV. 6/97

Post-it® Fax Note 7671 | Date 10-4-96 | # of pages ▶ 9
To John Powers | From Debbie Mayo
Co./Dept. GWS - PCB | Co. GWS - WiRO
Phone # | Phone #
Fax # (919) 733-9913 | Fax #

P.01 Oct 4 '96 16:00 WILMINGTON REGIONAL OF Fax:910-350-2004

EHNR/DEM LABORATORY
VOLATILE ANALYTICAL REPORT

LAB NO. GG1169

REPORTED BY DJB/DSB
CHECKED BY
REVIEWED BY

SUPERVISOR PSK
DATE 6/24/96
ENTERED BY
DATE 6/24/96

SAMPLE TYPE: SOIL

ANALYSIS RESULTS

CAS#	VOA TARGET COMPOUND	TQL ug/Kg	DETECTED ug/Kg		CAS#	VOA TARGET COMPOUND	TQL ug/Kg	DETECTED ug/Kg	
75-35-4	1,1-Dichloroethene	0.75		N	96-18-4	1,2,3-Trichloropropane	0.25		N
75-09-2	Methylene Chloride	10		N	108-86-1	Bromobenzene	1		N
156-60-5	trans-1,2-Dichloroethene	0.75		N	95-49-8	2-Chlorotoluene	0.25		N
75-34-3	1,1-Dichloroethane	0.25		N	106-43-4	4-Chlorotoluene	0.25		N
590-20-7	2,2-Dichloropropane	0.25		N	541-73-1	1,3-Dichlorobenzene	0.25		N
156-59-4	cis-1,2-Dichloroethene	0.25		N	106-46-7	1,4-Dichlorobenzene	0.25		N
67-66-3	Chloroform	0.25		N	95-50-1	1,2-Dichlorobenzene	0.25		N
74-97-5	Bromochloromethane	0.75		N	96-12-8	1,2-Dibromo-3-Chloropropane	1		N
71-55-6	1,1,1-Trichloroethane	0.25		N	120-82-1	1,2,4-Trichlorobenzene	0.25		N
563-58-6	1,1-Dichloropropene	0.25		N	87-68-3	Hexachlorobutadiene	0.25		N
56-23-5	Carbon Tetrachloride	0.75		N	87-61-6	1,2,3-Trichlorobenzene	0.75		N
107-06-2	1,2-Dichloroethane	0.25		N	1634-04-4	Methyl-tert-butyl ether	5		N
79-01-6	Trichloroethene	0.25		N	71-43-2	Benzene	1		N
78-87-5	1,2-Dichloropropane	0.25		N	108-88-3	Toluene	1		N
75-27-4	Bromodichloromethane	0.25		N	100-41-4	Ethyl benzene	1		N
74-95-3	Dibromomethane	1		N	108-38-3	m,p-Xylenes	2		N
10061-01-5	cis-1,3-Dichloropropene	0.25		N	95-47-6	o-Xylene	1		N
10061-02-6	trans-1,3-Dichloropropene	0.25		N	100-42-5	Styrene	1		N
79-00-5	1,1,2-Trichloroethane	0.25		N	98-82-8	Isopropylbenzene	1		N
127-18-4	Tetrachloroethene	0.25		N	103-65-1	n-Propylbenzene	1		N
142-28-9	1,3-Dichloropropane	0.25		N	108-67-8	1,3,5-Trimethylbenzene	1		N
124-48-1	Dibromochloromethane	0.75		N	98-06-6	tert-Butylbenzene	1		N
106-93-4	1,2-Dibromoethane	1		N	95-63-6	1,2,4-Trimethylbenzene	1		N
108-90-7	Chlorobenzene	0.25		N	135-98-8	sec-Butylbenzene	1		N
630-20-6	1,1,1,2-Tetrachloroethane	0.25		N	99-87-6	p-Isopropyltoluene	1		N
75-25-2	Bromoform	0.5		N	104-51-8	n-Butylbenzene	1		N
79-34-5	1,1,2,2-Tetrachloroethane	0.75		N	91-20-3	Naphthalene	1		N

	mg/Kg	mg/Kg
Gasoline Range Estimated Total Petroleum Hydrocarbon	7.5	U

Other purgeables detected (up to 10 highest peaks) ug/Kg

TQL- Target Quantation Limit- Subject to change due to instrument sensitivity
T- Tentatively Identified, not confirmed
E- Estimated Value
U- Samples analyzed for this compound but not detected
N- Sample not analyzed for this compound
D- Detected below quantitation limit
M- GC/MS Analysis performed

COMMENTS:

EHNR/DEM LABORATORY
SEMI-VOLATILE TPH DIESEL RANGE REPORT

LAB NO. 5G1169

REPORTED BY
CHECKED BY
REVIEWED BY

SUPERVISOR
DATE 10/26/95

ENTERED BY
DATE 10/26/95

ANALYSIS RESULTS

SAMPLE TYPE: SOIL

PARAMETER	TQL mg/Kg	DETECTED mg/Kg	COMMENTS
DIESEL RANGE ORGANICS	10	U	

TQL- Target Quantitation Limit- Subject to change due to instrument sensitivity
D- Detected below quantitation limit
U- Sample analyzed for this compound but not detected

Oct 4 '96 16:02 P. 04

GROUNDWATER FIELD/LAB FORM SOIL SAMPLE

North Carolina
Department of Environment, Health, and Natural Resources
DIVISION OF ENVIRONMENTAL MANAGEMENT - GROUNDWATER SECTION

CHAIN OF CUSTODY

County N. Hanover
Quad No. DD-30,e Serial No.
Lat. 341438 Long. 775436

SAMPLE PRIORITY

[X] ROUTINE [ ] EMERGENCY
[X] CHAIN OF CUSTODY

2

Lab Number 6G 1170
Date Received 5/30/96 Time 9:15
Rec'd by: DS From: Bus, Courier, Hand Del.,
Other:
Data Entry By: Ck:
Date Reported:

Report To: ARO, FRO, MRO, RRO, WaRO, WIRO, WSRO, Kinston FO, Fed. Trust, Central Off., Other:
Shipped by: Bus, Courier, Hand Del., Other:
Collector(s): Mayo/Reed Date 5/29/96 Time 10:05am
Purpose: Baseline, Complaint, Compliance, LUST (circle one), Pesticide Study, Federal Trust, Other.

FIELD ANALYSES

pH_{400} Spec. Cond.$_{94}$ at 25° C
Temp.$_{10}$ 20°C Odor yes
Appearance ~~[illegible]~~ sand
Field Analysis By: Mayo/Reed

Owner Peter Grear
Location or site Creekwood Mini Mart - Princess Place Drive
Description of sampling point Borehole 2
Sampling Method auger (Pump, bailer, etc.) Sample Interval 6.5'
Remarks Sample @ 6.5 feet (pumping time, air temp, etc.)

LABORATORY ANALYSES

	BOD_5 310	mg/l		Diss. Solids 70300	mg/l		Ag - Silver 46566	ug/l		Organochlorine Pesticides
	COD High 340	mg/l		Flouride 951	mg/l		Al - Aluminum 46557	ug/l		Organophosphorus Pesticides
	COD Low 335	mg/l		Hardness: Total 900	mg/l		As - Arsenic 46551	ug/l		Nitrogen Pesticides
	Coliform: MF Fecal 31616	/100ml		Hardness (non-carb) 902	mg/l		Ba - Barium 46558	ug/l		
	Coliform: MF Total 31504	/100ml		Phenols 32730	ug/l		Ca - Calcium 46552	mg/l		Acid Herbicides
	TOC 680	mg/l		Specific Cond. 95	uMhos/cm²		Cd - Cadmium 46559	ug/l		
	Turbidity 76	NTU		Sulfate 945	mg/l		Cr - Chromium 46560	ug/l		Semivolatile Organics
	Residue., Suspended 530	mg/l		Sulfide 745	mg/l		Cu - Copper 46562	ug/l		
							Fe - Iron 46563	ug/l		
							Hg - Mercury 71900	ug/l		Volatile Organics (VOA bottle)
	pH 403	units					K - Potassium 46555	mg/l		Soil sample
	Alkalinity to pH 4.5 410	mg/l					Mg - Magnesium 46554	mg/l	X	TPH - Gasoline Range
	Alkalinity to pH 8.3 415	mg/l					Mn - Manganese 46565	ug/l		~~[illegible]~~
	Carbonate 445	mg/l		NH_3 as N 610	mg/l		Na - Sodium 46556	mg/l		
	Bicarbonate 440	mg/l		TKN as N 625	mg/l		Ni - Nickel	ug/l		
	Carbon dioxide 405	mg/l		NO_2 + NO_3 as N 630	mg/l		Pb - Lead 46564	ug/l	X	TPH diesel
	Chloride 940	mg/l		P: Total as P 665	mg/l		Se - Selenium	ug/l		
	Chromium: Hex 1032	ug/l					Zn - Zinc 46567	ug/l		SV
	Color: True 80	Pt-Co								
	Cyanide 720	mg/l								

Lab Comments:

GW-54 REV. 6/92 For Dissolved Analysis - submit filtered sample and write "DIS" in block.

WILMINGTON REGIONAL OF Fax:910-350-2004

EHNR/DEM LABORATORY
SEMI-VOLATILE TPH DIESEL RANGE REPORT

LAB NO. 6G1170

REPORTED BY
CHECKED BY
REVIEWED BY

SUPERVISOR REK
DATE 6/26/96

ENTERED BY
DATE 6/26/96

ANALYSIS RESULTS

SAMPLE TYPE: SOIL

PARAMETER	TQL mg/Kg	DETECTED mg/Kg	COMMENTS
DIESEL RANGE ORGANICS	10	140	

TQL- Target Quantitation Limit- Subject to change due to instrument sensitivity
D- Detected below quantitation limit
U- Sample analyzed for this compound but not detected

ENR/DEM LABORATORY
VOLATILE ANALYTICAL REPORT

LAB NO. 601170

REPORTED BY DJB 10/3/96
CHECKED BY
REVIEWED BY

SUPERVISOR RBK
DATE 6/24/96
ENTERED BY
DATE 6/24/96

SAMPLE TYPE: SOIL

ANALYSIS RESULTS

CAS#	VOA TARGET COMPOUND	TQL ug/Kg	DETECTED ug/Kg	CAS#	VOA TARGET COMPOUND	TQL ug/Kg	DETECTED ug/Kg
75-35-4	1,1-Dichloroethene	0.75	N	96-18-4	1,2,3-Trichloropropane	0.25	N
75-09-2	Methylene Chloride	10	N	108-86-1	Bromobenzene	1	N
156-60-5	trans-1,2-Dichloroethene	0.75	N	95-49-8	2-Chlorotoluene	0.25	N
75-34-3	1,1-Dichloroethane	0.25	N	106-43-4	4-Chlorotoluene	0.25	N
590-20-7	2,2-Dichloropropane	0.25	N	541-73-1	1,3 Dichlorobenzene	0.25	N
156-59-4	cis-1,2-Dichloroethene	0.25	N	106-46-7	1,4-Dichlorobenzene	0.26	N
67-66-3	Chloroform	0.25	N	95-50-1	1,2-Dichlorobenzene	0.25	N
74-97-5	Bromochloromethane	0.75	N	96-12-8	1,2-Dibromo-3-Chloropropane	1	N
71-55-6	1,1,1-Trichloroethane	0.25	N	120-82-1	1,2,4-Trichlorobenzene	0.25	N
563-58-6	1,1-Dichloropropene	0.25	N	87-68-3	Hexachlorobutadiene	0.25	N
56-23-5	Carbon Tetrachloride	0.75	N	87-61-6	1,2,3-Trichlorobenzene	0.75	N
107-06-2	1,2-Dichloroethane	0.25	N	1634-04-4	Methyl-tert-butyl ether	5	N
79-01-6	Trichloroethene	0.25	N	71-43-2	Benzene	1	N
78-87-5	1,2-Dichloropropane	0.25	N	108-88-3	Toluene	1	N
75-27-4	Bromodichloromethane	0.25	N	100-41-4	Ethyl benzene	1	N
74-95-3	Dibromomethane	1	N	108-38-3	m,p-Xylenes	2	N
10061-01-5	cis-1,3-Dichloropropene	0.26	N	95-47-6	o-Xylene	1	N
10061-02-6	trans-1,3-Dichloropropene	0.26	N	100-42-5	Styrene	1	N
79-00-5	1,1,2-Trichloroethane	0.25	N	98-82-8	Isopropylbenzene	1	N
127-18-4	Tetrachloroethene	0.25	N	103-65-1	n-Propylbenzene	1	N
142-28-9	1,3-Dichloropropane	0.25	N	108-67-8	1,3,5-Trimethylbenzene	1	N
124-48-1	Dibromochloromethane	0.75	N	98-06-6	tert Butylbenzene	1	N
106-93-4	1,2-Dibromoethane	1	N	95-63-6	1,2,4-Trimethylbenzene	1	N
108-90-7	Chlorobenzene	0.25	N	135-98-8	sec-Butylbenzene	1	N
630-20-6	1,1,1,2-Tetrachloroethane	0.25	N	99-87-6	p-Isopropyltoluene	1	N
75-25-2	Bromoform	0.5	N	104-51-8	n-Butylbenzene	1	N
79-34-6	1,1,2,2-Tetrachloroethane	0.75	N	91-20-3	Naphthalene	1	N

	mg/Kg	mg/Kg
Gasoline Range Estimated Total Petroleum Hydrocarbon	19	39

TQL- Target Quantation Limit- Subject to change due to instrument sensitivity
T- Tentatively identified, not confirmed
E- Estimated Value
U- Samples analyzed for this compound but not detected
N- Sample not analyzed for this compound
D- Detected below quantitation limit
M- GC/MS Analysis performed

Other surgeables detected (up to 10 highest peaks) ug/Kg

COMMENTS:

WILMINGTON REGIONAL OF Fax:910-350-2004 Oct 4 '96 16:04 P.07

GROUNDWATER FIELD/LAB FORM SOIL SAMPLE

North Carolina
Department of Environment, Health, and Natural Resources
DIVISION OF ENVIRONMENTAL MANAGEMENT - GROUNDWATER SECTION

County N. Hanover
Quad No. DD-30,4 Serial No.
Lat. 341438 Long. 775436

CHAIN OF CUSTODY

SAMPLE PRIORITY
[X] ROUTINE [ ] EMERGENCY
[X] CHAIN OF CUSTODY

3

Lab Number 6G 1171
Date Received 5/30/96 Time 9:15
Rec'd by: DS From: Bus, Courier, Hand Del.,
Other:
Data Entry By: Ck:
Date Reported:

Report To: ARO, FRO, MRO, RRO, WaRO, WiRO,
WSRO, Kinston FO, Fed. Trust, Central Off., Other:
Shipped by: Bus, Courier, Hand Del., Other:
Collector(s): Mayo/Reed Date 5/29/96 Time 10:28 am

Purpose:
Baseline, Complaint, Compliance, LUST (Underline), Pesticide Study, Federal Trust, Other:

FIELD ANALYSES

pH_{400} _____ Spec. Cond.$_{94}$ _____ at 25° C
Temp.$_{10}$ _____ °C Odor yes
Appearance dark grey
Field Analysis By: Mayo/Reed

Owner Peter Grear
Location or site Creekwood Mini Mart - Princess Place Drive
Description of sampling point borehole 2
Sampling Method auger (Pump, bailer, etc.) Sample Interval 11'
Remarks sample @ Eleven feet (pumping time, air temp, etc.)

LABORATORY ANALYSES

	BOD$_5$ 310	mg/l		Diss. Solids 70300	mg/l		Ag - Silver 46566	ug/l		Organochlorine Pesticides
	COD High 340	mg/l		Flouride 951	mg/l		Al - Aluminum 46557	ug/l		Organophosphorus Pesticides
	COD Low 335	mg/l		Hardness; Total 900	mg/l		As - Arsenic 46551	ug/l		Nitrogen Pesticides
	Coliform: MF Fecal 31616	/100ml		Hardness (non-carb) 902	mg/l		Ba - Barium 46558	ug/l		
	Coliform: MF Total 31504	/100ml		Phenols 32730	ug/l		Ca - Calcium 46552	mg/l		Acid Herbicides
	TOC 680	mg/l		Specific Cond. 95	uMhos/cm²		Cd - Cadmium 46559	ug/l		
	Turbidity 76	NTU		Sulfate 945	mg/l		Cr - Chromium 46560	ug/l		Semivolatile Organics
	Residue, Suspended 530	mg/l		Sulfide 745	mg/l		Cu - Copper 46562	ug/l		
							Fe - Iron 46563	ug/l		
							Hg - Mercury 71900	ug/l		Volatile Organics (VOA bottle)
	pH 403	units					K - Potassium 46555	mg/l		SOIL SAMPLE
	Alkalinity to pH 4.5 410	mg/l					Mg - Magnesium 46554	mg/l	X	TPH - Gasoline Range
	Alkalinity to pH 8.3 415	mg/l					Mn - Manganese 46565	ug/l		[redacted]
	Carbonate 445	mg/l		NH_3 as N 610	mg/l		Na - Sodium 46556	mg/l		
	Bicarbonate 440	mg/l		TKN as N 625	mg/l		Ni - Nickel	ug/l		
	Carbon dioxide 405	mg/l		NO_2 + NO_3 as N 630	mg/l		Pb - Lead 46564	ug/l	X	TPH Diesel
	Chloride 940	mg/l		P: Total as P 665	mg/l		Se - Selenium	ug/l		
	Chromium: Hex 1032	ug/l					Zn - Zinc 46567	ug/l		SV
	Color: True 80	Pt-Co								
	Cyanide 720	mg/l								

Lab Comments:

Gw-54 REV. 6/92 For Dissolved Analysis - submit filtered sample and write "DIS" in block

ENVIRDEM LABORATORY
VOLATILE ANALYTICAL REPORT

LAB NO. 6G1171

REPORTED BY DJB 7/7/96
CHECKED BY
REVIEWED BY

SUPERVISOR REK
DATE 6/26/96

ENTERED BY
DATE 6/26/96

SAMPLE TYPE: SOIL

ANALYSIS RESULTS

CAS#	VOA TARGET COMPOUND	TQL ug/Kg	DETECTED ug/Kg	CAS#	VOA TARGET COMPOUND	TQL ug/Kg	DETECTED ug/Kg
75-35-4	1,1-Dichloroethene	0.75	N	96-18-4	1,2,3-Trichloropropane	0.25	N
75-09-2	Methylene Chloride	10	N	108-86-1	Bromobenzene	1	N
156-60-5	trans-1,2-Dichloroethene	0.75	N	95-49-8	2-Chlorotoluene	0.25	N
75-34-3	1,1-Dichloroethane	0.75	N	106-43-4	4-Chlorotoluene	0.25	N
590-20-7	2,2-Dichloropropane	0.25	N	541-73-1	1,3-Dichlorobenzene	0.25	N
156-59-4	cis-1,2-Dichloroethene	0.25	N	106-46-7	1,4-Dichlorobenzene	0.25	N
67-66-3	Chloroform	0.25	N	95-50-1	1,2-Dichlorobenzene	0.25	N
74-97-5	Bromochloromethane	0.75	N	96-12-8	1,2-Dibromo-3-Chloropropane	1	N
71-55-6	1,1,1-Trichloroethane	0.25	N	120-82-1	1,2,4-Trichlorobenzene	0.75	N
563-58-6	1,1-Dichloropropene	0.25	N	87-68-3	Hexachlorobutadiene	0.25	N
56-23-5	Carbon Tetrachloride	0.75	N	87-61-6	1,2,3-Trichlorobenzene	0.75	N
107-06-2	1,2-Dichloroethane	0.25	N	1634-04-4	Methyl-tert-butyl ether	5	N
79-01-6	Trichloroethene	0.25	N	71-43-2	Benzene	1	N
78-87-5	1,2-Dichloropropane	0.25	N	108-88-3	Toluene	1	N
75-27-4	Bromodichloromethane	0.25	N	100-41-4	Ethyl benzene	1	N
74-95-3	Dibromomethane	1	N	108-38-3	m,p-Xylenes	2	N
10061-01-5	cis-1,3-Dichloropropene	0.25	N	95-47-6	o-Xylene	1	N
10061-02-6	trans-1,3-Dichloropropene	0.25	N	100-42-5	Styrene	1	N
79-00-5	1,1,2-Trichloroethane	0.25	N	98-82-8	Isopropylbenzene	1	N
127-18-4	Tetrachloroethene	0.25	N	103-65-1	n-Propylbenzene	1	N
142-28-9	1,3-Dichloropropane	0.25	N	108-67-8	1,3,5-Trimethylbenzene	1	N
124-48-1	Dibromochloromethane	0.75	N	98-06-6	tert-Butylbenzene	1	N
106-93-4	1,2-Dibromoethane	1	N	95-63-6	1,2,4-Trimethylbenzene	1	N
108-90-7	Chlorobenzene	0.25	N	135-98-8	sec-Butylbenzene	1	N
630-20-6	1,1,1,2-Tetrachloroethane	0.25	N	99-87-6	p-Isopropyltoluene	1	N
75-25-2	Bromoform	0.5	N	104-51-8	n-Butylbenzene	1	N
79-34-5	1,1,2,2-Tetrachloroethane	0.75	N	91-20-3	Naphthalene	1	N

	mg/Kg	mg/Kg
Gasoline Range Estimated Total Petroleum Hydrocarbon	330	700

Other purgeables detected (up to 10 highest peaks) — ug/Kg

TQL- Target Quantation Limit- Subject to change due to instrument sensitivity
T- Tentatively Identified, not confirmed
E- Estimated Value
U- Samples analyzed for this compound but not detected
N- Sample not analyzed for this compound
D- Detected below quantitation limit
M- GC/MS Analysis performed

COMMENTS:

EHNR/DEM LABORATORY
SEMI-VOLATILE TPH DIESEL RANGE REPORT

LAB NO. 6G1171

REPORTED BY
CHECKED BY
REVIEWED BY

SUPERVISOR REK
DATE 6/26/96
ENTERED BY
DATE 10/26/96

ANALYSIS RESULTS

SAMPLE TYPE: SOIL

PARAMETER	TQL mg/Kg	DETECTED mg/Kg	COMMENTS
DIESEL RANGE ORGANICS	40	900	

TQL- Target Quantitation Limit- Subject to change due to instrument sensitivity
D- Detected below quantitation limit
U- Sample analyzed for this compound but not detected

ATC ASSOCIATES OF NORTH CAROLINA, P.C.

2725 E. Millbrook Road, Suite 121
Raleigh, NC 27604
www.atc-enviro.com
919.871.0999
Fax 919.871.0335

06 MAR -7 PM 2:28

March 6, 2006

Mr. Scott Ryals
North Carolina Department of Environment and Natural Resources
Central Office
Division of Waste Management - UST Section
1637 Mail Service Center
Raleigh, North Carolina 27699-1637

Re: Underground Storage Tank Closure Report
Creekwood Mini Mart
3002 Princess Place Drive
Wilmington, New Hanover County, North Carolina
NCDENR Incident No. 18694
NCDENR Facility No. 0-020307
ATC Project No. 45.18514.4002

Dear Mr. Ryals:

ATC Associates of North Carolina, P.C., in accordance with Task Authorization (TA 18694-1), is submitting this Underground Storage Tank Closure Report for the above referenced site. The report follows the format specified by Form GW/UST-12.

If you have any questions or require additional information, please contact our office at (919) 871-0999.

Sincerely,

ATC Associates of North Carolina, P.C.

Melissa N. Craig
Staff Scientist

Kurt H. Ness, P.G.
Senior Project Manager

Received 7/17/06 S. Ryals

06 MAR -7 PM 2:28

Underground Storage Tank Closure Report
Creekwood Mini Mart
3002 Princess Place Drive
Wilmington, New Hanover County, North Carolina
NCDENR Incident No. 18694
NCDENR Facility No. 0-020307
ATC Project No. 45.18514.4002

Underground Storage Tank Closure Report
Creekwood Mini Mart
3002 Princess Place Drive
Wilmington, New Hanover County, North Carolina
NCDENR Incident No. 18694
NCDENR Facility No. 0-020307
ATC Project No. 45.18514.4002

Prepared By:

Melissa N. Craig
Project Scientist

Submitted To:

State of North Carolina
Department of Environment and Natural Resources
Central Office
Division of Waste Management
Underground Storage Tank Section
1637 Mail Service Center
Raleigh, North Carolina 27699

Submitted By:

Kurt H. Ness, P.G.
Senior Project Manager
N.C. Professional Geologist #1981



ATC Associates of North Carolina, P.C.
2725 East Millbrook Road, Suite 121
Raleigh, North Carolina 27604
Phone: (919) 871-0999
Fax: (919) 871-0335

March 6, 2006

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INTRODUCTION

ATC Associates of North Carolina, P.C. (ATC) was retained by North Carolina Department of Environment and Natural Resources (NCDENR) in accordance with Task Authorization (TA 18694-1) to supervise the underground storage tank (UST) system closure at Creekwood Mini Mart in Wilmington, New Hanover County, North Carolina. The site is located at 3002 Princess Place Drive. The site is shown on ***Figures 1*** and ***2***.

The scope of services provided by ATC included the following:

- Supervision of removal activities for the UST;
- Supervision of petroleum impacted soil excavation;
- Soil sampling and analysis; and
- Preparation of a UST Closure Report.

This UST closure report presents a summary of field activities and observations and provides documentation of impacted soil disposal, UST removal, and soil analytical results. UST system information is included in ***Table 1***. Forms GW/UST-3 and GW/UST-2 are included in ***Appendix A*** and ***Appendix B*** respectively. As required by NCDENR guidelines, this UST closure report follows the GW/UST-12 format.

I. GENERAL INFORMATION

A. Ownership of UST(s)

1. Name of UST Owner:	Peter Grear DBA The Challenger
2. Address and telephone number:	PO Box 2279 Wilmington, NC 28402

B. Operator of UST(s):

1. Name of UST operator:	Unknown
2. Operator address and telephone number:	Unknown

C. Facility Information:

1. Facility name:	Creekwood Mini Mart
2. Facility ID #	0-030207
3. Facility address, telephone number, and county:	3002 Princess Place Drive Wilmington, North Carolina (919) 763-4076 New Hanover County

D. Contacts:

1. Name, address, telephone number, and job title of primary contact person:

Mr. Scott Ryals
NCDENR
1637 Mail Service Center
Raleigh, North Carolina 27699-1637
(919) 733-1318

2. Name, address, and telephone number of closure contractor:

ATC Associates of North Carolina, P.C.
2725 East Millbrook Road, Suite 121
Raleigh, North Carolina 27604
(919) 871-0999

3. Name, address, and telephone number of primary consultant:

ATC Associates of North Carolina, P.C.
2725 East Millbrook Road, Suite 121
Raleigh, North Carolina 27604
(919) 871-0999

4. Name, address, telephone number, and State certification number of laboratories:

Southern Petroleum Laboratories
500 Ambassador Caffery Parkway
Scott, LA 70583
(337) 237-4775
NC Certification #487

E. UST Information:

UST #	Installation Date	Size in Gallons	Tank Dimensions	Last Contents	Previous Contents (if any)
1	10/5/1970	4,000	64" x 24'	Gasoline	
2	10/5/1970	4,000	64" x 24'	Gasoline	
3	10/5/1970	4,000	64" x 24'	Gasoline	
4	10/5/1970	4,000	64" x 24'	Gasoline	

F. Site Characteristics:

1. Describe any past releases at this site:

In 1996, NCDENR was onsite to investigate claims that abandoned USTs remained in the ground. Soil borings were advanced and results from three borings indicated that a petroleum release had occurred at the site. The release was reported on May 29, 1996.

2. Is the facility active or inactive at this time? If the facility is inactive, note the last time the UST(s) were in operation:

The facility is presently inactive. The UST was last known to be in use in 1992.

3. Describe surrounding property use (for example, residential, commercial, farming, etc.):

The surrounding properties are primarily commercial.

4. Describe site geology/hydrogeology:

According to the Geologic Map of North Carolina (1985) the site is located in the Coastal Physiographic Province of North Carolina. The Coastal Plain is an eastward thickening wedge of stratified, unconsolidated to semi-consolidated, alluvial and marine deposits. These sediments consist primarily of sand, clay, silt, and gravel, with variable amounts of shell material that range in age from Cretaceous to Recent (Holocene). Unconformably underlying the coastal plain sediments is a crystalline basement rock surface composed of massive igneous rocks and highly deformed metamorphic rocks that range in age from Precambrian to lower Paleozoic.

More specifically, the site is underlain by the Comfort Member and New Hanover Member formations, undivided. The Comfort Member consists of bryozoan-echinoid skeletal limestone, locally dolomitized, solution cavities are common. The New Hanover Member consists of phosphate-pebble conglomerate, micritic, thin; restricted to basal part of Castle Hayne formation in southeastern counties.

Tan to brown sand was encountered during excavation at the site.

5. Describe results of receptor survey (water wells, basements, etc., within 1,500 feet of the facility):

A receptor survey was not completed during tank closure activities. Public water is available in the site vicinity, and no water supply wells were identified within 1,000 feet of the site according to an Assessment Report completed by Withers & Ravenel dated April 1, 2005.

II. CLOSURE PROCEDURES

A. Preparations for Closure

In December 2005, ATC notified the Wilmington Regional Office of NCDENR regarding the scheduled UST closure activities for the site. A Copy of the GW/UST-3 (Notice of Intent) form is included in ***Appendix A***. ATC also contacted the Wilmington Fire Marshall prior to UST removal. The permit issued by the City of Wilmington Fire Marshall is included as ***Appendix C***.

The North Carolina One Call Center (ULOCO) was contacted to identify underground utilities. No underground utilities were noted on site.

B. Amount of Residual Material

Approximately 623 gallons of residual liquid was removed from the USTs.

C. Storage, Sampling, and Disposal of Residual Material

Petroleum product and water removed from the tanks was transported to Shamrock Environmental in Greensboro, North Carolina. The waste disposal manifest is included in ***Appendix D***.

D. Excavation

1. Describe excavation procedures noting the condition of the soil encountered and the dimensions of the excavation in relation to the tanks, piping, and/or pumps:

   The gasoline USTs were located off the northeast corner of the store building. ATC began the excavation activities on January 4, 2006. The tanks were degassed until deemed safe by the City of Wilmington Fire Marshall and removed using the track hoe and placed onto trailers. The approximate dimensions of the UST pit are included on ***Figure 2***. Gasoline product piping was also removed. Gasoline product dispensers were removed prior to ATC being onsite. Concrete dispenser islands were removed prior to sampling. Approximately 132.64 tons of impacted soil was removed, however no over-excavation was performed.

   The USTs were transported and disposed of by Southeast Response & Remediation, Inc. Certificates of Disposal for the tanks are included in ***Appendix D***.

2. Note the depth of tank burial(s) (from land surface to top of tank):

   The USTs were buried at a depth of approximately two feet bls.

3. Note volume of soil excavated:

   The total quantity of impacted soil excavated during the tank removal activities was approximately 132.64 tons.

4. Describe soil type(s) encountered:

   Soils encountered in the UST excavation consisted mainly of tan to brown sand.

5. Describe type and source of backfill used:

   Clean soil was brought in and used for backfill. Crush and run stone was placed on top.

6. Describe condition of UST system(s) (i.e., pitting, holes, etc.):

   The USTs were observed to be in fair condition. Some corrosion and shallow pits were observed in the exterior walls of the USTs; however, holes were not identified in the USTs.

E. Contaminated Soil

1. Describe how it was determined to what extent to excavate the soil:

   Soil was excavated to the extent necessary to remove the USTs and product lines.

2. Describe method of temporary storage, sampling, and treatment/disposal of soil:

   Impacted soil was segregated during the tank closure activities based on odor and visual indications of soil contamination. Impacted soil was temporarily stockpiled on-site over plastic and covered by plastic. A soil sample (STOCKPILE) was collected from the stockpile. Sample analyses are discussed in Section III. Upon completion of excavation activities, Southeast Response & Remediation, Inc. was contracted to dispose of the soil at the site. On February 15, 2006, Southeast Response & Remediation, Inc. and Oak Hill Farms loaded the soil onto dump trailers for transportation to Oak Hill Farms disposal facility in Autreyville, North Carolina. Soil disposal manifests are included in ***Appendix D***.

III. SITE INVESTIGATION

A. Field Screening

Based upon the appearance of fill material and tank pit soil samples, an organic vapor analyzer (OVA) was deemed unnecessary and therefore field screening was not completed.

B. Soil Sampling

Soil samples were collected from 16 locations at the conclusion of the tank removal activities. Groundwater was encountered at a depth of approximately 8 feet bls during excavation activities; therefore, soil samples were collected from the sidewalls of excavation (TP-1 through TP-12), beneath the dispensers (D-1 through D-3), and beneath the product lines (L-1) using the backhoe bucket. The final depth of the gasoline tank pit was approximately 9 feet bls. Soil sample locations are shown on ***Figure 2***.

C. Groundwater Sampling

Groundwater was encountered at a depth of approximately 8 feet bls in the excavation. Groundwater was not sampled from the tank pits during tank closure activities.

D. Quality Control Measures

Soil samples were placed in laboratory supplied glass jars and shipped in an ice-filled cooler to Southern Petroleum Laboratories (SPL) in Scott, Louisiana. Soil samples were analyzed for gasoline range total petroleum hydrocarbons (TPH-GRO) by EPA Method 5030.

E. Investigation Results

The results of the laboratory analyses indicated concentrations above the NCDENR Action Level of 10 milligrams per kilogram (mg/kg) in sidewall samples TP-11 and TP-12 and the stockpile sample. Soil excavation and disposal was completed to the extent necessary to remove the tanks. Soil analytical results are summarized in ***Table 2***. Laboratory analytical reports are included in ***Appendix E***.

IV. CONCLUSIONS

ATC has completed soil sampling and reporting associated with the closure of four 4,000-gallon gasoline USTs at the Creekwood Mini Mart located at 3002 Princess Place Drive in Wilmington, North Carolina. Impacted soil was excavated to the extent necessary for the removal of the USTs. Soil samples collected from the sidewalls of the tank pit (TP-11 and TP-12) contained contaminants above the NCDENR Action Levels. Based on the results of this investigation, ATC recommends a Limited Site Assessment (LSA) due to the contaminated soil and the groundwater encountered in the UST excavation.

TABLE

TABLE 1
UST SYSTEM INFORMATION

CREEKWOOD MINI MART
3002 PRINCESS PLACE DRIVE
WILMINGTON, NORTH CAROLINA
INCIDENT NO. 18694
FACILITY NO. 0-020307
ATC PROJECT NO. 45.18514.4002

UST ID Number	Product	Capacity (gallons)	Date Installed	Date taken out of Use	Date Permanently Closed	Was Release Associated With UST System?
1	Gasoline	4,000	10/5/1970	9/1/1992	1/5/2006	Yes
2	Gasoline	4,000	10/5/1970	9/1/1992	1/5/2006	Yes
3	Gasoline	4,000	10/5/1970	9/1/1992	1/5/2006	Yes
4	Gasoline	4,000	10/5/1970	9/1/1992	1/5/2006	Yes

UST ID Number	Name of Owner or Operator	Dates of Ownership / Operation	Owner or Operator?
0-020307	Peter Grear DBA The Challenger	Unknown	Owner
Address		**Telephone Number**	
PO Box 2279		Unknown	
Wilmington, North Carolina 28402			

TABLE 2
SOIL ANALYTICAL RESULTS

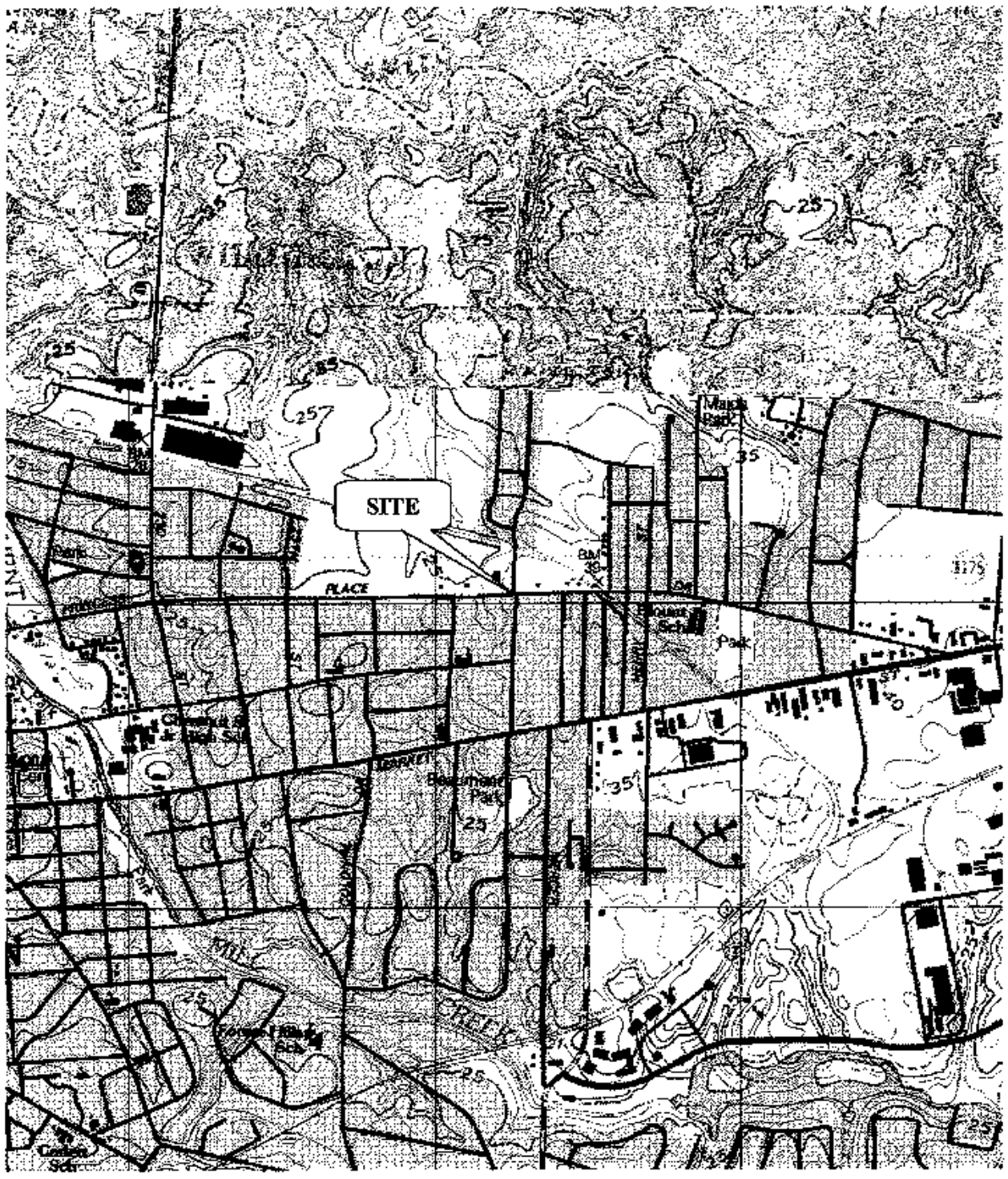
CREEKWOOD MINI MART
3002 PRINCESS PLACE DRIVE
WILMINGTON, NORTH CAROLINA
INCIDENT NO. 18694
FACILITY NO. 0-020307
ATC PROJECT NO. 45.18514.4002

Sample ID	Sample Date	Suspected Contaminant	Sample Depth (feet bls)	TPH as Gasoline (mg/kg)
TP-1	01/05/06	Gasoline	7-8	6.5
TP-2	01/05/06	Gasoline	7-8	<0.091
TP-3	01/05/06	Gasoline	7-8	<0.084
TP-4	01/05/06	Gasoline	7-8	<0.12
TP-5	01/05/06	Gasoline	7-8	0.11
TP-6	01/05/06	Gasoline	7-8	<0.087
TP-7	01/05/06	Gasoline	7-8	0.097
TP-8	01/05/06	Gasoline	7-8	0.25
TP-9	01/05/06	Gasoline	7-8	0.27
TP-10	01/05/06	Gasoline	7-8	2.9
TP-11	01/05/06	Gasoline	7-8	21
TP-12	01/05/06	Gasoline	7-8	41
L-1	01/05/06	Gasoline	3	1.2
D-1	01/05/06	Gasoline	3	0.25
D-2	01/05/06	Gasoline	3	1.7
D-3	01/05/06	Gasoline	3	<0.081
STOCKPLIE	01/05/06	Gasoline	--	1,100
NCDENR Reportable Concentration				10
Residential Soil Cleanup Levels				NE

Notes:

1. TPH = Total Petroleum Hydrocarbons.
2. TPH concentrations are reported in milligrams per kilogram (mg/kg).
3. "<" = Not Detected at or above the laboratory detection limit.
4. NE = Not Established.

FIGURES



N

SOURCE: 1990 USGS 7.5 MINUTE SERIES TOPOGRAPHIC MAP
WILMINGTON QUAD, NEW HANOVER COUNTY, NORTH CAROLINA.

VATC ASSOCIATES INC.
2725 E. Millbrook Road, Suite 121
Raleigh, NC 27604
(919) 871-0999

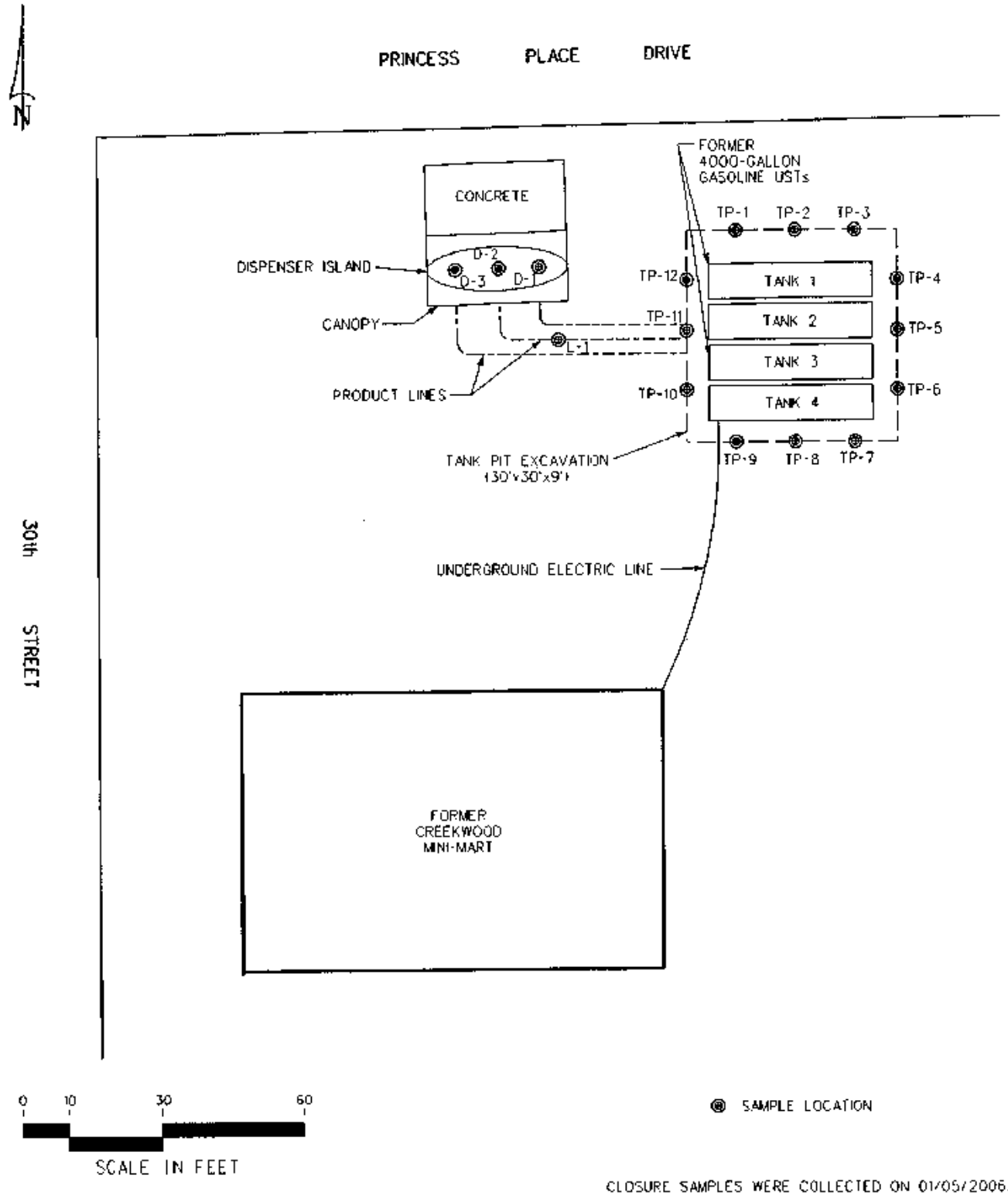
PROJECT NO: 45.18514.4002

SCALE: 1" = 4000'

DATE: 02-2006

FIGURE 1
TOPOGRAPHIC MAP

CREEKWOOD MINI MART
3002 PRINCESS PLACE DRIVE
WILMINGTON, NEW HANOVER COUNTY,
NORTH CAROLINA



CLOSURE SAMPLES WERE COLLECTED ON 01/05/2006.

TITLE FIGURE 2
SITE MAP
CREEKWOOD MINI-MART
3002 PRINCESS PLACE DRIVE
WILMINGTON, NORTH CAROLINA

ATC ASSOCIATES INC.
Raleigh, North Carolina 27604 (919)871-0999 FAX (919)871-0335

CAD FILE	TYPE CODE	PREP. BY	REV. BY	SCALE	DATE	PROJECT NO.
1252916.DGN		MC	KN	1" = 20'	02-21-2006	45.18514.4002

APPENDIX A

FORM GU/UST-3

UST-3 Notice of Intent: UST Permanent Closure of Change-in-Service

FOR TANKS IN NC

Return completed form to:
The DWM Regional Office located in the area where the facility is located. SEE MAP ON THE BACK OF THIS FORM FOR REGIONAL OFFICE ADDRESSES.

STATE USE ONLY
I.D. #
Date Received

INSTRUCTIONS

Complete and return at least five (5) working days prior to closure or change-in-service if a Professional Engineer (P.E.) or a Licensed Geologist (L.G.) provides supervision for closure or change-in-service site assessment activities and signs and seals all closure reports. Otherwise, a thirty (30) day notice is required.

I. OWNERSHIP OF TANKS

Peter Grear DBA The Challenger
Owner Name (Corporation, Individual, Public Agency, or Other Entity)
PO Box 2279
Street Address
Wilmington — New Haven
City — County
NC — 28402
State — Zip Code
Area Code — Phone Number

II. LOCATION

Former Creekside Mini-Mart
Facility Name or Company
0-020307
Facility ID # (If known)
3002 Princess Place Drive
Street Address
Wilmington — New Haven — 919 763-4076
City — County — Zip Code — Area Code Phone Number

III. CONTACT PERSONNEL

Name Scott Ryals — Job Title MCDENR — Phone Number 919 733-1318

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

1. Contact local fire marshal.
2. Plan entire closure event.
3. Conduct Site Soil Assessment.
4. If removing tanks or closing in place, refer to API Publication 2015 *Cleaning Petroleum Storage Tanks* and 1604 *Removal and Disposal of Used Underground Petroleum Storage Tanks*.
5. Provide a sketch locating piping, tanks and soil sampling locations.
6. Submit a closure report in the format of UST-12 (including the form UST-2) within thirty (30) days following the site investigation.
7. If a release from the tanks has occurred, the site assessment portion of the tank closure must be conducted under the supervision of a P.E. or L.G., with all closure site assessment reports bearing the signature and seal of the P.E. or L.G. If a release has not occurred, the supervision, signature or seal of a P.E. or L.G. is not required.
8. Keep closure records for three (3) years.

V. WORK TO BE PERFORMED BY

Contractor Name ATC Associates
Address 2725 E. Millbrook Road, Raleigh — State NC — Zip Code 27604
Contact Person Kurt Ness — Phone No. 919 871-0999
Primary Consultant ATC Associates — Phone No. 919 871-0999

VI. TANKS SCHEDULED FOR CLOSURE OR CHANGE-IN-SERVICE

Tank ID #	Tank Capacity	Last Contents	Proposed Activity: Closure – Removal	Proposed Activity: Closure – Abandonment in Place	Proposed Activity: Change-In-Service – New Contents Stored
1	4000	gasoline	☒	☐	
2	4000	gasoline	☐	☐	
3	4000	gasoline	☐	☐	
4	4000	gasoline	☐	☐	
			☐	☐	
			☐	☐	

VII. OWNER OR OWNER'S AUTHORIZED REPRESENTATIVE

I understand that I can be held responsible for environmental damage resulting from the improper disposal of my USTs. Read note on the back of this form before signing.
Print name and official title Kurt Ness, Senior Project Manager

Signature — Date Signed 12/26/05 — SCHEDULED REMOVAL DATE 1/2/06 — **Notify your DWM Regional Office 48 hours before this date if scheduled removal date changes**

NORTH CAROLINA LICENSED SEAL 1981 GEOLOGIST KURT H. NESS

UST-3 Rev 02/2001 — White copy – Regional Office — Yellow Copy – Central Office — Pink Copy - Owner

APPENDIX B

FORM GU/UST-2

(GW/UST-2) Site Investigation Report For Permanent Closure or Change-in-Service of U.S.T.

FOR TANKS IN **NC**

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

State Use Only
I.D. Number
Date Received

INSTRUCTIONS

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

I. Ownership of Tank(s)

Peter Grear DBA The Challenger
Owner Name (Corporation, Individual, Public Agency, or Other Entity)
PO Box 2279
Street Address
New Hanover
County
Wilmington | North Carolina | 28402
City | State | Zip Code
Area Code | Telephone Number

II. Location of Tank(s)

Former Creekwood Mini-Mart
Facility Name or Company
0-020307
Facility ID # (If available)
3002 Princess Place Drive
Street Address or State Road
New Hanover | Wilmington | 28405
County | City | Zip Code
919 | 763-4076
Area Code | Telephone Number

III. Contact Person

Scott Ryals | NCDENR | 919-733-1318
Name: | Job Title | Telephone No. (Area Code)
Closure Contractor (Name): ATC Associates of North Carolina, P.C. (Address): 2725 E. Millbrook Rd, Suite 121, Raleigh, NC 27604 | 919-871-0999
Telephone No. (Area Code)
Lab (Name): Southern Petroleum Laboratories (Address): 500 Ambassador Caffery Parkway, Scott, LA 70583 | 337-237-4775
Telephone No. (Area Code)

IV. U.S.T. Information

V. Excavation Condition

VI. Additional Information Required

Tank No.	Size in Gallons	Tank Dimensions	Last Contents	Water in Excavation		Free Product		Notable Odor or Visible Soil Contamination	
				Yes	No	Yes	No	Yes	No
1	4,000	64" x 24'	Gasoline	X			X	X	
2	4,000	64" x 24'	Gasoline	X			X	X	
3	4,000	64" x 24'	Gasoline	X			X	X	
4	4,000	64" x 24'	Gasoline	X			X	x	

See reverse side of pink copy (owner's copy) for additional information required by

VI. Check List

Check the activities completed.

- [X] Contact local fire marshall.
- [X] Notify DEM Regional Office before abandonment.
- [X] Drain & flush piping into tank.
- [X] Remove all product and residuals from tank.
- [X] Excavate down to tank.
- [X] Clean and inspect tank.
- [X] Remove drop tube, fill pipe, gauge pipe, vapor recovery tank connections, submersible pumps and other tank fixtures.
- [ ] Cap or plug all lines except the vent and fill lines.
- [X] Purge tank of all product & flammable vapors.
- [ ] Cut one or more large holes in the tanks.
- [X] Backfill the area.

Date Tank(s) Permanently closed: 01/05/06
Date of Change-in Service: N/A

ABANDONMENT IN PLACE

- [ ] Fill tank until material overflows tank opening:
- [ ] Plug or cap all openings.
- [ ] Disconnect and cap or remove vent line:
- [ ] Solid inert material used - specify:

REMOVAL

- [X] Create vent hole.
- [X] Label tank.
- [X] Dispose of tank in approved manner.

Final tank destination: Horton Iron & Metal, Wilmington, North Carolina

VIII. Certification (Read and Sign)

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

Print name and official title of owner or owner's authorized representative	Signature	Date Signed
Kurt H. Ness, P.G. Senior Project Manager ATC Associates of North Carolina, P.C.		2-17-06



APPENDIX C

CITY OF WILMINGTON PERMIT

CITY OF WILMINGTON
NORTH CAROLINA

Fire and Life Safety
801 Market St.
Wilmington, NC 28401
Phone (910) 343-0696 Fax (910) 343-4772

Permit Certificate

Date: 01/04/2006

Business Name: ATC ASSOCIATES

Address: E MILLBROOK RD
RALEIGH, NC 27604

Phone:

The following permit has been issued:

Permit No. 008041

Type: 5-60-13 ABOVEGROUND TANK REMOVAL (PER TANK)

Issued Date: 01/04/2006
Effective Date: 01/04/2006
Expiration Date: 01/06/2006

Notes: REMOVE FOUR UST AT 3016 PRINCESS PLACE DR. - STOP AND GO FOOD MART.
4 - 4000 GALLON TANKS

It is the business's responsibility to ensure that conditions are in accordance with applicable State and Local fire regulations.

Please contact the Wilmington Fire Department for more information.

1-4-06

Inspector: No Staff ID Date

APPENDIX D

MATERIAL, TANK, AND SOIL DISPOSAL MANIFESTS

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. | Manifest Document No. 10499 | 2. Page 1 of 01

3. Generator's Name and Mailing Address
ATC ASSOCIATES Inc.
5215 E. MILLBROOK RD. RALEIGH NC 27604

4. Generator's Phone (919) 971. 0999 AGENT

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Southeast Response & Remediation, Inc	NC0000926618	800-310-6757
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Southeast Response & Remediation, Inc P.O. Box 221 Wilmington, NC 28402	NC0000926618	800-310-6757

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-Regulated Waste Petroleum & Water	001	tk	6.27	gals
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
MICHAEL A. SMITH AGENT		01	04	06

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		01	04	06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Richard Miles		01	04	06

GENERATOR — TRANSPORTER — FACILITY

ORIGINAL - RETURN TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 01
	10498	

3. Generator's Name and Mailing Address: ATC Associates Inc.
2725 E Millbrook Road
Raleigh, NC 27604

4. Generator's Phone (919) 871-0999

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Southeast Response & Remediation, Inc	NC0000926618	800-310-6757
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Southeast Response & Remediation, Inc P.O. Box 221 Wilmington, NC 28402	NC0000926618	800-310-6757

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-Regulated Steel UST	004 (EW)	T K	4000 (EW)	gals
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
BRAD BYERS	Brad Byers	01	04	06

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jeff Bible	Jeff Bible	01	04	06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Richard Miles	Richard Miles	01	04	06

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NCCESQG . . . | Manifest Document No. 2139 4 | 2. Page 1 of 0 1

3. Generator's Name and Mailing Address NC DENR
127 Cardinal Drive
Wilmington, NC

4. Generator's Phone (910) 395 - 3900

5. Transporter 1 Company Name: Southeast Response & Remediation, Inc.
6. US EPA ID Number: NC0000926616
A. Transporter's Phone: 910 - 763 - 6274

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Oak Hill Farms
9018 Rays Landing Road / PO Box 220
Autryville, NC 28318
10. US EPA ID Number
C. Facility's Phone: 910 - 531 - 3800

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-Regulated Soil Contaminated with Petroleum	001	t k	74880	tns
b.				
c.				
d.				

74880
32600
42280
21.14 TNS

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Richard Milan Agent for ATC
Signature: Richard Milan Agent for ATC
Month 02 Day 15 Year 06

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Greg Yarborough
Signature
Month 02 Day 15 Year 06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: OAK Hill Farms
Signature
Month 02 Day 15 Year 06

GENERATOR

TRANSPORTER

FACILITY

TRANSPORTER # 1

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 01
NCCESQG	21595	

3. Generator's Name and Mailing Address: NC DENR
127 Cardinal Drive
Wilmington, NC

4. Generator's Phone (910) 395-3900

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Southeast Response & Remediation, Inc.	NC0000926618	910-763-6274
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
	. . . . .	

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Oak Hill Farms 9018 Rays Landing Road / PO Box 220 Autryville, NC 28318	. . . . .	910-531-3800

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-Regulated Soil Contaminated with Petroleum	001	tk	81460	lbs
b.				
c.				
d.				

81460
30040
51420
2571 TNS

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Richard Milan Agent for ATL	Richard Milan Agent for ATL	02	15	06

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Richard Jeff White		02	15	06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		. .	. .	. .

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
OAK HILL FARMS		2	15	06

GENERATOR

TRANSPORTER

FACILITY

TRANSPORTER # 1

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. NCCESQG	Manifest Document No. 21396	2. Page 1 of 01

3. Generator's Name and Mailing Address NC DENR
127 Cardinal Drive
Wilmington, NC

4. Generator's Phone (910) 395 - 3900

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Southeast Response & Remediation, Inc.	NC0000926618	910-763-6274
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address Oak Hill Farms 9018 Rays Landing Road / PO Box 220 Autryville, NC 28318	10. US EPA ID Number	C. Facility's Phone 910-531-3800

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-Regulated Soil Contaminated with Petroleum	001	tk	20.72	ms
b.				
c. 71840				
d. 30400 41440				

D. Additional Descriptions for Materials Listed Above

20.72 TMS

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Richard Miles Agent for ATC	Richard Miles Agent for ATC	02	15	06

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jeff Bell	Jeff Bell	02	15	06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Oak Hill Farms	[signature]	02	15	06

GENERATOR

TRANSPORTER

FACILITY

TRANSPORTER # 1

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of
NCCESQG	21597	01

3. Generator's Name and Mailing Address: NC DENR
127 Cardinal Drive
Wilmington, NC

4. Generator's Phone: (910) 395-3900

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Southeast Response & Remediation, Inc.	NC0000926618	910-763-6274
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
	. . . . .	
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Oak Hill Farms 9018 Rays Landing Road / PO Box 220 Autryville, NC 28318	. . . . .	910-531-3800

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-Regulated Soil Contaminated with Petroleum	001	tk	78100	ton
b.				
c.				
d.				

78100
32600
45500
2-2-06
TNS

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Richard Miles Agent for ATC	Richard Miles Agent for ATC	02	15	06

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Greg Yarbrough	Greg Yarbrough	02	15	06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		.	.	.

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Oak Hill Farms	[signature]	02	15	06

GENERATOR

TRANSPORTER

FACILITY

TRANSPORTER # 1

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of
NCCESQG	21598	01

3. Generator's Name and Mailing Address: NC DENR
127 Cardinal Drive
Wilmington, NC

4. Generator's Phone: 910-395-3900

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Southeast Response & Remediation, Inc.	NC0000926618	910-763-6274
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Oak Hill Farms 9018 Reys Landing Road / PO Box 220 Autryville, NC 28318		910-531-3800

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-Regulated Soil Contaminated with Petroleum	001	tk	13400	lbs
b.				
c.				
d.				

13400
29600
43800
21.90
TNS

D. Additional Descriptions for Materials Listed Above	E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Richard Miller Agent for ATC	Richard Miller Agent for ATC	02	15	06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
TOM MORRIS	Tom Morris	02	15	06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
OAK HILL FARMS		02	15	06

TRANSPORTER # 1

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NCCESQG . . . .
Manifest Document No.: 21339
2. Page 1 of 01

GENERATOR

3. Generator's Name and Mailing Address: NC DENR
127 Cardinal Drive
Wilmington, NC
4. Generator's Phone: 910-395-3900

5. Transporter 1 Company Name: Southeast Response & Remediation, Inc.
6. US EPA ID Number: NCD000926618
A. Transporter's Phone: 910-763-6274

7. Transporter 2 Company Name:
8. US EPA ID Number: . . . . . .
B. Transporter's Phone:

9. Designated Facility Name and Site Address: Oak Hill Farms
9018 Rays Landing Road / PO Box 220
Autryville, NC 28318
10. US EPA ID Number: . . . . . .
C. Facility's Phone: 910-531-3800

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-Regulated Soil Contaminated with Petroleum	001	t k	20440	tns
b.				
c.				
d.				

20440
29600
40840

20.42
TNS

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Richard Miles Agent for ATC
Signature: [signature] Agent for ATC
Month: 02 Day: 15 Year: 06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Tom Mann
Signature: [signature]
Month: 02 Day: 15 Year: 06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Month: . Day: . Year: .

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Oak Hill Farms
Signature: [signature]
Month: 02 Day: 15 Year: 06

TRANSPORTER # 1

APPENDIX E

LABORATORY ANALYTICAL RESULTS

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337)237-4775

RECEIVED
JAN 23 2006
ATC ASSOCIATES, INC
RALEIGH, NC

Case Narrative for:

ATC ASSOCIATES, INC.

Certificate of Analysis Number:

06010185

Report To:		Project Name:	45185144002
ATC ASSOCIATES, INC.		Site:	CREEKWOOD MINI MART
KURT NESS		Site Address:	
2725 EAST MILBROOK RD SUITE 121			WILMINGTON NC
RALEIGH		PO Number:	
NC		State:	North Carolina
27604-		State Cert. No.:	487
ph: (919)871-0999	fax:	Date Reported:	1/16/2006

Matrix spike (MS) and matrix spike duplicate (MSD) samples are chosen and tested at random from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. Since the MS and MSD are chosen at random from an analytical batch, the sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The Laboratory Control Sample (LCS) and the Method Blank (MB) are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process. If insufficient sample is supplied for MS/MSD, a Laboratory Control Sample (LCS) and a Laboratory Control Sample Duplicate (LCSD) are reported with the analytical batch and serve as the batch quality control (QC). Results are reported on a Wet Weight Basis unless otherwise noted in the sample unit field as - dry.

Any other exceptions associated with this report will be footnoted in the analytical result page(s) or the quality control summary page(s).

Please do not hesitate to contact us if you have any questions or comments pertaining to this data report. Please reference the above Certificate of Analysis Number.

This report shall not be reproduced except in full, without the written approval of the laboratory. The reported results are only representative of the samples submitted for testing.

SPL, Inc. is pleased to be of service to you. We anticipate working with you in fulfilling all your current and future analytical needs.

TOTAL NUMBER OF PAGES IN THIS REPORT: 33 PAGES

Alberto E. Granados
Project Manager

1/16/2006
Date

Test results meet all requirements of NELAC, unless specified in the narrative.

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337)237-4775

ATC ASSOCIATES, INC.

Certificate of Analysis Number:

06010185

Report To: ATC ASSOCIATES, INC.
KURT NESS
2725 EAST MILBROOK RD SUITE 121

RALEIGH
NC
27604-
ph: (919)871-0999 fax: (919)871-0335

Fax To:

Project Name: 45185144002
Site: CREEKWOOD MINI MART
Site Address:
WILMINGTON NC
PO Number:
State: North Carolina
State Cert. No.: 487
Date Reported: 1/16/2006

Client Sample ID	Lab Sample ID	Matrix	Date Collected	Date Received	COC ID	HOLD
TP-1	06010185-01	Soil	1/5/2006 9:00:00 AM	1/7/2006 9:30:00 AM	175340,175341	☐
TP-2	06010185-02	Soil	1/5/2006 9:10:00 AM	1/7/2006 9:30:00 AM	175340,175341	☐
TP-3	06010185-03	Soil	1/5/2006 9:20:00 AM	1/7/2006 9:30:00 AM	175340,175341	☐
TP-4	06010185-04	Soil	1/5/2006 9:30:00 AM	1/7/2006 9:30:00 AM	175340,175341	☐
TP-5	06010185-05	Soil	1/5/2006 9:40:00 AM	1/7/2006 9:30:00 AM	175340,175341	☐
TP-6	06010185-06	Soil	1/5/2006 9:50:00 AM	1/7/2006 9:30:00 AM	175340,175341	☐
TP-7	06010185-07	Soil	1/5/2006 11:00:00 AM	1/7/2006 9:30:00 AM	175340,175341	☐
TP-8	06010185-08	Soil	1/5/2006 11:10:00 AM	1/7/2006 9:30:00 AM	175340,175341	☐
TP-9	06010185-09	Soil	1/5/2006 11:20:00 AM	1/7/2006 9:30:00 AM	175340,175341	☐
TP-10	06010185-10	Soil	1/5/2006 10:10:00 AM	1/7/2006 9:30:00 AM	175340,175341	☐
TP-11	06010185-11	Soil	1/5/2006 10:20:00 AM	1/7/2006 9:30:00 AM	175340,175341	☐
TP-12	06010185-12	Soil	1/5/2006 10:30:00 AM	1/7/2006 9:30:00 AM	175340,175341	☐
L-1	06010185-13	Soil	1/5/2006 8:45:00 AM	1/7/2006 9:30:00 AM	175340,175341	☐
D-1	06010185-14	Soil	1/5/2006 1:30:00 PM	1/7/2006 9:30:00 AM	175340,175341	☐
D-2	06010185-15	Soil	1/5/2006 1:45:00 PM	1/7/2006 9:30:00 AM	175340,175341	☐
D-3	06010185-16	Soil	1/5/2006 1:55:00 PM	1/7/2006 9:30:00 AM	175340,175341	☐
STOCKPILE	06010185-17	Soil	1/5/2006 1:05:00 PM	1/7/2006 9:30:00 AM	175340,175341	☐

1/16/2006

Alberto E. Granados
ProjectManager

Date

Ron Benjamin
LaboratoryDirector

Tristan Davis
Quality Assurance Officer

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337)237-4775

Client Sample ID: TP-1 **Collected:** 01/05/2006 9:00 **SPL Sample ID:** 06010185-01

Site: CREEKWOOD MINI MART

Analyses/Method	Result	QUAL	Rep.Limit		Dil. Factor	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS - SOIL				**MCL**	**SW8015B**	**Units: mg/Kg-dry**		
Gasoline Range Organics	6.5		4.6		50	01/10/06 22:28	TDD	1705560
Surr:1,4-Difluorobenzene	105		% 32.9-157		50	01/10/06 22:28	TDD	1705560
Surr:4-Bromofluorobenzene	100		% 32.7-153		50	01/10/06 22:28	TDD	1705560

Prep Method	Prep Date	Prep Initials	Prep Factor
SW5035	01/05/2006 0:00	FP	0.77

PERCENT MOISTURE				**MCL**	**D2216**	**Units: wt%**		
PercentMoisture	17		0.1		1	01/11/06 17:00	TLL	1706115

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Client Sample ID: TP-2 **Collected:** 01/05/2006 9:10 **SPL Sample ID:** 06010185-02

Site: CREEKWOOD MINI MART

Analyses/Method	Result	QUAL	Rep.Limit		Dil. Factor	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS - SOIL				**MCL**	**SW8015B**	**Units: mg/Kg-dry**		
Gasoline Range Organics	ND		0.091		1	01/10/06 15:24	JDB	1706129
Surr:1,4-Difluorobenzene	102		% 32.9-157		1	01/10/06 15:24	JDB	1706129
Surr:4-Bromofluorobenzene	102		% 32.7-153		1	01/10/06 15:24	JDB	1706129

PrepMethod	Prep Date	Prep Initials	Prep Factor
SW5035	01/09/2006 0:00	JDB	0.78

PERCENT MOISTURE				**MCL**	**D2216**	**Units: wt%**		
PercentMoisture	14		0.1		1	01/11/06 17:00	TLL	1706114

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Client Sample ID: TP-3 **Collected:** 01/05/2006 9:20 **SPL Sample ID:** 06010185-03

Site: CREEKWOOD MINI MART

Analyses/Method	Result	QUAL	Rep.Limit		Dil. Factor	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS - SOIL				**MCL**	**SW8015B**	**Units: mg/Kg-dry**		
Gasoline Range Organics	ND		0.084		1	01/10/06 15:53	JDB	1706130
Surr:1,4-Difluorobenzene	105		% 32.9-157		1	01/10/06 15:53	JDB	1706130
Surr:4-Bromofluorobenzene	109		% 32.7-153		1	01/10/06 15:53	JDB	1706130

Prep Method	Prep Date	Prep Initials	Prep Factor
SW5035	01/09/2006 0:00	JDB	0.74

PERCENT MOISTURE				**MCL**	**D2216**	**Units: wt%**		
Percent Moisture	12		0.1		1	01/11/06 17:00	TLL	1706113

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Client Sample ID: TP-4 **Collected:** 01/05/2006 9:30 **SPL Sample ID:** 06010185-04

Site: CREEKWOOD MINI MART

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS - SOIL			**MCL**	**SW8015B**	**Units: mg/Kg-dry**		
Gasoline Range Organics	ND		0.12	1	01/10/06 16:22	JDB	1706131
Surr:1,4-Difluorobenzene	73.8		% 32.9-157	1	01/10/06 16:22	JDB	1706131
Surr:4-Bromofluorobenzene	77.2		% 32.7-153	1	01/10/06 16:22	JDB	1706131

Prep Method	Prep Date	Prep Initials	Prep Factor
SW5035	01/09/2006 0:00	JDB	0.69

PERCENT MOISTURE				**MCL**	**D2216**	**Units: wt%**	
Percent Moisture	14		0.1	1	01/11/06 17:00	TLL	1706112

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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(337) 237-4775

Client Sample ID: TP-5 **Collected:** 01/05/2006 9:40 **SPL Sample ID:** 06010185-05

Site: CREEKWOOD MINI MART

Analyses/Method	Result	QUAL	Rep.Limit		Dil. Factor	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS - SOIL				**MCL**	**SW8015B**	**Units: mg/Kg-dry**		
Gasoline Range Organics	0.11		0.083		1	01/10/06 16:52	JDB	1706132
Surr:1,4-Difluorobenzene	108		% 32.9-157		1	01/10/06 16:52	JDB	1706132
Surr:4-Bromofluorobenzene	110		% 32.7-153		1	01/10/06 16:52	JDB	1706132

Prep Method	Prep Date	Prep Initials	Prep Factor
SW5035	01/09/2006 0:00	JDB	0.70

PERCENT MOISTURE				**MCL**	**D2216**	**Units: wt%**		
Percent Moisture	15		0.1		1	01/11/06 17:00	TLL	1706111

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID: TP-6 **Collected:** 01/05/2006 9:50 **SPL Sample ID:** 06010185-06

Site: CREEKWOOD MINI MART

Analyses/Method	Result	QUAL	Rep.Limit		Dil. Factor	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS - SOIL				**MCL**	**SW8015B**	**Units: mg/Kg-dry**		
Gasoline Range Organics	ND		0.087		1	01/10/06 17:22	JDB	1706133
Surr:1,4-Difluorobenzene	106		% 32.9-157		1	01/10/06 17:22	JDB	1706133
Surr:4-Bromofluorobenzene	113		% 32.7-153		1	01/10/06 17:22	JDB	1706133

Prep Method	Prep Date	Prep Initials	Prep Factor
SW5035	01/09/2006 0.00	JDB	0.79

PERCENT MOISTURE				**MCL**	**D2216**	**Units: wt%**		
Percent Moisture	9.1		0.1		1	01/11/06 17:00	TLL	1706110

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID: TP-7 **Collected:** 01/05/2006 11:00 **SPL Sample ID:** 06010185-07

Site: CREEKWOOD MINI MART

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS - SOIL			MCL	SW8015B	Units: mg/Kg-dry		
Gasoline Range Organics	0.097		0.086	1	01/10/06 17:51	JDB	1706134
Surr:1,4-Difluorobenzene	105		% 32.9-157	1	01/10/06 17:51	JDB	1706134
Surr:4-Bromofluorobenzene	115		% 32.7-153	1	01/10/06 17:51	JDB	1706134

Prep Method	Prep Date	Prep Initials	Prep Factor
SW5035	01/09/2006 0:00	JDB	0.74

PERCENT MOISTURE			MCL	D2216	Units: wt%		
PercentMoisture	14		0.1	1	01/11/06 17:00	TLL	1706109

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
*- Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID: TP-8 **Collected:** 01/05/2006 11:10 **SPL Sample ID:** 06010185-08

Site: CREEKWOOD MINI MART

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS - SOIL			MCL	SW8015B	Units: mg/Kg-dry		
Gasoline Range Organics	0.25		0.084	1	01/10/06 18:20	JDB	1706135
Surr:1,4-Difluorobenzene	110		% 32.9-157	1	01/10/06 18:20	JDB	1706135
Surr:4-Bromofluorobenzene	114		% 32.7-153	1	01/10/06 18:20	JDB	1706135

Prep Method	Prep Date	Prep Initials	Prep Factor
SW5035	01/09/2006 0:00	JDB	0.75

PERCENT MOISTURE			MCL	D2216	Units: wt%		
Percent Moisture	11		0.1	1	01/11/06 17:00	TLL	1706108

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID: TP-9 **Collected:** 01/05/2006 11:20 **SPL Sample ID:** 06010185-09

Site: CREEKWOOD MINI MART

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS - SOIL			**MCL**	**SW8015B**	**Units: mg/Kg-dry**		
Gasoline Range Organics	0.27		0.086	1	01/10/06 18:50	JDB	1706136
Surr:1,4-Difluorobenzene	112		% 32.9-157	1	01/10/06 18:50	JDB	1706136
Surr:4-Bromofluorobenzene	117		% 32.7-153	1	01/10/06 18:50	JDB	1706136

Prep Method	Prep Date	Prep Initials	Prep Factor
SW5035	01/09/2006 0:00	JDB	0.78

PERCENT MOISTURE				**MCL**	**D2216**	**Units: wt%**	
Percent Moisture	9.3		0.1	1	01/11/06 17:00	TLL	1706243

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID: TP-10 **Collected:** 01/05/2006 10:10 **SPL Sample ID:** 06010185-10

Site: CREEKWOOD MINI MART

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS - SOIL				**MCL**	**SW8015B**	**Units: mg/Kg-dry**	
Gasoline Range Organics	2.9		0.088	1	01/10/06 19:20	JDB	1706137
Surr:1,4-Difluorobenzene	133		% 32.9-157	1	01/10/06 19:20	JDB	1706137
Surr:4-Bromofluorobenzene	93.9		% 32.7-153	1	01/10/06 19:20	JDB	1706137

Prep Method	Prep Date	Prep Initials	Prep Factor
SW5035	01/09/2006 0.00	JDB	0.78

PERCENT MOISTURE				**MCL**	**D2216**	**Units: wt%**	
Percent Moisture	11		0.1	1	01/11/06 17:00	TLL	1706241

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID: TP-11 **Collected:** 01/05/2006 10:20 **SPL Sample ID:** 06010185-11

Site: CREEKWOOD MINI MART

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS - SOIL					**MCL**	**SW8015B**	**Units: mg/Kg-dry**	
GasolineRangeOrganics	21			4.5	50	01/10/06 23:00	TDD	1705580
Surr:1,4-Difluorobenzene	109		%	32.9-157	50	01/10/06 23:00	TDD	1705580
Surr:4-Bromofluorobenzene	95.9		%	32.7-153	50	01/10/06 23:00	TDD	1705580

PrepMethod	Prep Date	Prep Initials	Prep Factor
SW5035	01/05/2006 0:00	FP	0.79

PERCENT MOISTURE					**MCL**	**D2216**	**Units: wt%**	
PercentMoisture	13			0.1	1	01/11/06 17:00	TLL	1706240

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID: TP-12 **Collected:** 01/05/2006 10:30 **SPL Sample ID:** 06010185-12

Site: CREEKWOOD MINI MART

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS - SOIL			**MCL**	**SW8015B**	**Units: mg/Kg-dry**		
Gasoline Range Organics	41		9.4	100	01/11/06 16:40	TDD	1707406
Surr: 1,4-Difluorobenzene	88.9		% 32.9-157	100	01/11/06 16:40	TDD	1707406
Surr: 4-Bromofluorobenzene	96.6		% 32.7-153	100	01/11/06 16:40	TDD	1707406

PrepMethod	Prep Date	Prep Initials	Prep Factor
SW5035	01/05/2006 0:00	FP	0.79

PERCENT MOISTURE			**MCL**	**D2216**	**Units: wt%**		
Percent Moisture	16		0.1	1	01/11/06 17:00	TLL	1706239

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID: L-1 **Collected:** 01/05/2006 8:45 **SPL Sample ID:** 06010185-13

Site: CREEKWOOD MINI MART

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS - SOIL				**MCL**	**SW8015B**	**Units: mg/Kg-dry**	
Gasoline Range Organics	1.2		0.086	1	01/10/06 21:19	JDB	1706139
Surr:1,4-Difluorobenzene	151		% 32.9-157	1	01/10/06 21:19	JDB	1706139
Surr:4-Bromofluorobenzene	113		% 32.7-153	1	01/10/06 21:19	JDB	1706139

Prep Method	Prep Date	Prep Initials	Prep Factor
SW5035	01/09/2006 0:00	JDB	0.80

PERCENT MOISTURE				MCL	D2216	Units: wt%	
Percent Moisture	7.4		0.1	1	01/11/06 17:00	TLL	1706238

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID: D-1 **Collected:** 01/05/2006 13:30 **SPL Sample ID:** 06010185-14

Site: CREEKWOOD MINI MART

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS - SOIL				**MCL**	**SW8015B**	**Units: mg/Kg-dry**	
GasolineRangeOrganics	0.25		0.084	1	01/10/0621:49	JDB	1706140
Surr:1,4-Difluorobenzene	111		% 32.9-157	1	01/10/0621:49	JDB	1706140
Surr:4-Bromofluorobenzene	109		% 32.7-153	1	01/10/0621:49	JDB	1706140

PrepMethod	Prep Date	Prep Initials	Prep Factor
SW5035	01/09/20060:00	JDB	0.75

PERCENT MOISTURE				**MCL**	**D2216**	**Units: wt%**	
PercentMoisture	11		0.1	1	01/11/0617:00	TLL	1706237

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID: D-2 **Collected:** 01/05/2006 13:45 **SPL Sample ID:** 06010185-15

Site: CREEKWOOD MINI MART

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS - SOIL			**MCL**	**SW8015B**	**Units: mg/Kg-dry**		
Gasoline Range Organics	1.7		0.082	1	01/10/06 22:19	JDB	1706141
Surr: 1,4-Difluorobenzene	110		% 32.9-157	1	01/10/06 22:19	JDB	1706141
Surr: 4-Bromofluorobenzene	102		% 32.7-153	1	01/10/06 22:19	JDB	1706141

Prep Method	Prep Date	Prep Initials	Prep Factor
SW5035	01/09/2006 0:00	JDB	0.72

PERCENT MOISTURE				**MCL**	**D2216**	**Units: wt%**	
Percent Moisture	12		0.1	1	01/11/06 17:00	TLL	1706236

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID: D-3 **Collected:** 01/05/2006 13:55 **SPL Sample ID:** 06010185-16

Site: CREEKWOOD MINI MART

Analyses/Method	Result	QUAL		Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq.#
GASOLINE RANGE ORGANICS - SOIL					MCL	SW8015B	Units: mg/Kg-dry	
Gasoline Range Organics	ND			0.081	1	01/10/06 22:49	JDB	1706142
Surr: 1,4-Difluorobenzene	106		%	32.9-157	1	01/10/06 22:49	JDB	1706142
Surr: 4-Bromofluorobenzene	114		%	32.7-153	1	01/10/06 22:49	JDB	1706142

Prep Method	Prep Date	Prep Initials	Prep Factor
SW5035	01/09/2006 0:00	JDB	0.72

PERCENT MOISTURE					MCL	D2216	Units: wt%	
Percent Moisture	11			0.1	1	01/11/06 17:00	TLL	1706235

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

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Client Sample ID: STOCKPILE **Collected:** 01/05/2006 13:05 **SPL Sample ID:** 06010185-17

Site: CREEKWOOD MINI MART

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
GASOLINE RANGE ORGANICS - SOIL			**MCL**	**SW8015B**	**Units: mg/Kg-dry**		
Gasoline Range Organics	1100		42	500	01/13/06 4:45	TDD	1708923
Surr: 1,4-Difluorobenzene	176	MI	% 32.9-157	500	01/13/06 4:45	TDD	1708923
Surr: 4-Bromofluorobenzene	132		% 32.7-153	500	01/13/06 4:45	TDD	1708923

Prep Method	Prep Date	Prep Initials	Prep Factor
SW5035	01/05/2006 0:00	FP	0.72

PERCENT MOISTURE			MCL	D2216	Units: wt%		
Percent Moisture	14		0.1	1	01/11/06 17:00	TLL	1706234

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
* - Surrogate Recovery Outside Advisable QC Limits
J - Estimated Value between MDL and PQL
>MCL - Result Over Maximum Contamination Limit(MCL)
D - Surrogate Recovery Unreportable due to Dilution
MI - Matrix Interference

Quality Control Documentation

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337)237-4775

Quality Control Report

ATC ASSOCIATES, INC.

45185144002

Analysis: PERCENT MOISTURE
Method: D2216
WorkOrder: 06010185
Lab Batch ID: R118720

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
06010185-01A	TP-1
06010185-02A	TP-2
06010185-03A	TP-3
06010185-04A	TP-4
06010185-05A	TP-5
06010185-06A	TP-6
06010185-07A	TP-7
06010185-08A	TP-8

Sample Duplicate

Original Sample: 06010302-01
Run ID: WET_060111F-1706119 Units: wt%
Analysis Date: 01/11/2006 17:00 Analyst: TLL

Analyte	Sample Result	DUP Result	RPD	RPD Limit
Percent Moisture	3.7	14.4	120 *	20

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
Mi - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.

The percent recoveries for QC samples are correct as reported. Due to significant figures and rounding, the reported RPD may differ from the displayed RPD values but is correct as reported.

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Quality Control Report

ATC ASSOCIATES, INC.

45185144002

Analysis: PERCENT MOISTURE
Method: D2216

WorkOrder: 06010185
Lab Batch ID: R118732

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
06010185-09A	TP-9
06010185-10A	TP-10
06010185-11A	TP-11
06010185-12A	TP-12
06010185-13A	L-1
06010185-14A	D-1
06010185-15A	D-2
06010185-16A	D-3
06010185-17A	STOCKPILE

Sample Duplicate

Original Sample: 06010185-09
RunID: WET_060111J-1706243 Units: wt%
Analysis Date: 01/11/2006 17:00 Analyst: TLL

Analyte	Sample Result	DUP Result	RPD	RPD Limit
Percent Moisture	9.3	8.7	6.7	20

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.

The percent recoveries for QC samples are correct as reported. Due to significant figures and rounding, the reported RPD may differ from the displayed RPD values but is correct as reported.

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Quality Control Report

ATC ASSOCIATES, INC.

45185144002

Analysis: Gasoline Range Organics - soil
Method: SW8015B
WorkOrder: 06010185
Lab Batch ID: 45872

Method Blank

RunID: HPNN_060110C-1705559 Units: mg/Kg
AnalysisDate: 01/10/2006 17:03 Analyst: TDD
PreparationDate: 01/11/2006 12:00 Prep By: FP Method: SW5035

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
06010185-01A	TP-1
06010185-11A	TP-11

Analyte	Result	Rep Limit
Gasoline Range Organics	ND	0.10
Surr: 1,4-Difluorobenzene	104.6	32.9-157
Surr: 4-Bromofluorobenzene	99.7	32.7-153

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: HPNN_060110C-1705557 Units: mg/Kg
AnalysisDate: 01/10/2006 15:26 Analyst: TDD
PreparationDate: 01/11/2006 12:00 Prep By: FP Method: SW5035

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
Gasoline Range Organics	5.00	4.93	98.7	5.00	4.92	98.4	0.3	26.3	70.7	124

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.

The percent recoveries for QC samples are correct as reported. Due to significant figures and rounding, the reported RPD may differ from the displayed RPD values but is correct as reported.

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Quality Control Report

ATC ASSOCIATES, INC.

45185144002

Analysis: Gasoline Range Organics - soil
Method: SW8015B
WorkOrder: 06010185
Lab Batch ID: 45890

Method Blank

RunID: HPZZ_060109G-1706128 Units: mg/Kg
AnalysisDate: 01/10/2006 13:02 Analyst: JDB
PreparationDate: 01/10/2006 0:00 Prep By: JDB Method: SW5035

Analyte	Result	Rep Limit
Gasoline Range Organics	ND	0.10
Surr: 1,4-Difluorobenzene	104.2	32.9-157
Surr: 4-Bromofluorobenzene	114.2	32.7-153

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
06010185-02A	TP-2
06010185-03A	TP-3
06010185-04A	TP-4
06010185-05A	TP-5
06010185-06A	TP-6
06010185-07A	TP-7
06010185-08A	TP-8
06010185-09A	TP-9
06010185-10A	TP-10
06010185-13A	L-1
06010185-14A	D-1
06010185-15A	D-2
06010185-16A	D-3

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: HPZZ_060109G-1706126 Units: mg/Kg
AnalysisDate: 01/10/2006 11:34 Analyst: JDB
PreparationDate: 01/10/2006 0:00 Prep By: JDB Method: SW5035

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
Gasoline Range Organics	5.00	4.21	84.1	5.00	4.17	83.4	0.9	26.3	70.7	124

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.

The percent recoveries for QC samples are correct as reported. Due to significant figures and rounding, the reported RPD may differ from the displayed RPD values but is correct as reported.

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337)237-4775

Quality Control Report

ATC ASSOCIATES, INC.

45185144002

Analysis: Gasoline Range Organics - soil
Method: SW8015B
WorkOrder: 06010185
Lab Batch ID: 45946

Method Blank

RunID: HPAA_060111A-1707405 Units: mg/Kg
AnalysisDate: 01/11/2006 16:05 Analyst: TDD
PreparationDate: 01/12/2006 14:47 Prep By: FP Method: SW5035

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
06010185-12A	TP-12

Analyte	Result	Rep Limit
Gasoline Range Organics	ND	0.10
Surr: 1,4-Difluorobenzene	80.7	32.9-157
Surr: 4-Bromofluorobenzene	85.1	32.7-153

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: HPAA_060111A-1707403 Units: mg/Kg
Analysis Date: 01/11/2006 14:28 Analyst: TDD
PreparationDate: 01/12/2006 14:47 Prep By: FP Method: SW5035

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
Gasoline Range Organics	5.00	4.93	98.6	5.00	4.59	91.9	7.1	26.3	70.7	124

Qualifiers:
ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.

The percent recoveries for QC samples are correct as reported. Due to significant figures and rounding, the reported RPD may differ from the displayed RPD values but is correct as reported.

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337)237-4775

Quality Control Report

ATC ASSOCIATES, INC.

45185144002

Analysis: Gasoline Range Organics - soil
Method: SW8015B
WorkOrder: 06010185
Lab Batch ID: 45994

Method Blank

RunID: HPNN_060113C-1708922 Units: mg/Kg
AnalysisDate: 01/12/2006 22:42 Analyst: TDD
PreparationDate: 01/13/2006 16:00 Prep By: FP Method: SW5035

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
06010185-17A	STOCKPILE

Analyte	Result	Rep Limit
Gasoline Range Organics	ND	0.10
Surr: 1,4-Difluorobenzene	105.5	32.9-157
Surr: 4-Bromofluorobenzene	105.3	32.7-153

Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)

RunID: HPNN_060113C-1708921 Units: mg/Kg
AnalysisDate: 01/12/2006 21:36 Analyst: TDD
PreparationDate: 01/13/2006 16:00 Prep By: FP Method: SW5035

Analyte	LCS Spike Added	LCS Result	LCS Percent Recovery	LCSD Spike Added	LCSD Result	LCSD Percent Recovery	RPD	RPD Limit	Lower Limit	Upper Limit
Gasoline Range Organics	5.00	4.81	96.2	5.00	4.71	94.3	2.0	26.3	70.7	124

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.

The percent recoveries for QC samples are correct as reported. Due to significant figures and rounding, the reported RPD may differ from the displayed RPD values but is correct as reported.

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337)237-4775

Quality Control Report

ATC ASSOCIATES, INC.

45185144002

Analysis: Gasoline Range Organics - soil
Method: SW8015B
WorkOrder: 06010185
Lab Batch ID: 45994

Method Blank

RunID: HPNN_060113C-1708922 Units: mg/Kg
AnalysisDate: 01/12/2006 22:42 Analyst: TDD
PreparationDate: 01/13/2006 16:00 Prep By: FP Method: SW5035

Samples in Analytical Batch:

Lab Sample ID	Client Sample ID
06010185-17A	STOCKPILE

Analyte	Result	Rep Limit
Gasoline Range Organics	ND	0.10
Surr: 1,4-Difluorobenzene	105.5	32.9-157
Surr: 4-Bromofluorobenzene	105.3	32.7-153

Qualifiers:

ND/U - Not Detected at the Reporting Limit
B - Analyte detected in the associated Method Blank
J - Estimated value between MDL and PQL
MI - Matrix Interference
D - Recovery Unreportable due to Dilution
* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.

The percent recoveries for QC samples are correct as reported. Due to significant figures and rounding, the reported RPD may differ from the displayed RPD values but is correct as reported.

Sample Receipt Checklist

And

Chain of Custody

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

Sample Receipt Checklist

Workorder:	06010185	Received By:	JL
Date and Time Received:	1/7/2006 9:30:00 AM	Carrier name:	FedEx-Pri Saturday Del
Temperature:	4.5°C	Chilled by:	Water Ice

1.	Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
2.	Custody seals intact on shippping container/cooler?	Yes ☑	No ☐	Not Present ☐
3.	Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
4.	Chain of custody present?	Yes ☑	No ☐	
5.	Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
6.	Chain of custody agrees with sample labels?	Yes ☑	No ☐	
7.	Samples in proper container/bottle?	Yes ☑	No ☐	
8.	Sample containers intact?	Yes ☑	No ☐	
9.	Sufficient sample volume for indicated test?	Yes ☑	No ☐	
10.	All samples received within holding time?	Yes ☑	No ☐	
11.	Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
12.	Water - VOA vials have zero headspace?	Yes ☐	No ☐	VOA Vials Not Present ☑
13.	Water - Preservation checked upon receipt (except VOA*)?	Yes ☐	No ☐	Not Applicable ☑

*VOA Preservation Checked After Sample Analysis

SPL Representative: _____ Contact Date & Time: _____

Client Name Contacted: _____

Non Conformance Issues: _____

Client Instructions: _____



Saturday

US Airbill

FedEx Tracking Number 8544 1489 6328

FedEx Tracking Number 854414896328

Phone 919 871-0999

Company ATC ASSOCIATES

Address 2725 C MILLBROOK RD 107

Dept/Floor/Suite/Room

City RALEIGH State NC ZIP 27604

2 Your Internal Billing Reference 4518514400204090

3 To

Recipient's Name [illegible] AND RECEIVING Phone [illegible]

Company [illegible] PETROLEUM LAB

Recipient's Address [illegible] AMBASSADOR CALLERY [illegible]

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept/Floor/Suite/Room

Address

To request a package be held at a specific FedEx location, print FedEx address here.

City [illegible] State [illegible] ZIP [illegible]

8544 1489 6328

0215

Recipient's Copy

4a Express Package Service To add SATURDAY Delivery, see Section 6. Packages up to 150 lbs.

- [x] FedEx Priority Overnight Next business morning.* [redacted]
- [ ] FedEx First Overnight Earliest next business morning delivery to select locations.*
- [ ] FedEx 2Day Second business day.*
- [ ] FedEx Express Saver Third business day.*

FedEx Envelope rate not available. Minimum charge. One-pound rate.

4b Express Freight Service To add SATURDAY Delivery, see Section 6. Packages over 150 lbs.

- [ ] FedEx 1Day Freight* Next business day.**
- [ ] FedEx 2Day Freight Second business day.**
- [ ] FedEx 3Day Freight Third business day.**

* Call for Confirmation.

5 Packaging

- [ ] FedEx Envelope*
- [ ] FedEx Pak* Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [x] Other

* Declared value limit $500.

6 Special Handling

[redacted]

Include FedEx address in Section 3.

- [ ] HOLD Weekday at FedEx Location Not available for FedEx First Overnight.
- [x] HOLD Saturday at FedEx Location Available DAILY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods?

One box must be checked.

- [ ] No.
- [ ] Yes As per attached Shipper's Declaration.
- [ ] Yes Shipper's Declaration not required.
- [ ] Dry Ice Dry ice, 9, UN 1845 ____ kg
- [ ] Cargo Aircraft Only

Dangerous goods including dry ice cannot be shipped in FedEx packaging.

7 Payment Bill to:

Enter FedEx Acct. No. or Credit Card No. below.

- [ ] Sender Acct. No. in Section 1 will be billed.
- [x] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Dropoff Recip. Acct. No.

[redacted]

Total Packages

Total Weight

[redacted]

Total Charges

Credit Card Auth.

*Our liability is limited to $100 unless you declare a higher value. See the FedEx Service Guide for details.

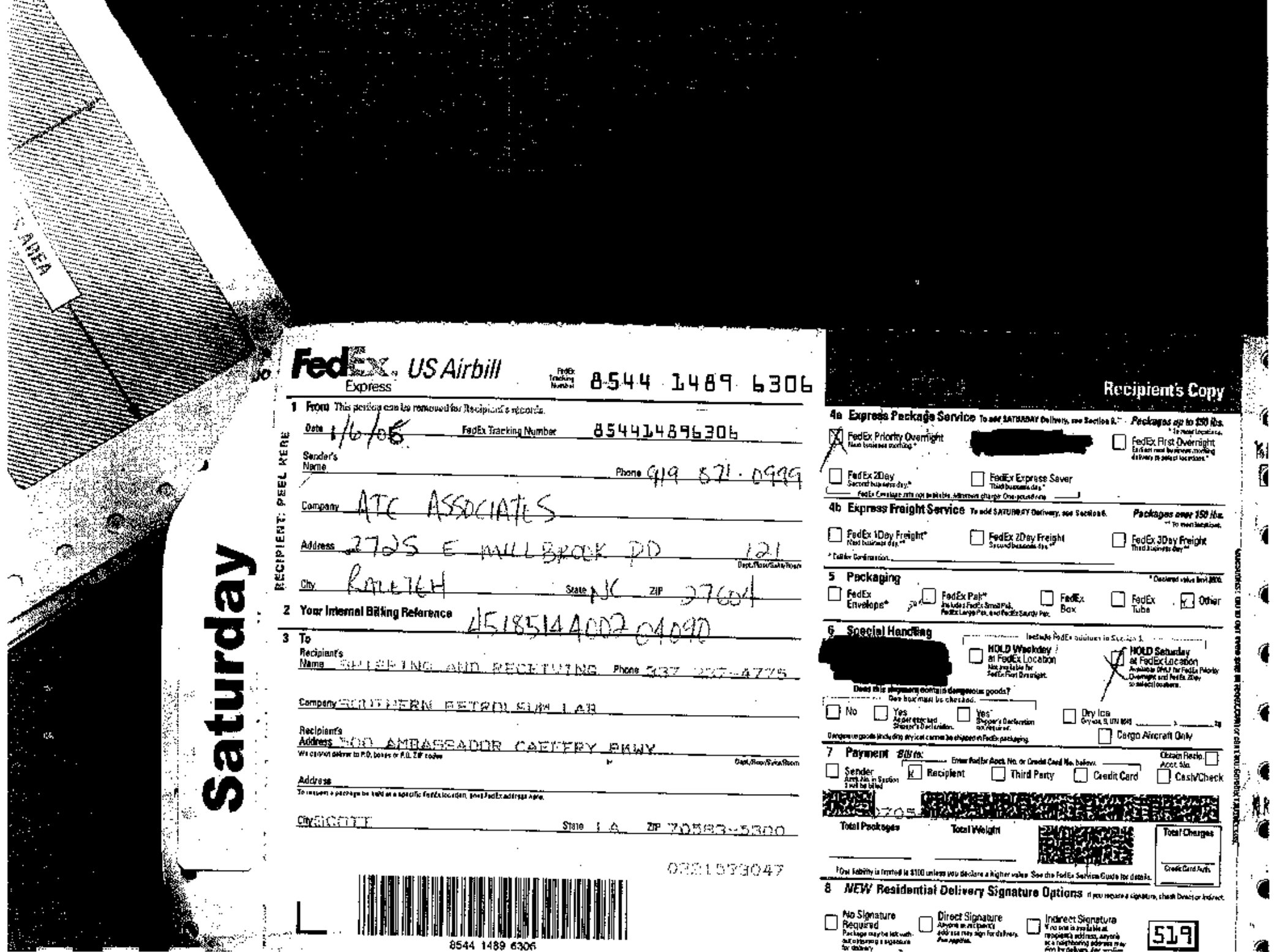
8 NEW Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature Anyone at recipient's address may sign for delivery. Fee applies.
- [ ] Indirect Signature If no one is available at recipient's address, anyone at a nearby delivery address may sign for delivery. Fee applies.

519

Saturday

RECIPIENT: PEEL HERE



FedEx Express US Airbill

FedEx Tracking Number 8544 1489 6306

1 From This portion can be removed for Recipient's records.

Date 1/6/06 FedEx Tracking Number 854414896306

Sender's Name Phone 919 871-0999

Company ATC ASSOCIATES

Address 2725 E MILLBROOK RD 121 Dept./Floor/Suite/Room

City RALEIGH State NC ZIP 27604

2 Your Internal Billing Reference 4518514400204090

3 To

Recipient's Name SHIPPING AND RECEIVING Phone 337 237-4775

Company SOUTHERN PETROLEUM LAB

Recipient's Address 500 AMBASSADOR CAFFERY PKWY

We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept./Floor/Suite/Room

Address

To request a package be held at a specific FedEx location, print FedEx address here.

City SCOTT State LA ZIP 70583-5300

0321573047

8544 1489 6306

Recipient's Copy

4a Express Package Service To add SATURDAY Delivery, see Section 8. *Packages up to 150 lbs.* * To most locations.

- [X] FedEx Priority Overnight Next business morning.* [redacted]
- [ ] FedEx First Overnight Earliest next business morning delivery to select locations.*
- [ ] FedEx 2Day Second business day.*
- [ ] FedEx Express Saver Third business day.*

FedEx Envelope rate not available. Minimum charge: One pound rate.

4b Express Freight Service To add SATURDAY Delivery, see Section 8. *Packages over 150 lbs.* ** To most locations.

- [ ] FedEx 1Day Freight* Next business day.**
- [ ] FedEx 2Day Freight Second business day.**
- [ ] FedEx 3Day Freight Third business day.**

* Call for Confirmation.

5 Packaging * Declared value limit $500.

- [ ] FedEx Envelope*
- [ ] FedEx Pak* Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.
- [ ] FedEx Box
- [ ] FedEx Tube
- [X] Other

6 Special Handling Include FedEx address in Section 3.

[redacted]

- [ ] HOLD Weekday at FedEx Location Not available for FedEx First Overnight.
- [X] HOLD Saturday at FedEx Location Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

Does this shipment contain dangerous goods? One box must be checked.

- [ ] No
- [ ] Yes As per attached Shipper's Declaration.
- [ ] Yes* Shipper's Declaration not required.
- [ ] Dry Ice Dry ice, 9, UN 1845 ____ x ____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

7 Payment *Bill to:* Enter FedEx Acct. No. or Credit Card No. below. Obtain Recip. Acct. No. [ ]

- [ ] Sender Acct. No. in Section 3 will be billed
- [X] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

[redacted]

Total Packages Total Weight [redacted] Total Charges

Credit Card Auth.

*Our liability is limited to $100 unless you declare a higher value. See the FedEx Service Guide for details.

8 *NEW* Residential Delivery Signature Options If you require a signature, check Direct or Indirect.

- [ ] No Signature Required Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature Anyone at recipient's address may sign for delivery. For applies.
- [ ] Indirect Signature If no one is available at recipient's address, anyone at a neighboring address may sign for delivery. For applies.

519

SPL, Inc.

Analysis Request & Chain of Custody Record

SPL Workorder No. 175340

Q0010185 page 1 of 2

Client Name: ATC ASSOCIATES
Address: RALEIGH NC
Phone/Fax: 919 871-0999 919 871-0335
Client Contact: KURT NESS Email:
Project Name/No.: 45185144002
Site Name: ~~WOO~~ CREEK MINI MART
Site Location: WILMINGTON, NC
Invoice To: Ph:

matrix: W=water S=soil SL=sludge O=oil X=other
bottle: P=plastic A=amber glass G=glass V=vial X=other
size: 1=1 liter 4=4oz 40=vial 8=8oz 16=16oz X=other
pres.: 1=HCl 2=HNO3 3=H2SO4 X=other

SAMPLE ID	DATE	TIME	comp	grab	matrix	bottle	size	pres.	Number of Containers	Requested Analysis: TPH - GRO							
TP 1	1/5/06	900		✓	S	VA	40 X	X	4	X							4
TP 2		910		✓						X							4
TP 3		920		✓						X							4
TP 4		930		✓						X							4
TP 5		940		✓						X							4
TP 6		950		✓						X							4
TP 7		1100		✓						X							4
TP 8		1110		✓						X							4
TP 9		1120		✓						X							4
TP 10		1010		✓						X							4

Client/Consultant Remarks:

Laboratory remarks: 8594 1489 6306 6328 RXL24(9)

Intact? Y N
Ice? Y N
Temp: 4°C

Requested TAT

Contract ☐ 72hr ☐
24hr ☐ Standard ☐
48hr ☐
Other ☐ _____

Special Reporting Requirements Results: Fax ☐ Email ☐ PDF ☐
Standard QC ☐ Level 3 QC ☐ Level 4 QC ☐ TX TRRP ☐ LA RECAP ☐

Special Detection Limits (specify):

PM review (initial):

	date	time	
1. Relinquished by Sampler: Brad Sayles	1/6/06	1715	2. Received by: Fedex
3. Relinquished by: Fedex	date 1-7-06	time 900	4. Received by:
5. Relinquished by:	date 1-7-06	time 930	6. Received by Laboratory:

☐ 8880 Interchange Drive Houston, TX 77054 (713) 660-0901
☐ 500 Ambassador Caffery Parkway Scott, LA 70583 (337) 237-4775
☐ 1459 Hughes Drive Traverse City, MI 49686 (231) 947-5777

SPL, Inc.

Analysis Request & Chain of Custody Record

SPL Workorder No. 175341

page 2 of 2

Client Name: ATC
Address: RALEIGH, NC
Phone/Fax: 919 871-0999 919 871-0335
Client Contact: KURT NESS Email:
Project Name/No.: 45185144 002
Site Name: CREEKWOOD MINI MART
Site Location: WILMINGTON, NC
Invoice To: Ph:

SAMPLE ID	DATE	TIME	comp	grab	matrix (W=water S=soil O=oil SL=sludge X=other)	bottle (P=plastic A=amber glass G=glass V=vial X=other)	size (1=1 liter 4=4oz 40=vial 8=8oz 16=16oz X=other)	pres. (1=HCl 2=HNO3 3=H2SO4 X=other)	Number of Containers	Requested Analysis: TPH - GRO								
TP 11	1/5/06	1020		✓	S	VA	40 X	X	4	X								4
TP 12		1030		✓						X								4
L 1		845		✓						X								4
D 1		1330		✓						X								4
D 2		1345		✓						X								4
D 3		1355		✓						X								5
STOCKPILE		1305	✓							X								4

Client/Consultant Remarks:

Laboratory remarks:

Intact? ☑ Y ☐ N
Ice? ☑ Y ☐ N
Temp: 4°

Requested TAT

Contract ☐ 72hr ☐
24hr ☐ Standard ☐
48hr ☐
Other ☐ _____

Special Reporting Requirements Results: Fax ☐ Email ☐ PDF ☐
Standard QC ☐ Level 3 QC ☐ Level 4 QC ☐ TX TRRP ☐ LA RECAP ☐

Special Detection Limits (specify):

PM review (initial):

	date	time	
1. Relinquished by Sampler:	1/6/06	1715	2. Received by:
3. Relinquished by:	1-7-06	900	4. Received by:
5. Relinquished by:	1-7-06	930	6. Received by Laboratory:

☐ 8880 Interchange Drive
Houston, TX 77054 (713) 660-0901

☐ 500 Ambassador Caffery Parkway
Scott, LA 70583 (337) 237-4775

☐ 459 Hughes Drive
Traverse City, MI 49686 (231) 947-5777

Appendix IV: Historical Research Documentation

HISTORICAL AERIALS

Project Property: Creekwood South
714 Emory Street
Wilmington NC 28405

Project No: 49-20024

Requested By: ECS Limited Southeast

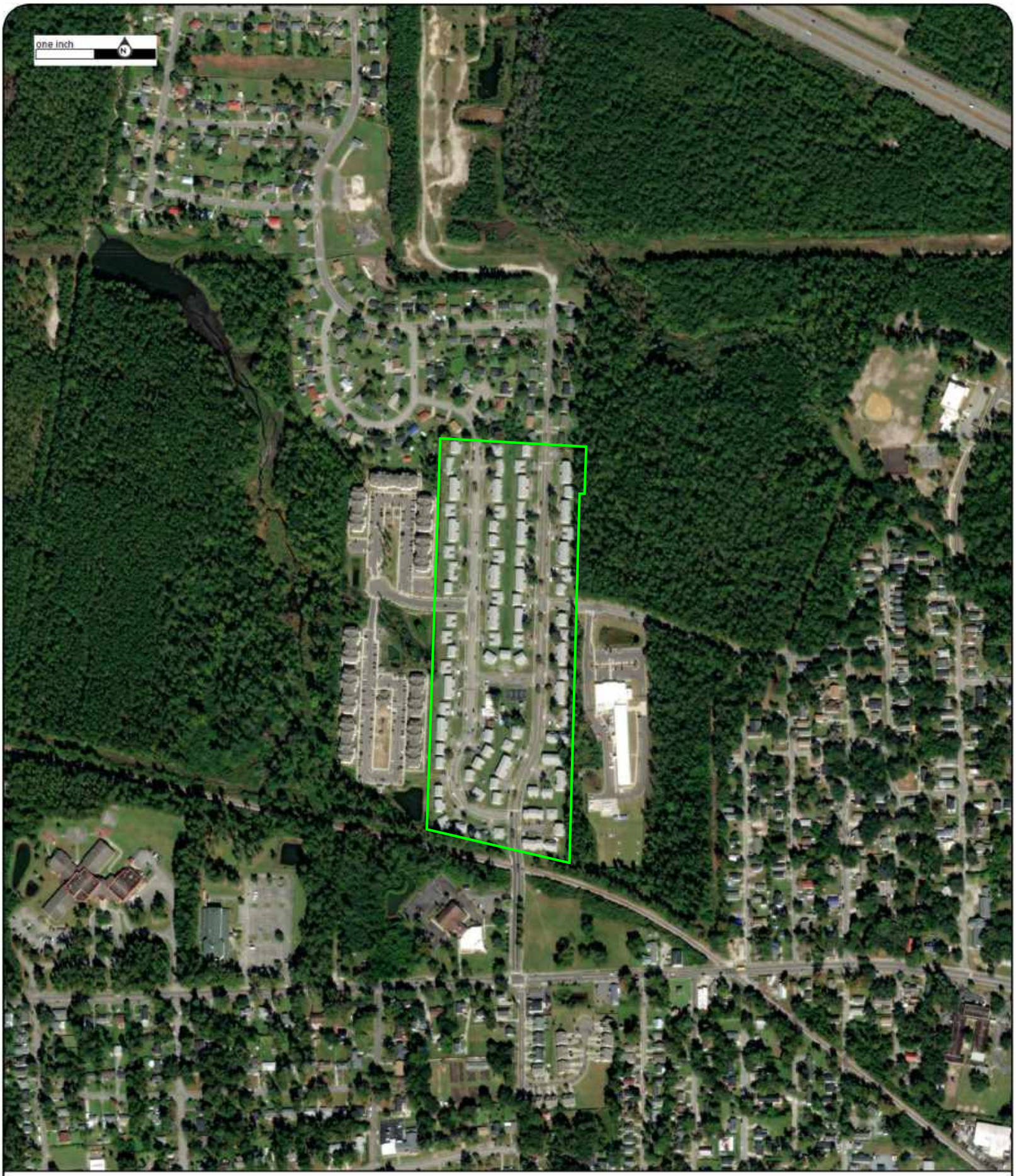
Order No: 23040400848

Date Completed: April 06,2023

Aerial Maps included in this report are produced by the sources listed above and are to be used for research purposes including a phase I report. Maps are not to be resold as commercial property. ERIS provides no warranty of accuracy or liability. The information contained in this report has been produced using aerial photos listed in above sources by ERIS Information Inc. (in the US) and ERIS Information Limited Partnership (in Canada), both doing business as 'ERIS'. The maps contained in this report do not purport to be and do not constitute a guarantee of the accuracy of the information contained herein. Although ERIS has endeavored to present information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Date	Source	Scale	Comments
2021	MAXAR TECHNOLOGIES	1" = 500'	
2020	United States Department of Agriculture	1" = 500'	
2018	United States Department of Agriculture	1" = 500'	
2016	United States Department of Agriculture	1" = 500'	
2014	United States Department of Agriculture	1" = 500'	
2012	United States Department of Agriculture	1" = 500'	
2010	United States Department of Agriculture	1" = 500'	
2009	United States Department of Agriculture	1" = 500'	
2008	United States Department of Agriculture	1" = 500'	
2006	United States Department of Agriculture	1" = 500'	
2004	United States Department of Agriculture	1" = 500'	
1998	United States Geological Survey	1" = 500'	
1993	United States Geological Survey	1" = 500'	
1983	United States Geological Survey	1" = 500'	
1975	United States Geological Survey	1" = 500'	Best Copy Available
1964	United States Air Force	1" = 500'	Best Copy Available
1956	Agricultural Stabilization & Conserv. Service	1" = 500'	
1949	Agricultural Stabilization & Conserv. Service	1" = 500'	
1938	Agricultural Stabilization & Conserv. Service	1" = 500'	

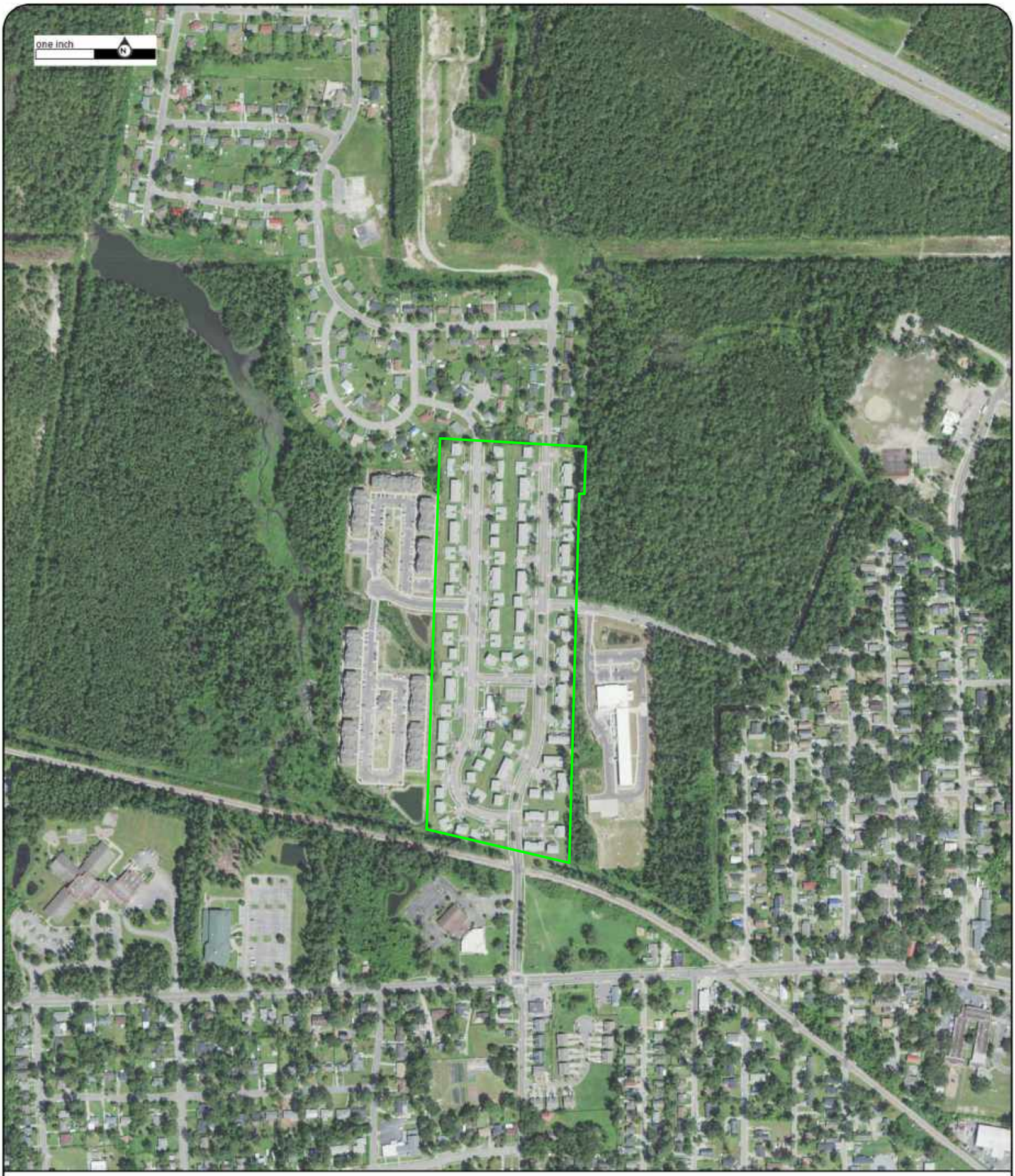


Year: 2021
Source: MAXAR
Scale: 1" = 500'
Comment:

Address: 714 Emory Street, Wilmington, NC
Approx Center: -77.9074409,34.24792107

Order No: 23040400848

ERIS



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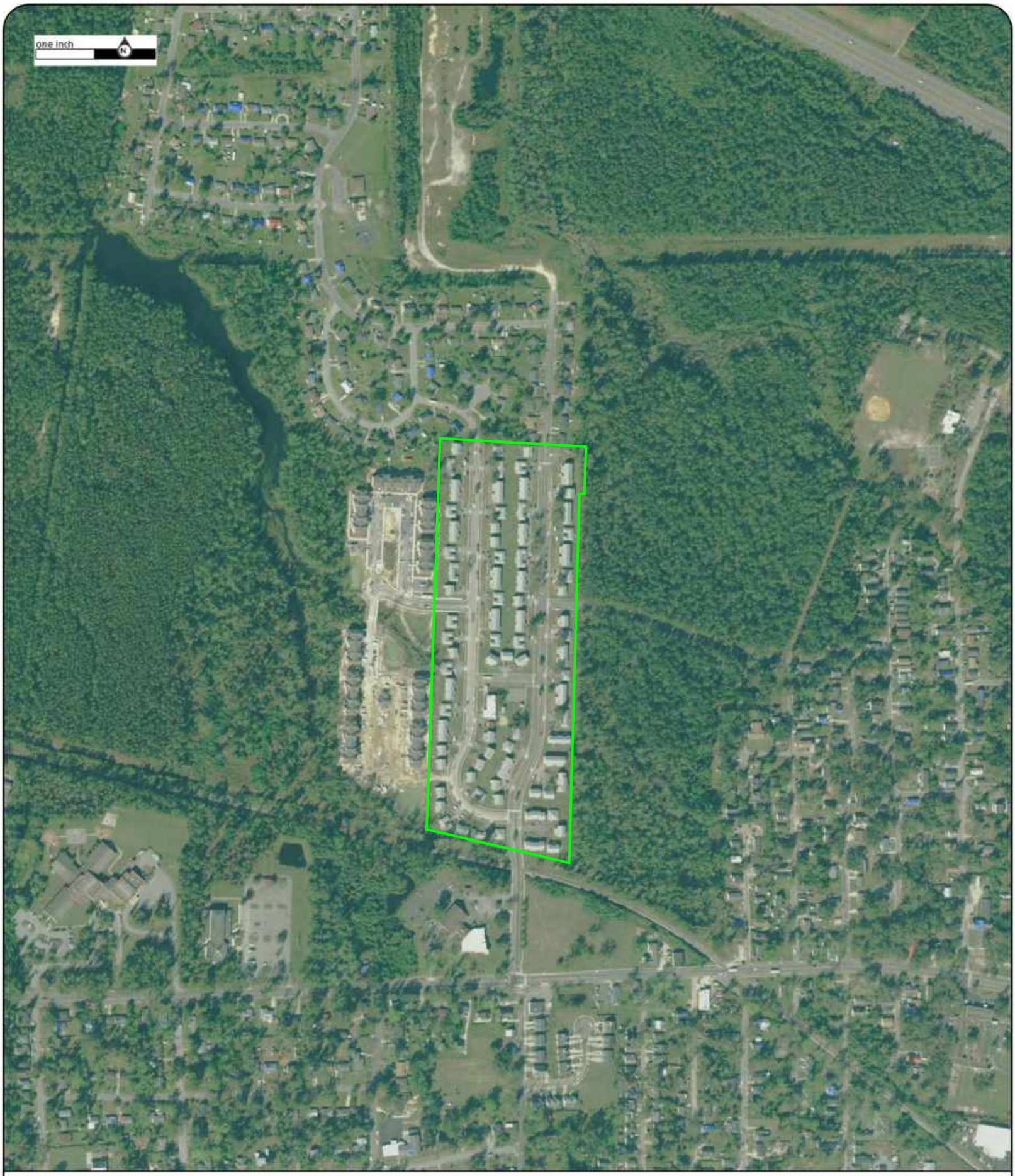
Source: USDA
Scale: 1" = 500'
Comment:

Address: 714 Emory Street, Wilmington, NC
Approx Center: -77.9074409,34.24792107

Order No: 23040400848

ERIS



Year: 2018
Source: USDA
Scale: 1" = 500'
Comment:

Address: 714 Emory Street, Wilmington, NC
Approx Center: -77.9074409,34.24792107

Order No: 23040400848

ERIS



Year: 2016
Source: USDA
Scale: 1" = 500'
Comment:

Address: 714 Emory Street, Wilmington, NC
Approx Center: -77.9074409,34.24792107

Order No: 23040400848

ERIS

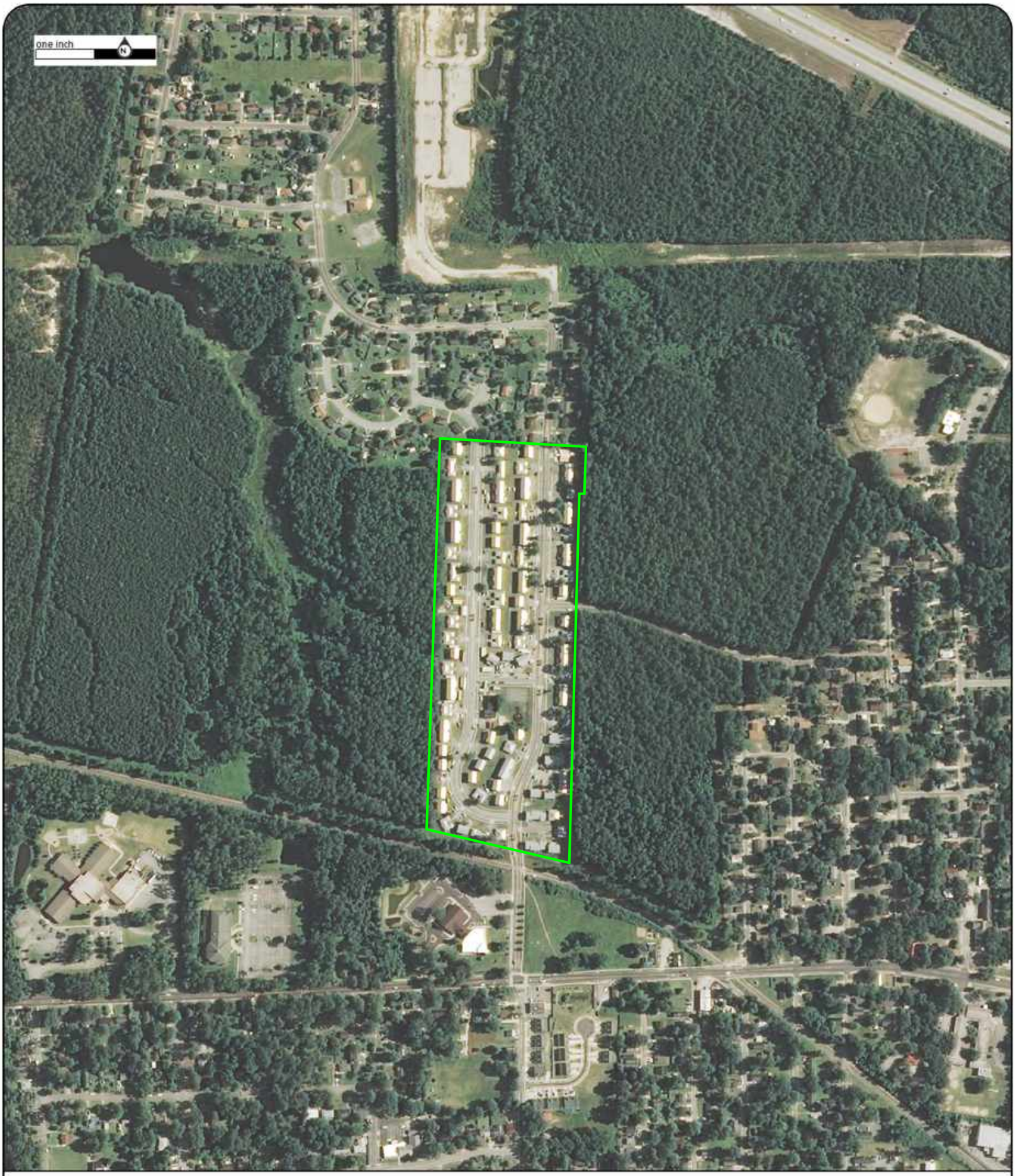


Year: 2014
Source: USDA
Scale: 1" = 500'
Comment:

Address: 714 Emory Street, Wilmington, NC
Approx Center: -77.9074409,34.24792107

Order No: 23040400848

ERIS

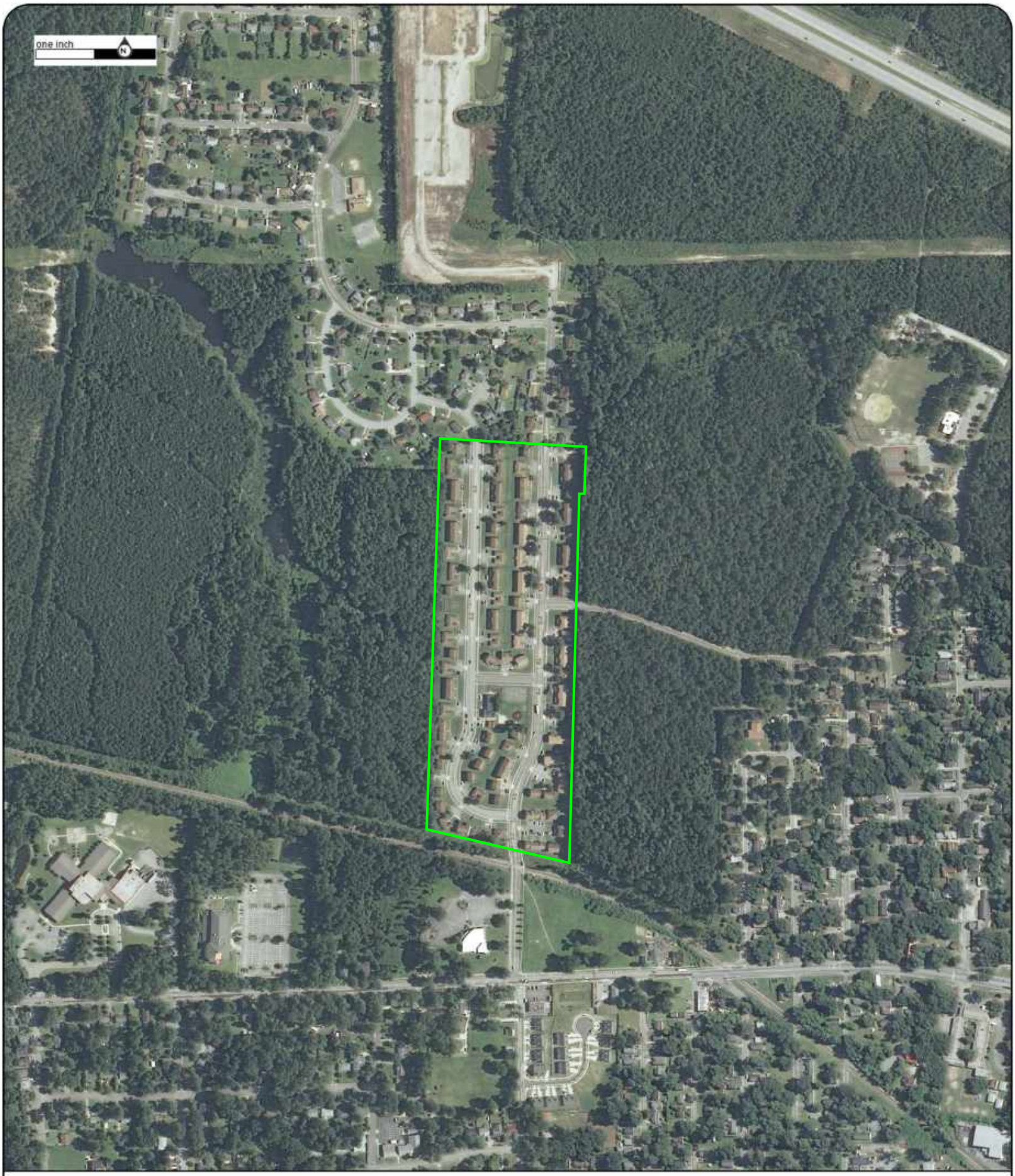


Year: 2012
Source: USDA
Scale: 1" = 500'
Comment:

Address: 714 Emory Street, Wilmington, NC
Approx Center: -77.9074409,34.24792107

Order No: 23040400848

ERIS

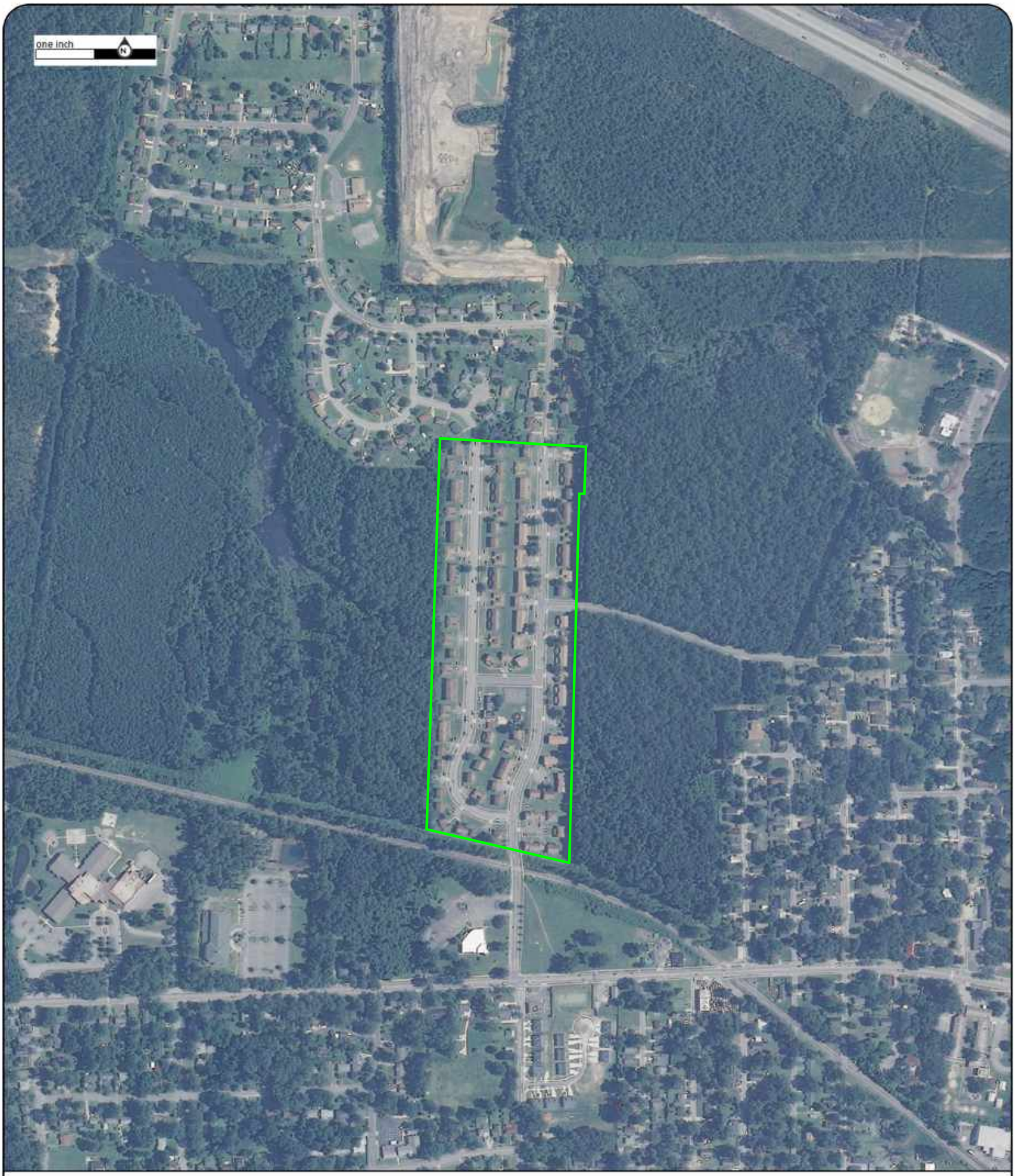


Year: 2010
Source: USDA
Scale: 1" = 500'
Comment:

Address: 714 Emory Street, Wilmington, NC
Approx Center: -77.9074409,34.24792107

Order No: 23040400848

ERIS

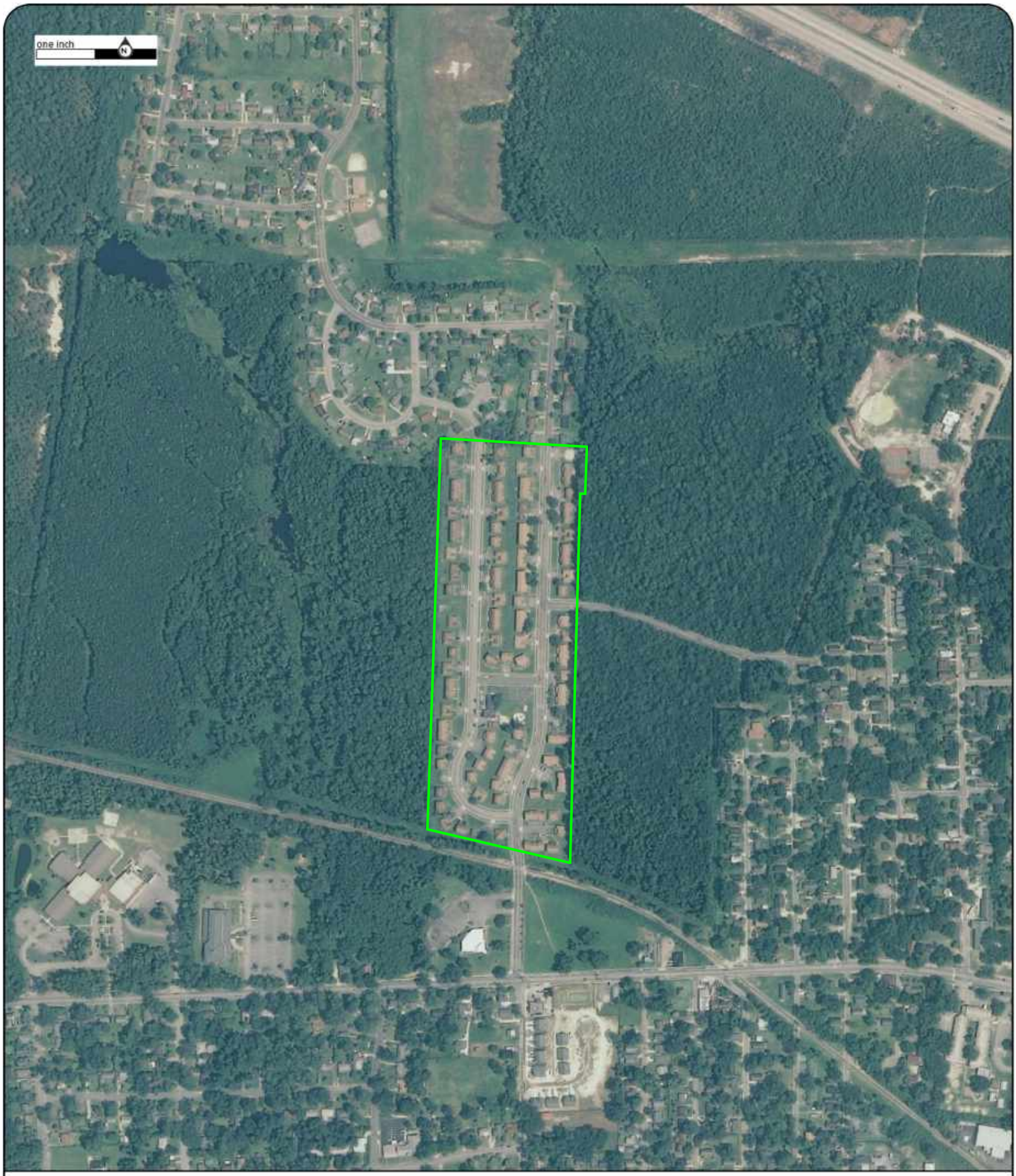


Year: 2009
Source: USDA
Scale: 1" = 500'
Comment:

Address: 714 Emory Street, Wilmington, NC
Approx Center: -77.9074409,34.24792107

Order No: 23040400848

ERIS

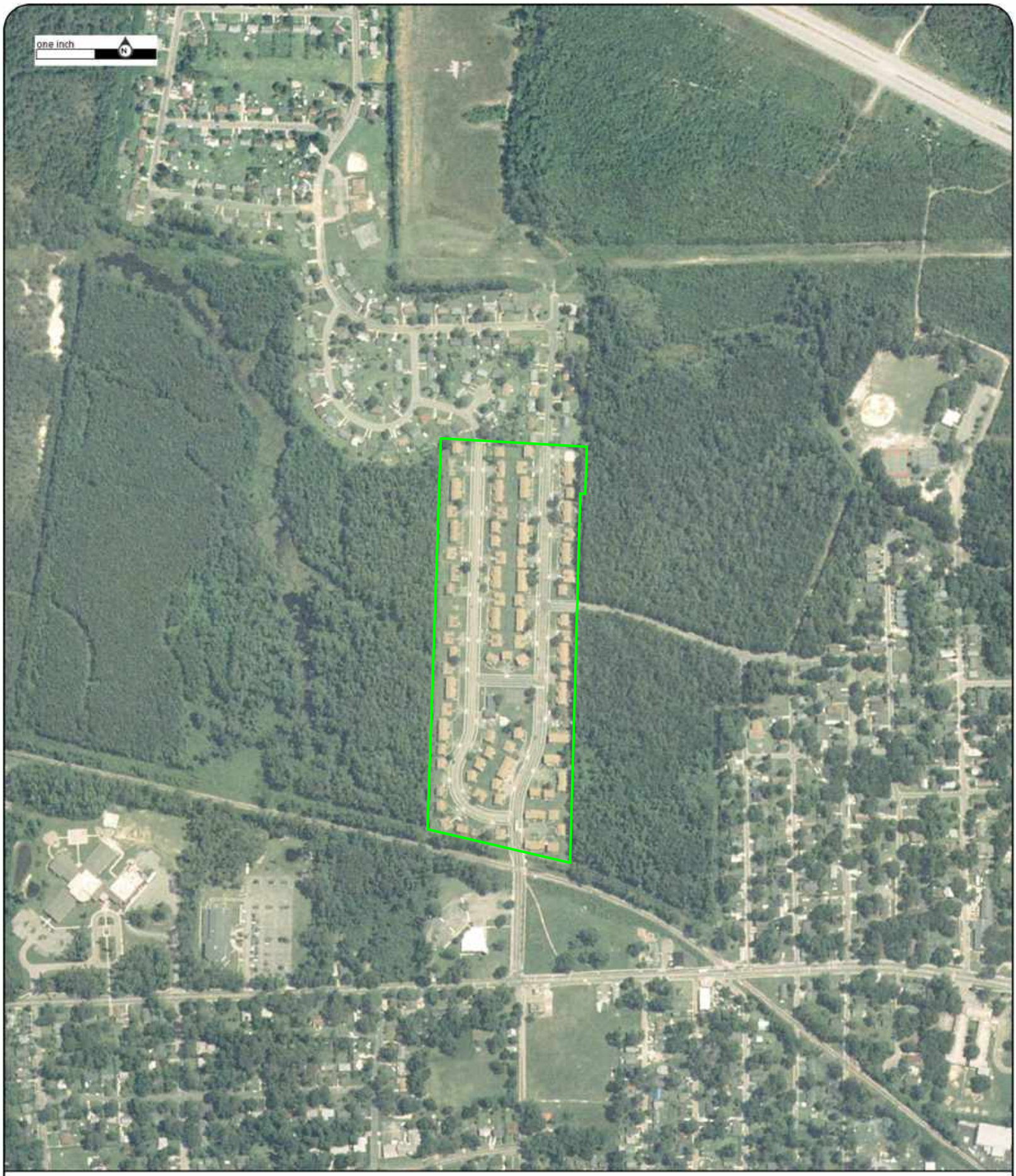


Year: 2008
Source: USDA
Scale: 1" = 500'
Comment:

Address: 714 Emory Street, Wilmington, NC
Approx Center: -77.9074409,34.24792107

Order No: 23040400848

ERIS

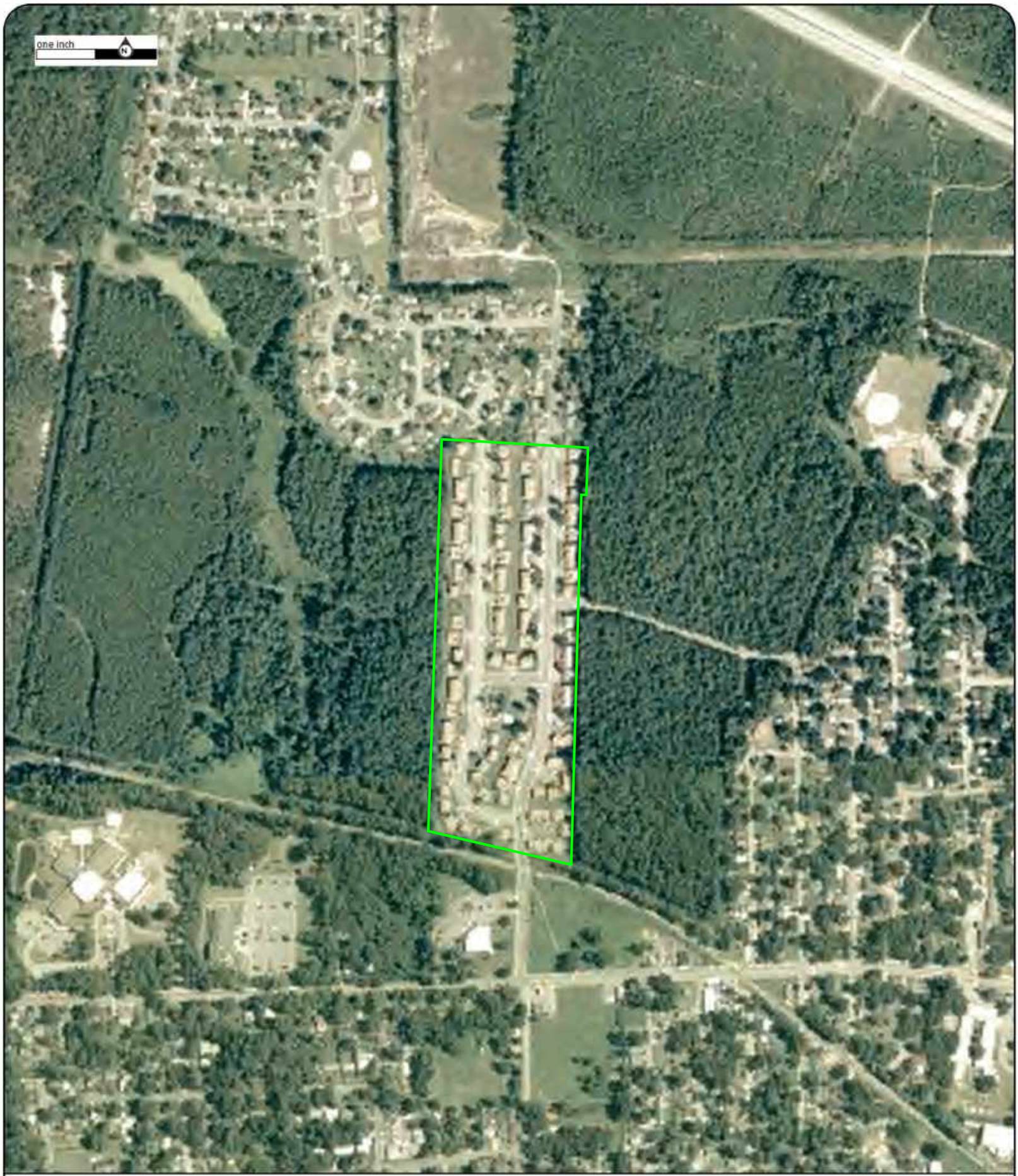


Year: 2006
Source: USDA
Scale: 1" = 500'
Comment:

Address: 714 Emory Street, Wilmington, NC
Approx Center: -77.9074409,34.24792107

Order No: 23040400848

ERIS



Year: 2004
Source: USDA
Scale: 1" = 500'
Comment:

Address: 714 Emory Street, Wilmington, NC
Approx Center: -77.9074409,34.24792107

Order No: 23040400848

ERIS



Year: 1998
Source: USGS
Scale: 1" = 500'
Comment:

Address: 714 Emory Street, Wilmington, NC
Approx Center: -77.9074409,34.24792107

Order No: 23040400848

ERIS



Year: 1993
Source: USGS
Scale: 1" = 500'
Comment:

Address: 714 Emory Street, Wilmington, NC
Approx Center: -77.9074409,34.24792107

Order No: 23040400848

ERIS



Year: 1983
Source: USGS
Scale: 1" = 500'
Comment:

Address: 714 Emory Street, Wilmington, NC
Approx Center: -77.9074409,34.24792107

Order No: 23040400848

ERIS



Year: 1975
Source: USGS
Scale: 1" = 500'
Comment: Best Copy Available

Address: 714 Emory Street, Wilmington, NC
Approx Center: -77.9074409,34.24792107

Order No: 23040400848

ERIS



Year: 1964
Source: USAF
Scale: 1" = 500'
Comment: Best Copy Available

Address: 714 Emory Street, Wilmington, NC
Approx Center: -77.9074409,34.24792107

Order No: 23040400848

ERIS



Year: 1956
Source: ASCS
Scale: 1" = 500'
Comment:

Address: 714 Emory Street, Wilmington, NC
Approx Center: -77.9074409,34.24792107

Order No: 23040400848

ERIS



Year: 1949
Source: ASCS
Scale: 1" = 500'
Comment:

Address: 714 Emory Street, Wilmington, NC
Approx Center: -77.9074409,34.24792107

Order No: 23040400848

ERIS



Year: 1938
Source: ASCS
Scale: 1" = 500'
Comment:

Address: 714 Emory Street, Wilmington, NC
Approx Center: -77.9074409,34.24792107

Order No: 23040400848

ERIS

ERIS

FIRE INSURANCE MAPS

Project Property:	Creekwood South 714 Emory Street Wilmington NC 28405
Project No:	49-20024
Requested By:	ECS Limited Southeast
Order No:	23040400848
Date Completed:	April 05, 2023

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

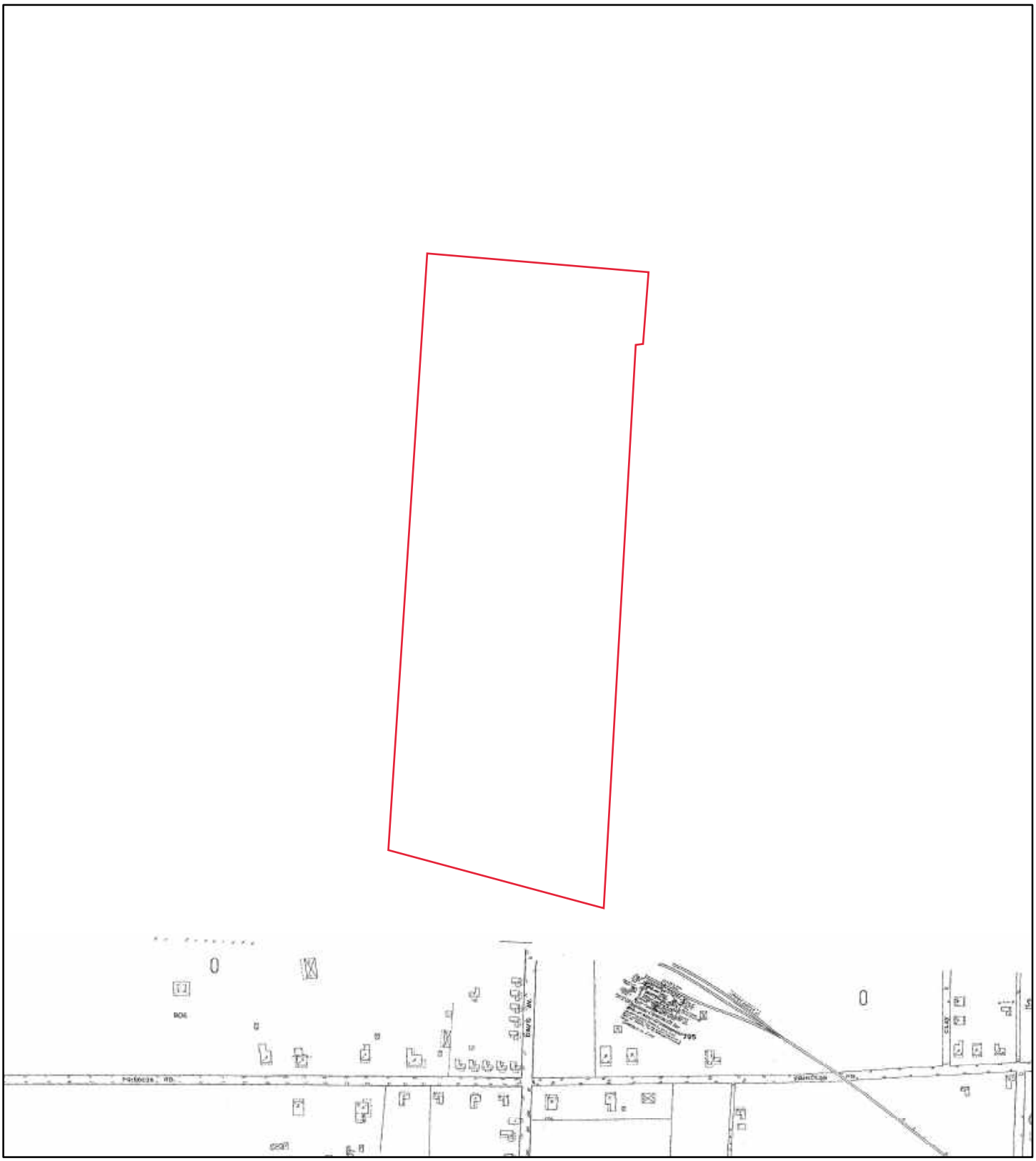
Listed below, please find the results of our search for historic fire insurance maps from our in-house collection, performed in conjuction with your ERIS report.

Date	City	State	Volume	Sheet Number(s)
1923	Wilmington	North Carolina		71, 72
1915	Wilmington	North Carolina		49

Individual Fire Insurance Maps for the subject property and/or adjacent sites are included with the ERIS environmental database report to be used for research purposes only and cannot be resold for any other commercial uses other than for use in a Phase I environmental assessment.

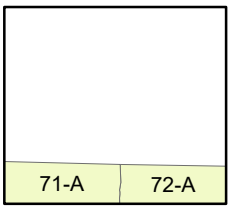
Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Fire Insurance Map



1923

Address: 714 Emory Street Wilmington NC 28405



Map sheet(s):
Volume NA: 71,72;

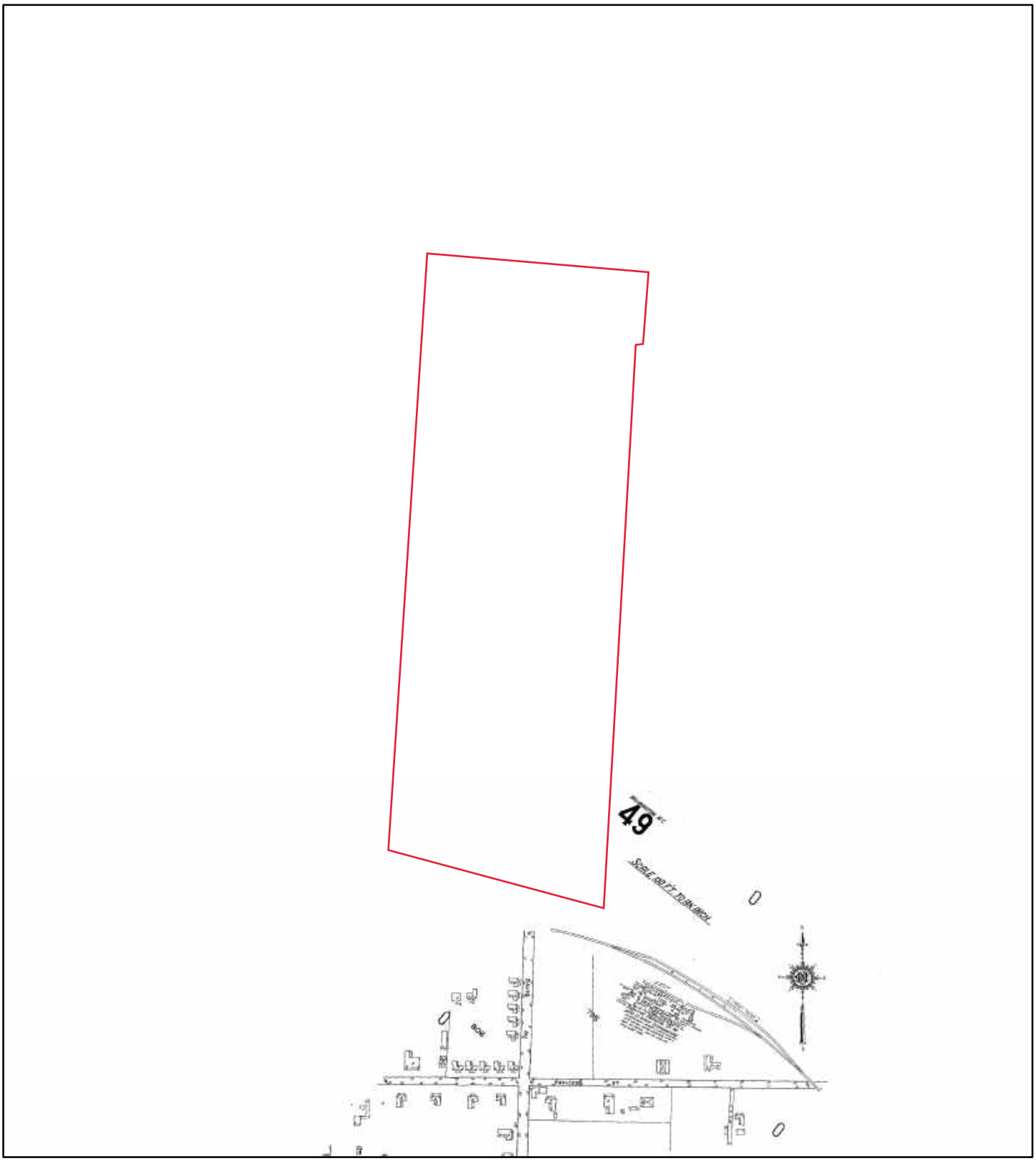
N

0 180 360 720 1,080 1,440
Feet

Order Number 23040400848

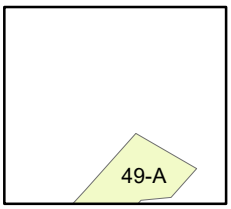
ERIS

Fire Insurance Map



1915

Address: 714 Emory Street Wilmington NC 28405



Map sheet(s):
Volume NA: 49;
49;

Order Number 23040400848

ERIS

TOPOGRAPHIC MAPS

Project Property:	Creekwood South 714 Emory Street Wilmington NC 28405
Project No:	49-20024
Requested By:	ECS Limited Southeast
Order No:	23040400848
Date Completed:	April 05, 2023

Environmental Risk Information Services
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1.866.517.5204 | info@erisinfo.com | erisinfo.com

We have searched USGS collections of current topographic maps and historical topographic maps for the project property. Below is a list of maps found for the project property and adjacent area. Maps are from 7.5 and 15 minute topographic map series, if available.

Year	Map Series
2019	7.5
2016	7.5
2013	7.5
1997	7.5
1993	7.5
1980	7.5
1979	7.5
1970	7.5
1948	15
1947	15
1942	15

Topographic Map Symbology for the maps may be available in the following documents:

Pre-1947

Page 223 of 1918 Topographic Instructions

Page 130 of 1928 Topographic Instructions

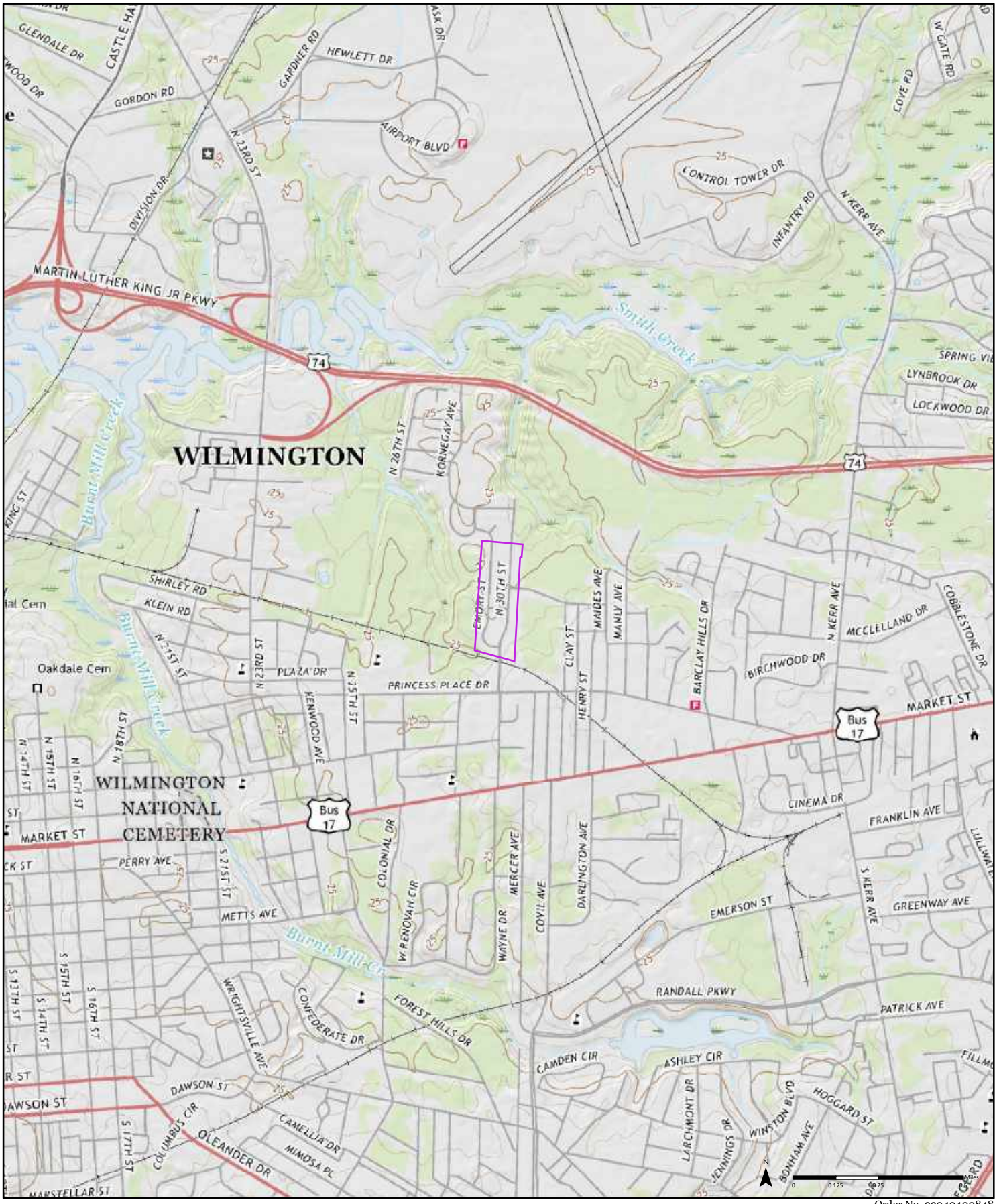
1947-2009

Topographic Map Symbols

2009-present

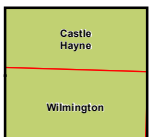
US Topo Map Symbols

Topographic Maps included in this report are produced by the USGS and are to be used for research purposes including a phase I report. Maps are not to be resold as commercial property.
No warranty of Accuracy or Liability for ERIS: The information contained in this report has been produced by ERIS Information Inc.(in the US) and ERIS Information Limited Partnership (in Canada), both doing business as 'ERIS', using Topographic Maps produced by the USGS. This maps contained herein does not purport to be and does not constitute a guarantee of the accuracy of the information contained herein. Although ERIS has endeavored to present you with information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.



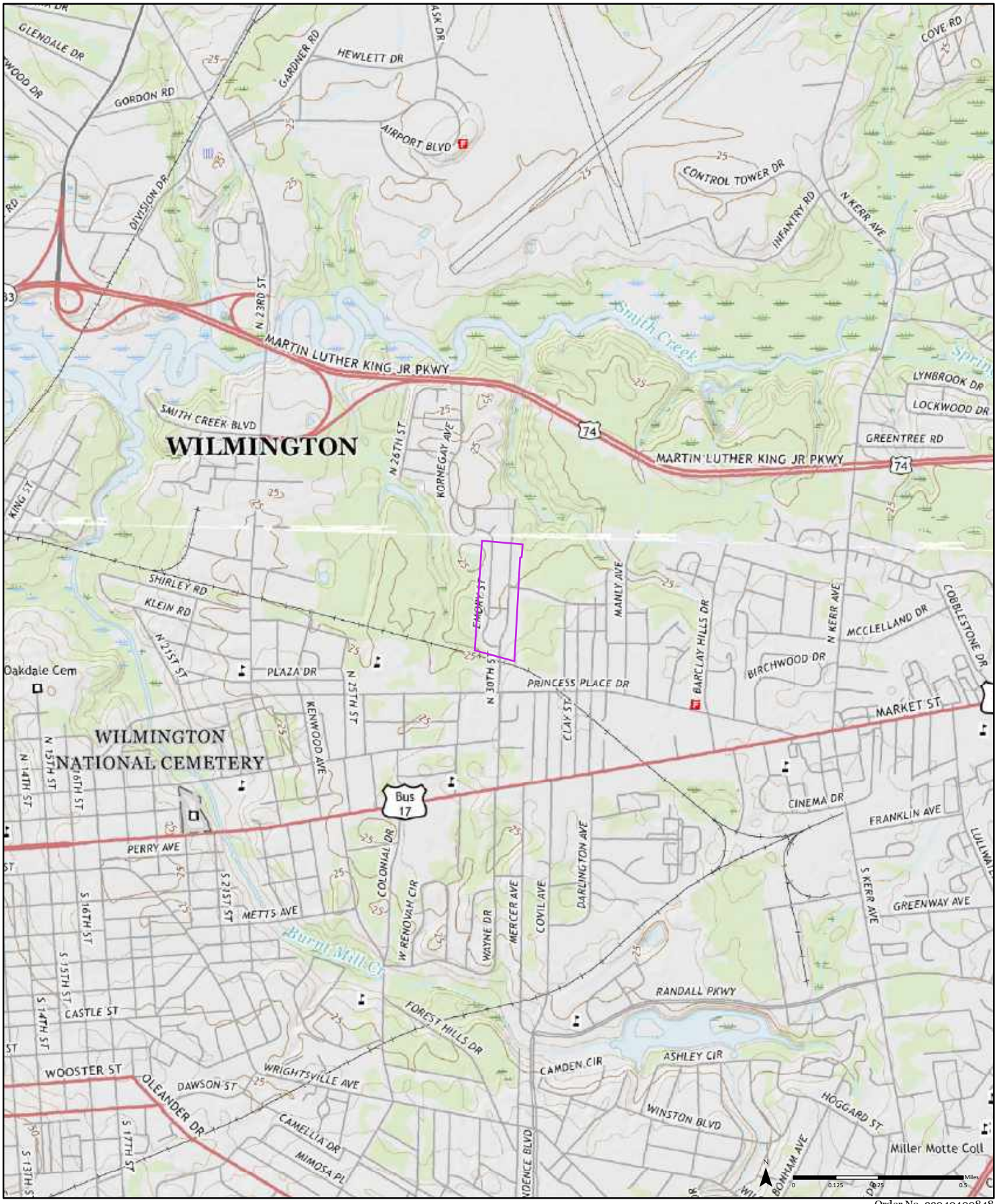
Order No. 23040400848

2019



Available Quadrangle(s): Wilmington, NC
Castle Hayne, NC

Source: USGS 7.5 Minute Topographic Map



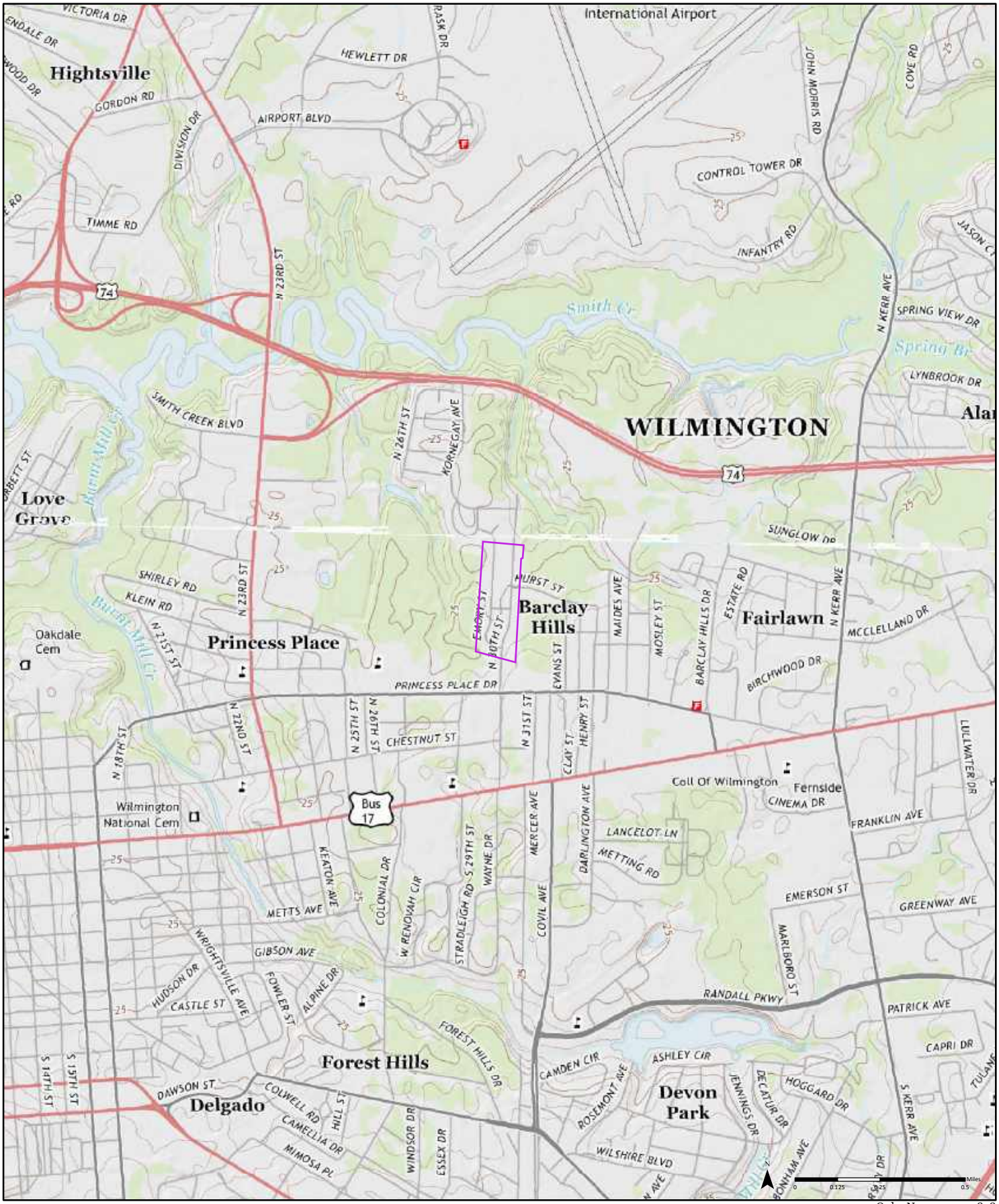
Order No. 23040400848

2016



Available Quadrangle(s): Wilmington, NC
Castle Hayne, NC

Source: USGS 7.5 Minute Topographic Map



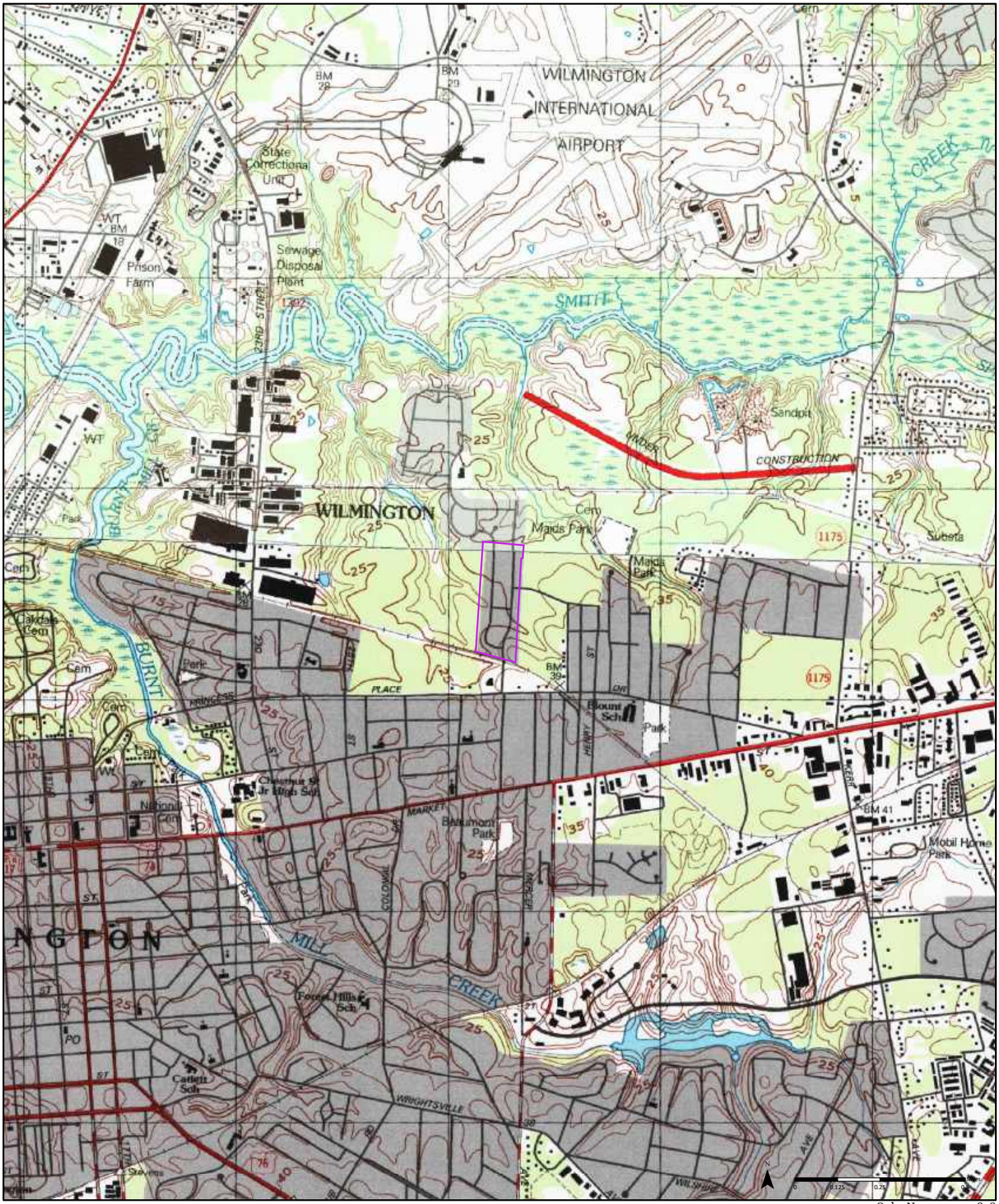
Order No. 23040400848

2013



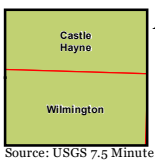
Available Quadrangle(s): Wilmington, NC
Castle Hayne, NC

Source: USGS 7.5 Minute Topographic Map



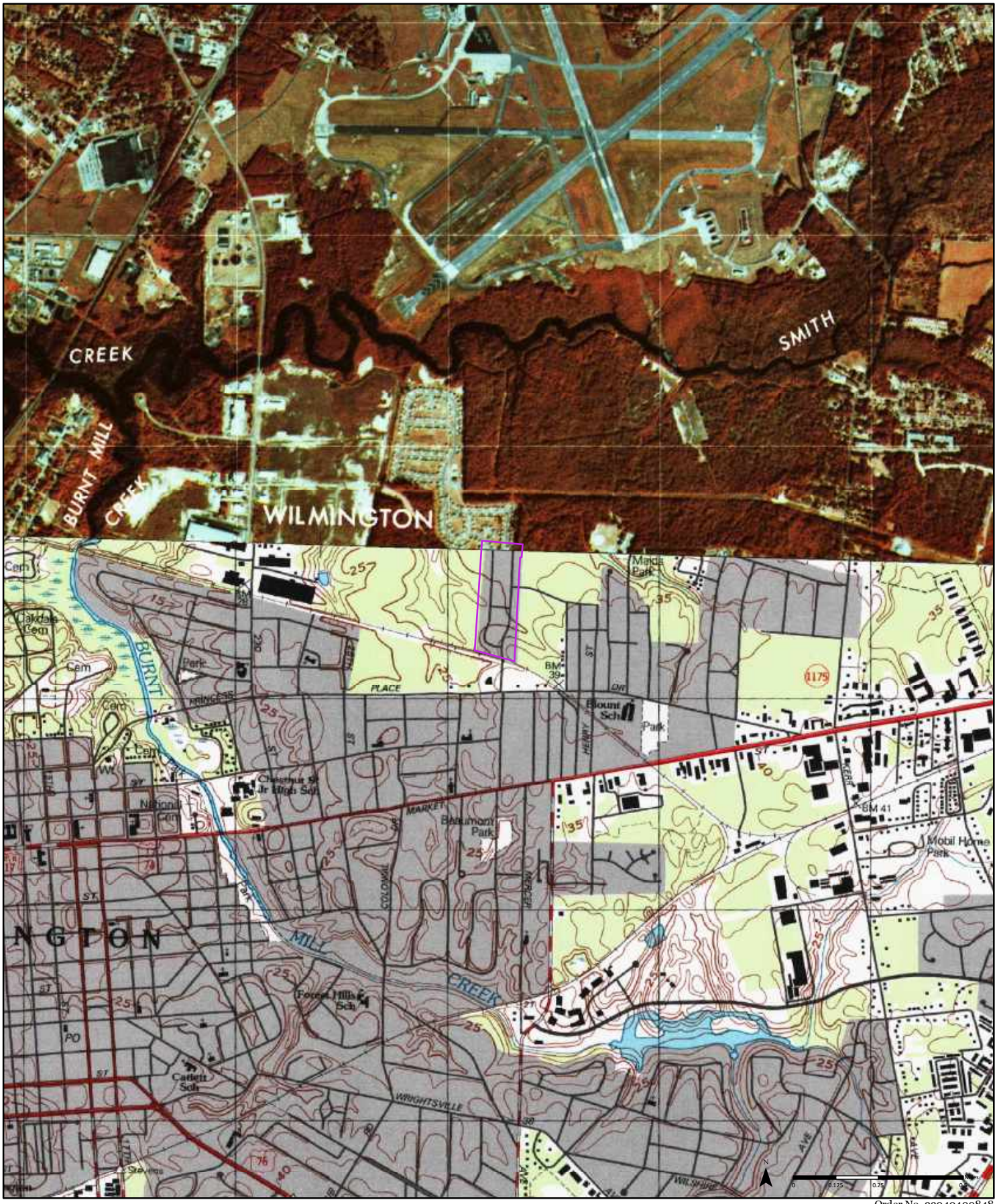
Order No. 23040400848

1997 *(1-1993)* *Aerial Photo Year: 1993* *(2-1997)* *Aerial Photo Year: 1997*



Available Quadrangle(s): Wilmington, NC(1-1993)
Castle Hayne, NC(2-1997)

Source: USGS 7.5 Minute Topographic Map

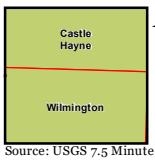


Order No. 23040400848

1993

(1-1993) *Aerial Photo Year: 1993*

(2-1980) *Aerial Photo Year: 1980*



Available Quadrangle(s): Wilmington, NC(1-1993)
Castle Hayne, NC(2-1980)

Source: USGS 7.5 Minute Topographic Map

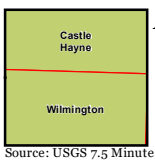


1980

(1-1980) *Aerial Photo Year: 1980*

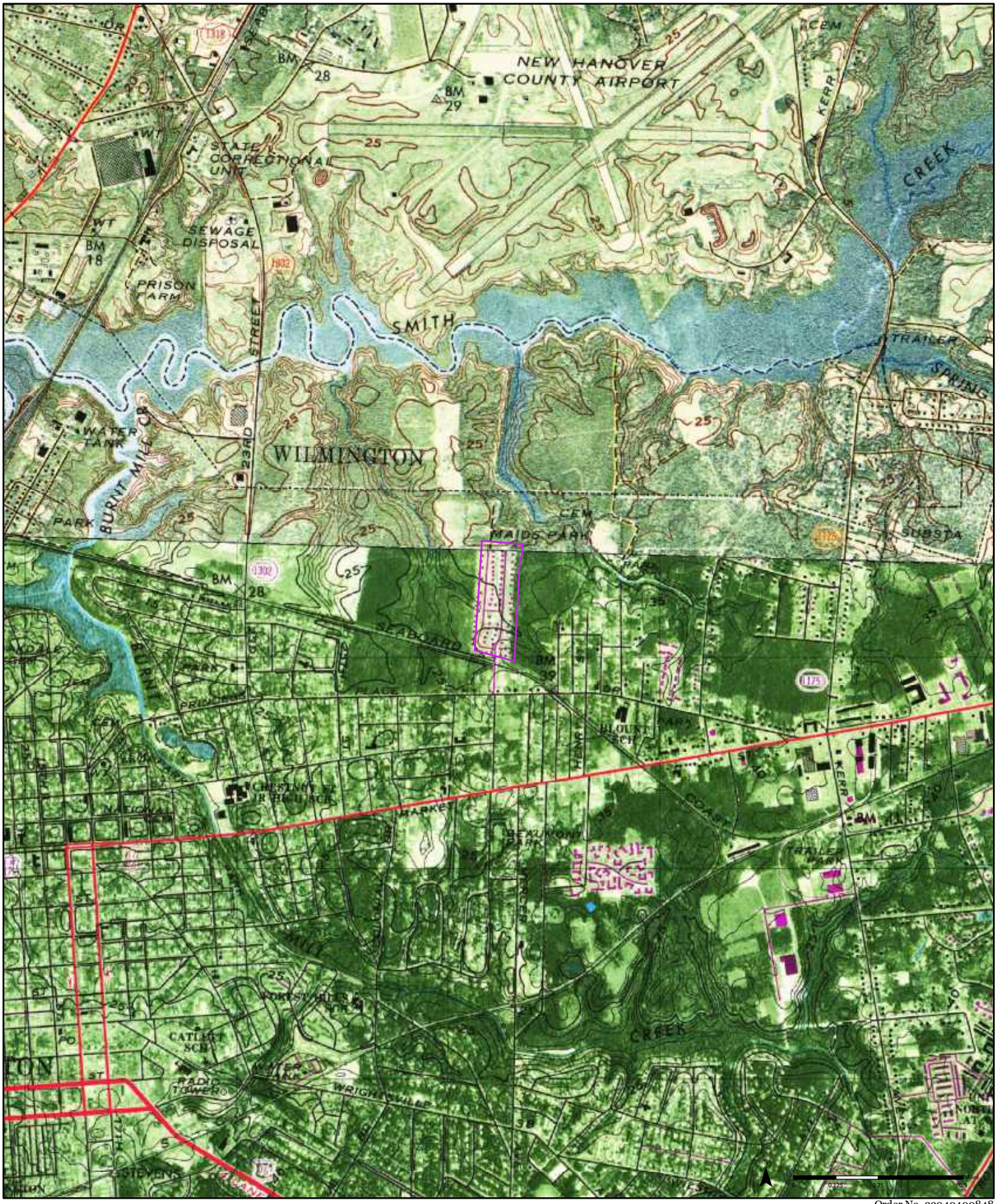
(2-1980) *Aerial Photo Year: 1980*

Order No. 23040400848



Available Quadrangle(s): Wilmington, NC(1-1980)
Castle Hayne, NC(2-1980)

Source: USGS 7.5 Minute Topographic Map



1979

(1-1970) *Aerial Photo Year: 1969*

(2-1979) *Aerial Photo Year: 1975*
Photo Revision Year: 1979

Order No. 23040400848



Available Quadrangle(s): Castle Hayne, NC(1-1970)
Wilmington, NC(2-1979)

Source: USGS 7.5 Minute Topographic Map

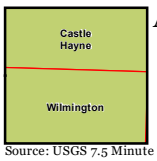


1970

(1-1970) *Aerial Photo Year: 1969*

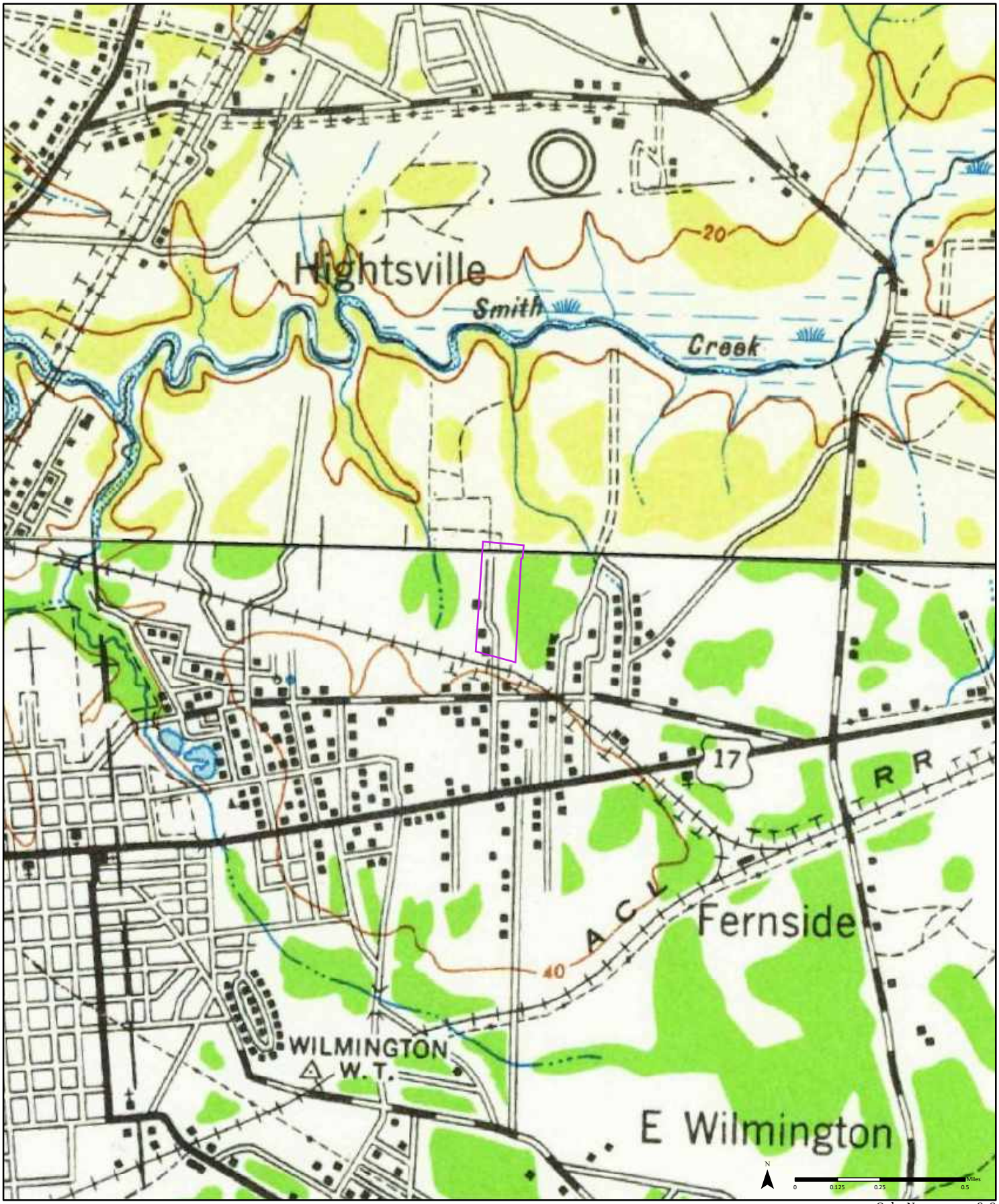
(2-1970) *Aerial Photo Year: 1969*

Order No. 23040400848



Available Quadrangle(s): Wilmington, NC(1-1970)
Castle Hayne, NC(2-1970)

Source: USGS 7.5 Minute Topographic Map



1948

(1-1947) *Aerial Photo Year: 1942*

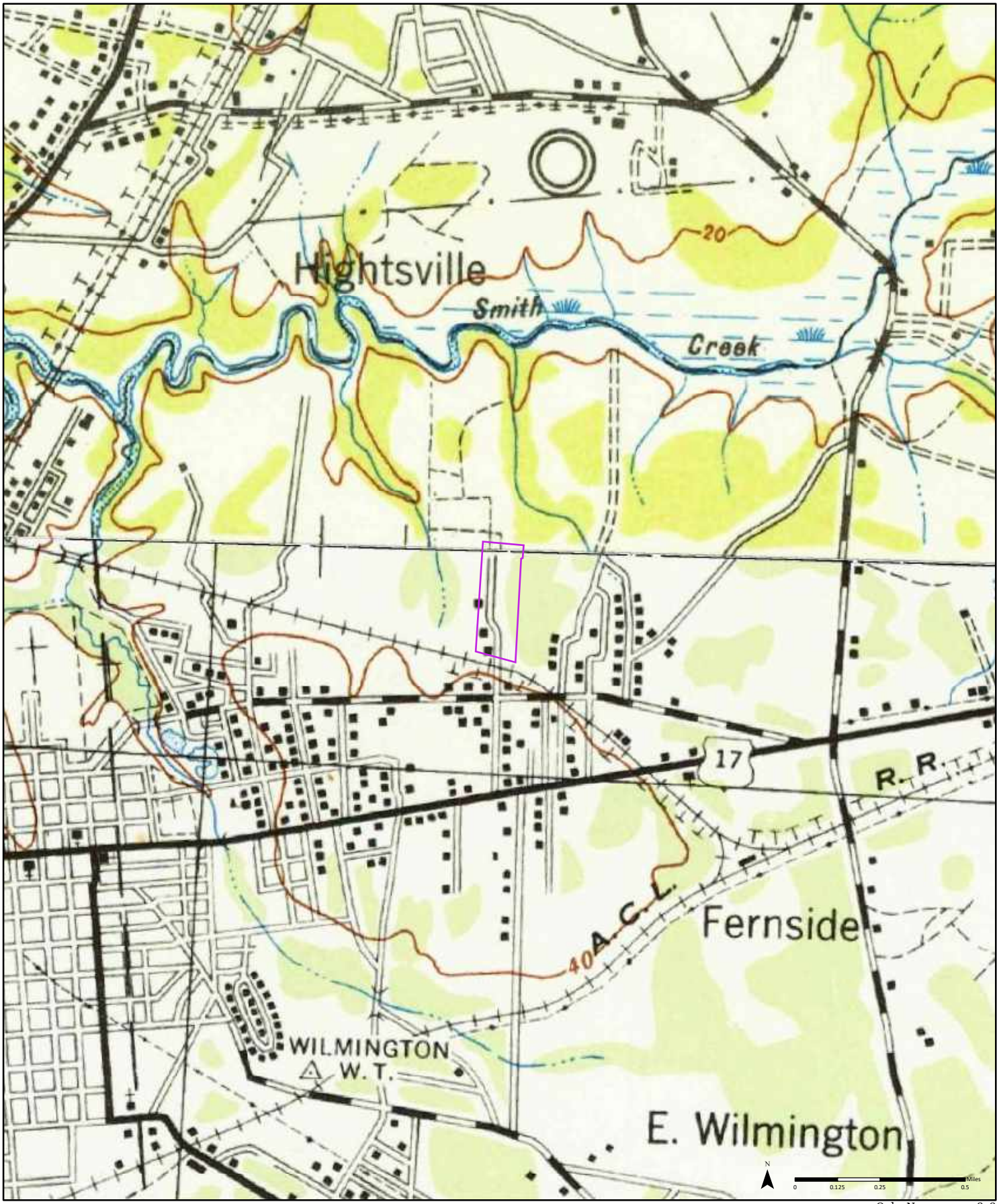
(2-1948) *Aerial Photo Year: 1942*

Order No. 23040400848



Available Quadrangle(s): Rocky Point, NC(1-1947)
Wilmington, NC(2-1948)

Source: USGS 15 Minute Topographic Map



1947

(1-1947) *Aerial Photo Year: 1942*

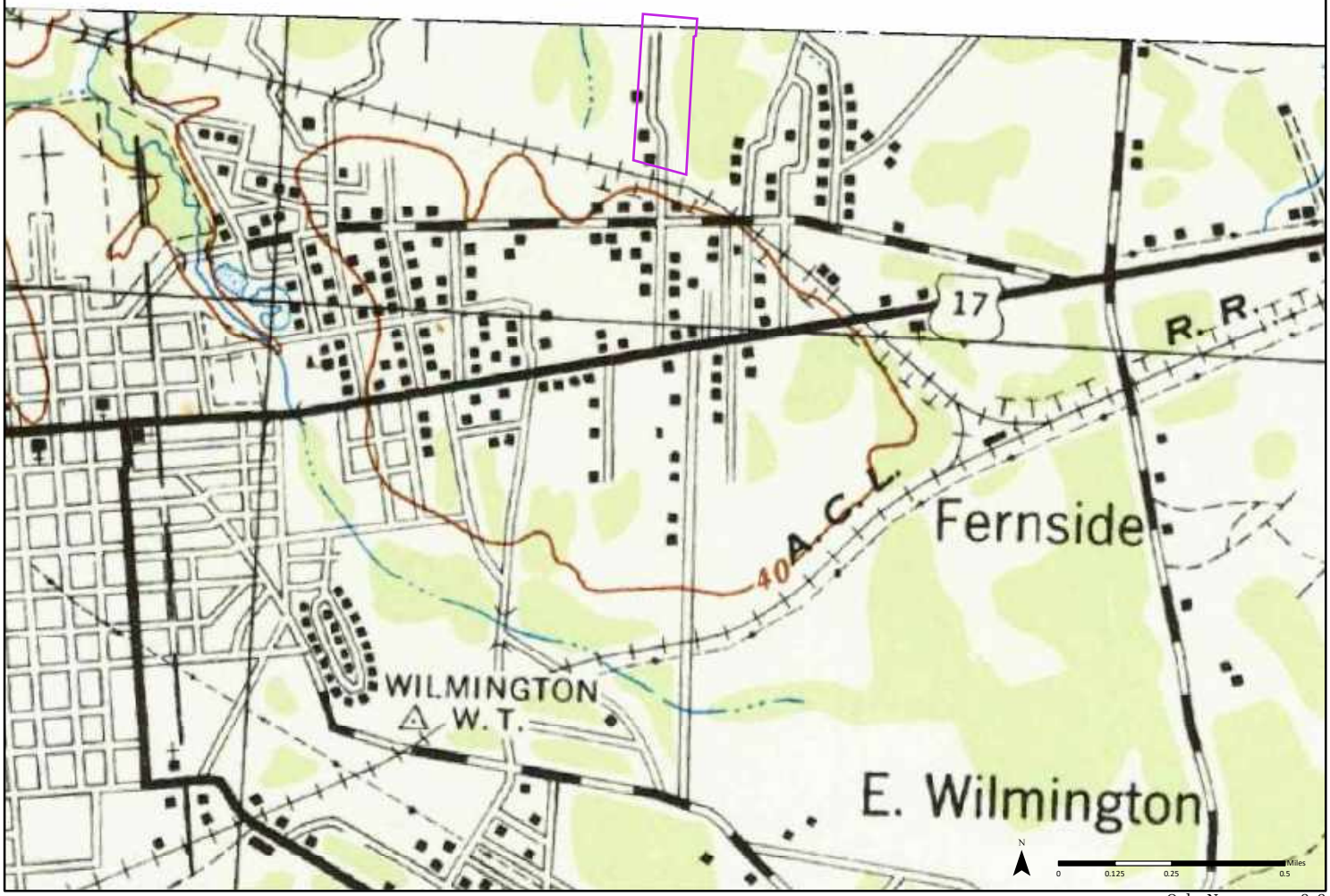
(2-1942) *Aerial Photo Year: 1942*

Order No. 23040400848



Available Quadrangle(s): Rocky Point, NC(1-1947)
Wilmington, NC(2-1942)

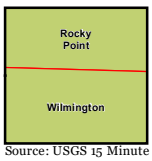
Source: USGS 15 Minute Topographic Map



Order No. 23040400848

1942 *(1-1942)*

Aerial Photo Year: 1942



Available Quadrangle(s): Wilmington, NC(1-1942)

Source: USGS 15 Minute Topographic Map

CITY DIRECTORY

Project Property:	*Creekwood South* *714 Emory Street* *Wilmington,NC 28405*
Project No:	*49-20024*
Requested By:	*ECS Limited Southeast*
Order No:	*23040400848*
Date Completed:	*April 10, 2023*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

April 10, 2023
RE: CITY DIRECTORY RESEARCH
714 Emory Street
Wilmington,NC 28405

Thank you for contacting ERIS for an City Directory Search for the site described above. Our staff has conducted a reverse listing City Directory search to determine prior occupants of the subject site and adjacent properties. We have provided the nearest addresses(s) when adjacent addresses are not listed. If we have searched a range of addresses, all addresses in that range found in the Directory are included.

Note: Reverse Listing Directories generally are focused on more highly developed areas. Newly developed areas may be covered in the more recent years, but the older directories will tend to cover only the "central" parts of the city. To complete the search, we have either utilized the ACPL, Library of Congress, State Archives, and/or a regional library or history center as well as multiple digitized directories. These do not claim to be a complete collection of all reverse listing city directories produced.

ERIS has made every effort to provide accurate and complete information but shall not be held liable for missing, incomplete or inaccurate information. To complete this search we used the general range(s) below to search for relevant findings. If you believe there are additional addresses or streets that require searching please contact us at 866-517-5204.

Search Criteria:
ALL of Emory St
ALL of Hurst St
Search Notes:

Search Results Summary

Date	Source	Comment
2022	DIGITAL BUSINESS DIRECTORY	
2020	DIGITAL BUSINESS DIRECTORY	
2016	DIGITAL BUSINESS DIRECTORY	
2012	DIGITAL BUSINESS DIRECTORY	
2008	DIGITAL BUSINESS DIRECTORY	
2003	DIGITAL BUSINESS DIRECTORY	
2000	DIGITAL BUSINESS DIRECTORY	
1996	POLKS	
1994	CITY PUBLISHING CO	
1990	CITY PUBLISHING CO	
1986	POLKS	
1981	HILLS	
1976	HILLS	
1971	HILLS	
1967	HILLS	
1963	HILLS	
1960	HILLS	
1956	HILLS	
1947	HILLS	
1943	HILLS	
1942	HILLS	
1940	HILLS	
1934	HILLS	
1930	HILLS	
1926	HILLS	

2022 EMORY ST

SOURCE: DIGITAL BUSINESS DIRECTORY

601 **TINA PELLOM**...*RESIDENTIAL*
606 **RAMESHA ARMSTEAD**...*RESIDENTIAL*
609 **MELVIN BOYER JR**...*RESIDENTIAL*
613 **ANTHONY HARRIS**...*RESIDENTIAL*
613 **FRANK MILTNER**...*RESIDENTIAL*
613 **JUNIOR MURPHY**...*RESIDENTIAL*
617 **CYNTHIA BROCK**...*RESIDENTIAL*
617 **MARIE WRISBORNE**...*RESIDENTIAL*
621 **CYNTHIA MCGHEE**...*RESIDENTIAL*
702 **ANGELA BLACK**...*RESIDENTIAL*
707 **PRECIOUS SHARPE**...*RESIDENTIAL*
708 **SHADONALD BRUNSON**...*RESIDENTIAL*
714 **CREEKWOOD SOUTH**...*FEDERAL GOVERNMENT CONTRACTORS*
714 **CREEKWOOD SOUTH**...*APARTMENTS*
719 **ARLENE BARNES**...*RESIDENTIAL*
719 **ELIZABETH BROCK**...*RESIDENTIAL*
721 **RAYFIELD ROBINSON**...*RESIDENTIAL*
723 **SHAKIRA WADDELL**...*RESIDENTIAL*
802 **ERIC COOK**...*RESIDENTIAL*
802 **JOMOKA BROWN**...*RESIDENTIAL*
803 **STEPHANIE STOKES**...*RESIDENTIAL*
805 **GRACE BROWN**...*RESIDENTIAL*
807 **SARAH BAILEY-WILSON**...*RESIDENTIAL*
809 **VICTORIA WEBB**...*RESIDENTIAL*
810 **DANIELLE BROWN**...*RESIDENTIAL*
812 **ERIN MATHIS**...*RESIDENTIAL*
815 **LYDIA YOUNG**...*RESIDENTIAL*
815 **TAMIKIA BEATTY**...*RESIDENTIAL*
901 **AERIAL ZINKINS**...*RESIDENTIAL*
901 **JEAVONNAH MANNS**...*RESIDENTIAL*
901 **NADINE ELLIOTT**...*RESIDENTIAL*
906 **TAMIKA BEATTY**...*RESIDENTIAL*
907 **KARLYN JOHNSON**...*RESIDENTIAL*
908 **KISHINA SMITH**...*RESIDENTIAL*
910 **DIANE CONYERS**...*RESIDENTIAL*
911 **LYNETTE BRUNSON**...*RESIDENTIAL*
911 **RAFEEKA BRUNSON**...*RESIDENTIAL*
912 **SHALIMAR DREHER**...*RESIDENTIAL*
913 **BEREDIEDRA LARDGE**...*RESIDENTIAL*
915 **CORDELIA ROSS**...*RESIDENTIAL*
917 **MONICA HINES**...*RESIDENTIAL*
1006 **AGNES OLIVER**...*RESIDENTIAL*
1007 **JAMES GAUSE**...*RESIDENTIAL*
1009 **ANEKA HOWARD**...*RESIDENTIAL*
1010 **ANDRE TILGHMAN**...*RESIDENTIAL*
1011 **MYRA MCGILL**...*RESIDENTIAL*
1012 **MONIQUE COTTEN**...*RESIDENTIAL*
1015 **EILEEN DIXON**...*RESIDENTIAL*
1016 **FELICIA LANE**...*RESIDENTIAL*
1016 **TAKISHA LANE**...*RESIDENTIAL*
1017 **LEKEISH AUSTIN**...*RESIDENTIAL*
1019 **JUDY SMITH**...*RESIDENTIAL*
1019 **PATRICIA WILKINS**...*RESIDENTIAL*
1101 **EDWARD TATUM JR**...*RESIDENTIAL*
1102 **BARBARA HANSLEY**...*RESIDENTIAL*
1104 **JAMES MCCLAMMY**...*RESIDENTIAL*
1105 **SHEILA NIXON**...*RESIDENTIAL*

2022 HURST ST

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2020 EMORY ST

SOURCE: DIGITAL BUSINESS DIRECTORY

601 **TINA PELLOM**...*RESIDENTIAL*
609 **MELVIN BOYER JR**...*RESIDENTIAL*
613 **ANTHONY HARRIS**...*RESIDENTIAL*
613 **FRANK MILTNER**...*RESIDENTIAL*
613 **JUNIOR MURPHY**...*RESIDENTIAL*
617 **CYNTHIA BROCK**...*RESIDENTIAL*
617 **MARIE WRISBORNE**...*RESIDENTIAL*
621 **CYNTHIA MCGHEE**...*RESIDENTIAL*
621 **SABRINA KINGDELL**...*RESIDENTIAL*
702 **ANGELA BLACK**...*RESIDENTIAL*
706 **ANGELA WALKER**...*RESIDENTIAL*
707 **PRECIOUS SHARPE**...*RESIDENTIAL*
708 **SHADONALD BRUNSON**...*RESIDENTIAL*
711 **ERNESTINE ALLEN**...*RESIDENTIAL*
714 **CREEKWOOD SOUTH**...*FEDERAL GOVERNMENT CONTRACTORS*
714 **CREEKWOOD SOUTH**...*APARTMENTS*
719 **ARLENE BARNES**...*RESIDENTIAL*
721 **RAYFIELD ROBINSON**...*RESIDENTIAL*
802 **ERIC COOK**...*RESIDENTIAL*
802 **JOMOKA BROWN**...*RESIDENTIAL*
805 **GRACE BROWN**...*RESIDENTIAL*
807 **SARAH BAILEY-WILSON**...*RESIDENTIAL*
809 **VICTORIA WEBB**...*RESIDENTIAL*
812 **ERIN MATHIS**...*RESIDENTIAL*
815 **LYDIA YOUNG**...*RESIDENTIAL*
815 **TAMIKIA BEATTY**...*RESIDENTIAL*
901 **AERIAL ZINKINS**...*RESIDENTIAL*
901 **JEAVONNAH MANNS**...*RESIDENTIAL*
907 **KARLYN JOHNSON**...*RESIDENTIAL*
908 **KISHINA SMITH**...*RESIDENTIAL*
910 **DIANE CONYERS**...*RESIDENTIAL*
911 **LYNETTE BRUNSON**...*RESIDENTIAL*
912 **SHALIMAR DREHER**...*RESIDENTIAL*
913 **BEREDIEDRA LARDGE**...*RESIDENTIAL*
915 **CORDELIA ROSS**...*RESIDENTIAL*
917 **MONICA HINES**...*RESIDENTIAL*
924 **SHARONA BRUNSON**...*RESIDENTIAL*
1007 **JAMES GAUSE**...*RESIDENTIAL*
1009 **AKENA HOWARD**...*RESIDENTIAL*
1010 **ANDRE TILGHMAN**...*RESIDENTIAL*
1011 **MYRA MCGILL**...*RESIDENTIAL*
1012 **MONIQUE COTTEN**...*RESIDENTIAL*
1015 **EILEEN DIXON**...*RESIDENTIAL*
1016 **FELICIA LANE**...*RESIDENTIAL*
1019 **PATRICIA WILKINS**...*RESIDENTIAL*
1101 **ETIEME MCGRIFF**...*RESIDENTIAL*
1102 **BARBARA HANSLEY**...*RESIDENTIAL*
1104 **JAMES MCCLAMMY**...*RESIDENTIAL*
1105 **SHEILA NIXON**...*RESIDENTIAL*

2020 HURST ST

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2016 EMORY ST

SOURCE: DIGITAL BUSINESS DIRECTORY

601 **TINA PELLOM**...*RESIDENTIAL*
613 **FRANK MILTNER**...*RESIDENTIAL*
615 **CYNTHIA CROCK**...*RESIDENTIAL*
617 **MARIE WRISBORNE**...*RESIDENTIAL*
621 **CYNTHIA MCGHEE**...*RESIDENTIAL*
621 **SABRINA KINGDELL**...*RESIDENTIAL*
702 **ANGELA BLACK**...*RESIDENTIAL*
704 **CATHERINE BROWN**...*RESIDENTIAL*
706 **ALFRED WALKER JR**...*RESIDENTIAL*
706 **ANGELA WALKER**...*RESIDENTIAL*
706 **ETHEL WALKER**...*RESIDENTIAL*
707 **PRECIOUS SHARPE**...*RESIDENTIAL*
709 **KHEARA BROWN**...*RESIDENTIAL*
711 **ERNESTINE ALLEN**...*RESIDENTIAL*
711 **SHALEEYAH ALLEN**...*RESIDENTIAL*
714 **CREEKWOOD SOUTH**...*APARTMENTS*
719 **ARLENE BARNES**...*RESIDENTIAL*
721 **RAYFIELD ROBINSON**...*RESIDENTIAL*
802 **ERIC COOK**...*RESIDENTIAL*
804 **CRYSTAL JONES**...*RESIDENTIAL*
807 **SARAH BAILEY-WILSON**...*RESIDENTIAL*
809 **VICTORIA WEBB**...*RESIDENTIAL*
810 **TIARRA THOMPSON**...*RESIDENTIAL*
812 **ERIN MATHIS**...*RESIDENTIAL*
813 **FREDERICKA MORRIS**...*RESIDENTIAL*
815 **LYDIA YOUNG**...*RESIDENTIAL*
815 **TAMIKIA BEATTY**...*RESIDENTIAL*
901 **AERIAL ZINKINS**...*RESIDENTIAL*
901 **NADINE ELLIOTT**...*RESIDENTIAL*
907 **KARLYN JOHNSON**...*RESIDENTIAL*
908 **KISHINA SMITH**...*RESIDENTIAL*
909 **MAURICE BELLAMY**...*RESIDENTIAL*
910 **DIANE CONYERS**...*RESIDENTIAL*
910 **JAMEL CONYERS**...*RESIDENTIAL*
910 **LONNELL CONYERS**...*RESIDENTIAL*
913 **BEREDIEDRA LARDGE**...*RESIDENTIAL*
913 **KINONA LARDGE**...*RESIDENTIAL*
917 **MONICA HINES**...*RESIDENTIAL*
924 **SHARONA BRUNSON**...*RESIDENTIAL*
1007 **JAMES GAUSE**...*RESIDENTIAL*
1009 **AKENA HOWARD**...*RESIDENTIAL*
1009 **ANEKA HOWARD**...*RESIDENTIAL*
1011 **MYRA MCGILL**...*RESIDENTIAL*
1015 **EILEEN DIXON**...*RESIDENTIAL*
1104 **JAMES MCCLAMMY**...*RESIDENTIAL*
1105 **SHEILA NIXON**...*RESIDENTIAL*

2016 HURST ST

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2012 EMORY ST

SOURCE: DIGITAL BUSINESS DIRECTORY

706 **JAMES WATKINS**...*RESIDENTIAL*
714 **CREEKWOOD SOUTH**...*APARTMENTS*
811 **DINKINS AERIAL**...*NONCLASSIFIED ESTABLISHMENTS*
1012 **CECELIA FEGGINS**...*RESIDENTIAL*
1017 **CARL BOONE**...*RESIDENTIAL*
1103 **MOSES HARKLESS**...*RESIDENTIAL*
1104 **CORINE MCCLAMMY**...*RESIDENTIAL*
1105 **DEMONTE NIXON**...*RESIDENTIAL*
1105 **SHEILA NIXON**...*RESIDENTIAL*

2012 HURST ST

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2008 EMORY ST

SOURCE: DIGITAL BUSINESS DIRECTORY

601 **VIOLET DARNELL**...*RESIDENTIAL*
602 **JOYCE KEATON**...*RESIDENTIAL*
607 **TINA PELLUM**...*RESIDENTIAL*
608 **ROBIN JACOBS**...*RESIDENTIAL*
608 **ROOSEVELT JR MILLER**...*RESIDENTIAL*
609 **QURISTEN CHERISA**...*RESIDENTIAL*
609 **SHANTE LEONARD**...*RESIDENTIAL*
611 **MARY STUKES**...*RESIDENTIAL*
617 **JOYCE HARVEY**...*RESIDENTIAL*
619 **DOWD LAWRENCE**...*RESIDENTIAL*
623 **C GAUSE**...*RESIDENTIAL*
701 **PAMELA GRADY**...*RESIDENTIAL*
703 **CARLA HOBBS**...*RESIDENTIAL*
705 **BRENDA RAWLS**...*RESIDENTIAL*
705 **SHAMEKA LAWRENCE**...*RESIDENTIAL*
706 **PEARLINE WATKINS**...*RESIDENTIAL*
707 **LAKEISHA THOMAS**...*RESIDENTIAL*
708 **DARRELL WALKER**...*RESIDENTIAL*
708 **WAYNE JOHNSON**...*RESIDENTIAL*
709 **TIMOTHY NEWTON**...*RESIDENTIAL*
710 **TRACEY FORMEY**...*RESIDENTIAL*
711 **ELAINA MCRAE**...*RESIDENTIAL*
711 **RICKY N ALLEN**...*RESIDENTIAL*
714 **CREEKWOOD MANAGEMENT OFFICE**...*HOUSING PROGRAM*
714 **CREEKWOOD SOUTH**...*REAL ESTATE AGENT/MANAGER*
714 **SOUTH CREEKWOOD**...*RESIDENTIAL*
715 **CAPRIA ROUSER**...*RESIDENTIAL*
717 **ANGELA REDD**...*RESIDENTIAL*
721 **JENNIFER WILSON**...*RESIDENTIAL*
723 **GWENDELTA DREHER**...*RESIDENTIAL*
803 **ANDREA MILES**...*RESIDENTIAL*
804 **CHRISTIE WILLIAMS**...*RESIDENTIAL*
805 **GEORGE & TIKEYSHA JR DESCHAMPS**...*RESIDENTIAL*
807 **SARAH WILSON**...*RESIDENTIAL*
810 **JOHN MCCRAE**...*RESIDENTIAL*
811 **QUEEN JONES**...*RESIDENTIAL*
812 **GWENDOLYN GRIFFIN**...*RESIDENTIAL*
813 **CAROLYN GREEN**...*RESIDENTIAL*
901 **LIZA KEITH**...*RESIDENTIAL*
905 **MYRON LLOYD**...*RESIDENTIAL*
906 **CAROLYN DAVIS**...*RESIDENTIAL*
907 **LATTICHE HOOD**...*RESIDENTIAL*
910 **JAMES E GRAHAM**...*RESIDENTIAL*
912 **TERYL & MONIKA LANE**...*RESIDENTIAL*
916 **MICHELLE GILLIAM**...*RESIDENTIAL*
919 **JACQUELINE WATKINS**...*RESIDENTIAL*
919 **JAQUELINE WATKINS**...*RESIDENTIAL*
924 **CRYSTAL GAGUM**...*RESIDENTIAL*
1001 **VERNICE MURPHY**...*RESIDENTIAL*
1002 **JAWUN CLAIBORNE**...*RESIDENTIAL*
1004 **CAMISHA MILLER**...*RESIDENTIAL*
1006 **ERNESTINE ALLEN**...*RESIDENTIAL*
1006 **SHANTAY WARD**...*RESIDENTIAL*
1008 **KEISHA KENNEDY**...*RESIDENTIAL*
1009 **L S POLLOCK**...*RESIDENTIAL*
1009 **TRICE POLLOCK**...*RESIDENTIAL*
1010 **LAKECIA BURWELL**...*RESIDENTIAL*
1012 **PAMELA S ALLEN**...*RESIDENTIAL*
1016 **PAUL JENKINS**...*RESIDENTIAL*
1017 **CAROLYN JAMES**...*RESIDENTIAL*
1103 **MOSES HARKLESS**...*RESIDENTIAL*
1104 **JAMES MCCLAMMY**...*RESIDENTIAL*
1105 **B BRAGG**...*RESIDENTIAL*

2008 HURST ST

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2003 EMORY ST

SOURCE: DIGITAL BUSINESS DIRECTORY

603 **J BARNES**...*RESIDENTIAL*
604 **C JAMES**...*RESIDENTIAL*
609 **MARION T LEVINE**...*RESIDENTIAL*
611 **BRENDA FAYE PALMER**...*RESIDENTIAL*
619 **CAROLYN DAVIS**...*RESIDENTIAL*
619 **TOMEKA DAVIS**...*RESIDENTIAL*
623 **WILLIE REDD**...*RESIDENTIAL*
701 **ANTHONY JACKSON**...*RESIDENTIAL*
702 **ARTAVIA WALKER**...*RESIDENTIAL*
704 **VERONICA D MITCHELL**...*RESIDENTIAL*
705 **TAMIKA JAMES**...*RESIDENTIAL*
709 **TERESA MILLER**...*RESIDENTIAL*
712 **SAMUEL GAINES**...*RESIDENTIAL*
714 **CREEKWOOD SOUTH**
714 **SOUTH CREEKWOOD**...*RESIDENTIAL*
717 **ERICA KEMP**...*RESIDENTIAL*
721 **MINNIE BRYANT**...*RESIDENTIAL*
721 **SUE ELIZABETH RILEY**...*RESIDENTIAL*
802 **LAWRENCE DOWD**...*RESIDENTIAL*
804 **SHANITA A GRADY**...*RESIDENTIAL*
812 **CATHY HAWTHORNE**...*RESIDENTIAL*
812 **TERRELL CLAIBORNE**...*RESIDENTIAL*
813 **CAROLYN GREEN**...*RESIDENTIAL*
815 **LYDIA ANN YOUNG**...*RESIDENTIAL*
913 **MARY LEE CHARLES**...*RESIDENTIAL*
914 **NELLIE GRADY**...*RESIDENTIAL*
915 **COCKETHA BROWN**...*RESIDENTIAL*
916 **ANGELA A BONNER**...*RESIDENTIAL*
917 **B A VEREEN**...*RESIDENTIAL*
917 **BRENDA ANN VEREEN**...*RESIDENTIAL*
918 **PAMELA WADDELL**...*RESIDENTIAL*
919 **KAREN GAUSE**...*RESIDENTIAL*
924 **MONIKA THOMAS**...*RESIDENTIAL*
1003 **R MITCHELL**...*RESIDENTIAL*
1003 **TAMIKA MITCHELL**...*RESIDENTIAL*
1004 **NICOLE ALLEN**...*RESIDENTIAL*
1005 **MELINDA DRAKEFORD**...*RESIDENTIAL*
1007 **DONNA MADDOX**...*RESIDENTIAL*
1009 **ROBERT MCMILLAN**...*RESIDENTIAL*
1010 **KENYA DUKES**...*RESIDENTIAL*
1014 **EARTHWORN CLOTHING INC**
1015 **TIANSI A BASS**...*RESIDENTIAL*
1019 **RICKY REID**...*RESIDENTIAL*
1102 **T REV CAMPBELL**...*RESIDENTIAL*
1103 **C L HARKLESS**...*RESIDENTIAL*
1103 **MOSES HARKLESS**...*RESIDENTIAL*
1104 **JAMES MCCLAMMY**...*RESIDENTIAL*

2003 HURST ST

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2000 EMORY ST

SOURCE: DIGITAL BUSINESS DIRECTORY

110 **T REV CAMPBELL**...*RESIDENTIAL*
601 **JAMAR HARPER**...*RESIDENTIAL*
602 **HELEN RIVERS**...*RESIDENTIAL*
603 **WILLIAM A WYCHE**...*RESIDENTIAL*
609 **MARION T LEVINE**...*RESIDENTIAL*
611 **BRENDA FAYE PALMER**...*RESIDENTIAL*
619 **CAROLYN DAVIS**...*RESIDENTIAL*
701 **ANTHONY JACKSON**...*RESIDENTIAL*
702 **JACQUELINE DAVID**...*RESIDENTIAL*
704 **VERONICA D MITCHELL**...*RESIDENTIAL*
706 **RHONDA KING**...*RESIDENTIAL*
707 **CREEKWOOD SOUTH RESOURCE CTR**
707 **FAMILY NURTURING PROGRAM**
709 **TERESA MILLER**...*RESIDENTIAL*
710 **GEORGE STEVEN HYMAN**...*RESIDENTIAL*
712 **SAMUEL GAINES**...*RESIDENTIAL*
714 **CREEKWOOD BOYS & GIRLS CLUB**
714 **SOUTH CREEKWOOD**...*RESIDENTIAL*
721 **MINNIE BRYANT**...*RESIDENTIAL*
721 **SUE ELIZABETH RILEY**...*RESIDENTIAL*
802 **U RICHARDSON**...*RESIDENTIAL*
805 **HOWARD LARMAR VEREEN**...*RESIDENTIAL*
806 **SHIRLEY LEWIS**...*RESIDENTIAL*
811 **ERIN N MATTHEWS**...*RESIDENTIAL*
815 **LYDIA ANN YOUNG**...*RESIDENTIAL*
909 **VIOLET MRS DARNELL**...*RESIDENTIAL*
911 **JANIE PATRICK**...*RESIDENTIAL*
911 **VERNON PATRICK**...*RESIDENTIAL*
913 **MARY LEE CHARLES**...*RESIDENTIAL*
914 **NELLIE GRADY**...*RESIDENTIAL*
915 **TYREECE STEWART**...*RESIDENTIAL*
916 **ANGELA A BONNER**...*RESIDENTIAL*
917 **BRENDA ANN VEREEN**...*RESIDENTIAL*
918 **PAMELA WADDELL**...*RESIDENTIAL*
1003 **R MITCHELL**...*RESIDENTIAL*
1004 **NICOLE ALLEN**...*RESIDENTIAL*
1007 **DONNA MADDOX**...*RESIDENTIAL*
1009 **ROBERT MCMILLAN**...*RESIDENTIAL*
1013 **MARY ELIZABETH NIXON**...*RESIDENTIAL*
1015 **TIANSI A BASS**...*RESIDENTIAL*
1019 **NATALIE REID**...*RESIDENTIAL*
1019 **RICKY REID**...*RESIDENTIAL*
1103 **MOSES HARKLESS**...*RESIDENTIAL*
1104 **JAMES MCCLAMMY**...*RESIDENTIAL*

2000 HURST ST

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

1996 EMORY ST

SOURCE: POLKS

EMORY ST *(W)*			28405
601	Darnell Violet	-2041 C003	763-3713
603	Barnes J	-2041 C003	762-1371
604	James C	-2020 C003	762-0261
609	Levine Marion T	-2041 C003	762-0320
611	Palmer Brenda F	-2041 C003	762-4164
619	Davis Carolyn	-2041 C003	343-9955
	Davis Tomeka	-2041 C003	251-8745
623	Redd Willie	-2041 C003	762-5055
701	Jackson Anthony	-2042 C003	763-9457
702	Walker Artavia	-2021 C003	763-9453
704	Mitchell Veroni D	-2021 C003	762-8590
705	James Tamika	-2042 C003	763-7522
709	Miller Teresa	-2042 C003	762-4947
712	Gaines Samuel	-2021 C003	343-8309
717	Kemp Erica	-2042 C003	251-0197
721	Bryant Minnie	-2042 C003	762-4879
	Riley Sue E	-2042 C003	762-4879
802	Dowd Lawren	-2021 C003	762-2592
804	Grady Shanita A	-2021 C003	762-2305
812	Claiborne Terrell	-2021 C003	762-9445
	Hawthorne Cathy	-2021 C003	251-3692
813	Green Carolyn	-2042 C003	762-5786
815	Young Lydia A	-2042 C003	341-5184
907	Waddell Pamela	-2043 C003	763-0633
913	Charles Mary L	-2043 C003	762-5978
914	Grady Nellie	-2025 C003	762-2145
915	Brown Cocket	-2043 C003	343-2983
916	Bonner Angela A	-2025 C003	763-9815
917	Vereen B A	-2043 C003	762-9839
	Vereen Brenda A	-2043 C003	762-8514
919	Gause Karen	-2043 C003	763-9818
924	Thomas Monika	-2025 C003	762-3796
1003	Mitchell R	-2043 C003	762-9182
	Mitchell Tamika	-2043 C003	762-3361
1004	Allen Nicole	-2025 C003	343-2978
1005	Drakeford Melinda	-2043 C003	251-8706
1007	Maddox Donna	-2024 C003	763-3969
1009	McMillan Robert	-2024 C003	763-3006
1010	Dukes Kenya	-2044 C003	343-1535
1015	Bass Tiansi A	-2024 C003	251-7670
1019	Reid Ricky	-2024 C003	341-3048
1102	T'S CARPET & RUG CLEANING	-2029 C003	763-0012
	Campbell T	-2029 C003	762-6479
1103	Harkless C L	-2028 C003	763-6166
	Harkless Moses	-2028 C003	343-8082
1104	McClammy James	-2000 C003	763-1117

BUSINESSES 1 HOUSEHOLDS 45

1996 HURST ST

SOURCE: POLKS

STREET NOT LISTED

ELM 28401
SUMMER HILL
From Lake Shore Dr se, 1 e of S Front

1902 Sawyer Cecil H Jr 763-0797 93
1906 Caison David Wayne ..... +762-8899 94
2015 Meeks Jimmy 763-0078 82
2019 Potter J Monroe 763-0822 86
0-BUS 4-RES 1-NEW

EMBASSY CIR 28412
ECHO FARMS
From Appleton Way northeast

301 Burney Russell T Jr ..... □799-9042 94
303 Gray John A Judge 791-6692 91
304 Long Dorenda 799-5021 87
305 Bordeaux William J 395-1702 81
310 Campagna Rocky 392-5184 86
311 Bowden Johnny 395-1533 93
315 Howell James ..... +313-0044 94
315 Semmler Tamera ..... +313-0044 94
320 Bevan Robert 452-7378 92
324 Yedlicka James F 799-7372 82
325 Watts Ty 799-3452 84
0-BUS 11-RES 2-NEW

EMBERWOOD RD (R R 17) 28405
From Wood Sorrell Rd s, 3 w of Gordon Rd

6705 Miller Jeffrey A 791-4047 90
6707 Royal C R 392-2424 93
6709 Rambeaut S D 395-1256 90
6709 Shepard F S III 395-1256 90
6710 Kesecker Joni D 452-0358 90
6711 Jefferson Randy 395-2587 93
6712 Royal Robert E 395-4341 90
6713 Cotton G ..... +791-3008 94
6714 Czimer Colman ..... +452-7080 94
6715 Harvey Lawrence A 392-5416 90
6716 Noble Keith 799-3316 91
6717 Burns Edward C 452-3256 93
6718 Paterson David J 791-6363 92
6719 Bartsch Eric 791-9105 91
6721 Brown Trish 799-0146 93
6721 Schoonover Chuck 799-0146 93
6722 Johnson Deneen A 791-6453 91
6723 Nicely Doug ..... +799-9357 94
6724 Baldwin S J 392-5022 90
6725 Smith Russell ..... +313-6931 94
6728 Keller David 452-9200 91
0-BUS 21-RES 4-NEW

EMERALD SQUARE
See 3329-33 Wrightsville Ave

EMERSON 28403
From 200 blk S Kerr Ave w, 1 s of Market

4102 ★Dillard Paper Co 791-4606 74
4151 ★Cameron & Barkley Co 799-7708 88
4201 ★Harris Electric Co Of Wilmington 799-4869 88
4201 ★Harris Marvin E 799-4869 88
4-BUS 0-RES 0-NEW

EMILY 28401
SEITTER ACRES
From Carl Seitter Dr n, 4 w of Castle Hayne Rd

506 Hundley B T Jr 763-6056 73
507 Harrell Fredrick R 763-8014 76
510 Duncan Michael A 762-4923 73
0-BUS 3-RES 0-NEW

EMMART CT (R R 10) 28409
From Wood Duck Cir southeast

721 Mills Tom 452-9731 91
722 Noland Bill 799-4551 86
725 Jones Bob 395-1694 88
726 Mattes Lucian A 392-6310 88
0-BUS 4-RES 0-NEW

EMORY 28405
From E Stewart Cir e, s & e to 30th St, 1 s of Spaulding Dr

601 Harper Jamar 251-0639 93
602 Rivers Helen 762-0694 91
603 Wycha William A ..... +762-7537 94
609 Levine Marion T 762-0320 87
611 Palmer Brenda Faye 762-4164 92
619 Davis Carolyn 343-9955 88
701 Jackson Anthony ..... □763-9457 94
702 David Jacqueline 763-5762 92
704 Mitchell Veronica D 762-8590 91
706 King Rhonda 762-2154 91
709 Miller Teresa 762-5178 93
710 Hyman George Steven ..... □343-9752 94
712 Gaines Samuel ..... +343-8309 94
714 ★Creekwood South Community Watch 763-7693 85
714 ★Housing Authority Of Wilmington Devlopment Mgrs & Recreation Offices Creekwood South 341-7718 76
721 Bryant Minnie 762-4879 75
721 Riley Sue Elizabeth 762-4879 79
802 Richardson U 762-2674 93
805 Vereen Howard Larmar ..... +763-9801 94
806 Lewis Shirley 762-0332 87

EMORY 28405 Contd

811 Matthews Erin N 763-3708 93
815 Young Lydia Ann ..... +341-5184 94
909 Darnell Violet Mrs 763-3713 81
911 Patrick Janie 763-3968 87
911 Patrick Vernon 763-3968 87
913 Charles Mary Lee 762-5978 85
914 Grady Nellie ..... +762-2145 94
915 Stewart Tyreece ..... +763-3554 94
915 Bonner Angela A 763-9815 93
917 Vereen Brenda Ann 762-8514 93
918 Waddell Pamela 763-0633 91
1003 Mitchell R 762-9182 86
1004 Allen Nicole ..... +343-2978 94
1007 Maddox Donna ..... +763-3959 94
1009 McMillan Robert 763-3006 90
1013 Nixon Mary Elizabeth ..... +763-8728 94
1015 Bass Tiansi A ..... +251-7670 94
1019 Reid Natalie ..... +341-3048 94
1019 Reid Ricky ..... +341-3048 94
1102 Campbell T Rev 762-6479 86
1102 ★T's Carpet & Rug Clng ..... +763-0012 94
1103 Harkless Moses 343-8082 92
1104 McClammy Jas ..... 763-1117 --
3-BUS 40-RES 13-NEW

ENGLEWOOD DR 28409
From Oleander Dr s, 1 e of Brenda Dr

213 Reeves Eric Mrs 791-3749 89
217 Long James Thomas 791-6709 75
228 Hardison Rossie Sr 791-2618 73
231 ★All Saint's Episcopal Church 1928 Book Of Common Prayer 395-1686 92
302 Allard J W ..... 791-2592 --
305 Long Edna 791-3532 90
305 Long G C ..... 791-3532 --
306 Lewis Mike ..... +452-9115 94
310 Wilson Bill ..... +799-3219 94
313 Johnson Maurice F 799-1419 77
314 Willis Charlie Capt 395-0851 85
317 Saleeby Wm M ..... 791-3518 --
318 Lee William Kim 392-4436 91
321 Hardee S S 392-7264 89
322 Faulk Brian ..... □395-2062 94
322 Faulk D R ..... 791-1148 --
325 Thackston Donald ..... □791-9565 94
327 Sloan David 452-4421 91
333 Wright Cynthia 392-2122 90
337 Marshburn Eliza 799-2967 89
341 Smith Beatrice J Pastor 392-7225 91
1-BUS 20-RES 2-NEW

ENTERPRISE BLVD NE (R R 1 Leland NC) 28451

2000 ★Victaulic Company Of America 371-5588 90
2045 ★Brunswick Community College Industrial Education Cntr 371-2400 91
2050 ★Coastal Carolinas Health Alliance ..... +371-0686 94
2080 ★Caterpillar-Leland Transmsn Facility 371-3300 93
2101 ★Exide Electronics 371-5700 91
5-BUS 0-RES 1-NEW

ENTERPRISE DR (R R 21) 28409

3404 ★Audiocraft Electronic Svc Ctr 452-9272 93
1-BUS 0-RES 0-NEW

ERIN CT 28403
From Greenville Ave north

1906 Peterman Gene 452-4302 91
1908 Edwards Ann W 392-4859 93
1910 Drummond Meridth ..... □452-5441 94
0-BUS 3-RES 0-NEW

ESSEX DR 28403
From Wrightsville Ave s to Park Ave, 2 e of Country Club Rd

1101 Simeone Albert J ..... 762-1381 --
1102 Reid Donald M Jr ..... 763-9776 --
1106 Culbreth Ethan E 762-2941 93
1106 Culbreth Stephen E 343-8583 78
1110 Clark Laura 343-8592 90
1110 Clark Robert D 762-7314 77
1114 Stanley Louis W Sr 763-5513 77
1118 Kelly Newton J ..... 762-2330 --
1121 Lewis Calvin E ..... □762-5065 94
1122 Blair W J III 762-5913 88
1125 Bullard Holly 762-5749 93
1125 Bullard Wayne 762-5749 93
1126 Swink Douglas W ..... 763-7922 --
1129 King Wm J Lt Col ..... 762-2784 --
1201 Murray Malcolm T ..... 763-6333 --
1202 Bryan James S 763-2348 93
1203 Hines P ..... +251-0780 94
1205 Forehand W J Jr ..... 763-8573 --
1206 Southerland Daniel P 763-9561 80
1206 Southerland Pate 763-9561 83
1209 Merritt J A S ..... +762-3937 94
1209 Merritt John D ..... +762-6621 94
1210 Moore Vance T Jr 763-1309 76
1213 Waters O W Jr ..... 762-8968 --
1218 ★Carolina Roses 763-4901 80
1218 ★Harriss C Johnson 763-4901 81

STREET NOT LISTED

EMORY 28405

From E Stewart Cir e, s & e to 30th St, 1 s of Spaulding Dr

603	Smith Alice	763-1913	83
604	DeBose Gloria	251-9156	89
605	Baker Daisy	763-1985	89
606	Davis Judy B	343-1331	86
609	Levine Marion T	762-0320	87
615	Dreher Gwen	763-7680	87
702	David Jacqueline	251-9458	89
705	Boney Barbara A	+763-5154	90
706	Roundtree Diane	762-1419	80
709	Lewis Darryl	+762-2042	90
710	Hines Michelle	+343-0646	90
714	★Creekwood South Community Watch	763-7693	85
714	★Housing Authority Of Wilmington Devlopment Mgrs & Recreation Offices Creekwood South	341-7718	76
721	Bryant Minnie	762-4879	75
721	Riley Sue Elizabeth	762-4879	79
804	Williams James E	+343-1931	90
805	Debose Robin	+762-2973	90
806	Lewis Shirley	762-0332	87
808	Smith Dorothy	+762-0310	90
901	Williams Joan	762-1927	87
903	Taylor Mary M	763-6621	85
906	Jones Frances	+762-2950	90
907	Stewart Juanika	+762-5954	90
909	Darnell Violet Mrs	763-3713	81
913	Charles Mary Lee	762-5978	85
917	Brown Edith	+343-1019	90
918	Temoney Dentral	□762-7843	90
1003	Mitchell R	762-9182	86
1005	Patrick Janie	763-3968	87
1005	Patrick Vernon	763-3968	87
1007	Flowers Ida K	762-2129	88
1008	Davis Carolyn	343-9955	88
1009	McMillan Robert	+763-3006	90
1010	Dukes Beatrice	251-8939	89
1010	Dukes Noland Anthony	+763-8173	90
1012	Tyson Andria P	□763-7258	90
1019	Moore Terry	□343-9495	90
1102	Campbell T Rev	762-6479	86
1104	McClammy Jas	763-1117	--
1105	Pierce Lucy	763-7515	80

2-BUS 38-RES 11-NEW

STREET NOT LISTED

1986 EMORY ST-A
SOURCE: POLKS

EMORY ST —FROM 501 N 30TH NORTHWEST 1 NORTH OF PRINCESS PL

ZIP CODE 28405
601 Walsh Carolyn
602 Rivers Helen
603 Smith Alice G 763-1913
604 Debose Gloria
605 No Return
606 Davis Judy D Mrs 343-1331
607 Smith Ruby M 763-1086
608 Spain Norma
609 Bennett Thelma S Mrs 763-7531
611 Palmer Brenda F
613 Thames Edna
615 Sneed Betty
617 Vacant
619 Jones Terry N 762-8927
621 Parker Mary S
623 Dowd James
701 Washington Florence 762-5175
702 Manning Lillie B 763-3983
703 Vacant
704 Williams Clyde 762-7669
705 Hinson Thos S
706★Moore Wagus Jr
707★Yarborugh Jannie
708 Frazier Oliver 763-3092
709 Vacant
710 King Delores J 763-6315
711 No Return
712 Keallon Gardner 343-9436
713★Mott Sara 762-7540
714 Creekwood South Recreation Center 763-2701
715 Horne Jacob D Jr
717 Knox Betty
719 Sheftall Dorothy 343-0137
721 Bryant Minnie Mrs 762-4879
723 Debose Doris Mrs 763-2888
801★Maloy Letcie 343-8641
802 Bruce Amos 762-6807
803 Walls Leroy 763-2492
804 Austin Lillian E 763-5548
805 Rhames Willie M 762-0951
806 Lewis Shirley
808★Meadows Della
809 Vacant
810 Session Annie M 763-8181
811 Smith Helen H Mrs 763-7677
812 No Return
813 Jones Dorothy R Mrs
815★Davis Vonny 343-0935
901★Williams Eleanor
902 Bryant Anna B © 762-5612
903★Taylor Mary M 763-6621
904 Vacant
905 Corbett Jas B
906 Godwin Brenda 762-3076
907 Cooper Teresa E Mrs 763-4737
908 Bethune Neil 763-4544

1986 EMORY ST-B
SOURCE: POLKS

EMORY ST—Contd
909 Point Violet R 763-3713
910 Conyers Lonnie
911 Campbell Shirley
912 Randolph Peggy L
913 Charles Jessica 762-5978
914 Mitchell Ethel
915 Charles Connie
★Brown Jacqueline 763-8777
916 Davis Sarah 799-1586
917 Brown Edith
918 Williams Mary A
919 Lewis Joan C Mrs 763-7759
920 Mc Duffie Shirley 762-5763
922 London Jacqueline B Mrs 763-7486
924 Tate Felicia
1001 Robinson Dolly 343-0410
1002 No Return
1003 Johnson Cynthia 799-8146
1004 Parker Janice
1005 No Return
1006 Caldwell Dorothy M
1007 James Ruby Mrs
1008 Barnes Beverly
1009 Vacant
1010 Point Gail
1011 Waddell Eliz 763-8602
1012 Tyson Andria P 763-7258
1013 Murphy Theo 763-6543
1014 Hamilton Ethel R 762-3895
1015 Collins Deborah D 762-6902
1016 Grady Dollie A
1017 Riley Rosie Mrs 762-5309
1018 Roland Rosalee
1019★Moore Rebecca
1101 Rochelle Robt E
1102 Campbell T B © 762-6479
1103 No Return
1104 Mc Clammy James A © 763-1117
1105 Pridgen Lucy M Mrs © 763-7515

1986 HURST ST

SOURCE: POLKS

STREET NOT LISTED

1981 EMORY ST-A

SOURCE: HILLS

ELLIOTT DR—Contd
120 Clemmons Norman © 791-1131
124 Neely Ethel H Mrs © 791-9651
131 Brookfield Church Of God 799-3483
135 Babb Jane Thompson

30

ELM ST (SUMMER HILL)—FROM LAKE SHORE DR SOUTHEAST 1 EAST OF S FRONT

ZIP CODE 28401
ALABAMA AV INTERSECTS
2006 Vacant
2011★Male Rich E Jr
2015★Ellis Homer © 762-1405
2019 Walker Geo H © 762-7629

134

EMBASSY CIR —FROM APPLETON WAY SOUTH

ZIP CODE 28401
LOTS
305 Bordeaux Wm J © 799-2700
320 Monroe John S Jr 799-8134
324 Yedlicka James F 791-9100
325★Hughes Robt K © 392-2461

38

EMERSON ST —FROM 252 S KERR AV WEST 1 SOUTH OF MARKET

ZIP CODE 28401
S C L RR CROSSES
4102 Dillard Paper Co Of Wilmington Inc 791-4606

170

EMILY ST (SEITTER ACRES)—FROM CARL SEITTER DR NORTH 4 WEST OF CASTLE HAYNE DR

ZIP CODE 28401
506 Hundley Bernard T Jr © 763-6056
507 Harrell Fredk R © 763-8014
510 Duncan Michl A © 762-4923
511 Smith Johnny M © 343-1826

25

EMORY ST —FROM 501 N 30TH NORTHWEST 1 NORTH OF PRINCESS PL

ZIP CODE 28401
601★Walsh Carolyn
602★Rivers Helena 762-0513
603★Harrison Ronald
604 Vacant
605★Haynsley Jennifer
606 No Return
607 Smith
608 Spain Norma 763-0698
609 Bennett Thelma S Mrs 763-7531
611★Bass Christine
613★Thames Edna 768-3213
615 No Return
617 Green Annie
619 No Return
621 Parker Mary S 763-2808
623 Dowd James 762-0399
701 Washington Flo 762-5175
702 Manning Lillie B 763-3983
703★Williams James 763-6064
704 No Return
705 Hinson Thos S
706 Roundtree Diane 762-6912
707 No Return
708★Dent Carolyn 762-2807
709 Price Kenneth 762-7595
710 King Delores J 762-4634
711★Mott Beverly
712★Kellon Gardner
713★Wells Geraldine
714 Creekwood South Recreation Center 763-2701
715 Horne Jacob D Jr
717 Knox Betty
719 Sheftall Dorothy 343-0137
721 Bryant Minnie Mrs 762-4879
723 Debose Doris Mrs 763-8804
801 Watson Katie L Mrs 763-6413
802 Bruce Jean
803 Walls Leroy 763-2492
804★Austin Lillian J 763-5548
805 Rhames Willie M 762-0951
806 Lewis Shirley L 762-7297
807 No Return
808 No Return
809 Ellerby Sallie 763-6070
810 Session Annie M
811 Smith Helen H 763-7677
812 Clay Elsie E
813 Jones Dorothy Mrs
815 No Return
901 Williams Joann
902 Bryant Anna B ©
903 Taylor Mary 343-8524
904★Willis Linda T 343-9873
905 Corbett Jas B
906 Hockaday Wm
907 Cooper Teresa E 763-4737
908 Bethune Neil
909★Darnell Violet Mrs 763-3713
910 Murry Delores 769-1767
911 No Return
912 Hardee W R 762-7336
913 Pearsall Carol 762-8837
914★Mitchell Lewis J 763-6234
915 Dorsey Ruth
916 Davis Sarah
917 Cogdell Gladys L Mrs
918★Williams Mary A
919 Lewis Joan Mrs 763-0552
920 Flowers Ludie 763-3410
922 Barfield Jackie 343-0898

EMORY ST—Contd

924 Tate Kate 343-1726
1001 Pollock Gloria 762-5392
1002 Jenkins Barbara
1003 Bivins Cath Mrs 736-4018
1004 No Return
1005 Shaw Jane 343-9617
1006 Caldwell Dot M
1007 James Ruby Mrs
1008 Barnes Beverly
1009 No Return
1010 Washington Jas
1011★Waddell Eliz 763-8602
1012 Tyson Andria 763-7258
1013 Fowler Will
1014 Hamilton Ethel R 762-3895
1015★Thomasson B O
1016 Nixon Joyce 343-0786
1017 Riley Rosie Mrs 762-5309
1018 Roland Rosalee 763-5095
1019 Green Mary L 763-5651
1101★Rochelle Robt E
1102 Campbell Theassuar B Rev 762-6479
1103 Taylor Norman J ◎
1104 Mc Clammy James A ◎ 763-1117
1105 Pridgen Lucy ◎ 762-1330

STREET NOT LISTED

EMORY ST —FROM 501 N 30TH NORTHWEST 1 NORTH OF PRINCESS PL

ZIP CODE 28401

601★Garrett Joseph A 763-5608
602 Vacant
603 Vacant
604★Cummings Edna J
605★James Amy L
606★Lowe Maggie 762-1764
607 Josey Virginia 762-4615
608 Spain Norma 763-7112

EMORY ST—Contd
609 Bennett Thelma S Mrs
611★Harker Geo H 762-0121
613 Vacant
615 Cochran Betty
617 Vacant
619 Thames Edna
621 Parker Mary S 763-2808
623 Dowd James
701 Washington Florence 762-5175
702 Davis Harry
703 Walsh Carolyn Mrs 763-0297
705 Hinson Thos S 762-2807
706★Long Willie M 763-1482
707 Parker Janie B 762-7944
709 Carter Shirley 762-4202
711★Frazier Doris 762-3614
712 Vacant
713 Mitchell E 762-4865
715 Horne Jacob D Jr
717 Shannon Christine 763-7766
719 Sheftall Dorothy 343-0137
721 Bryant Minnie Mrs 762-4879
723 Debose Doris Mrs 763-8804
801 Watson Katie L Mrs 763-6413
802 No Return
803 Smith Sherri
804★Pridgen Dorothy M
805★Rhames Willie M 762-0951
806 Lewis Shirley L 762-7297
807 Jones Margarie Mrs 763-6196
808 Lacewell Veronica
809 Ellerby Sallie
810★Session Annie M 762-2537
811 Smith Helen H 763-7677
812★Clay Elsie E
813 Long Kimmie
815 Vacant
901 Gardner Sherlyn 763-5654
902 Smith
903 Taylor Marg
904 Sidbury Lucretia 762-1228
905 Faison Hattie 763-0658
906 Gause Doreen 762-3083
907★Cooper Teresa E 763-4737
908 Cooper Debra
909★Thompson Jesse A 762-1141
910 Murry Delores 762-3282
911 Thomasson B O 762-1141
912★Carr Ida M 763-7067
914 James Louise
915 Riley Judith 762-5870
916 Vereen Wanda 762-6403
917 Cogdell Gladys L Mrs 763-9559
918 Blanks Edith Mrs
919 Lewis Joan Mrs 763-9354
920 Vacant
924 Tate Kate 763-2721
1001 Pollock Gloria 762-5392
1002 Tankard Fred 783-6980
1003 Bivins Cath Mrs 762-1746
1004★Abbott Anne E 762-2343
1005 Davis Vonnie Mrs
1006 No Return
1007 James Ruby 762-5761
1008 Barnes Beverly
1009 Dudley Adolph 762-1458
1010★Mc Rae John 762-1987
1011 Waddell Eliz 763-8602
1012 Tyson Andria 763-7258
1013★Milledge Patricia S
1014 Jones Louise 763-6395
1015★Fowler Billy D
1016 Nixon Joyce Mrs
1017 Riley Rosie Mrs 762-5309
1018★Roland Rosalee 763-5095
1019 No Return
1101 Williams Eddie L ◎
1102★Campbell Theassuar Rev 762-5575
1103 Brisbon Patricia 3 ◎ 763-1341
1104 Mc Clammy James A ◎ 763-1117
1105 Pridgen Lucy ◎ 762-1330

ENGLEWOOD DR —FROM 5335 OLEANDER DR SOUTH 1 EAST OF BRENDA DR

ZIP CODE 28401
209 Saunders Herbert G 799-2707
213 Millis Nettie Mrs ◎ 791-3749
217 Long James T ◎ 791-6709
224 Walker Earl E ◎
228 Hardison Rossie P ◎ 791-2618
302 Allard Joseph W ◎ 791-2592
305 Long Geo C ◎ 791-3532
306 Debose Laurie E ◎ 791-7279
309 Sidbury Martha Mrs ◎ 791-2532
310 Wood Norwood S ◎ 791-3453
313 Johnson's Well Drilling
Johnson Maurice F ◎ 791-2675
314 Picone Battista J ◎ 791-3754
317 Saleeby Wm M ◎ 791-3518
318 Lee Wm C ◎ 791-2663
321 Hardee Sherrell S ◎ 791-2429
322 Faulk Dewey R ◎ 791-1148
325 Douglas
326 Craven J Ray ◎ 791-2591
333 Williams Clayton ◎
337 Marshburn Abram L Jr ◎ 799-2967
341★Gurganus Bobby D ◎ 799-2127

ENTRANCE ST —FROM 1811 COLWELL AV NORTH

ZIP CODE 28401

ESSEX DR —FROM WRIGHTSVILLE AV SOUTH TO PARK AV 2 EAST OF COUNTRY CLUB RD

ZIP CODE 28401
1101 Simeone Albert J Jr ◎ 762-1381
1102 Reid Donald M ◎ 763-9776

1976 HURST ST

SOURCE: HILLS

STREET NOT LISTED

1971 EMORY ST

SOURCE: HILLS

STREET NOT LISTED

1971 HURST ST

SOURCE: HILLS

STREET NOT LISTED

1967 EMORY ST

SOURCE: HILLS

STREET NOT LISTED

1967 HURST ST

SOURCE: HILLS

STREET NOT LISTED

1963 EMORY ST

SOURCE: HILLS

STREET NOT LISTED

1963 HURST ST

SOURCE: HILLS

STREET NOT LISTED

1960 EMORY ST

SOURCE: HILLS

STREET NOT LISTED

1960 HURST ST

SOURCE: HILLS

STREET NOT LISTED

1956 EMORY ST

SOURCE: HILLS

STREET NOT LISTED

1956 HURST ST

SOURCE: HILLS

STREET NOT LISTED

1947 EMORY ST

SOURCE: HILLS

STREET NOT LISTED

1947 HURST ST

SOURCE: HILLS

STREET NOT LISTED

1943 EMORY ST

SOURCE: HILLS

STREET NOT LISTED

1943 HURST ST

SOURCE: HILLS

STREET NOT LISTED

1942 EMORY ST

SOURCE: HILLS

STREET NOT LISTED

1942 HURST ST

SOURCE: HILLS

STREET NOT LISTED

1940 EMORY ST

SOURCE: HILLS

STREET NOT LISTED

1940 HURST ST

SOURCE: HILLS

STREET NOT LISTED

1934 EMORY ST

SOURCE: HILLS

STREET NOT LISTED

1934 HURST ST

SOURCE: HILLS

STREET NOT LISTED

1930 EMORY ST

SOURCE: HILLS

STREET NOT LISTED

1930 HURST ST

SOURCE: HILLS

STREET NOT LISTED

1926 EMORY ST

SOURCE: HILLS

STREET NOT LISTED

1926 HURST ST

SOURCE: HILLS

STREET NOT LISTED

PSR
PHYSICAL SETTING REPORT

Property Information

Order Number:		23040400848p
Date Completed:		April 5, 2023
Project Number:		49-20024
Project Property:		Creekwood South 714 Emory Street Wilmington NC 28405
Coordinates:		
	Latitude:	34.24792107
	Longitude:	-77.9074409
	UTM Northing:	3793470.73341 Meters
	UTM Easting:	232244.220814 Meters
	UTM Zone:	UTM Zone 18S
	Elevation:	25.30 ft
	Slope Direction:	W

Topographic Information....2
Hydrologic Information....10
Geologic Information....13
Soil Information....15
Wells and Additional Sources....26
Summary....30
Detail Report....32
Radon Information....35
Appendix....36
Liability Notice....38

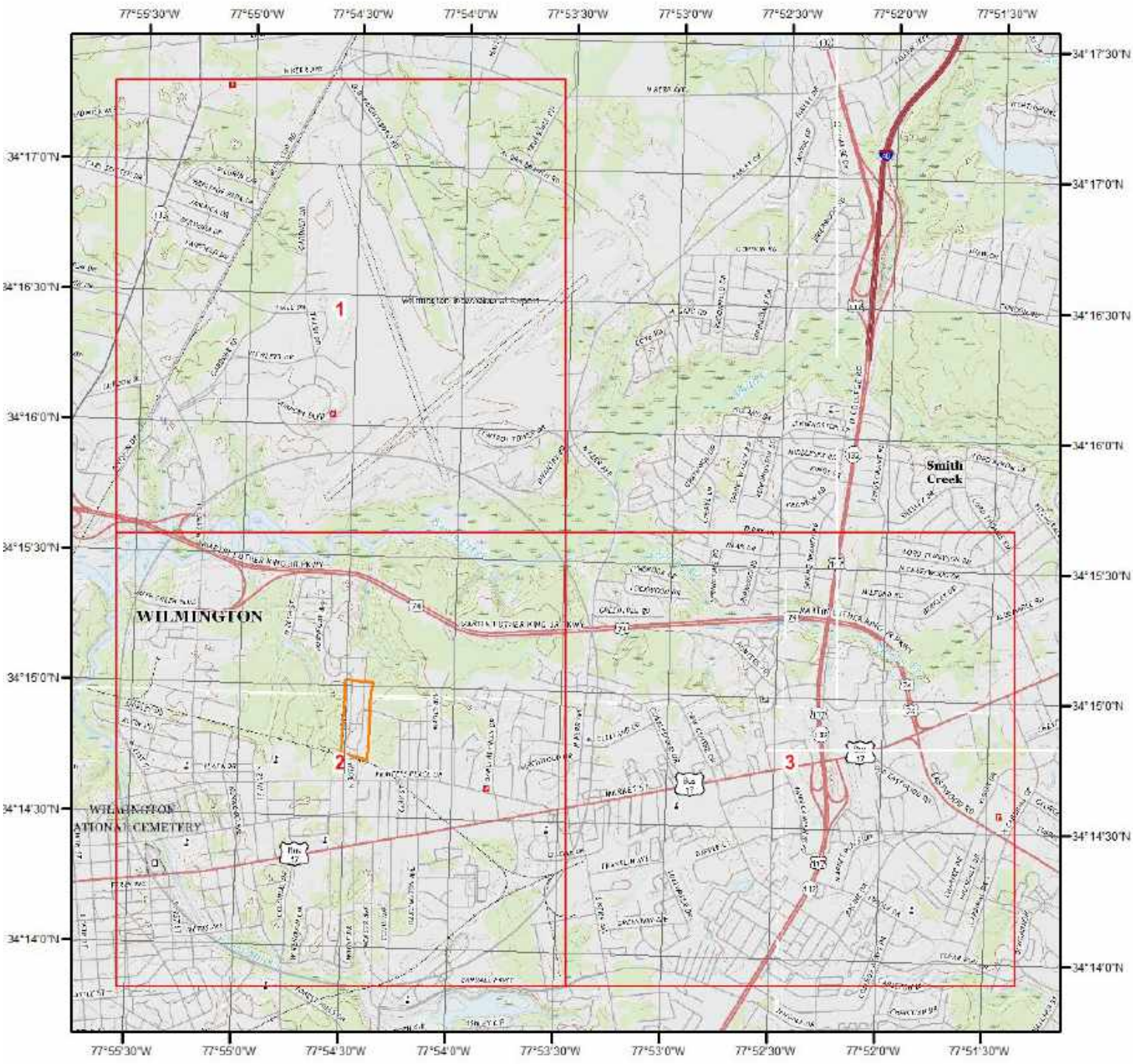
The ERIS ***Physical Setting Report - PSR*** provides comprehensive information about the physical setting around a site and includes a complete overview of topography and surface topology, in addition to hydrologic, geologic and soil characteristics. The location and detailed attributes of oil and gas wells, water wells, public water systems and radon are also included for review.

The compilation of both physical characteristics of a site and additional attribute data is useful in assessing the impact of migration of contaminants and subsequent impact on soils and groundwater.

Disclaimer

This Report does not provide a full environmental evaluation for the site or adjacent properties. Please see the terms and disclaimer at the end of the Report for greater detail.

Topographic Information

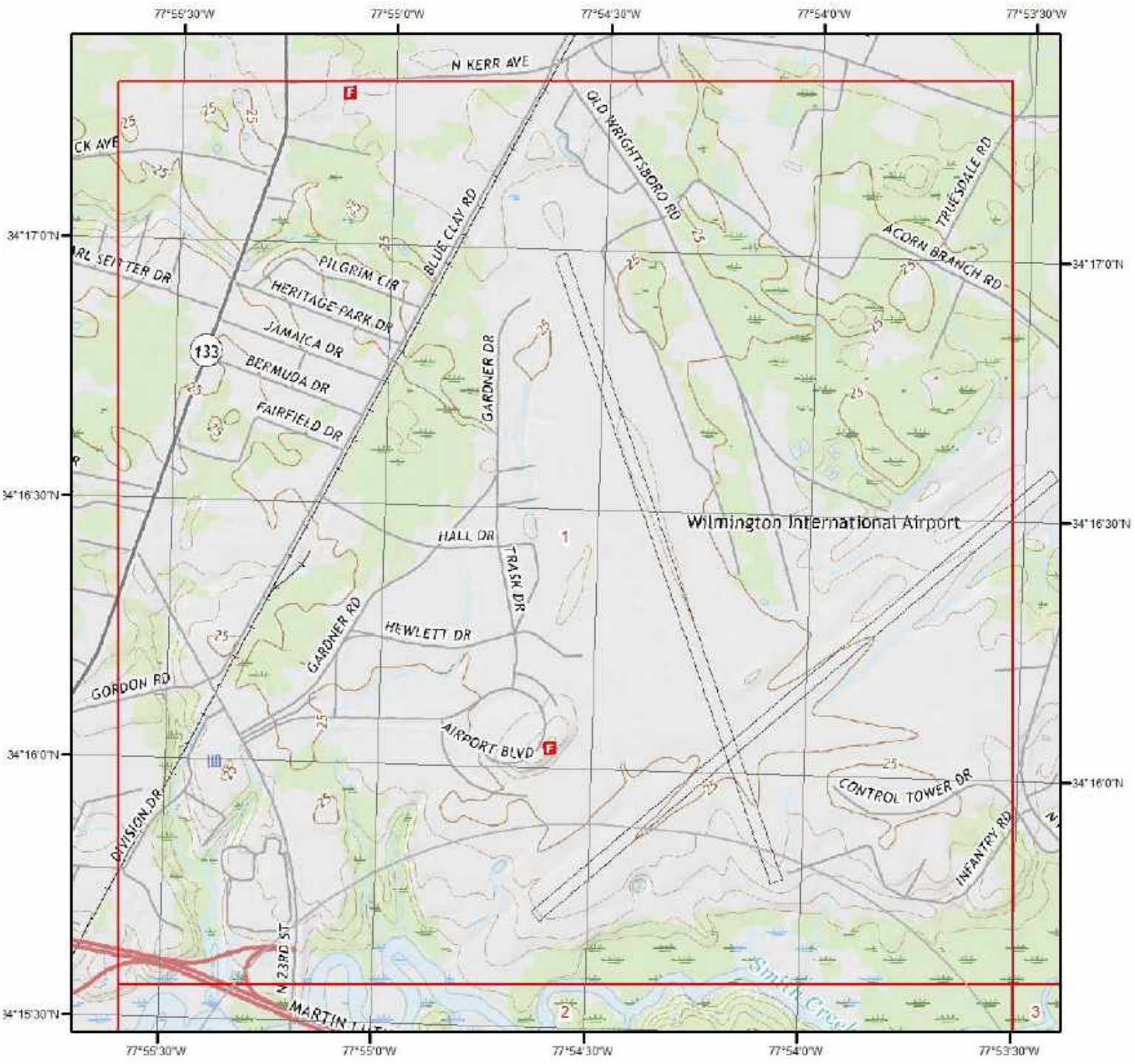


Current USGS Topo (2016)

Quadrangle(s): Castle Hayne,NC; Leland,NC; Scotts Hill,NC; Wilmington,NC; Wrightsville Beach,NC

Source: USGS 7.5 Minute Topographic Map

Topographic Information

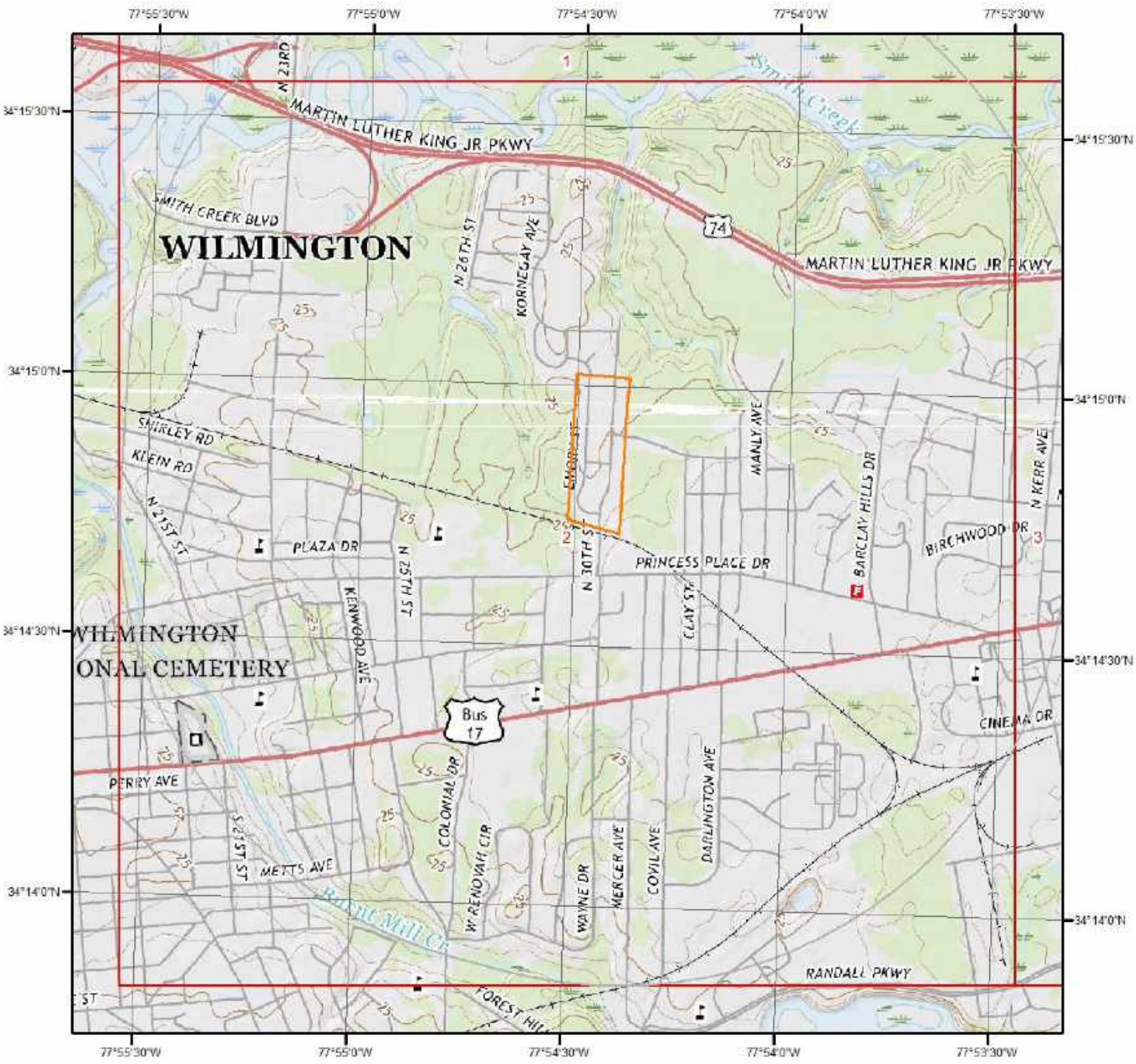


Current USGS Topo - Page 1

Quadrangle(s): Castle Hayne,NC

Source: USGS 7.5 Minute Topographic Map

Topographic Information



Current USGS Topo - Page 2

0 0.2 0.4 0.8 Miles

N

Quadrangle(s): Castle Hayne,NC; Wilmington,NC

Source: USGS 7.5 Minute Topographic Map

Topographic Information



Current USGS Topo - Page 3

Quadrangle(s): Castle Hayne,NC; Scotts Hill,NC; Wilmington,NC; Wrightsville Beach,NC

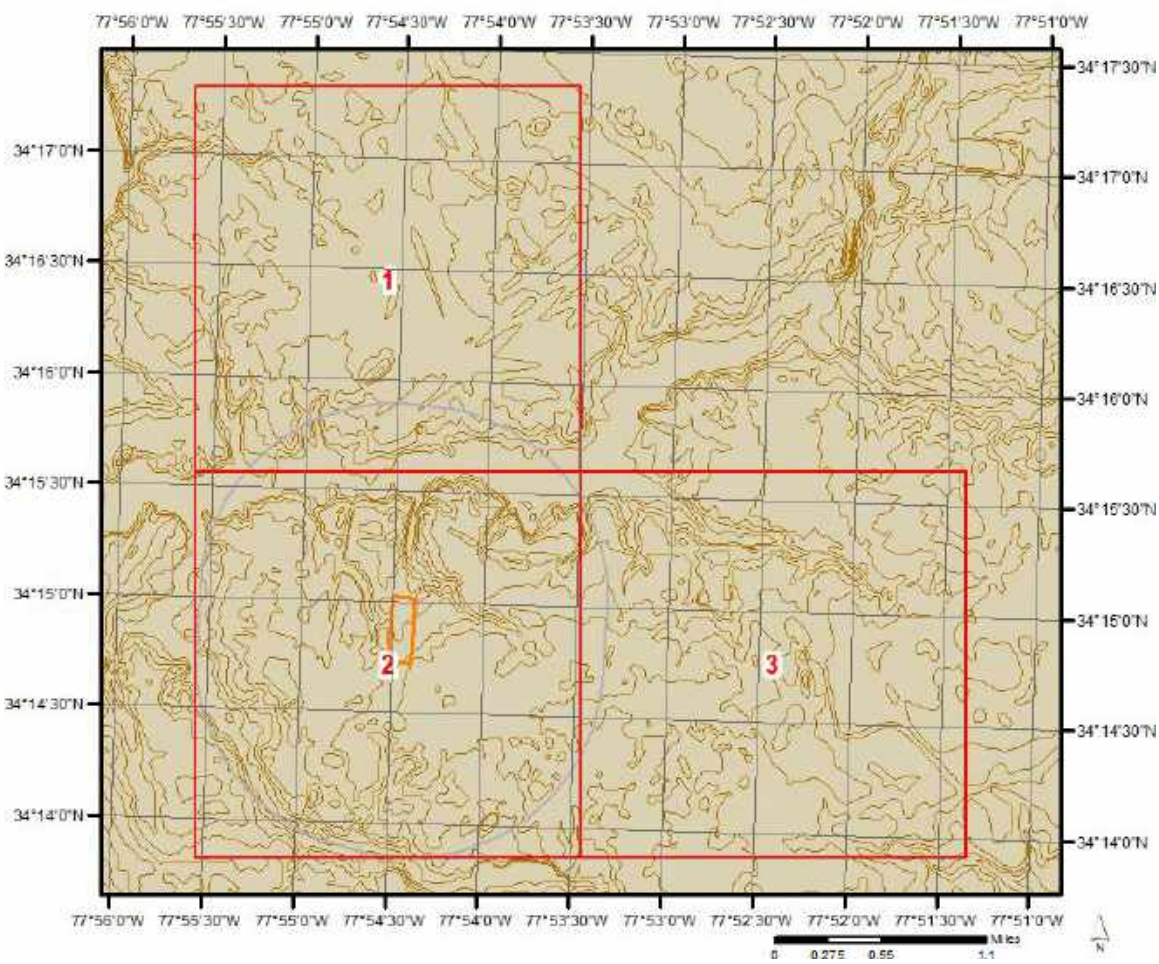
Source: USGS 7.5 Minute Topographic Map

Topographic Information

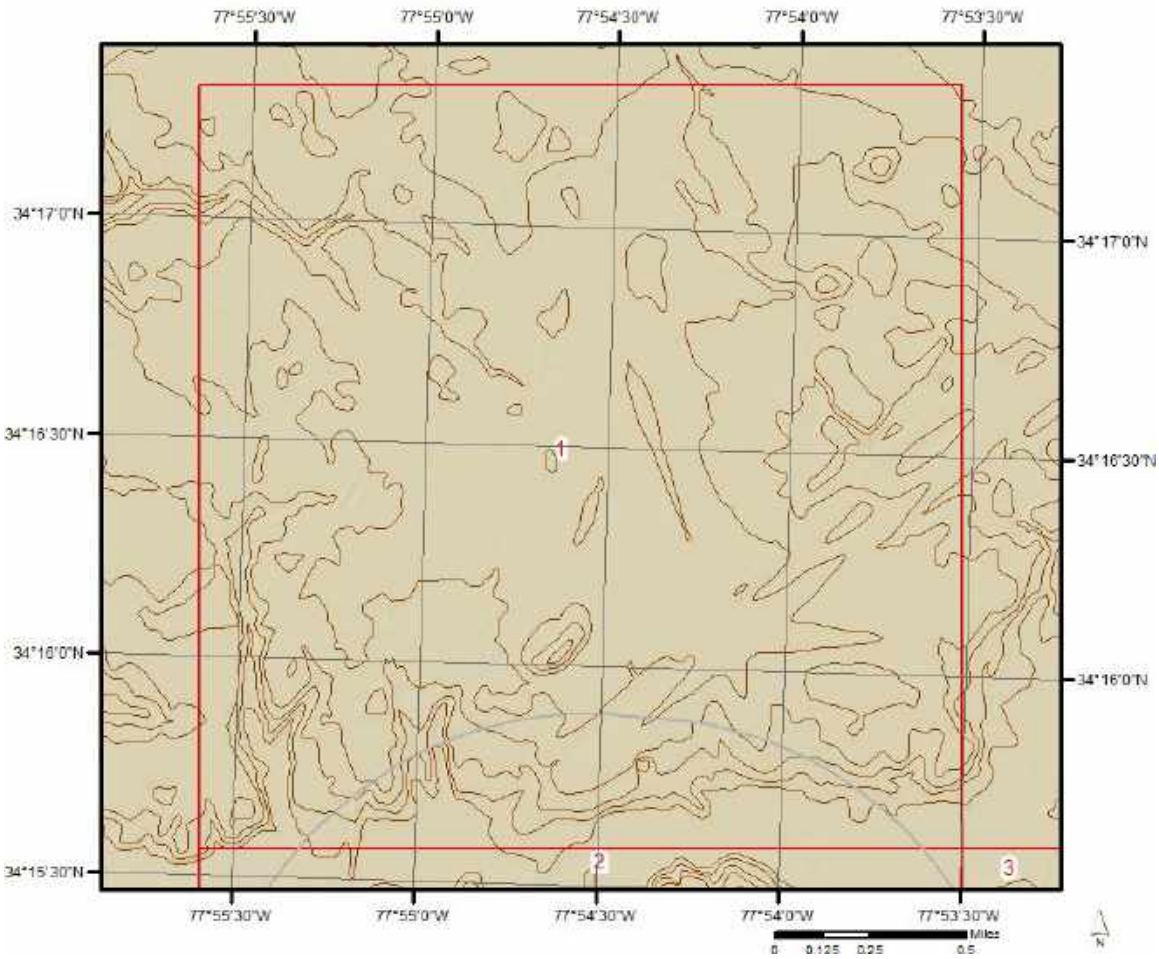
The previous topographic map(s) are created by seamlessly merging and cutting current USGS topographic data. Below are shaded relief map(s), derived from USGS elevation data to show surrounding topography in further detail.

Topographic information at project property:

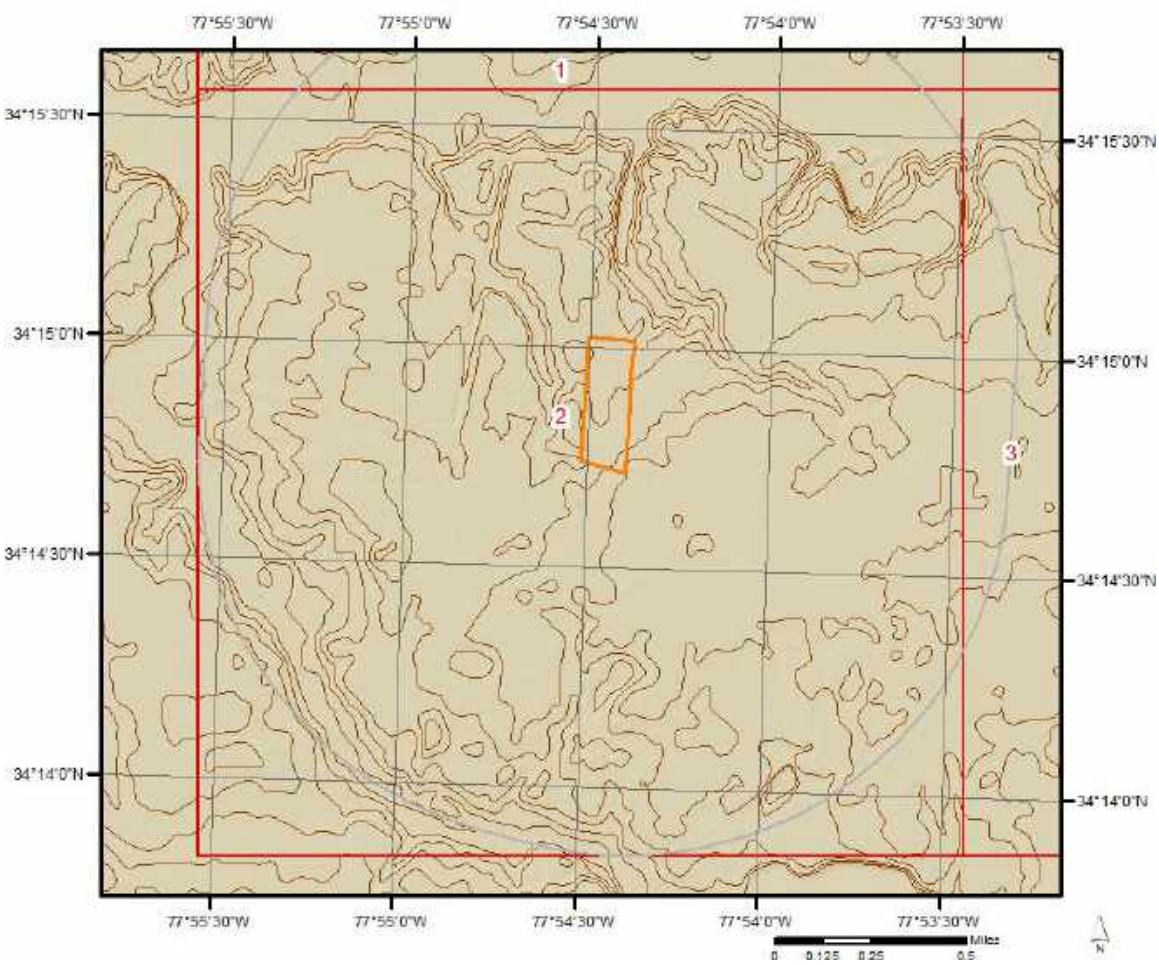
Elevation:	25.30 ft
Slope Direction:	W



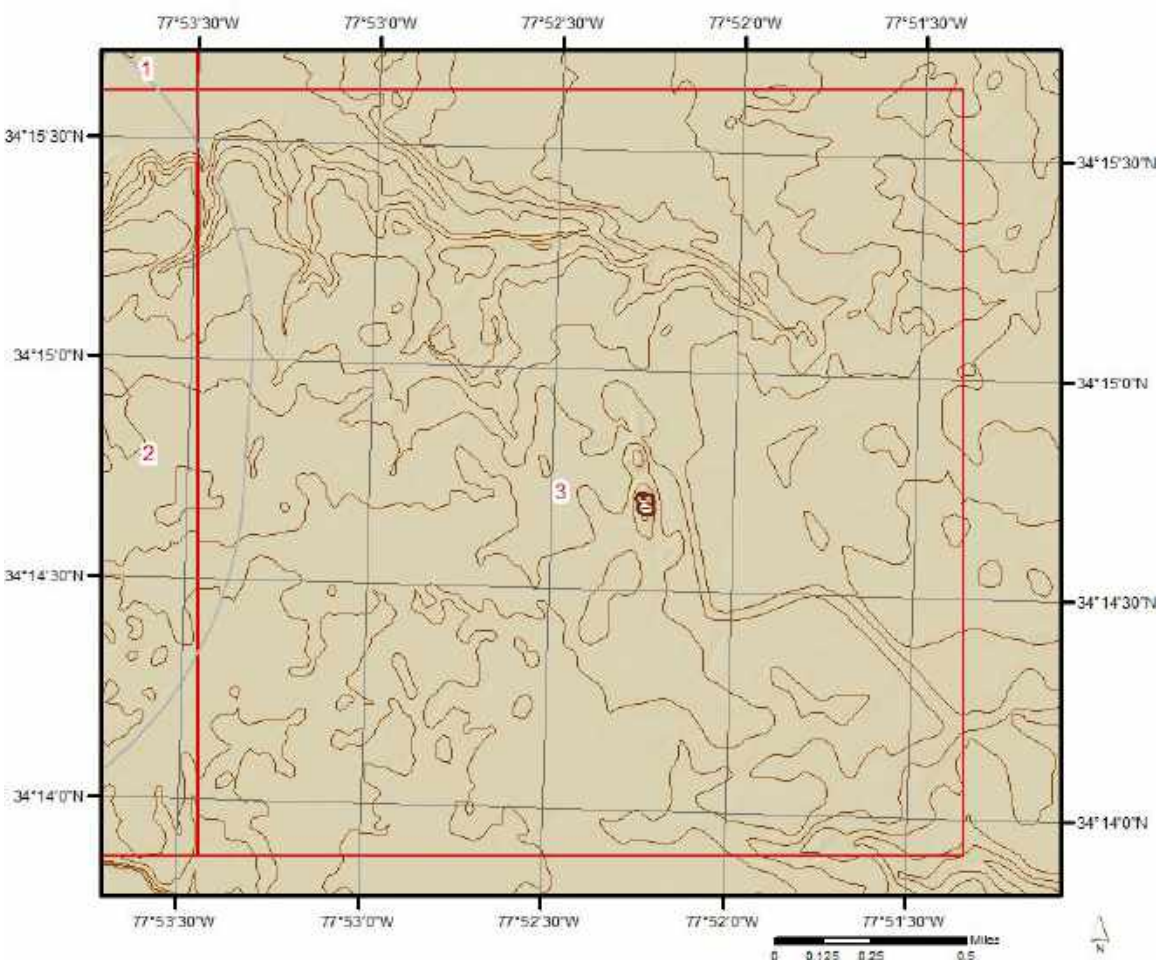
Topographic Information



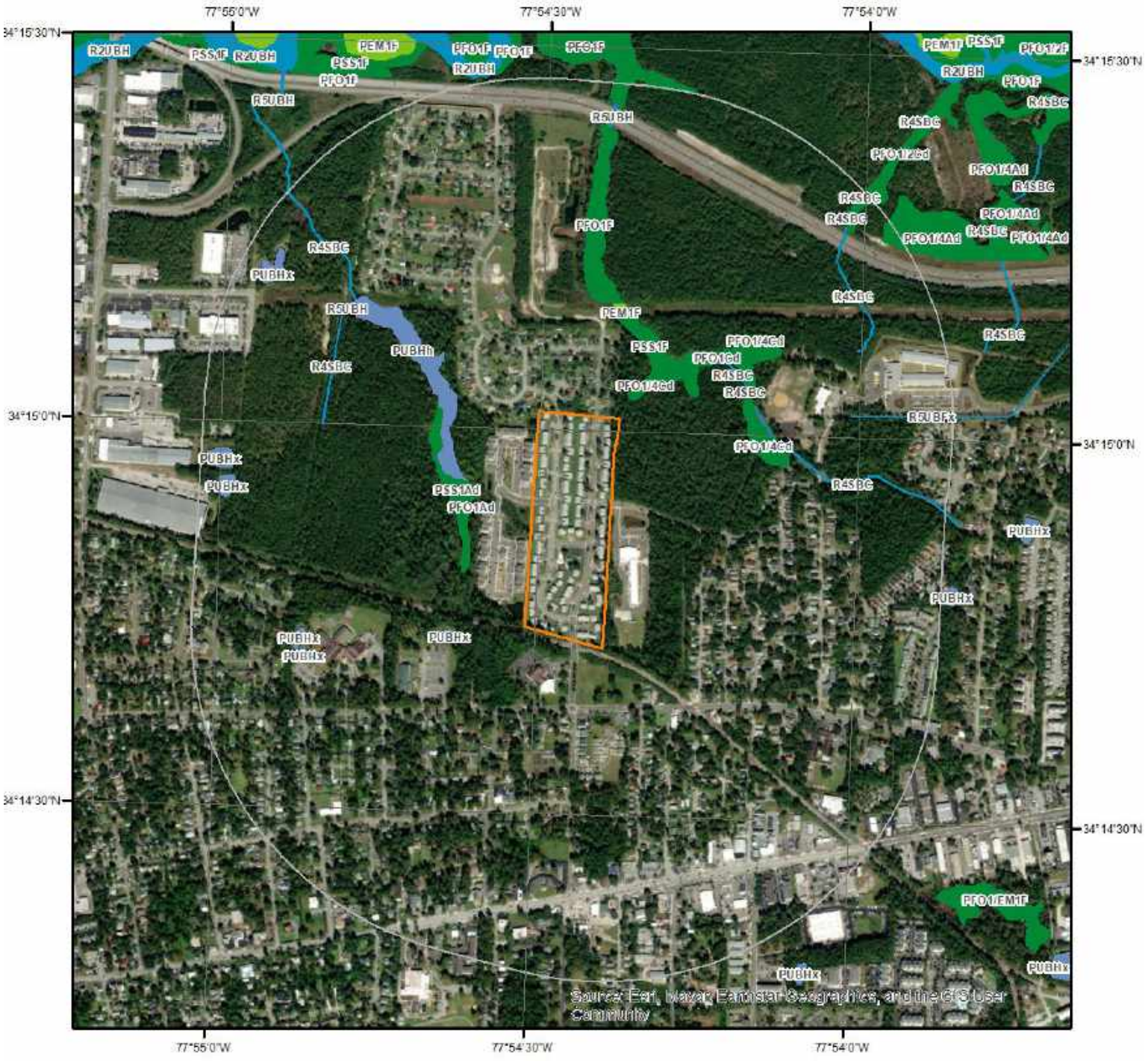
Topographic Information



Topographic Information



Hydrologic Information



Wetland

Miles
0 0.075 0.15 0.3

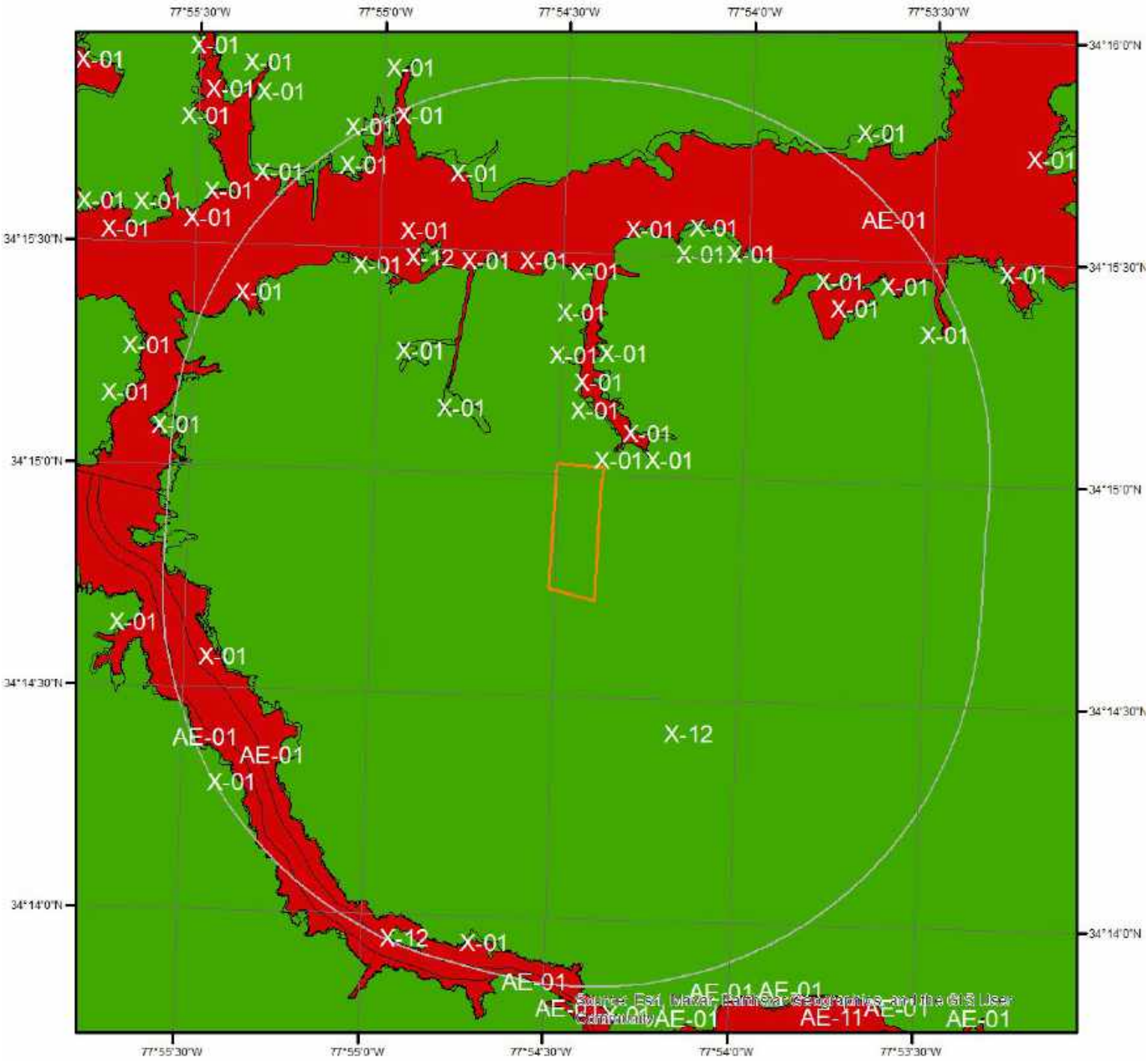
N

This map shows wetland existence using data from US Fish & Wildlife.
Data coverage is shown to the right. Gray indicates no data available in the area.

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

ERIS

Hydrologic Information

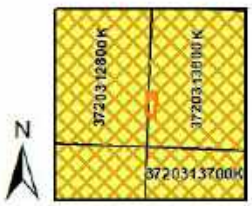


Flood Hazard Zones

Miles
0 0.2 0.4

This map shows FEMA flood hazard zones. FIRM panels are shown to the right, and blank indicates no data is available.

A	AO	X
A99	V	OPEN WATER
AE	VE	NOT POPULATED
AH	D	AREA NOT INCLUDED



Quadrangle(s): Castle Hayne,NC; Leland,NC; Scotts Hill,NC; Wilmington,NC; Wrightsville Beach,NC

ERIS

Hydrologic Information

The Wetland Type map shows wetland existence overlaid on an aerial imagery. The Flood Hazard Zones map shows FEMA flood hazard zones overlaid on an aerial imagery. Relevant FIRM panels and detailed zone information is provided below.
For detailed Zone descriptions please click the link: https://floodadvocate.com/fema-zone-definitions

Available FIRM Panels in area:	3720312800K(effective:2018-08-28) 3720313800K(effective:2018-08-28) 3720312700K(effective:2018-08-28) 3720313700K(effective:2018-08-28)

Flood Zone AE-01

Zone:	AE
Zone subtype:	

Flood Zone AE-11

Zone:	AE
Zone subtype:	FLOODWAY

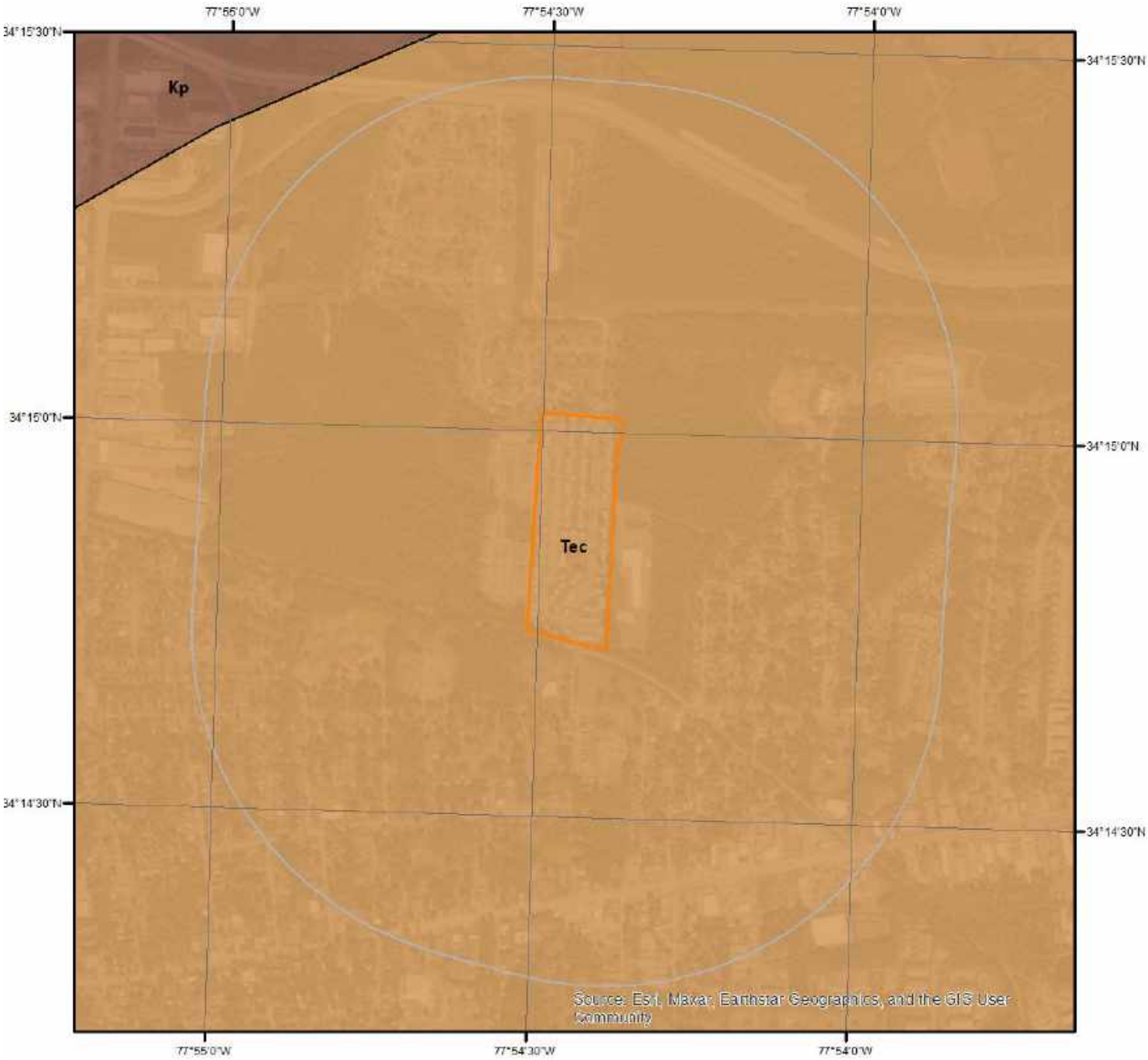
Flood Zone X-01

Zone:	X
Zone subtype:	0.2 PCT ANNUAL CHANCE FLOOD HAZARD

Flood Zone X-12

Zone:	X
Zone subtype:	AREA OF MINIMAL FLOOD HAZARD

Geologic Information



Miles
0 0.275 0.55

N

Geologic Units

This maps shows geologic units in the area. Please refer to the report for detailed descriptions.

ERIS

Miles
0 0.375 0.75

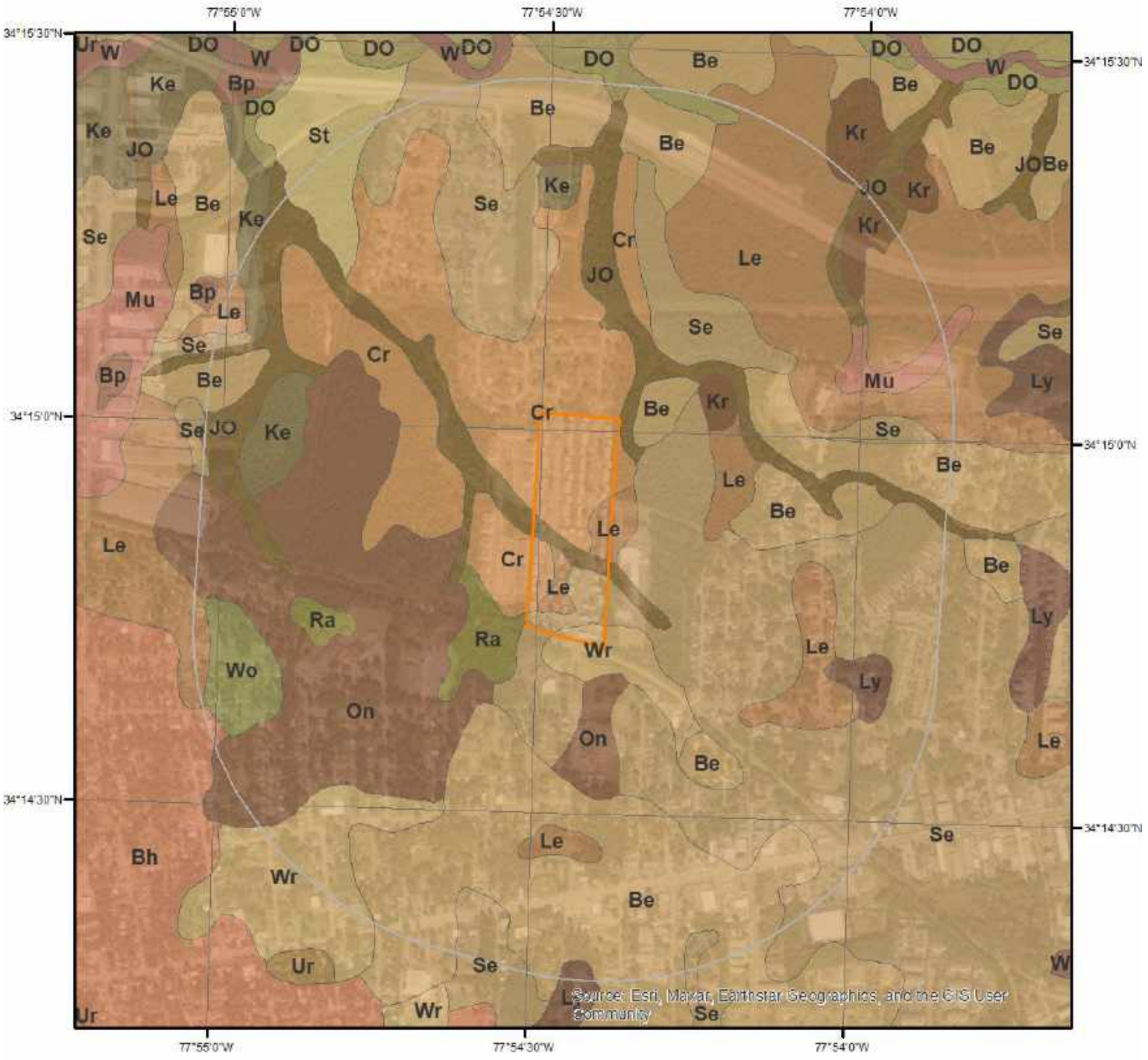
Geologic Information

The previous page shows USGS geology information. Detailed information about each unit is provided below.

Geologic Unit Tec

Unit Name:	Castle Hayne Formation; Comfort Member and New Hanover Member, undivided
Unit Age:	Tertiary
Primary Rock Type:	limestone
Secondary Rock Type:	dolostone (dolomite)
Unit Description:	Comfort Member and New Hanover Member, undivided - Comfort Member: bryozoan-echinoid skeletal limestone, locally dolomitized, solution cavities common. New Hanover Member: phosphate-pebble conglomerate, micritic, thin; restricted to basal part of Castle Hayne Formation in southeastern counties.

Soil Information



SSURGO Soils

0 0.2 0.4 Miles

N

This maps shows SSURGO soil units around the target property. Please refer to the report for detailed soil descriptions.

ERIS

Soil Information

The previous page shows a soil map using SSURGO data from USDA Natural Resources Conservation Service. Detailed information about each unit is provided below.

Map Unit Be (17.93%)

Map Unit Name:	Baymeade fine sand, 1 to 6 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	122cm
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.

Major components are printed below

Baymeade(90%)

horizon A(0cm to 5cm)	Fine sand
horizon E/Bh(5cm to 76cm)	Fine sand
horizon Bt(76cm to 102cm)	Fine sandy loam
horizon C(102cm to 203cm)	Loamy fine sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Be - Baymeade fine sand, 1 to 6 percent slopes

Component: Baymeade (90%)
The Baymeade component makes up 90 percent of the map unit. Slopes are 0 to 6 percent. This component is on low ridges on marine terraces, coastal plains. The parent material consists of loamy and sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 48 inches during January, February, December. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 3s. This soil does not meet hydric criteria.

Component: Lynn Haven (2%)
Generated brief soil descriptions are created for major soil components. The Lynn Haven, undrained soil is a minor component.

Component: Murville (2%)
Generated brief soil descriptions are created for major soil components. The Murville, undrained soil is a minor component.

Component: Leon (2%)
Generated brief soil descriptions are created for major soil components. The Leon soil is a minor component.

Component: Torhunta (2%)
Generated brief soil descriptions are created for major soil components. The Torhunta, undrained soil is a minor component.

Map Unit Bh (14.14%)

Map Unit Name:	Baymeade-Urban land complex 1 to 6 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	122cm
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.

Major components are printed below

Baymeade(45%)

horizon A(0cm to 5cm)	Fine sand

horizon E/Bh(5cm to 76cm)	Fine sand
horizon Bt(76cm to 102cm)	Fine sandy loam
horizon C(102cm to 203cm)	Loamy fine sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Bh - Baymeade-Urban land complex 1 to 6 percent slopes

Component: Baymeade (45%)
The Baymeade component makes up 45 percent of the map unit. Slopes are 0 to 6 percent. This component is on urban land, low ridges on marine terraces, coastal plains. The parent material consists of loamy and sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 48 inches during January, February, December. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 3s. This soil does not meet hydric criteria.

Component: Urban land (40%)
Generated brief soil descriptions are created for major soil components. The Urban land is a miscellaneous area.

Component: Murville (2%)
Generated brief soil descriptions are created for major soil components. The Murville, undrained soil is a minor component.

Component: Lynn Haven (2%)
Generated brief soil descriptions are created for major soil components. The Lynn Haven, undrained soil is a minor component.

Component: Torhunta (2%)
Generated brief soil descriptions are created for major soil components. The Torhunta, undrained soil is a minor component.

Component: Leon (2%)
Generated brief soil descriptions are created for major soil components. The Leon soil is a minor component.

Map Unit Cr (6.39%)

Map Unit Name:	Craven fine sandy loam, 1 to 4 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	61cm
Drainage Class - Dominant:	Moderately well drained
Hydrologic Group - Dominant:	D - Soils in this group have high runoff potential when thoroughly wet. Water movement through the soil is restricted or very restricted.

Major components are printed below

Craven(85%)

horizon Ap(0cm to 18cm)	Fine sandy loam
horizon E(18cm to 23cm)	Fine sandy loam
horizon Bt(23cm to 137cm)	Clay
horizon C(137cm to 203cm)	Sandy loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Cr - Craven fine sandy loam, 1 to 4 percent slopes

Component: Craven (85%)
The Craven component makes up 85 percent of the map unit. Slopes are 1 to 4 percent. This component is on low ridges on marine terraces, coastal plains. The parent material consists of clayey marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 24 inches during January, February. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria.

Soil Information

Component: Bibb (3%)
Generated brief soil descriptions are created for major soil components. The Bibb, undrained soil is a minor component.

Component: Johnston (2%)
Generated brief soil descriptions are created for major soil components. The Johnston, undrained soil is a minor component.

Component: Muckalee (1%)
Generated brief soil descriptions are created for major soil components. The Muckalee, undrained soil is a minor component.

Map Unit DO (1.26%)

Map Unit Name:	Dorovan soils
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	0cm
Drainage Class - Dominant:	Very poorly drained
Hydrologic Group - Dominant:	B/D - These soils have moderately low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Dorovan(80%)

horizon Oe(0cm to 13cm)	Muck
horizon Oa(13cm to 216cm)	Muck
horizon 2Cg(216cm to 241cm)	Loamy sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: DO - Dorovan soils

Component: Dorovan (80%)
The Dorovan component makes up 80 percent of the map unit. Slopes are 0 to 1 percent. This component is on flood plains, coastal plains. The parent material consists of woody organic material. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is very high. Shrink-swell potential is low. This soil is frequently flooded. It is frequently ponded. A seasonal zone of water saturation is at 0 inches during January, February, March, April, May, June, July, August, September, October, November, December. Organic matter content in the surface horizon is about 50 percent. Nonirrigated land capability classification is 7w. This soil meets hydric criteria.

Map Unit JO (3.66%)

Map Unit Name:	Johnston soils
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	0cm
Drainage Class - Dominant:	Very poorly drained
Hydrologic Group - Dominant:	A/D - These soils have low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Johnston(90%)

horizon A(0cm to 76cm)	Mucky loam
horizon Cg1(76cm to 86cm)	Loamy fine sand
horizon Cg2(86cm to 203cm)	Fine sandy loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: JO - Johnston soils

Soil Information

Component: Johnston (90%)
The Johnston, undrained component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on flood plains, coastal plains. The parent material consists of sandy and loamy alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is frequently flooded. It is frequently ponded. A seasonal zone of water saturation is at 0 inches during January, February, March, April, December. Organic matter content in the surface horizon is about 12 percent. Nonirrigated land capability classification is 7w. This soil meets hydric criteria.

Map Unit Ke (1.01%)

Map Unit Name:	Kenansville fine sand, 0 to 3 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	122cm
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.

Major components are printed below

Kenansville(90%)

horizon Ap(0cm to 20cm)	Fine sand
horizon E(20cm to 61cm)	Fine sand
horizon Bt(61cm to 91cm)	Sandy loam
horizon BC(91cm to 107cm)	Loamy sand
horizon C(107cm to 213cm)	Sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Ke - Kenansville fine sand, 0 to 3 percent slopes

Component: Kenansville (90%)
The Kenansville, moderately wet component makes up 90 percent of the map unit. Slopes are 0 to 3 percent. This component is on low stream terraces, coastal plains. The parent material consists of loamy alluvium over sandy alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 48 inches during January, February, December. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 2s. This soil does not meet hydric criteria.

Component: Muckalee (2%)
Generated brief soil descriptions are created for major soil components. The Muckalee, undrained soil is a minor component.

Map Unit Kr (0.79%)

Map Unit Name:	Kureb sand, 1 to 8 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Excessively drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.

Major components are printed below

Kureb(85%)

horizon A(0cm to 8cm)	Sand
horizon E(8cm to 66cm)	Sand
horizon C/Bh(66cm to 226cm)	Sand

Component Description:

Minor map unit components are excluded from this report.

Soil Information

Map Unit: Kr - Kureb sand, 1 to 8 percent slopes

Component: Kureb (85%)
The Kureb component makes up 85 percent of the map unit. Slopes are 0 to 6 percent. This component is on urban land, rims on Carolina Bays, low ridges on marine terraces, coastal plains. The parent material consists of eolian sands and/or sandy fluviomarine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is excessively drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is very low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 7s. This soil does not meet hydric criteria.

Component: Leon (5%)
Generated brief soil descriptions are created for major soil components. The Leon soil is a minor component.

Map Unit Le (13.64%)

Map Unit Name:	Leon sand
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	15cm
Drainage Class - Dominant:	Poorly drained
Hydrologic Group - Dominant:	A/D - These soils have low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Leon(80%)

horizon A(0cm to 8cm)	Sand
horizon E(8cm to 38cm)	Sand
horizon Bh(38cm to 76cm)	Fine sand
horizon BE(76cm to 84cm)	Fine sand
horizon E'(84cm to 168cm)	Fine sand
horizon B'h(168cm to 203cm)	Fine sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Le - Leon sand

Component: Leon (80%)
The Leon component makes up 80 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats on marine terraces, coastal plains. The parent material consists of sandy fluviomarine deposits and/or eolian sands. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 6 inches during January, February, March, April, December. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 4w. This soil meets hydric criteria.

Map Unit Ly (0.51%)

Map Unit Name:	Lynn Haven fine sand
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	8cm
Drainage Class - Dominant:	Poorly drained
Hydrologic Group - Dominant:	A/D - These soils have low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Lynn Haven(85%)

horizon A(0cm to 23cm)	Sand
horizon E(23cm to 30cm)	Fine sand

horizon Bh(30cm to 203cm)	Sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Ly - Lynn Haven fine sand

Component: Lynn Haven (85%)
The Lynn Haven, undrained component makes up 85 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats on marine terraces, coastal plains. The parent material consists of sandy fluviomarine deposits and/or eolian sands. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 3 inches during January, February, March, December. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 4w. This soil meets hydric criteria. There are no saline horizons within 30 inches of the soil surface.

Map Unit Mu (0.35%)

Map Unit Name:	Murville fine sand
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	0cm
Drainage Class - Dominant:	Very poorly drained
Hydrologic Group - Dominant:	A/D - These soils have low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Murville(80%)	
horizon A(0cm to 20cm)	Fine sand
horizon Bh(20cm to 114cm)	Fine sand
horizon C(114cm to 203cm)	Fine sand
Murville(10%)	
horizon A(0cm to 20cm)	Fine sand
horizon Bh(20cm to 114cm)	Fine sand
horizon C(114cm to 203cm)	Fine sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Mu - Murville fine sand

Component: Murville (80%)
The Murville, undrained component makes up 80 percent of the map unit. Slopes are 0 to 2 percent. This component is on depressions on marine terraces, coastal plains. The parent material consists of sandy fluviomarine deposits and/or eolian sands. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is frequently ponded. A seasonal zone of water saturation is at 0 inches during January, February, March, April, December. Organic matter content in the surface horizon is about 6 percent. Nonirrigated land capability classification is 5w. This soil meets hydric criteria.

Component: Murville (10%)
The Murville, drained component makes up 10 percent of the map unit. Slopes are 0 to 2 percent. This component is on depressions on marine terraces, coastal plains. The parent material consists of sandy fluviomarine deposits and/or eolian sands. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 0 inches during January, February, March. Organic matter content in the surface horizon is about 6 percent. Nonirrigated land capability classification is 3w. This soil meets hydric criteria.

Map Unit On (6.79%)

Soil Information

Map Unit Name:	Onslow loamy fine sand
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	61cm
Drainage Class - Dominant:	Moderately well drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.

Major components are printed below

Onslow(90%)

horizon A(0cm to 10cm)	Loamy fine sand
horizon E/Bh(10cm to 51cm)	Loamy fine sand
horizon Bt(51cm to 173cm)	Sandy clay loam
horizon Cg(173cm to 203cm)	Sandy loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: On - Onslow loamy fine sand

Component: Onslow (90%)
The Onslow component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on broad interstream divides on marine terraces, coastal plains. The parent material consists of loamy and sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 24 inches during January, February, March. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria.

Component: Rains (5%)
Generated brief soil descriptions are created for major soil components. The Rains, undrained soil is a minor component.

Map Unit Ra (0.61%)

Map Unit Name:	Rains fine sandy loam
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	15cm
Drainage Class - Dominant:	Poorly drained
Hydrologic Group - Dominant:	B/D - These soils have moderately low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Rains(80%)

horizon Ap(0cm to 18cm)	Fine sandy loam
horizon Eg(18cm to 30cm)	Fine sandy loam
horizon Btg1(30cm to 51cm)	Sandy loam
horizon Btg2(51cm to 157cm)	Sandy clay loam
horizon BCg(157cm to 216cm)	Sandy clay loam

Rains(10%)

horizon A(0cm to 18cm)	Fine sandy loam
horizon Eg(18cm to 30cm)	Fine sandy loam
horizon Btg1(30cm to 51cm)	Sandy loam
horizon Btg2(51cm to 157cm)	Sandy clay loam
horizon BCg(157cm to 216cm)	Sandy clay loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Ra - Rains fine sandy loam

Soil Information

Component: Rains (80%)
The Rains, drained component makes up 80 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats on marine terraces, coastal plains. The parent material consists of loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 6 inches during January, February, March, December. Organic matter content in the surface horizon is about 4 percent. Nonirrigated land capability classification is 3w. This soil meets hydric criteria.

Component: Rains (10%)
The Rains, undrained component makes up 10 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats on marine terraces, coastal plains. The parent material consists of loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 6 inches during January, February, March, April, December. Organic matter content in the surface horizon is about 4 percent. Nonirrigated land capability classification is 4w. This soil meets hydric criteria.

Map Unit Se (28.33%)

Map Unit Name:	Seagate fine sand
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	61cm
Drainage Class - Dominant:	Moderately well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Seagate(85%)

horizon Ap(0cm to 20cm)	Fine sand
horizon E(20cm to 30cm)	Fine sand
horizon Bh(30cm to 71cm)	Fine sand
horizon E'(71cm to 91cm)	Fine sand
horizon Bt(91cm to 102cm)	Sandy loam
horizon Btg(102cm to 203cm)	Clay loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Se - Seagate fine sand

Component: Seagate (85%)
The Seagate component makes up 85 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats on marine terraces, coastal plains. The parent material consists of sandy and loamy fluviomarine deposits and/or marine deposits. Depth to a root restrictive layer, strongly contrasting textural stratification, is 20 to 40 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 24 inches during January, February, March, December. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 3w. This soil does not meet hydric criteria.

Component: Leon (5%)
Generated brief soil descriptions are created for major soil components. The Leon soil is a minor component.

Map Unit St (1.39%)

Map Unit Name:	Stallings fine sand
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	53cm
Drainage Class - Dominant:	Somewhat poorly drained
Hydrologic Group - Dominant:	A/D - These soils have low runoff potential when drained and high runoff

	potential when undrained.

Major components are printed below

Stallings(80%)

horizon A(0cm to 20cm)	Loamy sand
horizon E(20cm to 30cm)	Loamy sand
horizon Btg(30cm to 107cm)	Sandy loam
horizon BCg(107cm to 203cm)	Loamy sand

Stallings(10%)

horizon A(0cm to 20cm)	Loamy sand
horizon E(20cm to 30cm)	Loamy sand
horizon B(30cm to 107cm)	Sandy loam
horizon BC(107cm to 203cm)	Loamy sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: St - Stallings fine sand

Component: Stallings (80%)
The Stallings, drained component makes up 80 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats on marine terraces, coastal plains. The parent material consists of loamy and sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 21 inches during January, February, March. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria.

Component: Stallings (10%)
The Stallings, undrained component makes up 10 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats on marine terraces, coastal plains. The parent material consists of loamy and sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 21 inches during January, February, March, April, December. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 3w. This soil does not meet hydric criteria.

Component: Woodington (5%)
Generated brief soil descriptions are created for major soil components. The Woodington, undrained soil is a minor component.

Component: Rains (2%)
Generated brief soil descriptions are created for major soil components. The Rains, undrained soil is a minor component.

Map Unit Wo (0.62%)

Map Unit Name:	Woodington fine sandy loam
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	15cm
Drainage Class - Dominant:	Poorly drained
Hydrologic Group - Dominant:	A/D - These soils have low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Woodington(80%)

horizon Ap(0cm to 15cm)	Fine sandy loam
horizon E(15cm to 36cm)	Fine sandy loam
horizon Btg(36cm to 188cm)	Fine sandy loam
horizon Cg(188cm to 216cm)	Sandy loam

Woodington(10%)

horizon A(0cm to 15cm)	Fine sandy loam

horizon E(15cm to 36cm)	Fine sandy loam
horizon Btg(36cm to 188cm)	Fine sandy loam
horizon Cg(188cm to 216cm)	Sandy loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Wo - Woodington fine sandy loam

Component: Woodington (80%)
The Woodington, drained component makes up 80 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats on marine terraces, coastal plains. The parent material consists of loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 6 inches during January, February, March, December. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 3w. This soil meets hydric criteria.

Component: Woodington (10%)
The Woodington, undrained component makes up 10 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats on marine terraces, coastal plains. The parent material consists of loamy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 6 inches during January, February, March, April, December. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 6w. This soil meets hydric criteria.

Map Unit Wr (2.59%)

Map Unit Name:	Wrightsboro fine sandy loam, 0 to 2 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	61cm
Drainage Class - Dominant:	Moderately well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Wrightsboro(90%)

horizon Ap(0cm to 15cm)	Fine sandy loam
horizon E(15cm to 61cm)	Fine sandy loam
horizon Bt(61cm to 122cm)	Sandy clay loam
horizon 2Bg(122cm to 203cm)	Clay

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Wr - Wrightsboro fine sandy loam, 0 to 2 percent slopes

Component: Wrightsboro (90%)
The Wrightsboro component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on low ridges on marine terraces, coastal plains. The parent material consists of loamy and clayey fluviomarine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 24 inches during January, February. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria.

Wells and Additional Sources



Wells & Additional Sources

N

0 0.3 0.6 1.2 Miles

- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- OGW Sites with Higher Elevation
- OGW Sites with Same Elevation
- OGW Sites with Lower Elevation
- OGW Sites with Unknown Elevation

ERIS

Wells and Additional Sources



Wells & Additional Sources - Page 1

Miles
0 0.15 0.3 0.6

- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- OGW Sites with Higher Elevation
- OGW Sites with Same Elevation
- OGW Sites with Lower Elevation
- OGW Sites with Unknown Elevation

ERIS

Wells and Additional Sources



Wells & Additional Sources - Page 2

Miles
0 0.15 0.3 0.6

- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- OGW Sites with Higher Elevation
- OGW Sites with Same Elevation
- OGW Sites with Lower Elevation
- OGW Sites with Unknown Elevation

ERIS

Wells and Additional Sources



Wells & Additional Sources - Page 3

Miles
0 0.15 0.3 0.6

- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- OGW Sites with Higher Elevation
- OGW Sites with Same Elevation
- OGW Sites with Lower Elevation
- OGW Sites with Unknown Elevation

ERIS

Wells and Additional Sources Summary

Federal Sources

Public Water Systems Violations and Enforcement Data

Map Key	ID	Distance (ft)	Direction
	No records found		

Safe Drinking Water Information System (SDWIS)

Map Key	ID	Distance (ft)	Direction
	No records found		

USGS National Water Information System

Map Key	Site Number	Distance (ft)	Direction
1	USGS-341420077540601	2753.71	SSE
2	USGS-341424077550601	3574.19	SW
3	USGS-341528077550703	4101.22	NW
3	USGS-341528077550745	4101.22	NW
3	USGS-341528077550702	4101.22	NW
3	USGS-341528077550701	4101.22	NW

Wells from NWIS

Map Key	ID	Distance (ft)	Direction
	No records found		

State Sources

Oil and Gas Wells

Map Key	ID	Distance (ft)	Direction
	No records found		

Public Water Supply Sources

Map Key	ID	Distance (ft)	Direction
	No records found		

Underground Injection Control Wells

Map Key	ID	Distance (ft)	Direction
	No records found		

Water Distribution Wells

Wells and Additional Sources Summary

Map Key	ID	Distance (ft)	Direction
	No records found		

USGS National Water Information System

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
1	SSE	0.52	2,753.71	37.41	FED USGS

Reporting Agency:	USGS North Carolina Water Science Center
Site Number:	USGS-341420077540601
Station Name:	NH-456 BLAKE BROS
Site Type:	Well
Latitude:	34.23905870000000
Longitude:	-77.9013752000000
Date Drilled:	
Well Depth:	
Well Depth Unit:	
Well Hole Depth:	
W Hole Depth Unit:	
Formation Type:	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	SW	0.68	3,574.19	20.02	FED USGS

Reporting Agency:	USGS North Carolina Water Science Center
Site Number:	USGS-341424077550601
Station Name:	NH-972 NR WILMINGTON, NC (PEEDEE)
Site Type:	Well
Latitude:	34.24012220000000
Longitude:	-77.9182972000000
Date Drilled:	20070430
Well Depth:	90
Well Depth Unit:	ft
Well Hole Depth:	90
W Hole Depth Unit:	ft
Formation Type:	Peedee Formation

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	NW	0.78	4,101.22	10.86	FED USGS

Reporting Agency:	USGS North Carolina Water Science Center
Site Number:	USGS-341528077550703
Station Name:	SMITH CR NR WILMINGTON BRIDGE 640131 DOWNSTREAM
Site Type:	Stream
Latitude:	34.25777778000000
Longitude:	-77.9186111000000
Date Drilled:	

Well Depth:
Well Depth Unit:
Well Hole Depth:
W Hole Depth Unit:
Formation Type:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	NW	0.78	4,101.22	10.86	FED USGS

Reporting Agency: USGS North Carolina Water Science Center
Site Number: USGS-341528077550745
Station Name: RAINGAGE AT SMITH CR NR WILMINGTON, BRIDGE 640131
Site Type: Atmosphere
Latitude: 34.25777778000000
Longitude: -77.9186111000000
Date Drilled:
Well Depth:
Well Depth Unit:
Well Hole Depth:
W Hole Depth Unit:
Formation Type:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	NW	0.78	4,101.22	10.86	FED USGS

Reporting Agency: USGS North Carolina Water Science Center
Site Number: USGS-341528077550702
Station Name: SMITH CREEK NR WILMINGTON BRIDGE 640131, UPSTREAM
Site Type: Stream
Latitude: 34.25777778000000
Longitude: -77.9186111000000
Date Drilled:
Well Depth:
Well Depth Unit:
Well Hole Depth:
W Hole Depth Unit:
Formation Type:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	NW	0.78	4,101.22	10.86	FED USGS

Reporting Agency: USGS North Carolina Water Science Center
Site Number: USGS-341528077550701
Station Name: SMITH CR NR WILMINGTON BRIDGE 640131
Site Type: Facility: Pavement

Wells and Additional Sources Detail Report

Latitude:	34.25777778000000
Longitude:	-77.9186111000000
Date Drilled:	
Well Depth:	
Well Depth Unit:	
Well Hole Depth:	
W Hole Depth Unit:	
Formation Type:	

Radon Information

This section lists any relevant radon information found for the target property.

Federal EPA Radon Zone for *NEW HANOVER* County: **3**

Zone 1: Counties with predicted average indoor radon screening levels greater than 4 pCi/L
Zone 2: Counties with predicted average indoor radon screening levels from 2 to 4 pCi/L
Zone 3: Counties with predicted average indoor radon screening levels less than 2 pCi/L

Federal Area Radon Information for *NEW HANOVER* County

No Measures/Homes:	70
Arithmetic Mean:	0.6
Maximum:	4
Minimum:	0
Notes on Data Table:	TABLE 1. Summary of screening indoor radon data in North Carolina from the EPA/State Residential Radon Survey, the North Carolina Cooperative Extension Service Radon Survey, and non-random data collected from vendors of charcoal canister radon detectors. Data represent 2-7 day screening tests.

Appendix

Federal Sources

FEMA National Flood Hazard Layer — **FEMA FLOOD**

The National Flood Hazard Layer (NFHL) data incorporates Flood Insurance Rate Map (FIRM) databases published by the Federal Emergency Management Agency (FEMA), and any Letters Of Map Revision (LOMRs) that have been issued against those databases since their publication date. The FIRM Database is the digital, geospatial version of the flood hazard information shown on the published paper FIRMs. The FIRM Database depicts flood risk information and supporting data used to develop the risk data. The FIRM Database is derived from Flood Insurance Studies (FISs), previously published FIRMs, flood hazard analyses performed in support of the FISs and FIRMs, and new mapping data, where available.

Indoor Radon Data — **INDOOR RADON**

Indoor radon measurements tracked by the Environmental Protection Agency(EPA) and the State Residential Radon Survey.

Public Water Systems Violations and Enforcement Data — **PWSV**

List of drinking water violations and enforcement actions from the Safe Drinking Water Information System (SDWIS) made available by the Drinking Water Protection Division of the US EPA's Office of Groundwater and Drinking Water. Enforcement sensitive actions are not included in the data released by the EPA. Address information provided in SWDIS may correspond either with the physical location of the water system, or with a contact address.

Radon Zone Level — **RADON ZONE**

Areas showing the level of Radon Zones (level 1, 2 or 3) by county. This data is maintained by the Environmental Protection Agency (EPA).

Safe Drinking Water Information System (SDWIS) — **SDWIS**

The Safe Drinking Water Information System (SDWIS) contains information about public water systems as reported to US Environmental Protection Agency (EPA) by the states. Addresses may correspond with the location of the water system, or with a contact address.

Soil Survey Geographic database — **SSURGO**

The Soil Survey Geographic database (SSURGO) contains information about soil as collected by the National Cooperative Soil Survey at the Natural Resources Conservation Service (NRCS). Soil maps outline areas called map units. The map units are linked to soil properties in a database. Each map unit may contain one to three major components and some minor components.

U.S. Fish & Wildlife Service Wetland Data — **US WETLAND**

The U.S. Fish & Wildlife Service Wetland layer represents the approximate location and type of wetlands and deepwater habitats in the United States.

USGS Current Topo — **US TOPO**

US Topo topographic maps are produced by the National Geospatial Program of the U.S. Geological Survey (USGS). The project was launched in late 2009, and the term "US Topo" refers specifically to quadrangle topographic maps published in 2009 and later.

USGS Geology — **US GEOLOGY**

Seamless maps depicting geological information provided by the United States Geological Survey (USGS).

USGS National Water Information System — **FED USGS**

The U.S. Geological Survey (USGS)'s National Water Information System (NWIS) is the nation's principal repository of water resources data. This database includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data.

Wells from NWIS — **FED USGS**

The U.S. Geological Survey's National Water Information System (NWIS) is the nation's principal repository of water resources data. The NWIS includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data. This NWIW dataset contains select Site Types from the overall NWIS Sites data, limited to the following Group Site Types only: Groundwater Group Site Types: Well, Collector or Ranney type well, Hyporheic-zone well,

Interconnected Wells, Multiple wells; Spring Group Site Type: Spring; and Other Group Site Types: Aggregate groundwater use, Cistern.

State Sources

Oil and Gas Wells **OGW**

As of NC state regulatory agencies, FracTracker Alliance - state of North Carolina confirmed not to have any active (drilled but not plugged) oil and gas wells.

Public Water Supply Sources **PWSS**

The North Carolina Department of Environmental Quality (DEQ), Division of Environmental Health, Public Water Supply Section in cooperation with the NC Center for Geographic Information and Analysis, tracks the locations of public water supply system sources in North Carolina.

Underground Injection Control Wells **UIC**

This list of Underground Injection Control Wells is made available by the North Carolina Department of Environment and Natural Resources.

Water Distribution Wells **WATER WELLS**

The North Carolina Rural Economic Development Center (NCREDC) in conjunction with Hobbs, Upchurch & Associates developed digital well locations data by individual system owners as required by contract. The data collected was to facilitate planning, siting and impact analysis in the 70 individual counties of North Carolina. This data contains information on groundwater intake wells, including: Well ID, construction date, latest renovation date, and safe yield. There has been no plan by the NCREDC or Hobbs, Upchurch & Associates to update this database.

Liability Notice

Reliance on information in Report: The Physical Setting Report (PSR) DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as a review of environmental databases and physical characteristics for the site or adjacent properties.

License for use of information in Report: No page of this report can be used without this cover page, this notice and the project property identifier. The information in Report(s) may not be modified or re-sold.

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Appendix V: Site Photographs



1 - View of N 30th Street affording access to southern portion



2 - View of southeastern portion



3 - View of handicap accessible flat



4 - View of two story unit



5 - View of remodeled vacant tenant space



6 - View of remodeled vacant tenant space



7 - View of partially gutted vacant tenant space



8 - View of hallway in vacant tenant space



9 - View of household debris observed inside vacant tenant space



10 - View of restroom in vacant tenant space



11 - View of entrance to community center



12 - View of learning space in community center



13 - View of laundry room in community center



14 - View of trash cans



15 - View of one foot by one foot floor tiles



16 - View of storm drain



17 - View of playground east of the community center



18 - View of electrical HVAC



19 - View of overhead powerlines and pole-mounted transformers along eastern boundary



20 - View of flooring inside vacant tenant space



21 - View of de minimis staining on associated parking area asphalt



22 - View of northern adjoining residential development



23 - View of eastern adjoining property



24 - View of railroad (southern adjoining)

Appendix VI: Statement of Qualifications

ECS Group of Companies

Statement of Qualifications

2023

CONSTRUCTION MATERIALS

FACILITIES









GEOTECHNICAL

ENVIRONMENTAL

COMPANY OVERVIEW



2,200
employees

80+
locations

30+
years' experience

ABOUT OUR COMPANY

Engineering Consulting Services (ECS) is one of the largest and most rapidly growing engineering and consulting companies in the US. Founded in 1988, ECS is a leader in geotechnical, environmental, construction materials and facilities engineering. We are currently ranked 64 in *Engineering News-Record's* Top 500 Design Firms (April 2022) and 38 in Zweig Group's 2022 Hot Firms.

ECS CORE SERVICES

- Geotechnical
- Construction Materials

ECS FOOTPRINT

Whether your project requires local project management, specialty expertise or both, we have you covered. ECS provides the best of both worlds - the attention your projects deserve from our local team, coupled with abundant staffing and technical resources. With 2,200 employees, ECS has grown to more than 80 locations spread across the Mid-Atlantic, Midwest, Southeast and Southwest.

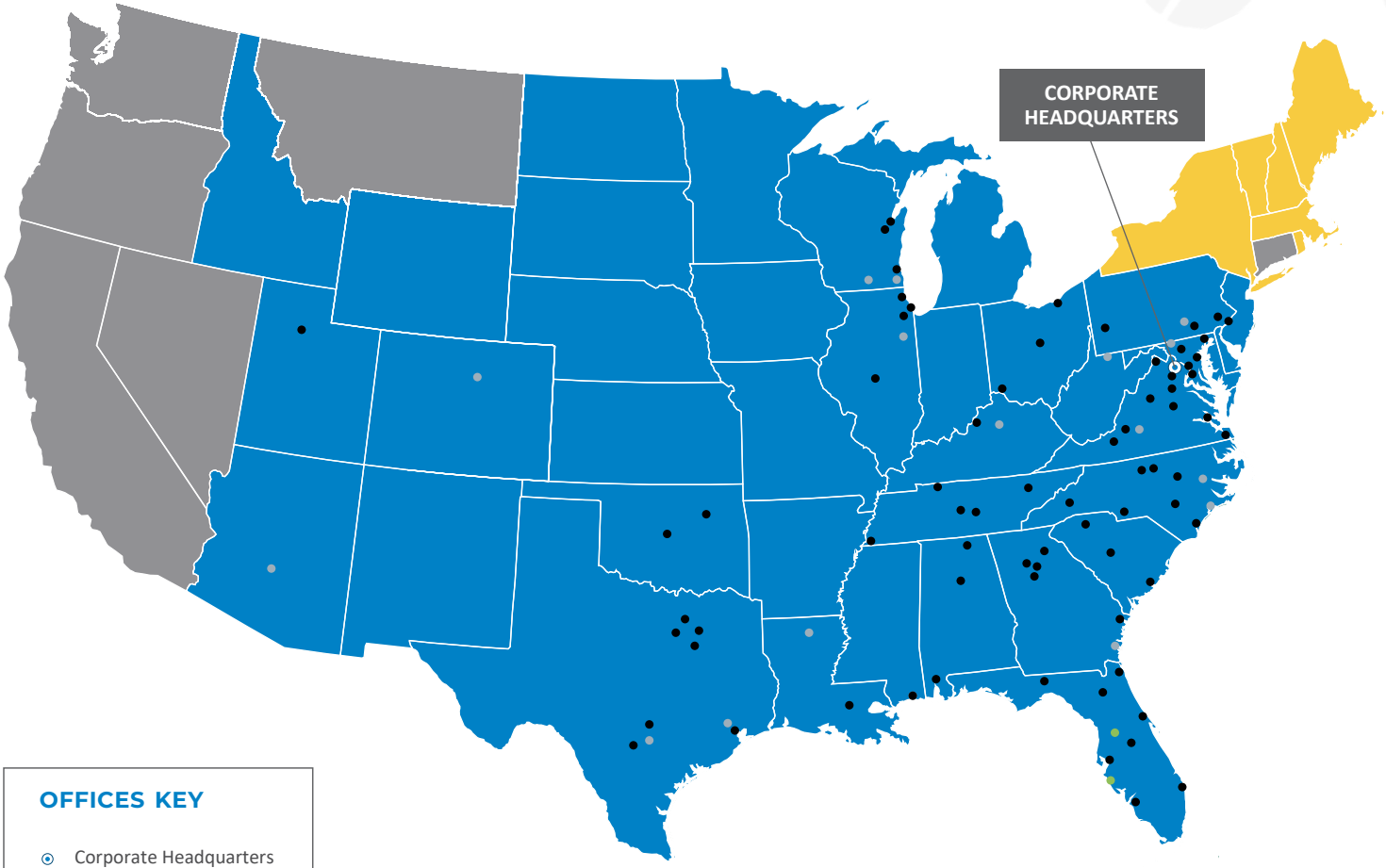
WHY ECS? WE HAVE GRIT.

What does that mean for you? That one descriptive word defines our company culture. It sets just the right tone for what our clients can expect our team to deliver each and every day. At ECS, GRIT is made up of four characteristics: guts, resilience, initiative and tenacity. Our boots are made for working. Click here for an inside look at what we do, who we are and why we have GRIT.

As a culture of doers, we roll up our sleeves and use our skills to help solve problems. We hustle.

WHEREVER YOUR PROJECT TAKES YOU, ECS HAS...

BOOTS ON THE GROUND



OFFICES KEY

- Corporate Headquarters
- Full Service Office
- Testing Services Office
- Drilling Services Office

SERVICES KEY

Materials Testing Service Area is approximately a 75-mile radius around each office.

- Environmental and Facilities
- Geotechnical, Environmental, Materials Testing, and Facilities
- Geotechnical, Environmental, and Facilities

DUE DILIGENCE





As part of typical commercial, industrial and residential real estate transactions, many services need to be completed prior to closing that should not be overlooked. ECS provides environmental and engineering due diligence services common to real estate transaction-driven work, including:

Environmental Due Diligence Services:

- Phase I Environmental Site Assessments (ESAs)
- Wetland and Stream Determination and Delineation Services
- Phase II Environmental Site Assessments (ESAs)
- Underground Storage Tank (UST) Assessments and Closures
- Environmental Transaction Screens (ETS)
- Regulatory Record Reviews
- HUD Assessments
- Endangered Species Assessments
- Historical and Cultural Surveys/Assessments
- Radon Assessment
- Asbestos Surveys and Abatement Design
- Lead-Based Paint Surveys and Abatement Design
- Microbial and Indoor Air Quality Assessments
- Vapor Intrusion Assessments
- Fannie Mae and Freddie Mac Assessments
- Contaminated soil management plans

Facilities Due Diligence Services:

- Accessibility Consulting
- Bank Draw Review
- Pre and Post Construction Surveys
- Property Condition Assessments (PCAs)
- Forensic Investigations
- GPR Surveys
- EIFS Services

Engineering Due Diligence Services:

- Subsurface Geotechnical Explorations
- Test Pit Evaluations
- Seismic Studies
- Cost estimating for construction
- Geologic Assessments

BRYCEN BRASWELL

ENVIRONMENTAL SCIENTIST



CERTIFICATIONS

HAZWOPER

SKILLS

Phase I Environmental Site Assessments

EDUCATION

Bachelor of Arts, 2021, Environmental Studies, University of North Carolina Wilmington, Wilmington, NC

PROFESSIONAL PROFILE

Mr. Braswell is an environmental scientist for ECS Southeast. He has experience with Phase I Environmental Site Assessments, site characterization reports, risk assessments. Mr. Braswell is responsible for writing daily reports such as environmental assessments and observation work completed in the field to provide clients, contractors, engineers, architects, and code officials with a clear audit trail for projects.

PROJECT EXPERIENCE

Windsor Corporate Center, Leland, NC - Conducted a Phase I report for a vacant site off Mercantile Drive. My role in the project was to conduct a site reconnaissance and include the information provided from EDR into the document. The project was not very extensive because the lot was vacant and had little to no history of structures

Erma Norris Property, Supply, NC - Conducted a typical Phase I report. As a part of this Phase I, I performed a site reconnaissance as well as included the information obtained from EDR into the report. This parcel was a wooded-agricultural 30.5-acre lot in a rural area. There were no structures on the site so this Phase I was straight forward.

Jacksonville Baptist Church, Jacksonville, NC - Conducted a Phase I report for a church that was undergoing construction to become a middle school and high school. The project included the site reconnaissance and included information from EDR in the document. The project was extensive because the EDR database contained Fire Insurance Maps which indicated the presence of former residential structures on-site.

Former Mission Foods Plant, Kinston, NC - Conducted a Phase I report for a former Mission Foods Plant. The project was straightforward considering there had not been previous structures on the subject property. My role consisted of site reconnaissance and compiling database information from EDR. The subject property consisted of a warehouse structure that is approximately 5,900 square feet of space that was constructed in 1996.

Retail Strip Center, Morehead City, NC - Conducted a Phase I report for a retail strip center that consisted of Faircloth Realty and Construction, Rutherford Financial Group Inc., Holler Ventures Limited, and Sunshine Cleaners and Laundry from 1999 to present. The Sunshine Cleaners and Laundry facility within this strip center was an active drycleaner and had previously had compliance inspection violations with NCDEQ.

SAMANTHA POTTER

ENVIRONMENTAL SCIENTIST

CERTIFICATIONS

ACI: Concrete

WACEL: Soils

HAZWOPER

Radiation Safety for NUKE

SKILLS

Phase I ESAs

Field Reports

Concrete Testing

Soil Sampling

EDUCATION

Bachelor of Science, 2020,Environmental and Earth Science, Minor in Biology, University of North Carolina at Charlotte, Charlotte, NC

PROFESSIONAL PROFILE

Ms. Potter is an Environmental Scientist responsible for coordinating and preparing Phase I and II Environmental Site Assessments, environmental soil and groundwater sampling programs, site characterization reports, underground storage tank removal and remediation, state voluntary cleanup programs, risk assessments and hazardous materials surveys, environmental impact statements, and wetland delineation studies.

PROJECT EXPERIENCE

- Ramada Inn, Raleigh North Carolina
- Proposed Dollar General, Gibson, NC
- Proposed Grove 98, Wake Forest, NC
- Bedford Phase 5, Raeford, NC
- Alpaca Chicken, Durham, NC
- Morgan Automotive, Durham, NC

SHANNON PRIESTER

PROJECT MANAGER



CERTIFICATIONS

40-Hour HAZWOPER Training

8-Hour HAZWOPER Refresher Training

ASTM Technical Training and E-Learning

SKILLS

Phase I ESAs

EDUCATION

Bachelor of Arts, Environmental Studies and Sustainability, UNC-Greensboro, Greensboro, NC

PROFESSIONAL ORGANIZATIONS

North Carolina Association of Environmental Professionals (NCAEP)

Society of Women Environmental Professionals (SWEP)

American Society of Safety Processionals (ASSP)

PROFESSIONAL PROFILE

Ms. Priester has been with ECS since 2004. Currently, she serves as a Project Manager and is primarily responsible for conducting environmental Phase I Site Assessments. Ms. Priester has performed Phase I Environmental Site Assessments (ESAs) for more than five years to determine environmental liabilities for commercial, residential, institutional, industrial, and retail facilities. She has experience performing Phase I ESAs to evaluate on-site and off-site concerns that may impact the site. Ms. Priester meets the ASTM definition for an Environmental Professional (EP.

Her scope of work typically includes performance of an on-site and off- site reconnaissance, reviewing regulatory lists, obtaining and reviewing aerial photographs, topographic maps, Sanborn Fire Insurance Maps, city directories, and other published information. She is responsible for proposals and invoicing for each project she manages.

Ms. Priester also serves as the Southeast Environmental Regional Safety Manager and is responsible for participating in corporate and regional safety meetings, preparing required monthly safety documentation, preparing incident reports, and coordinating required medical monitoring for employees who perform work under OSHA standards. Ms. Serves as the Due Diligence Committee Chair and serves on the Safety Policy Committee.

PROJECT EXPERIENCE

- US Farming Realty Trust Site, Pamlico County, NC
- First Citizens Bank Sites, Various Locations Across NC
- Wells Fargo Bank Sites, Various Locations Across NC
- First National Bank of PA, Various Locations Across NC
- The Exchange on Erwin, Durham, NC
- HT Fuel Center Sites, Various Locations Across NC
- McDonalds USA, LLC, Various Locations Across NC
- Stromberg Foods, Goldsboro, NC
- Kingsdown Mattress, Mebane, NC
- Drive Shack, Raleigh, NC
- Project Trace, Roxboro, NC
- Wawa, Various Locations Across NC
- Arsenal Park, Fayetteville, NC
- Cary Town Center, Cary, NC
- University Mall, Chapel Hill, NC
- Xenith Bank Portfolio, Various Locations Across NC

LORI DAVENPORT-PARKER, CEM, CPESC

ENVIRONMENTAL PRINCIPAL



REGISTRATIONS

ASTM Environmental Site Assessment for Commercial Real Estate

EAA Certified Environmental Manager

AL, KY and TN Licensed Asbestos Building Inspector

Hazardous Waste Operations-40 Hours, Supervisor

OSHA 10-Hr Construction Safety

Certified Professional in Erosion and Sediment Control (CPESC)

TDEC Level I Erosion Prevention & Sediment Control

Women in Commercial Real Estate Nashville-Executive Board of Directors 2008-2010, 2015-2022

SKILLS

Phase I Environmental Site Assessments

Phase II Environmental Site Assessments

IAQ, Radon, Mold, Asbestos and Lead Testing

EDUCATION

Associate of Science, Technical Art, Western Kentucky University

Bachelor of Arts, Management and Human Resources, Trevecca Nazarene University

PROFESSIONAL PROFILE

Ms. Parker has over 25 years of comprehensive technical and regulatory experience in supervising and managing Phase I Environmental Site Assessments and Phase II samplings. Technical experience includes over 2,000 environmental site assessments for a variety of facilities, including industrial, manufacturing, gasoline stations, dry cleaners, office/retail complexes, various commercial establishments, new development sites, multi-site acquisitions, and cell tower projects. Additional areas of expertise include environmental permitting (storm water, SPCC, air), regulatory compliance, lead-based paint, asbestos mold and radon sampling. She currently serves as a Due Diligence Assistant Manager for Southeast operations.

PROJECT EXPERIENCE

- Managed and performed Phase I ESA's and NEPA checklists including FCC Forms 620 and 621 for over 800 telecommunication towers.
- A project for a multi-million dollar property purchased by a large investment company for large multi-family residential apartment complexes.
- Maintains a volatile organic compound (VOC) and hazardous air pollutant (HAP) emission summary database and waste management reporting for a large packaging company since 2006.
- EPSC and QA/QC Inspections and preparation of Stormwater Pollution Prevention Plans (SWPPP) for the Tennessee Department of Transportation and industrial projects.
- Prepared pre-demolition and renovation asbestos surveys for various properties, including a Baseline Asbestos Survey for a multi-million square foot automotive manufacturing plant.
- Manages performance and oversight of large national medical office building/facility portfolios, including ESA's and PCA's.
- Manages various multi-site portfolio projects, i.e., senior living medical office, multi-family, grocery stores, fast food restaurants, etc.
- Management and oversight for multiple development projects in the TN Voluntary Cleanup, Oversight and Assistance Program, from application, assessment, construction soil management, regulatory coordination, to final return to beneficial use.

AFFILIATIONS

- Commercial Real Estate (CREW) Nashville - 2021
  Past President
- Environmental Assessment Association
- International Erosion Control Association (IECA)
- Nashville Chamber of Commerce

Appendix VII: Acronyms

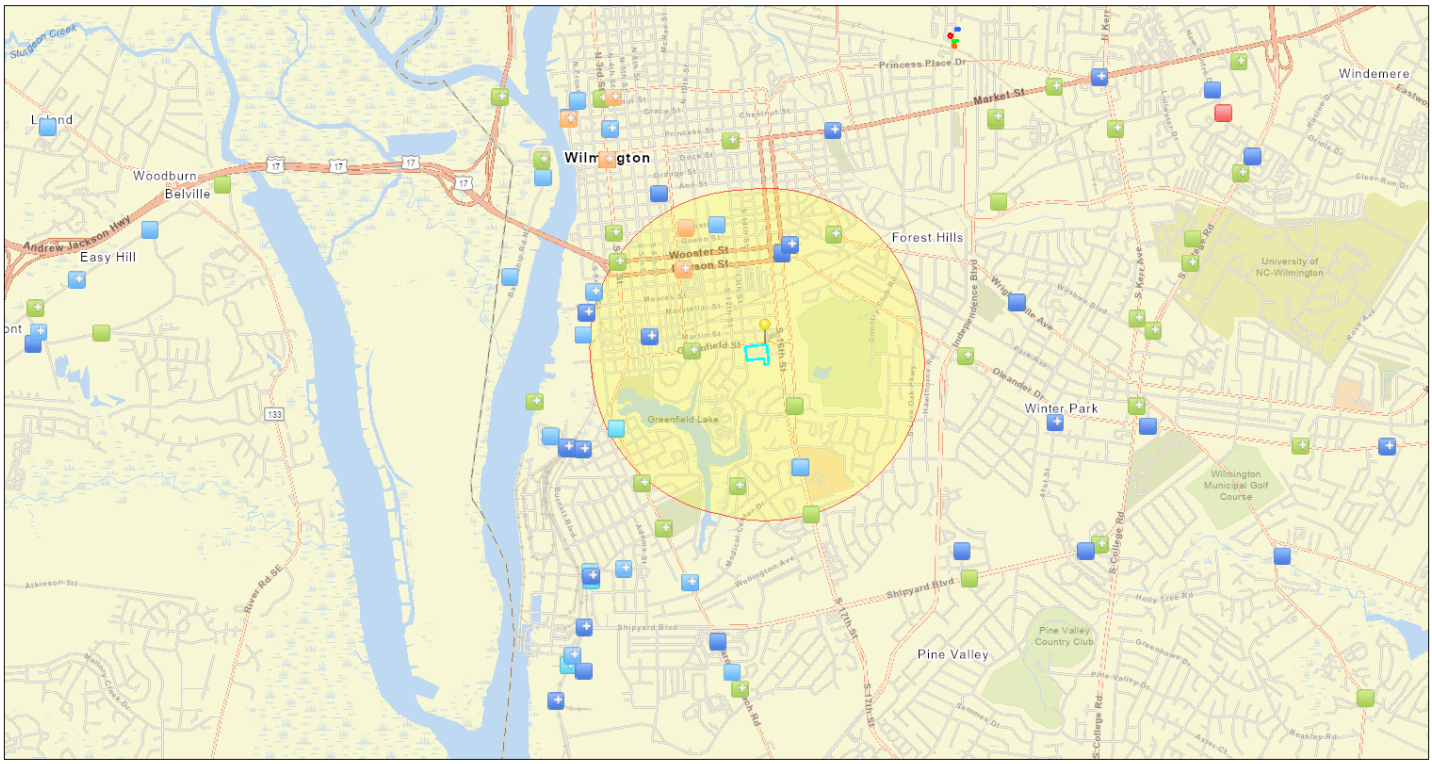
ACRONYMS

AUL	Activity and Use Limitations
AST	Aboveground Storage Tank
ASTM	American Society for Testing and Materials
ACM	Asbestos Containing Materials
BER	Business Environmental Risk
CORRACTS	CERCLA Corrective Action List
NPL	CERCLA National Priorities List
NFRAP	CERCLA No Further Remedial Action Planned
CERCLA	Comprehensive Environmental Response Cleanup Liability Act
CESQG	Conditionally Exempt Small Quantity Generator
CREC	Controlled Recognized Environmental Condition
ERNS	Emergency Response Notification System
EDR	Environmental Data Resources, Inc.
EC	Engineering Controls
HIST LF	Historical Landfill
HREC	Historical Recognized Environmental Condition
IC	Institutional Controls
LQG	Large Quantity Generator
LBP	Lead Based Paint
LTANKS	Leaking Tanks
LUST	Leaking Underground Storage Tank
NCDEQ	North Carolina Department of Environmental Quality
REC	Recognized Environmental Condition
RCRA	Resource Conservation and Recovery Act
RCRIS	Resource Conservation and Recovery Information System
SQG	Small Quantity Generator
SWF/LF	Solid Waste Facility/Landfill
SHWS	State Hazardous Waste Sites
UST	Underground Storage Tank
USGS	United States Geological Survey

Houston Moore (1 Unit) at
1420 Greenfield St., Wilmington, NC
28405

NEPAssist Report

Houston Moore - 1420 Greenfield St.



April 26, 2023

1:44,501

0 0.45 0.9 1.8 mi

0 0.75 1.5 3 km

New Hanover County NC, State of North Carolina DOT, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA

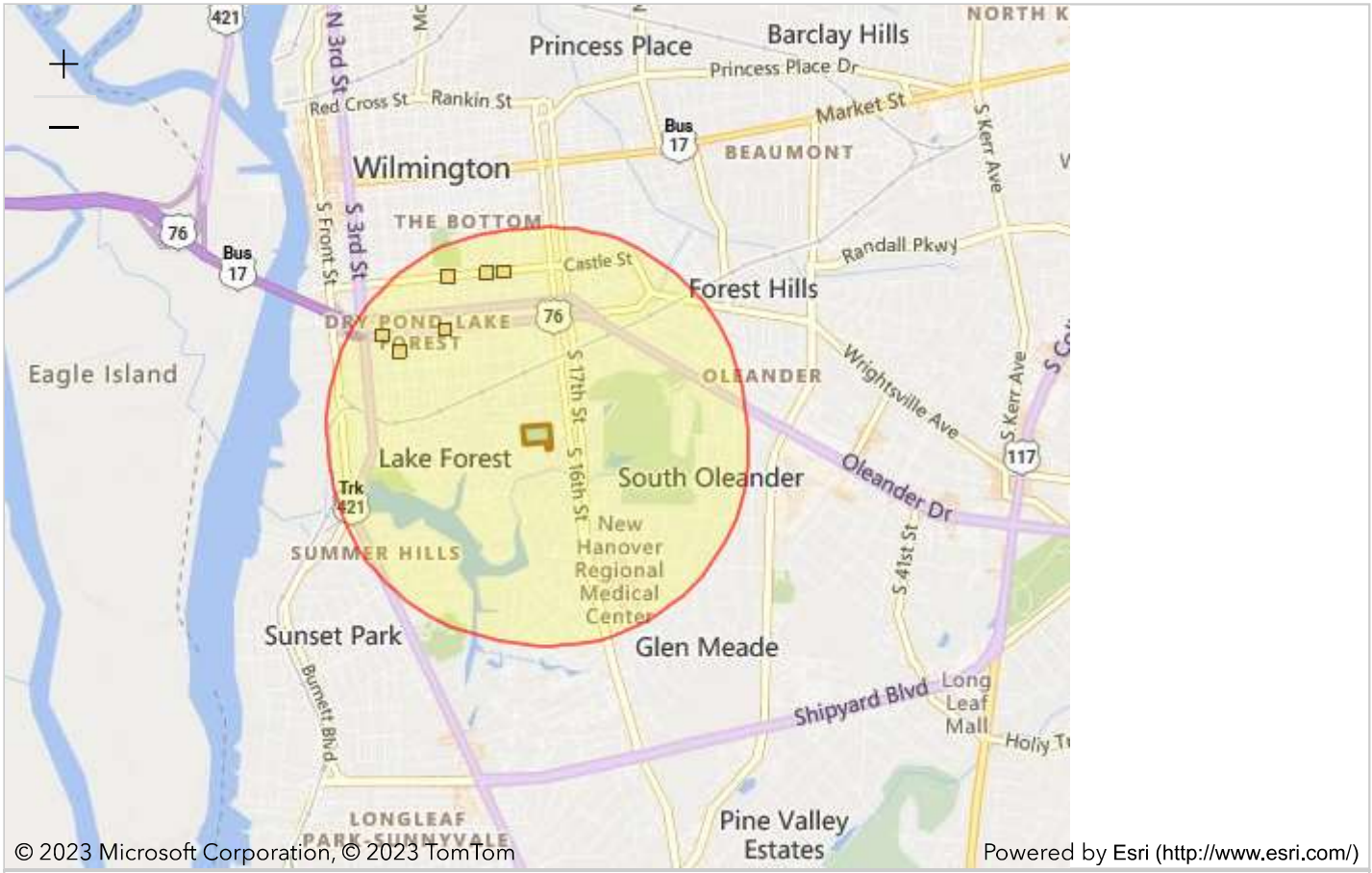
- Water Dischargers (NPDES)
- Water Dischargers (NPDES)
- Brownfields (ACRES)
- Brownfields (ACRES)
- Air Pollution (ICIS-AIR)
- Air Pollution (ICIS-AIR)
- Toxic Substances Control Act (TSCA)
- Toxic Releases (TRI)
- Toxic Releases (TRI)
- Hazardous Waste (RCRAInfo)
- Hazardous Waste (RCRAInfo)
- Project Buffer
- 1420 Greenfield St.
- Houston Moore - 1420 Greenfield St.
- 710 N. 30th St.
- 609, 611 & 613 N. 30th St.
- 502 N. 30th St., Wilmington, NC 28405
- 522 N. 30th St.

Input Coordinates: 34.217639,-77.930497,34.217816,-77.928072,34.216015,-77.927847,34.215980,-77.928340,34.216530,-77.928415,34.216361,-77.930304,34.217639,-77.930497

Project Area	0.01 sq mi
Within 1 mile of an Ozone 8-hr (1997 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of an Ozone 8-hr (2008 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a Lead (2008 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a SO2 1-hr (2010 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a PM2.5 24hr (2006 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a PM2.5 Annual (1997 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a PM2.5 Annual (2012 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a PM10 (1987 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a Federal Land?	no
Within 1 mile of an impaired stream?	yes
Within 1 mile of an impaired waterbody?	yes
Within 1 mile of a waterbody?	yes
Within 1 mile of a stream?	yes
Within 1 mile of an NWI wetland?	Available Online
Within 1 mile of a Brownfields site?	yes
Within 1 mile of a Superfund site?	no
Within 1 mile of a Toxic Release Inventory (TRI) site?	yes
Within 1 mile of a water discharger (NPDES)?	yes
Within 1 mile of a hazardous waste (RCRA) facility?	yes

Within 1 mile of an air emission facility?	yes
Within 1 mile of a school?	yes
Within 1 mile of an airport?	no
Within 1 mile of a hospital?	yes
Within 1 mile of a designated sole source aquifer?	no
Within 1 mile of a historic property on the National Register of Historic Places?	yes
Within 1 mile of a Toxic Substances Control Act (TSCA) site?	no
Within 1 mile of a Land Cession Boundary?	no
Within 1 mile of a tribal area (lower 48 states)?	no
Within 1 mile of the service area of a mitigation or conservation bank?	yes
Within 1 mile of the service area of an In-Lieu-Fee Program?	yes
Within 1 mile of a Public Property Boundary of the Formerly Used Defense Sites?	no
Within 1 mile of a Munitions Response Site?	no
Within 1 mile of an Essential Fish Habitat (EFH)?	no
Within 1 mile of a Habitat Area of Particular Concern (HAPC)?	no
Within 1 mile of an EFH Area Protected from Fishing (EFHA)?	yes
Within 1 mile of a Bureau of Land Management Area of Critical Environmental Concern?	no
Within 1 mile of an ESA-designated Critical Habitat Area per U.S. Fish & Wildlife Service?	no
Within 1 mile of an ESA-designated Critical Habitat river, stream or water feature per U.S. Fish & Wildlife Service?	no

Created on: 4/26/2023 4:03:20 PM



Report question: *Within 1 of a Brownfields site?* yes

Modify question by entering a new buffer distance and unit for the selected study area:

1 | miles | Submit

Name	Distance
501 WRIGHT STREET (WILMINGTON,NC) (https://ofmpub.epa.gov/apex/cimc/f?p=CIMC:31::::Y,31,0:P31_ID:159022)	0.74 mile

REGISTRY_ID: 110055263897
LATITUDE: 34.22319
LONGITUDE: -77.94147
PGM_SYS_ACRNM: ACRES
PGM_SYS_ID: 159022
LOCATION_ADDRESS: 501 WRIGHT STREET
CITY_NAME: WILMINGTON
COUNTY_NAME:
STATE_CODE: NC
EPA_REGION: Region 4
POSTAL_CODE: 28401
FIPS_CODE:
HUC_CODE:

Name	Distance
☐ WAVE TRANSIT (WILMINGTON,NC) (https://ofmpub.epa.gov/apex/cimc/f?p=CIMC:31::::Y,31,0:P31_ID:174504)	0.80 mile

REGISTRY_ID: 110063011477
LATITUDE: 34.22894
LONGITUDE: -77.93369
PGM_SYS_ACRNM: ACRES
PGM_SYS_ID: 174504
LOCATION_ADDRESS: 1110 CASTLE STREET
CITY_NAME: WILMINGTON
COUNTY_NAME:
STATE_CODE: NC
EPA_REGION: Region 4
POSTAL_CODE: 28401
FIPS_CODE:
HUC_CODE:

☐ 900-910 CASTLE STREET (WILMINGTON,NC) (https://ofmpub.epa.gov/apex/cimc/f? 0.85 mile
p=CIMC:31::::Y,31,0:P31_ID:218641)

REGISTRY_ID: 110070258766
LATITUDE: 34.22865
LONGITUDE: -77.93716
PGM_SYS_ACRNM: ACRES
PGM_SYS_ID: 218641
LOCATION_ADDRESS: 900-910 CASTLE STREET
CITY_NAME: WILMINGTON
COUNTY_NAME:
STATE_CODE: NC
EPA_REGION: Region 4
POSTAL_CODE: 28401
FIPS_CODE:
HUC_CODE:

☐ 406 DAWSON STREET (WILMINGTON,NC) (https://ofmpub.epa.gov/apex/cimc/f? 0.85 mile
p=CIMC:31::::Y,31,0:P31_ID:159023)

REGISTRY_ID: 110055263904
LATITUDE: 34.22434
LONGITUDE: -77.94303
PGM_SYS_ACRNM: ACRES
PGM_SYS_ID: 159023
LOCATION_ADDRESS: 406 DAWSON STREET
CITY_NAME: WILMINGTON
COUNTY_NAME:
STATE_CODE: NC
EPA_REGION: Region 4
POSTAL_CODE: 28401
FIPS_CODE:
HUC_CODE:

☐ SOUL SAVING STATION (WILMINGTON,NC) (https://ofmpub.epa.gov/apex/cimc/f? 0.63 mile
p=CIMC:31::::Y,31,0:P31_ID:14646)

REGISTRY_ID: 110039550964
LATITUDE: 34.2248
LONGITUDE: -77.93744
PGM_SYS_ACRNM: ACRES
PGM_SYS_ID: 14646
LOCATION_ADDRESS: 805 DAWSON STREET
CITY_NAME: WILMINGTON
COUNTY_NAME: NEW HANOVER
STATE_CODE: NC
EPA_REGION: Region 4
POSTAL_CODE: 28401
FIPS_CODE: 37129
HUC_CODE:

Name	Distance
☐ SELLERS PROPERTY (WILMINGTON,NC) (https://ofmpub.epa.gov/apex/cimc/f?p=CIMC:31::::Y,31,0:P31_ID:218381) **REGISTRY_ID:** 110070149038 **LATITUDE:** 34.22906 **LONGITUDE:** -77.93216 **PGM_SYS_ACRNM:** ACRES **PGM_SYS_ID:** 218381 **LOCATION_ADDRESS:** 1220 CASTLE STREET **CITY_NAME:** WILMINGTON **COUNTY_NAME:** **STATE_CODE:** NC **EPA_REGION:** Region 4 **POSTAL_CODE:** 28401 **FIPS_CODE:** **HUC_CODE:**	0.79 mile

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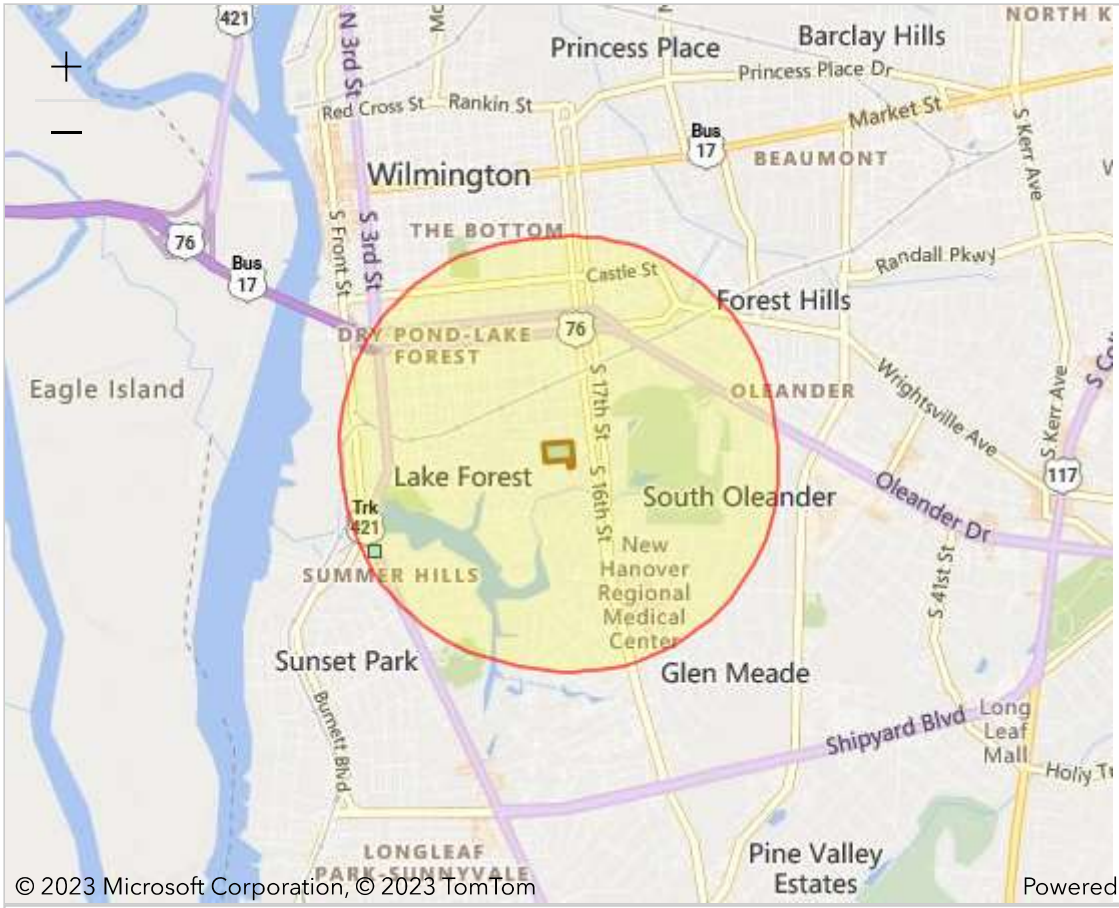
US Environmental Protection Agency (//www.epa.gov)



Report question: ***Within 1 of a Toxic releases site?*** **yes**

Modify question by entering a new buffer distance and unit for the selected study area:

1 | miles | Submit

Name	Distance
☐ STURDY CORP (WILMINGTON,NC) (https://enviro.epa.gov/facts/tri/ef-facilities/#/Facility/28401STRDY1822C)	0.95 mile

REGISTRY_ID: 110015583778
LATITUDE: 34.21003
LONGITUDE: -77.94499
PGM_SYS_ACRNM: TRIS
PGM_SYS_ID: 28401STRDY1822C
LOCATION_ADDRESS: 1822 CAROLINA BEACH RD
CITY_NAME: WILMINGTON
COUNTY_NAME: NEW HANOVER COUNTY
STATE_CODE: NC
EPA_REGION: Region 4
POSTAL_CODE: 28401
FIPS_CODE: 37129
HUC_CODE:

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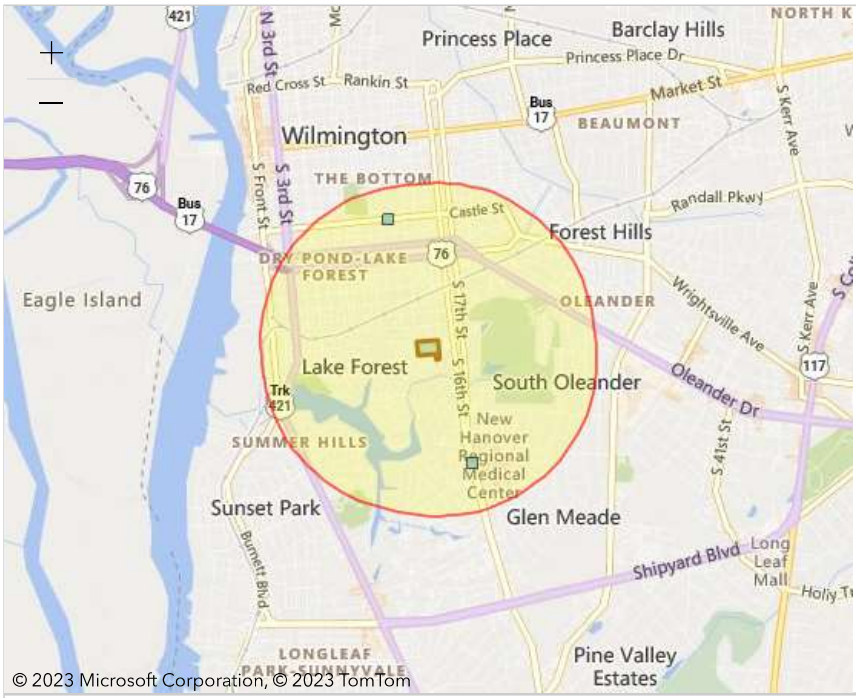
US Environmental Protection Agency (//www.epa.gov)



Report question: ***Within 1 of a Water dischargers site?*** **yes**

Modify question by entering a new buffer distance and unit for the selected study area:

1 | miles | Submit

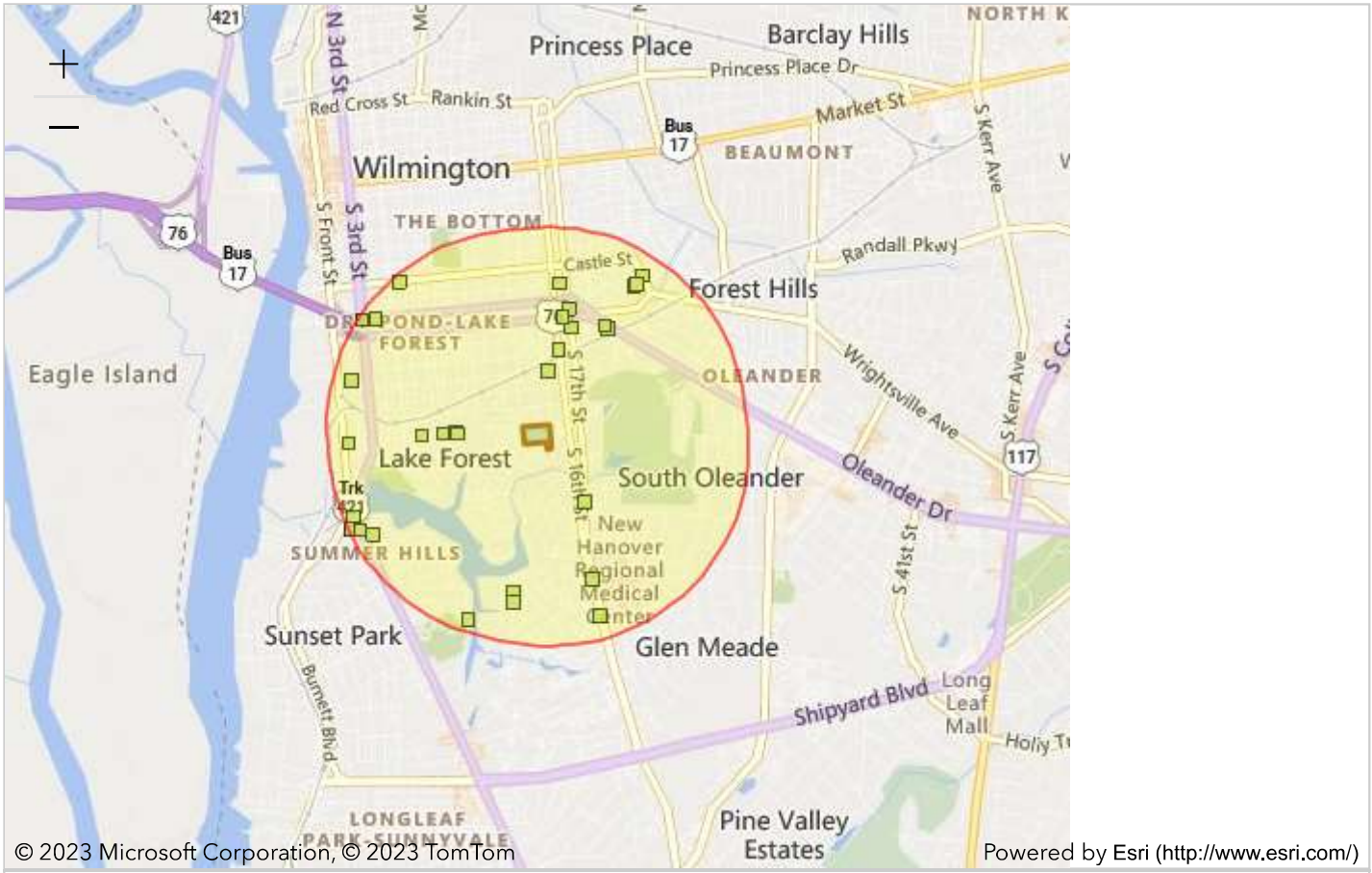
Name **Distance**

☐ WAVE TRANSIT BUS DEPOT - CASTLE ST (WILMINGTON,NC) (https://enviro.epa.gov/enviro/ICIS_DETAIL_REPORTS_NPDESID.icis_tst?npvalue=1&npvalue=13&npvalue=14&npvalue=3&npvalue=4&npvalue=5&npvalue=6&rvalue=13&npvalue=2&npvalue=7&npvalue=8&npvalue=11&npvalue=12&npdesid=NCG080685) 0.80 mile

REGISTRY_ID: 110018563810
LATITUDE: 34.22894
LONGITUDE: -77.93369
PGM_SYS_ACRNM: NPDES
PGM_SYS_ID: NCG080685
LOCATION_ADDRESS: 1110 CASTLE ST
CITY_NAME: WILMINGTON
COUNTY_NAME: NEW HANOVER
STATE_CODE: NC
EPA_REGION: Region 4
POSTAL_CODE: 28401
FIPS_CODE: NC129
HUC_CODE:

☐ NEW HANOVER REGIONAL MEDICAL CENTER (WILMINGTON,NC) (https://enviro.epa.gov/enviro/ICIS_DETAIL_REPORTS_NPDESID.icis_tst?npvalue=1&npvalue=13&npvalue=14&npvalue=3&npvalue=4&npvalue=5&npvalue=6&rvalue=13&npvalue=2&npvalue=7&npvalue=8&npvalue=11&npvalue=12&npdesid=NCG500310) 0.69 mile

REGISTRY_ID: 110001487310
LATITUDE: 34.206418
LONGITUDE: -77.924294
PGM_SYS_ACRNM: NPDES
PGM_SYS_ID: NCG500310
LOCATION_ADDRESS: 2131 S 17TH ST
CITY_NAME: WILMINGTON
COUNTY_NAME: NEW HANOVER
STATE_CODE: NC
EPA_REGION: Region 4
POSTAL_CODE: 28402
FIPS_CODE: NC129
HUC_CODE:



Report question: *Within 1 of a Hazardous waste site?* yes

Modify question by entering a new buffer distance and unit for the selected study area:

1 miles Submit

Name	Distance
☐ ARMY RESERVE XVIII AIRBORNE CORPS (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NC0210021929)	0.94 mile
☐ UNION OIL CO OF CA UNION CHEMICAL DIV (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCD991278060)	0.98 mile
☐ FAST FARE NC 735 (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCD986175602)	0.95 mile
☐ ALL METAL RECYCLING (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCS000001858)	0.27 mile
☐ K&R HYDRAULICS (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCR000003343)	0.90 mile
☐ COSTELLO HOME COMPLAINT (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCS000001468)	0.75 mile
☐ PREMIERE PRINTING & APPAREL (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCS000002597)	0.82 mile
☐ COASTAL DRY CLEANERS (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCD981030349)	0.88 mile
☐ REYNOLD BODY SHOP INC (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCD982162661)	0.99 mile

Name	Distance
☐ ARCHITECTUAL ELEMENTS (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCS000001436)	0.72 mile
☐ CAPPS INDUSTRIAL SUPPLY (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCS000000477)	0.89 mile
☐ COASTAL DRY CLEANERS (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCD981031552)	0.97 mile
☐ WILLIAMS CLEANERS (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCD981864010)	0.59 mile
☐ CONTAINER PRODUCTS CORPORATION (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCR000008854)	0.52 mile
☐ SOLSTAS LAB- WILMINGTON PATH (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCR000145276)	0.32 mile
☐ TRU COLORS BREWERY (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCR000174490)	0.40 mile
☐ EXXON RAS #43957 (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCD986207116)	0.93 mile
☐ CV SPECIALISTS INC (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NC0000092718)	0.89 mile
☐ SEASIDE DESIGNS INC (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCR000002741)	0.50 mile
☐ W K HOBBS INC (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCD986175412)	0.34 mile
☐ WALGREENS 17087 (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCR000157099)	0.55 mile
☐ CVS PHARMACY #5760 (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCR000154401)	0.57 mile
☐ GARDEN LAKE ESTATES (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCD078809365)	0.33 mile
☐ US MED EXPRESS PHARMACY MANAGEMENT INC DBA US MED EXPRESS PHARMACY (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCR000170126)	0.57 mile
☐ PENNINGTON RESIDENCE (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCS000001511)	0.80 mile
☐ NOVANT HEALTH NEW HANOVER REGIONAL MEDICAL CENTER (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCD982141335)	0.69 mile
☐ COOMBS PROPERTY (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCS000002532)	0.90 mile
☐ BONEY`S RADIATOR SERVICE INC (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCD072005218)	0.38 mile
☐ STURDY CORPORATION (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCD982168981)	0.95 mile
☐ NAPA AUTO PARTS (WILMINGTON,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCD986228435)	0.84 mile

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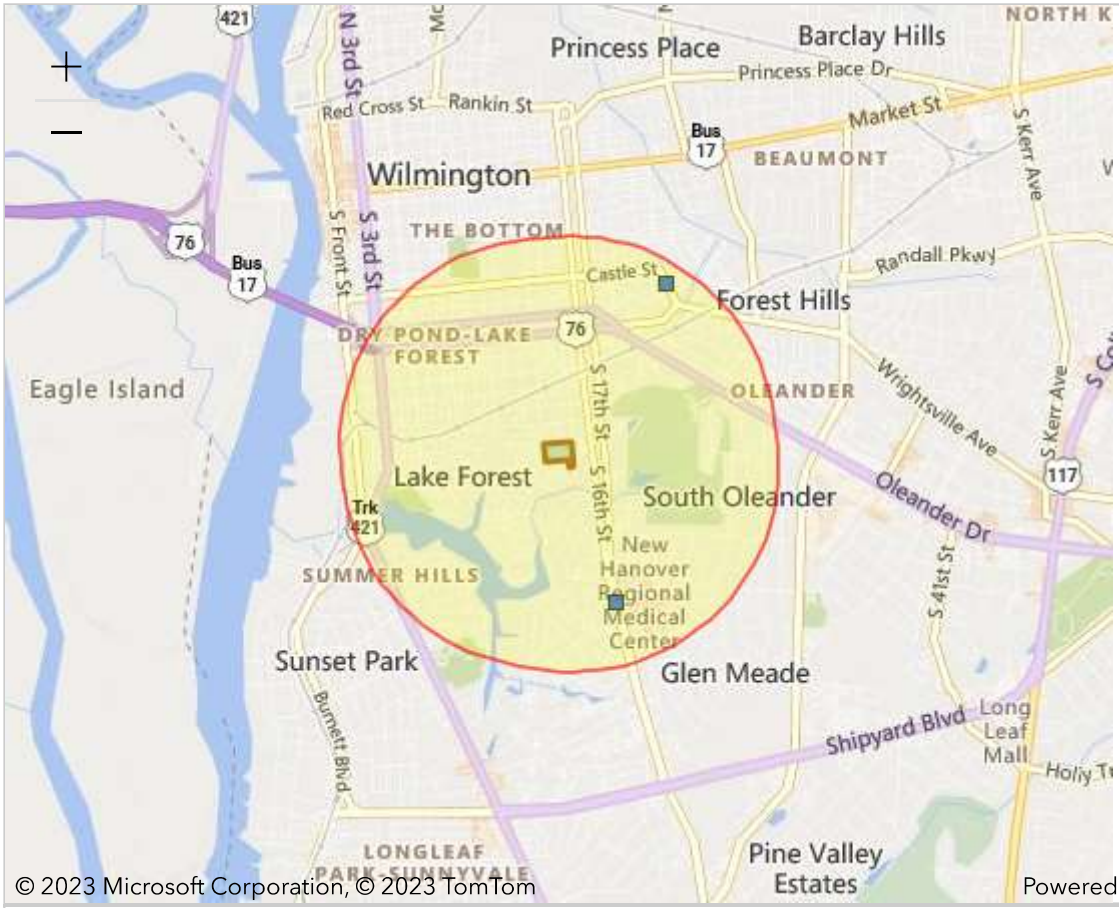
US Environmental Protection Agency (//www.epa.gov)



Report question: ***Within 1 of a Air emissions site?*** **yes**

Modify question by entering a new buffer distance and unit for the selected study area:

1 | miles | Submit

Name	Distance
NEW HANOVER REGIONAL MEDICAL CENTER (WILMINGTON,NC) (https://enviro.epa.gov/enviro/airsquery.detail_plt_view?p_id=NC0000003706500340)	0.69 mile

REGISTRY_ID: 110001487310
LATITUDE: 34.206418
LONGITUDE: -77.924294
PGM_SYS_ACRNM: AIR
PGM_SYS_ID: NC0000003706500340
LOCATION_ADDRESS: 2131 SOUTH 17TH STREET
CITY_NAME: WILMINGTON
COUNTY_NAME:
STATE_CODE: NC
EPA_REGION: Region 4
POSTAL_CODE: 28401
FIPS_CODE: NC129
HUC_CODE:

Name	Distance
☐ MCW ENTERPRISES, INC. DBA MARTIN CUSTOM WOODWORKING (WILMINGTON,NC)	0.90 mile

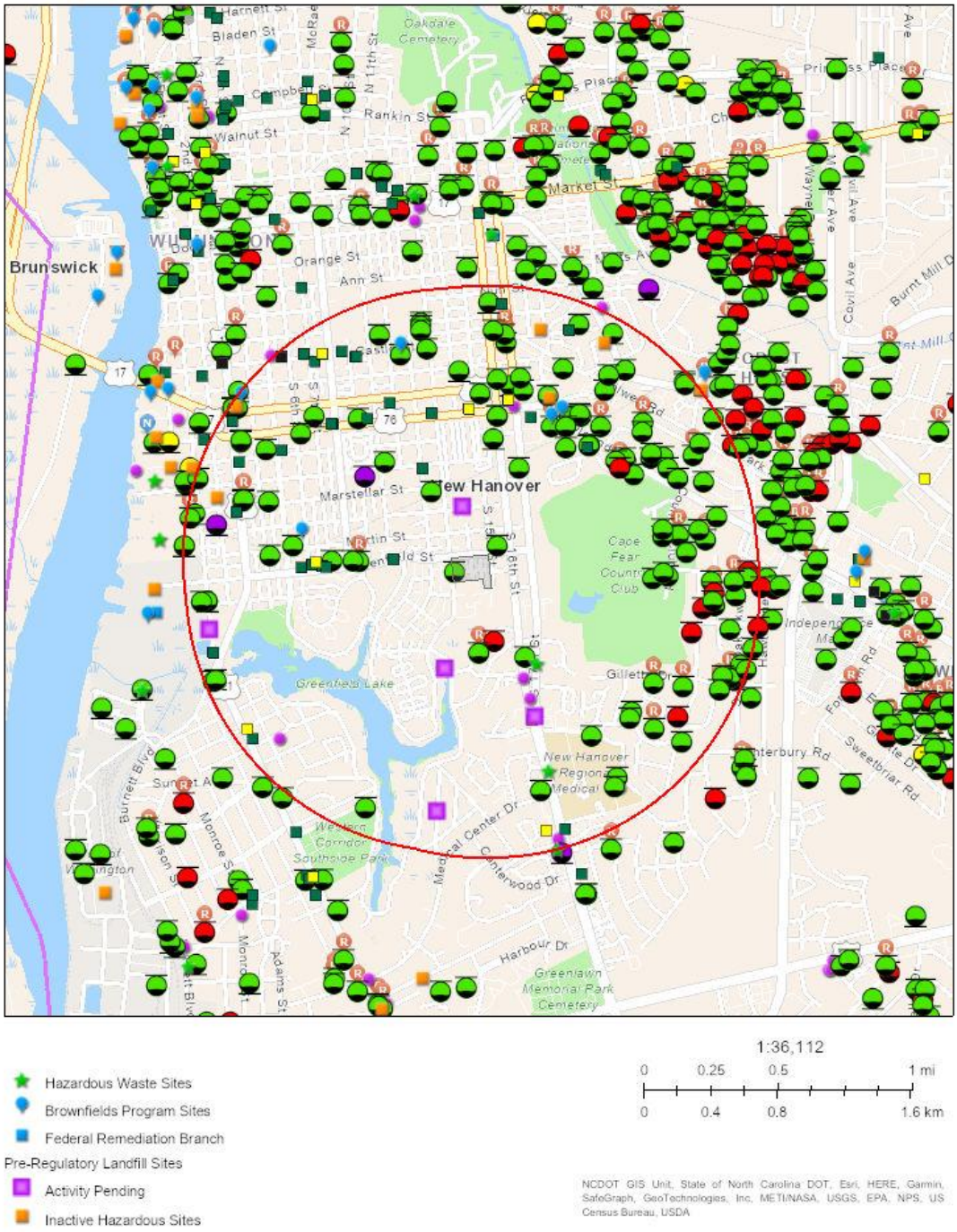
(https://enviro.epa.gov/enviro/airsquery.detail_plt_view?p_id=NC0000003706500378)
REGISTRY_ID: 110070882104
LATITUDE: 34.22898
LONGITUDE: -77.91998
PGM_SYS_ACRNM: AIR
PGM_SYS_ID: NC0000003706500378
LOCATION_ADDRESS: 2149 WRIGHTSVILLE AVE
CITY_NAME: WILMINGTON
COUNTY_NAME:
STATE_CODE: NC
EPA_REGION: Region 4
POSTAL_CODE: 28403
FIPS_CODE: NC129
HUC_CODE:

Screening Report - Houston Moore with 1-mile Buffer

Area of Interest (AOI) Information

Area : 101,872,789.88 ft²

May 3 2023 15:14:12 Eastern Daylight Time



Hazardous Waste Sites

#	HANDLER_ID	SITE_NAME	Count
1	NCD982141335	NEW HANOVER REGIONAL MEDICAL CENTER	1
2	NCR000145276	SOLSTAS LAB- WILMINGTON PATH	1

Brownfields Program Sites

#	BF_ID	BF_Name	Count
1	1005706065	WSFX Television Studio	1
2	1602512065	WSFX - New	1
3	2402820065	National Linen Service (RN)	1
4	2405820065	Wave Transit Maintenance	1
5	2508521065	Exxon Wooster (RN)	1

Inactive Hazardous Sites

#	EPAID	SITENAME	Count
1	NONCD0002074	MILLER & TALENT RADIATOR SERVICE	1
2	NONCD0002645	UNIFIRST	1
3	NONCD0002838	WACCAMAW TRANSPORT (FORMER)	1
4	NONCD0003064	EXXON WOOSTER ST FRMR	1
5	NONCD0001391	BROWNS RADIATOR SERVICE	1

Pre-Regulatory Landfill Sites

#	EPAID	SITENAME	Count
1	NONCD0000756	Wilmington Ldfl (Kidder St)	1
2	NONCD0000757	East Lake Shore Drive LF	1
3	NONCD0000758	Wisteria Dr. LF	1
4	NONCD0000759	Tallman Clay Pit	1
5	NONCD0000760	Optimist Ball Park	1

DryCleaning Remediation Program

#	Site_ID	Site_Name	Count
1	DC650020	Coastal Dry Cleaners	1

DryCleaning Historical Boiler Inspections

#	Drycleaner	InspDate	Count
1	BAREFOOT PRESTO CLEANERS	5/29/1973	1
2	BLACKLEDGE & JIGGS CLEANERS	4/29/1974	1
3	CAISON BROS LAUNDRY & CLEANERS	5/20/1971	1
4	COASTAL DRY CLEANERS	8/19/1992	1
5	COASTAL DRY CLEANERS	8/20/1988	1
6	NEW PROGRESSIVE CLEANERS	6/15/1980	1
7	SUNSHINE LAUNDRY & CLEANERS	12/18/1980	1
8	WILLIAMS DRY CLEANERS	5/13/1980	1

DryCleaning City Directories

#	Drycleaner	Address	Count
1	Williams Cleaners & Dyers	1001 South 3rd, Wilmington,NC	1
2	Knight's Lake Village Launderette	1040 Greenfield Street, Wilmington,NC	1
3	Lake Village Launderette	1040 Greenfield Street, Wilmington,NC	1
4	Caison Brothers Laundry & Cleaners	1219 Dawson, Wilmington,NC	1
5	Caison Brothers Laundry & Cleaners	1219-21 Dawson, Wilmington,NC	1
6	Caison Brothers Laundry & Cleaners	1411 Dawson Street, Wilmington,NC	1
7	Southside Laundry & Cleaners	1411 Dawson Street, Wilmington,NC	1
8	Econ-O-Wash	1411 Dawson, Wilmington,NC	1
9	O'Crowley's Cleaners Inc	1710 Dawson, Wilmington,NC	1
10	Modern Sunset Cleaners	1921 Carolina Beach Road, Wilmington,NC	1
11	H & S Automatic Laundry	2001 Caslte Street, Wilmington,NC	1
12	Auto-Matic Laundry The	2032 Oleander Drive, Wilmington,NC	1
13	Snow White Laundry & Cleaners	2213 South Front, Wilmington,NC	1
14	Glen Meade Cleaners	2247 South 17th Street, Wilmington,NC	1
15	Laundry Center The	2501 Wrightsville Avenue, Wilmington,NC	1
16	Woodlawn Cleaners	2607 South Front, Wilmington,NC	1
17	Speedway Laundry	2709 South Front, Wilmington,NC	1
18	One Hour Martinizing	3rd Street, Wilmington,NC	1
19	City-Dixie Laundry & Dry Cleaners Inc	412 South 17th Street, Wilmington,NC	1
20	City-Dixie Laundry Inc & Dry Cleaners	412 South 17th, Wilmington,NC	1
21	City-Dixie Laundry & Dry Cleaners Inc	412-20 South 17th, Wilmington,NC	1
22	Snow White Laundry & Cleaners	501 Wright, Wilmington,NC	1
23	Econ-Wash	511 Greenfield, Wilmington,NC	1
24	Sunshine Laundry	601 Greenfield, Wilmington,NC	1
25	Sunshine Laundry & Cleaners	601 Greenfield, Wilmington,NC	1
26	Sunshine Laundry & Cleaners	601-609 Greenfield Street (28401), Wilmington,NC	1
27	Sunshine Laundry & Dry Cleaners	601-609 Greenfield Street, Wilmington,NC	1
28	Spic-N-Span Launderette	617 Greenfield Street, Wilmington,NC	1
29	Spic-N-Span	617 Greenfield, Wilmington,NC	1
30	Spic-N-Span Launderette	617 Greenfield, Wilmington,NC	1
31	Modern Laundry & Dry Cleaners	621 Castle Street, Wilmington,NC	1
32	Modern Laundry & Dry Cleaners Inc	621 Castle Street, Wilmington,NC	1
33	Lee Sam Laundry & Dry Cleaners	621 Castle, Wilmington,NC	1
34	Friendly Cleaners	621 Greenfield, Wilmington,NC	1
35	Snow White Laundry & Cleaners	704 Castle, Wilmington,NC	1
36	Economy Washerteria	717 Dawson, Wilmington,NC	1
37	Williams Cleaners & Dyers	808 South 11th, Wilmington,NC	1
38	Williams' Cleaner & Shirt Laundry	808 South 17th Street (28401), Wilmington,NC	1
39	Williams' Cleaners & Shirt Laundry	808 South 17th Street, Wilmington,NC	1
40	Williams Cleaners & Shirt Laundry	808 South 17th, Wilmington,NC	1
41	Wilmington Dry Cleaners (c)	813 Castle, Wilmington,NC	1

42	Community Cleaners (c)	904 Castle, Wilmington,NC	1
43	Rainbow Laundry Center	906 Castle Street, Wilmington,NC	1
44	Modern Laundry & Dry Cleaners	921 Dawson Street, Wilmington,NC	1
45	Burnett Julia R	1202 Meares Street, Wilmington,NC	2
46	White Cloud Laundry	1204 South 3rd Street, Wilmington,NC	2
47	H & S Automatic Laundry	2001 Castle, Wilmington,NC	2
48	One Hour Martinizing	545 Castle Street, Wilmington,NC	2
49	New Progressive Cleaners	717 Castle Street, Wilmington,NC	2
50	Laundry Center	719 Dawson Street, Wilmington,NC	2

UST Incidents

#	IncidentNumber	IncidentName	Count
1	5658	GREENFIELD TRANSMISSION	1
2	5799	WILLISTON and Gregory SCHOOLs	1
3	6186	NATIONAL LINEN SERVICE	1
4	6417	OLD TRAVELERS STA.-3RD ST.	1
5	6492	SUNBEAM 805	1
6	6501	NH CO-SCHOOL BUS GARAGE	1
7	6536	CENTURY MILLS	1
8	6928	WILMINGTON TRANSIT AUTHORITY	1
9	7051	FAST FARE NC 717	1
10	7285	SOUTHERN BELL TELEPHONE CO., #29160	1
11	8263	TEXTILE LEASE	1
12	10031	EXXON #4-3957	1
13	10987	OLD TOPS PETROLEUM CORP.	1
14	11053	PEPSI COLA - WAREHOUSE	1
15	14640	PEPSI COLA - OFFICE	1
16	14834	PEPSI-S. WAREHOUSE UST	1
17	14838	PEPSI-N. WAREHOUSE UST	1
18	14965	SHELL MINUTE MAN FOOD MART #11	1
19	15095	CITY OF WILMINGTON-HOUSTON MOORE	1
20	15294	US ARMY RESERVE CENTER-WILMINGTON	1
21	15883	DAIRY MART STORE # 5416	1
22	16652	NAZARETH CENTURY MILLS	1
23	17504	DASH-N # 8	1
24	17789	ALLEN, CARL RESIDENCE	1
25	18169	TEXTILE LEASE-2	1
26	18327	FAST FARE # 735	1
27	18954	WASHINGTON & CATLETT SCHOOL	1
28	19010	DEKAY ESTATE	1
29	19122	NH CO-SCHOOL BUS GARAGE/2	1
30	19132	VISION CABLE	1
31	19136	SPRINGER EUBANK BULK PLANT	1
32	19222	MAJOR GAS	1
33	19478	MAJOR GAS	1
34	19626	NEW HANOVER MEMORIAL HOSPITAL	1
35	20337	PANTRY #937- RELEASE2	1
36	20350	PANTRY #937	1
37	20370	Park Ave - 2521	1
38	21295	SMITTY'S FOREIGN CAR SERVICE	1
39	21931	NH CO-SCHOOL BUS GARAGE/3	1
40	22052	OLD TRAVELERS STATION MIDSTATE	1

41	22151	WHITESELL RESIDENCE	1
42	22180	PRO STITCH	1
43	23232	STEPHENSON RESIDENCE	1
44	32030	DUKES TIRE (FORMER)	1
45	32075	BEATTY RESIDENCE	1
46	32087	KIDDER RESIDENCE	1
47	32089	RANEY RESIDENCE	1
48	32095	LONGLEY SUPPLY COMPANY	1
49	32137	SHUFORD PROERTY	1
50	32138	RICHARDS PROPERTY	1
51	32167	HILL RESIDENCE (BILL & KAREN)	1
52	32180	WISHON PROPERTY (BILL) - B	1
53	32189	RUSHER PROPERTY (ED)	1
54	32190	TAYLOR RESIDENCE (ETHEL)	1
55	32217	WSFX TV STATION (FORMER)	1
56	32271	STOKES PORPERTY (BILL)	1
57	32293	GAS CENTER, INC.	1
58	32296	TAYLOR PROPERTY (SABRA)	1
59	32318	SAM'S AUTO REPAIR	1
60	32331	CORNELIUS PROPERTY (J.C.)	1
61	32332	WILLETTS PROPERTY (MARGARET)	1
62	32339	HUTCHINS PROPERTY (ROBERT)	1
63	32340	WILLIAMS PROPERTY (ROBERT)	1
64	32341	RIESZ PROPERTY (FRED)	1
65	32390	CARR PROPERTY (JIM)	1
66	32408	GAS CENTER #6	1
67	32427	Swiers Property, Christian	1
68	32430	WILDMAN PROPERTY (MARY)	1
69	32437	MARTIN PROPERTY, SANDRA	1
70	32439	O'BRIANT RESIDENCE (ROBERT)	1
71	32480	FAITH TEMPLE CHURCH	1
72	32519	FAIRWAY DRIVE-1723	1
73	32554	SOUTH CHURCHILL DR-1940	1
74	32578	S.LIVE OAK PKWY-1701	1
75	32589	FINLEY RESIDENCE	1
76	32590	LIVE OAK PKWY-1828	1
77	32662	HOWE PRE-K SCHOOL	1
78	32671	COUNTRY CLUB RD-1614	1
79	32723	WEATHERSBEE RESIDENCE	1
80	32733	1206 COUNTRY CLUB RD	1
81	32742	PARMELE DRIVE- 1506	1
82	32746	1724 LIVE OAK	1
83	32798	OLEANDER DR -2116	1

84	32849	ANDERSON, COLETTE PROPERTY	1
85	32862	ACACIA DRIVE - 2225	1
86	32868	AZALEA DRIVE - 1712	1
87	32872	ZIP MART (FORMER)	1
88	32874	HILLSBORO ROAD - 1940	1
89	32881	DAWSON STREET-406	1
90	32891	PARMELE DRIVE - 1414	1
91	32906	GILLETTE DRIVE - 2502	1
92	32932	MAGNOLIA PLACE-1530	1
93	32939	KENT ST -1900 (TIME WARNER CABLE)	1
94	32961	NEW HANOVER COUNTY HOSPITAL	1
95	32968	COUNTRY CLUB ROAD-1310	1
96	32991	BROOKHAVEN ROAD-1944	1
97	32995	S. LIVE OAK PARKWAY-1708	1
98	43041	S. 17th street-2131 (NHRM)	1
99	43109	Wrightsville Country Store	1
100	43122	FARMERS SUPPLY CO.	1
101	43136	Circle K Store #2720937	1
102	43196	Magnolia Place - 1523	1
103	43219	S. 16th Street -511	1
104	47860	1220 Castle Street Property	1
105	47862	Han-Dee Hugo 32	1
106	48047	Country Club Road - 1418	1
107	48249	GPM Scotchman #3325	1
108	48292	South Live Oak Parkway - 1800	1
109	48442	S. Chruchill Dr. - 1812	1
110	48801	Mimosa Place - 2514	1
111	48895	Noecker Jeffrey Property	1
112	48954	TELEGRAPH ROAD PROPERTIES LLC	1
113	*No Data*	corner of 9th and dawson streets	1
114	*No Data*	CAROLINA POWER & LIGHT COMPANY	1
115	*No Data*	AZTEC MASONRY	1
116	*No Data*	Highland Drive-2408	1
117	*No Data*	COASTAL DRY CLEANERS	1
118	*No Data*	CITY OF WILMINGTON-SWEENEY WTP	1
119	*No Data*	WILLIAMS CLEANERS	1
120	*No Data*	WASTE MANAGEMENT OF WILMINGTON	1
121	*No Data*	COLEMAN COMPLEX (WILMIGNTON TRAFFIC DEPT.)	1
122	*No Data*	CAPE INDUSTRIES	1
123	*No Data*	CAPE FEAR COUNTRY CLUB	1
124	*No Data*	F. P. FENSEL SUPPLY CO.	1
125	*No Data*	ATLANTIC SHORES DIST.	1

126	*No Data*	GUY PROPERTY	1
127	*No Data*	G. FLOWERS REALTY	1
128	*No Data*	BELK BEERY	1

Non-UST Incidents

#	IncidentNumber	IncidentName	Count
1	5613	AMERADA HESS CORP.	1
2	5957	GREENFIELD TRANSMISSION: OIL-WATER SEPARATOR	1
3	5959	GREENFIELD TRANSMISSION: LEAKS, SLOPS, SPILLS	1
4	17470	KELLY RESIDENCE HEATING OIL TANK	1
5	21509	BEATTY HEATING OIL SPILL	1
6	85164	ACKERMAN TOOLS	1
7	85371	LEIGH MOTOR COMPANY	1
8	85409	AMERADA HESS FUEL RELEASE	1
9	86016	TONY RICHARDSON RESIDENCE	1
10	87730	Former Cape Fear Oil Company	1
11	94018	Hess Corporation	1
12	94191	Wells Transmission	1
13	94368	Bell Property	1

UST Active Facilities

#	FACILID	FACILNAME	Count
1	00-0-0000020304	TOMMYS MINI-MART #3	1
2	00-0-0000020318	HANDEE HUGOS 32	1
3	00-0-0000021405	SCOTCHMAN 3325	1
4	00-0-0000021740	GAS CENTER 7	1
5	00-0-0000022086	GOGAS 1	1
6	00-0-0000022263	WRIGHTSVILLE COUNTRY STORE	1
7	00-0-0000022450	NEW HANOVER REG MEDICAL CENTER	1
8	00-0-0000022549	CHARTER FOOD STORE LOC. 0618	1
9	00-0-0000022618	HOP-IN #593	1
10	00-0-0000027191	SUNSET PARK ELEMENTARY SCHOOL	1
11	00-0-0000033897	HILLHAVEN REHAB & CONVAL. CTR.	1
12	00-0-0000040829	PHOENIX MART 780	1

Land Use Restriction and/or Notices

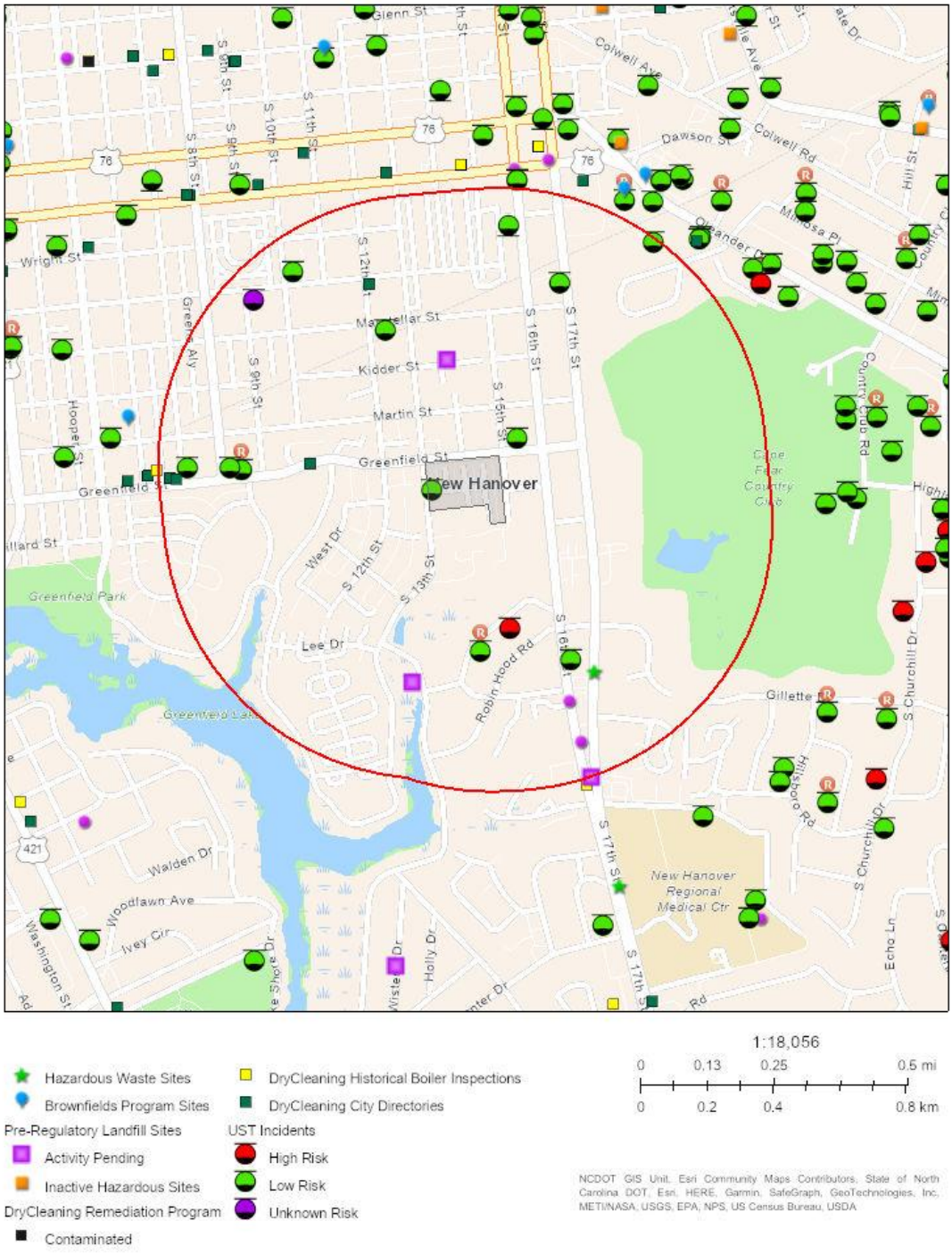
#	Prj_Number	Prj_Name	Count
1	16025-12-065	WSFX - New	1
2	WI-1091	OLD TOPS PETROLEUM CORP.	1
3	WI-1804	SMITTY'S FOREIGN CAR SERVICE	1
4	WI-1862	OLD TRAVELERS STATION MIDSTATE	1
5	WI-1868	WHITESELL RESIDENCE	1
6	WI-2334	BEATTY RESIDENCE	1
7	WI-2430	HILL RESIDENCE (BILL & KAREN)	1
8	WI-7023	RUSHER PROPERTY (ED)	1
9	WI-7069	WSFX TV STATION (FORMER)	1
10	WI-7147	GAS CENTER, INC.	1
11	WI-7164	TAYLOR PROPERTY (SABRA)	1
12	WI-7168	SAM'S AUTO REPAIR	1
13	WI-7483	FINLEY RESIDENCE	1
14	WI-7777	ACACIA DRIVE - 2225	1
15	WI-7785	AZALEA DRIVE - 1712	1
16	WI-7822	PARMELE DRIVE - 1414	1
17	WI-7839	GILLETTE DRIVE - 2502	1
18	WI-7866	MAGNOLIA PLACE-1530	1
19	WI-7945	BROOKHAVEN ROAD-1944	1
20	WI-7949	S. LIVE OAK PARKWAY-1708	1
21	WI-891	OLD TRAVELERS STA.-3RD ST.	1
22	WI-948	FAST FARE NC 717	1

Screening Report - Houston Moore with 0.5-mile Buffer

Area of Interest (AOI) Information

Area : 29,254,601.91 ft²

May 3 2023 15:23:44 Eastern Daylight Time



Hazardous Waste Sites

#	HANDLER_ID	SITE_NAME	Count
1	NCR000145276	SOLSTAS LAB- WILMINGTON PATH	1

Pre-Regulatory Landfill Sites

#	EPAID	SITENAME	Count
1	NONCD0000756	Wilmington Ldfl (Kidder St)	1
2	NONCD0000757	East Lake Shore Drive LF	1

DryCleaning City Directories

#	Drycleaner	Address	Count
1	Knight's Lake Village Launderette	1040 Greenfield Street, Wilmington,NC	1
2	Lake Village Launderette	1040 Greenfield Street, Wilmington,NC	1
3	Spic-N-Span Launderette	617 Greenfield Street, Wilmington,NC	1
4	Spic-N-Span	617 Greenfield, Wilmington,NC	1
5	Spic-N-Span Launderette	617 Greenfield, Wilmington,NC	1
6	Friendly Cleaners	621 Greenfield, Wilmington,NC	1
7	Burnett Julia R	1202 Meares Street, Wilmington,NC	2

UST Incidents

#	IncidentNumber	IncidentName	Count
1	6536	CENTURY MILLS	1
2	7051	FAST FARE NC 717	1
3	7285	SOUTHERN BELL TELEPHONE CO., #29160	1
4	15095	CITY OF WILMINGTON-HOUSTON MOORE	1
5	16652	NAZARETH CENTURY MILLS	1
6	32095	LONGLEY SUPPLY COMPANY	1
7	32339	HUTCHINS PROPERTY (ROBERT)	1
8	32662	HOWE PRE-K SCHOOL	1
9	32742	PARMELE DRIVE- 1506	1
10	32891	PARMELE DRIVE - 1414	1
11	48954	TELEGRAPH ROAD PROPERTIES LLC	1
12	*No Data*	AZTEC MASONRY	1
13	*No Data*	COLEMAN COMPLEX (WILMIGNTON TRAFFIC DEPT.)	1

Non-UST Incidents

#	IncidentNumber	IncidentName	Count
1	94191	Wells Transmission	1

UST Active Facilities

#	FACILID	FACILNAME	Count
1	00-0-0000020304	TOMMYS MINI-MART #3	1
2	00-0-0000022086	GOGAS 1	1
3	00-0-0000033897	HILLHAVEN REHAB & CONVAL. CTR.	1

Land Use Restriction and/or Notices

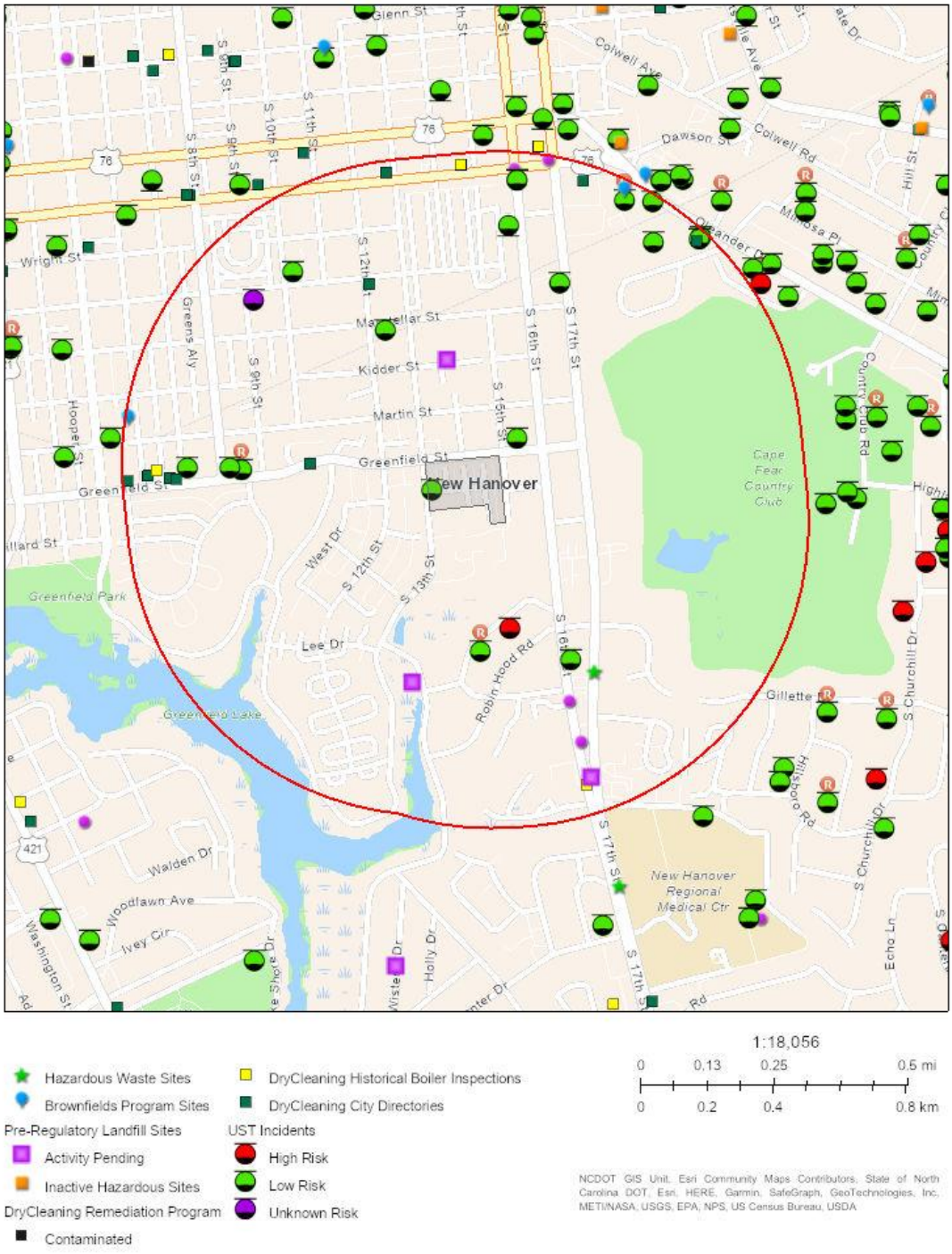
#	Prj_Number	Prj_Name	Count
1	WI-7822	PARMELE DRIVE - 1414	1
2	WI-948	FAST FARE NC 717	1

Screening Report - Houston Moore with 3,000-foot Buffer

Area of Interest (AOI) Information

Area : 36,582,471.01 ft²

May 3 2023 15:25:36 Eastern Daylight Time



Hazardous Waste Sites

#	HANDLER_ID	SITE_NAME	Count
1	NCR000145276	SOLSTAS LAB- WILMINGTON PATH	1

Brownfields Program Sites

#	BF_ID	BF_Name	Count
1	1602512065	WSFX - New	1
2	2402820065	National Linen Service (RN)	1

Pre-Regulatory Landfill Sites

#	EPAID	SITENAME	Count
1	NONCD0000756	Wilmington Ldfl (Kidder St)	1
2	NONCD0000757	East Lake Shore Drive LF	1
3	NONCD0000759	Tallman Clay Pit	1

DryCleaning Historical Boiler Inspections

#	Drycleaner	InspDate	Count
1	BAREFOOT PRESTO CLEANERS	5/29/1973	1
2	CAISON BROS LAUNDRY & CLEANERS	5/20/1971	1
3	SUNSHINE LAUNDRY & CLEANERS	12/18/1980	1

DryCleaning City Directories

#	Drycleaner	Address	Count
1	Knight's Lake Village Launderette	1040 Greenfield Street, Wilmington,NC	1
2	Lake Village Launderette	1040 Greenfield Street, Wilmington,NC	1
3	Caison Brothers Laundry & Cleaners	1219 Dawson, Wilmington,NC	1
4	Caison Brothers Laundry & Cleaners	1219-21 Dawson, Wilmington,NC	1
5	Caison Brothers Laundry & Cleaners	1411 Dawson Street, Wilmington,NC	1
6	Southside Laundry & Cleaners	1411 Dawson Street, Wilmington,NC	1
7	Econ-O-Wash	1411 Dawson, Wilmington,NC	1
8	O'Crowley's Cleaners Inc	1710 Dawson, Wilmington,NC	1
9	Auto-Matic Laundry The	2032 Oleander Drive, Wilmington,NC	1
10	Econ-Wash	511 Greenfield, Wilmington,NC	1
11	Sunshine Laundry	601 Greenfield, Wilmington,NC	1
12	Sunshine Laundry & Cleaners	601 Greenfield, Wilmington,NC	1
13	Sunshine Laundry & Cleaners	601-609 Greenfield Street (28401), Wilmington,NC	1
14	Sunshine Laundry & Dry Cleaners	601-609 Greenfield Street, Wilmington,NC	1
15	Spic-N-Span Launderette	617 Greenfield Street, Wilmington,NC	1
16	Spic-N-Span	617 Greenfield, Wilmington,NC	1
17	Spic-N-Span Launderette	617 Greenfield, Wilmington,NC	1
18	Friendly Cleaners	621 Greenfield, Wilmington,NC	1
19	Burnett Julia R	1202 Meares Street, Wilmington,NC	2

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4	15095	CITY OF WILMINGTON-HOUSTON MOORE	1
5	16652	NAZARETH CENTURY MILLS	1
6	19222	MAJOR GAS	1
7	19478	MAJOR GAS	1
8	20337	PANTRY #937- RELEASE2	1
9	20350	PANTRY #937	1
10	32095	LONGLEY SUPPLY COMPANY	1
11	32217	WSFX TV STATION (FORMER)	1
12	32339	HUTCHINS PROPERTY (ROBERT)	1
13	32662	HOWE PRE-K SCHOOL	1
14	32742	PARMELE DRIVE- 1506	1
15	32891	PARMELE DRIVE - 1414	1
16	43122	FARMERS SUPPLY CO.	1
17	43136	Circle K Store #2720937	1
18	48954	TELEGRAPH ROAD PROPERTIES LLC	1
19	*No Data*	AZTEC MASONRY	1
20	*No Data*	COLEMAN COMPLEX (WILMIGNTON TRAFFIC DEPT.)	1

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UST Active Facilities

#	FACILID	FACILNAME	Count
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2	00-0-0000021740	GAS CENTER 7	1
3	00-0-0000022086	GOGAS 1	1
4	00-0-0000022549	CHARTER FOOD STORE LOC. 0618	1
5	00-0-0000022618	HOP-IN #593	1
6	00-0-0000033897	HILLHAVEN REHAB & CONVAL. CTR.	1

Land Use Restriction and/or Notices

#	Prj_Number	Prj_Name	Count
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2	WI-7069	WSFX TV STATION (FORMER)	1
3	WI-7822	PARMELE DRIVE - 1414	1
4	WI-948	FAST FARE NC 717	1

PHASE I ENVIRONMENTAL SITE ASSESSMENT



WILMINGTON HOUSING AUTHORITY - HOUSTON MOORE

1601 S. 13TH STREET
WILMINGTON, NORTH CAROLINA 28401

ECS PROJECT NO. 49:20026

FOR: WILMINGTON HOUSING AUTHORITY

APRIL 19, 2023

April 19, 2023

Ms. Chauntrell Burns
Wilmington Housing Authority
1524 S. 16th Street
Wilmington, North Carolina 28401

ECS Project No. 49: 20026

Reference: Phase I Environmental Site Assessment Report, Wilmington Housing Authority - Houston Moore, 1601 S. 13th Street, Wilmington, New Hanover County, North Carolina 28401

Dear Ms. Burns:

ECS Southeast, LLP (ECS) is pleased to provide you with the results of our Phase I Environmental Site Assessment (ESA) for the referenced site. ECS's services were provided in general accordance with ECS Proposal No. 49:36219P authorized on April 4, 2023 and generally meet the requirements of ASTM E1527-21, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, which ECS believes to be in accordance with EPA Standards and Practices for All Appropriate Inquiries contained in 40 CFR Part 312.

If there are questions regarding this report, or a need for further information, please contact the undersigned.

Sincerely,

ECS Southeast, LLP





Shannon L. Priester, REM
Environmental Project Manager
spriester@ecslimited.com
919-861-9910

Justin Roth, CHMM
Environmental Principal
jroth@ecslimited.com
843-654-4448

Project Summary

Wilmington Housing Authority - Houston Moore
1601 S. 13th Street
Wilmington, North Carolina 28401

Report Section		No Further Action	REC	CREC	HREC	BER	Comment
4.0	User Provided Information	✔					
5.1	Federal ASTM Databases	✔					
5.2	State ASTM Databases				✔		ECS considers the historical present of a UST with a clean closure to represent a Historical Recognized Environmental Condition (HREC).
5.3	Additional Environmental Record Sources	✔					
6.0	Historical Use Information	✔					
7.0	Site and Area Reconnaissance	✔					
8.0	Additional Services					✔	ECS considers the potential for asbestos-containing materials and lead-based paint to represent a business environmental risk (BER).
9.0	Interviews	✔					

ENVIRONMENTAL PROFESSIONAL STATEMENT

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



Shannon L. Priester, REM
Environmental Project Manager
April 19, 2023



Justin Roth, CHMM
Environmental Principal
April 19, 2023

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1.0 EXECUTIVE SUMMARY

ECS Southeast, LLP (ECS) was contracted by Wilmington Housing Authority to perform an ASTM E1527-21, Phase I Environmental Site Assessment (ESA) of the Wilmington Housing Authority - Houston Moore property located at 1601 S. 13th Street in Wilmington, New Hanover County, North Carolina (i.e. subject property). This Executive Summary is an integral part of the Phase I ESA report. ECS recommends that the report be read in its entirety.

The subject property is identified by the New Hanover County Geographical Information Services (GIS) database as Parcel Identification Number (PIN) R05418-005-001-000 and is owned by Wilmington Housing Authority. The approximate 8.38-acre subject property consists of a multifamily residential complex named Houston Moore. The subject property consists of eighteen two-story apartment buildings, a community center, and associated parking areas. Each tenant space consists of a common area, a kitchen, three bedrooms, and a utility closet. Each structure is heated and cooled with electrical heat pumps and electrical HVAC. The community center consists of office space, a kitchen, storage space, a laundry room, a utility closet, and a classroom. A playground is located on the southwestern portion. Dumpsters are located on the northern, central, and southern portions. Eight roads are located at the subject property. At least eight pad-mounted transformers were observed on the northern, central, and southern portions. The subject property is serviced with water and sewer services from Cape Fear Public Utility Authority, electricity from Duke Energy, and natural gas from Piedmont Natural Gas.

The subject property is located in a residential and commercial area of Wilmington, North Carolina. Based on our review of site topography and conditions observed during the site reconnaissance, it is our opinion that properties to the northwest are presumed to be hydrogeologically up-gradient of the subject property. The adjoining properties to the north of the subject property consist of Greenfield Street, beyond which is a Dollar General; residence, South 14th Street, and wooded land; to the east by South 15th Street, beyond which is an office building occupied by the Social Security Administration, Willard Street, and partially wooded land; to the south by Lake Forest Academy and Board of Education offices; and to the west by South 13th Street, beyond which are multifamily residences. ECS did not identify environmental issues associated with current occupants or activities at adjoining or nearby properties that are believed to present a recognized environmental condition (REC) at the subject property.

Based on the records search, site reconnaissance and interviews, it appears that the subject property consisted of agricultural land from at least 1938 until the residential housing complex was constructed in 1952. The property has consisted of the housing complex and paved access roads since at least 1956. Historical records prior to 1938 were not reasonably ascertainable for the subject property.

Portions of the subject property were historically and currently used as agricultural land. Such use of the subject property may have included the storage and use of beneficial agricultural products such as fungicides, herbicides, and/or fertilizers. The legal use (i.e., in accordance with the manufacturers' specifications and customary practices) of such substances, in the course of standard operational practices does not constitute a “release to the environment.” Further, reasonably ascertainable information was not observed during the course of our assessment, including historical records

review, or field reconnaissance observations regarding past site history, that a past release of such substances had occurred. Therefore, the mere presence of this historical land use does not meet the definition of a REC.

Our review of historical information for adjoining or nearby properties identified the area as originally occupied by agricultural land. The Lake Forest School has been depicted to the south since at least 1949. Residential development began to the west by at least 1949 and to the north by at least 1998. The church to the north has been present since at least 1963. Family Dollar has been present to the north since at least 2016. The northeastern adjacent commercial building has been present since at least 1986 and has been occupied by Southern Bell Telephone Building, a residence, and AT&T. The eastern adjacent commercial buildings have been present since at least 1996 and have been occupied by Taft, Taft, and Haigler, Housing Authority of Wilmington, US Social Security Administration, Housing & Economic Opportunities, Glover Plaza Incorporated, Section 8 Administration, and Jervay House, LLC. Part of Lake Forest School to the south was demolished by 2018. The area has remained relatively unchanged since this time.

A regulatory database search report was provided by Environmental Risk Information Services (ERIS). The database search involves researching a series of Federal, State, Local, and other databases for facilities and properties that are located within specified minimum search distances from the subject property. The report identified the subject property on the FINDS, LUST, and UST databases researched.

> The **subject property** was identified on the LUST database. The subject property was listed as City of Wilmington-Houston Moore with an address of 1601 South 13th Street. According to the ERIS report, minor soil contamination was identified in 1994 during the removal of three heating oil underground storage tanks (USTs). ECS reviewed a Tank Closure by Removal Report prepared by UTTS Environmental dated September 1994, which indicated that eight soil samples were collected from beneath the USTs at the time of the closure, two of which exceeded the North Carolina Department of Environmental Quality (NCDEQ) total petroleum hydrocarbons (TPH) action limit. Groundwater was not encountered during excavation; therefore, no groundwater samples were collected. Additional notes in the report indicated that UTTS Environmental performed a Site Sensitivity Evaluation (SSE) for the site to establish a final cleanup level. Based on site specific factors, UTTS Environmental determined the final cleanup level to be 1,200 ppm TPH by EPA Method 9071. Therefore, only one soil sample exceeded the SSE level. ECS reviewed a Comprehensive Site Assessment (CSA) Report prepared by UTTS Environmental dated November 1995. This report indicated that three monitoring wells were installed and laboratory analysis of groundwater samples did not exceed the NCAC 2L standards for petroleum components. A No Further Action level was issued by the NCDEQ dated June 2003. The NCDEQ closed the incident in June 2003. ECS considers the historical release with an unrestricted closed regulatory status to represent a historical recognized environmental condition (HREC).

The ERIS report identified several off-site properties within the minimum ASTM search distances. Based on our review of reasonably ascertainable public records, ECS does not consider the listings to be potential sources of soil, groundwater, or vapor impact to the subject property. Therefore, ECS does not believe that the off-site listings would have issues that result in RECs for the subject property.

ASTM E1527-21 defines a "*data gap*" as: "a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information." A *"significant data gap"* is "a data gap that affects the ability of the environmental professional to identify a recognized environmental condition." Significant data gaps that would be expected to impact our ability to render a professional opinion concerning the subject property were not identified.

We have performed a Phase I Environmental Site Assessment in general conformance with the scope and limitations of ASTM E1527-21 of the Wilmington Housing Authority - Houston Moore property located at 1601 S. 13th Street, in Wilmington, New Hanover County, North Carolina, the subject property. Any exceptions to, or deletions from, this practice are described in Section 2.6 of this report. This assessment has not revealed recognized environmental conditions in connection with the subject property.

The following Historical Recognized Environmental Condition (HREC) was identified during this assessment:

- ECS considers the historical release on the subject property with an unrestricted closure to represent a HREC.

The following Business Environmental Risks (BERs) and/or additional considerations were identified:

- ECS considers the potential for asbestos-containing materials or lead-based paint to represent a BER.

1.1 Recommendations

It is the opinion of ECS Southeast, LLP that additional environmental assessment of the subject property is not warranted at this time.

Table of Critical Dates

Item	Date
Report Issuance Date & Declaration by Environmental Professional	April 19, 2023
Date of Interview with Past and Present Owners and Occupants	April 12, 2023
Date of Recorded Environmental Cleanup Lien Search	Not provided
Date of Government Record Review Report	April 5, 2023
Date of Visual Inspection of Subject and Adjoining Properties	April 12, 2023
Earliest Date of Interviews, Lien Search, Record Reviews, and Inspections	April 5, 2023
Report Viability Date	October 2, 2023

According to ASTM E1527-21: "...an environmental site assessment meeting or exceeding this practice is presumed to be viable when it is conducted within 180 days prior to the date of acquisition of the subject property (or, for transactions not involving an acquisition such as a lease or refinance, the date of the intended transaction). The dates of the components presented in 4.6.2(i), (iii), (iv), and (v) for interviews, review of government records, visual inspections, and declaration by environmental professional, shall be identified in the report. Completion of searches for recorded environmental cleanup liens (4.6.2(ii)) is a user responsibility; however, if the user has engaged the environmental professional to conduct these searches, then that date shall also be identified in the report." The 180-day viability period begins with the date of the earliest referenced resource noted above.

ECS was neither contracted to obtain information on environmental liens or activity and use limitations, nor have we been provided with information on environmental liens or activity and use limitations for our review. It should be noted by the User of this report that if the User does not obtain activity and use limitation information, the User that is seeking to qualify for an innocent landowner, a contiguous property owner, or a bona fide prospective purchaser liability defense may lose these rights to qualify under CERCLA.

2.0 INTRODUCTION

2.1 Purpose and Reason for Performing Phase I ESA

The purpose of the ESA was to:

- evaluate the probability of impact to the surface water, groundwater and/or soils within the property boundaries through a review of regulatory information and a reconnaissance of the subject property and vicinity;
- evaluate historical land usage to identify previous conditions that could potentially impact the environmental condition of the subject property;
- conduct all appropriate inquiry as defined by ASTM E1527-21 and 40 CFR Part 312;
- evaluate the potential for on-site and off-site contamination; and,
- provide a professional opinion regarding the potential for environmental impact at the site and a list of Recognized Environmental Conditions (RECs).

The ESA should allow the Users the opportunity to qualify for landowner liability protection under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) provided certain stipulations are met. The landowner liability protections are: an innocent landowner, a contiguous property owner, or a bona fide prospective purchaser. The User must meet the protection stipulations detailed in CERCLA to qualify as well as meet the User Obligations contained within the ASTM E1527-21 standard.

The reason for conducting this ESA is to perform all appropriate inquiries into the uses and prior ownership of the subject property as part of due diligence associated with a CDBG-DR funds grant.

2.2 Scope of Services

The environmental assessment was conducted in general accordance with ASTM E1527-21, which is in accordance with EPA Standards and Practices for All Appropriate Inquiry (40 CFR §312.10). The environmental assessment was conducted under the supervision or responsible charge of an individual that qualifies as an environmental professional, as defined in 40 CFR §312.10.

ECS was contracted by Wilmington Housing Authority to perform an ASTM E1527-21, Phase I Environmental Site Assessment (ESA) of the Wilmington Housing Authority - Houston Moore property located at 1601 S. 13th Street in Wilmington, New Hanover County, North Carolina. ECS was contracted to provide services in addition to the ASTM Standard scope of service. This additional information is presented in Section 8.0 of this report.

2.3 Definitions

ASTM E1527-21 defines a "*recognized environmental condition (REC)*" as "(1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment." For the purposes of this definition,

"likely" is that which is neither certain nor proved, but can be expected or believed by a reasonable observer based on the logic and/or experience of the environmental professional, and/or available evidence, as stated in the report to support the opinions given therein.

ASTM E1527-21 defines a "*historical recognized environmental condition (HREC)*" as "a previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls (for example, activity and use limitations or other property use limitations). A historical recognized environmental condition is not a recognized environmental condition."

ASTM E1527-21 defines a "*controlled recognized environmental condition (CREC)*" as "recognized environmental condition affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (for example, activity and use limitations or other property use limitations)."

ASTM E1527-21 defines a "*business environmental risk (BER)*" as "a risk that can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of commercial real estate, not necessarily related to those environmental issues required to be investigated in this practice." This assessment does not include ASTM Non-Scope items or identify business environmental risks unless specifically requested by the Client, and included in Section 8.0 of this report.

ASTM E1527-21 defines a "*de minimis condition" as "a* condition related to a release that generally does 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. A condition determined to be a *de minimis* condition is not a recognized environmental condition nor a controlled recognized environmental condition."

2.4 Limitations

The ESA involved a reconnaissance of the subject property and contiguous properties and a review of regulatory and historical information in general accordance with the ASTM standard and EPA regulation referenced herein. No non-scope considerations or additional issues such as asbestos, radon, wetlands or mold were investigated, unless otherwise described in Section 8.0 of this report.

Note: Although potential vapor migration was considered as part of this ASTM E1527-21 Phase I ESA, the Phase I ESA was not intended to fully meet the requirements of the Vapor Encroachment Screen per the ASTM E2600 guide, which is beyond the scope of an ASTM E1527-21 Phase I ESA.

The conclusions and/or recommendations presented within this report are based upon a level of investigation consistent with the standard of care and skill exercised by members of the same profession currently practicing in the same locality under similar conditions. The intent of this assessment is to identify the potential for recognized environmental conditions in connection with the subject property; however, no environmental site assessment can completely eliminate

uncertainty regarding the potential for recognized environmental conditions in connection with the subject property. The findings of this ESA are not intended to serve as an audit for health and safety compliance issues pertaining to improvements or activities at the subject property. ECS is not liable for the discovery or elimination of hazards that may potentially cause damage, accidents or injury.

Observations, conclusions and/or recommendations pertaining to environmental conditions at the subject property are necessarily limited to conditions observed, and or materials reviewed at the time this study was undertaken. It was not the purpose of this study to determine the actual presence, degree or extent of contamination, if any, at this subject property. This could require additional exploratory work, including sampling and laboratory analysis. No warranty, expressed or implied, is made with regard to the conclusions and/or recommendations presented within this report.

This report is provided for the exclusive use of Wilmington Housing Authority. This report is not intended to be used or relied upon in connection with other projects or by other unidentified third parties. The use of this report by any undesignated third party or parties will be at such party's sole risk and ECS disclaims liability for any such third party use or reliance. The use of this report is subject to the same terms, conditions and scope of work reflected in this report and the associated proposal.

2.5 Data Gaps

ASTM E1527-21 defines a "*data gap*" as: "a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information." A *"significant data gap"* is "a data gap that affects the ability of the environmental professional to identify a recognized environmental condition."

Use of the subject property was generally documented back to 1938. Historical use of the subject property prior to 1938 could not be discerned based on reasonably ascertainable records reviewed. The ASTM E1527-21 standard requires review of reasonably ascertainable historical resources to develop a history of previous uses of the subject property, adjoining properties, and surrounding area from 1940 or first developed use, at intervals not to exceed five years. Review of reasonably ascertainable historical sources for this assessment has identified gaps in the historical record that exceeded five years during which the use of the subject property could not be discerned, which is considered a data failure per ASTM E1527-21. However, based on the historical use as agricultural and residential land and the other information obtained, this data failure would not be expected to alter the findings of this ESA, and is not considered to be a significant data gap.

2.6 Limiting Conditions/Deviations

ASTM E1527-21 requires that the Environmental Professional identify limiting conditions, deletions, and deviations from the ASTM E1527-21 standard, if any, including client-imposed constraints. The following limiting conditions and/or deviations were encountered during the performance of this Phase I ESA:

ECS entered a representative number of units and cannot attest to environmental conditions that were not observed.

3.0 SUBJECT PROPERTY DESCRIPTION

3.1 Subject Property Location and Legal Description

Site Name	Wilmington Housing Authority - Houston Moore
Property Address	1601 S. 13th Street
Property City, State	Wilmington, North Carolina
Property County	New Hanover County
Number of Parcels	One
Property ID Number(s)	R05418-005-001-000
Property Size	8.38 Acres
Property Owner of Record	Wilmington Housing Authority
Property Legal Description	Not provided

3.2 Physical Setting and Hydrogeology

USGS Topographic Map	
Quad Designation	Wilmington, North Carolina
Date	2019
Subject Property Settings	
Geologic Province	Coastal Plains
Average Subject Property Elevation (in feet or meters)	Ranging from approximately 25 feet to 35 feet above mean sea level
General Sloping Direction	East to southeast
Bodies of Water	None
Presumed Direction of Groundwater Flow	East to southeast
Up-gradient Property Direction	Northwest

Nearby Properties' Setting	
General Sloping Direction	South to southeast
Bodies of Water	Unnamed tributary depicted to the east
General Directions of Surface Flow	South to southeast
Presumed Direction of Groundwater Flow	Groundwater flow is expected to flow consistent with surface flow

Regional influences such as impermeable soils may have an impact on groundwater flow. The actual groundwater flow direction cannot be determined without site-specific information obtained through the gauging of groundwater monitoring wells.

Regional groundwater flow in the immediate vicinity of the site is generally to the south to southeast. Properties to the northwest and west are presumed to be “hydrogeologically upgradient” and properties to the east and south are presumed to be “hydrogeologically downgradient” in relation to the subject property. The topographic and hydrogeologic term “crossgradient” is used for properties that are neither upgradient nor downgradient, but generally on a line from the subject property perpendicular to the presumed direction of groundwater flow. Other properties not in the same drainage watershed are presumed to be “disconnected” from the groundwater in the immediate vicinity of the subject property.

3.3 Current Use and Description of the Site

The subject property consists of an approximate 8.38-acre tract of land that is currently utilized as the Houston Moore multifamily residential complex. The subject property is improved with 18 two-story residential buildings. The subject property is located in an area that can generally be described as residential and commercial.

4.0 USER PROVIDED INFORMATION

The ASTM standard includes disclosure and obligations of the User to help the Environmental Professional identify the potential for Recognized Environmental Conditions associated with the subject property. The ASTM E1527-21 User Questionnaire was submitted to and completed by Dr. John Batey, representing Wilmington Housing Authority (User of the report). Section 4.0 is based on the completed User Questionnaire. A copy of the completed User Questionnaire is included in Appendix II.

4.1 Title Information

ECS was not provided with title information by the User. If this information is provided following the issuance of this report and information contained therein materially changes the outcome of this report, ECS will issue an addendum to this report.

4.2 Environmental Liens or Activity and Use Limitations

ECS was neither contracted to obtain information on environmental liens or activity and use limitations, nor have we been provided with information on environmental liens or activity and use limitations for our review. It should be noted by the User of this report that if the User does not obtain activity and use limitation information, the User that is seeking to qualify for an innocent landowner, a contiguous property owner, or a bona fide prospective purchaser liability defense may lose these rights to qualify under CERCLA. If the activity use information is provided following issuance of this report and information contained therein materially changes the outcome of this report, ECS will issue an addendum to this report.The User stated they were not aware of any AULs associated with the subject property.

4.3 Specialized Knowledge

The User indicated that they did not possess specialized knowledge of the subject property.

4.4 Commonly Known or Reasonably Ascertainable Information

The User indicated that they were not aware of commonly known environmental concerns related to the subject property.

4.5 Valuation Reduction for Environmental Issues

The subject property is not being sold.

4.6 Owner, Property Manager, and Occupant Information

The User indicated that the property is owned by the Wilmington Housing Authority and Ms. Valerie Webb is the property contact.

4.7 Degree of Obviousness

The User stated that they were not aware of obvious indicators that point to the presence or likely presence of contamination at the subject property.

5.0 RECORDS REVIEW

A regulatory records search of ASTM standard and supplemental databases was conducted for the subject property and is included in Appendix III. The regulatory search report in the appendix includes additional details about the regulatory databases that were reviewed. The regulatory records search involves searching a series of databases for facilities that are located within a specified distance from the subject property. The ASTM standard specifies an approximate minimum search distance from the subject property for each database. Pursuant to ASTM, the approximate minimum search distance may be reduced for each standard environmental record except for Federal NPL site list, and Federal RCRA TSD list. According to ASTM, government information obtained from nongovernmental sources may be considered current if the source updates the information at least every 90 days or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public. The following table indicates the standard environmental record sources and the approximate minimum search distances for each record.

Standard Environmental Record Sources	Approximate Minimum Search Distance Per ASTM (miles)	Subject Property	Off-Site Properties
Federal NPL	1.0	No	0
Federal Delisted NPL	0.5	No	0
Federal CERCLIS	0.5	No	0
Federal CERCLIS NFRAP	0.5	No	0
Federal RCRA CORRACTS	1.0	No	0
Federal RCRA non-CORRACTS TSD	0.5	No	0
Federal RCRA Generators	Subject Site and Adjoining Properties	No	0
Federal IC/EC	Subject Site Only	No	N/A
Federal ERNS	Subject Site Only	No	N/A
State and Tribal Hazardous Waste Sites (NPL Equivalent)	1.0	No	1

Standard Environmental Record Sources	Approximate Minimum Search Distance Per ASTM (miles)	Subject Property	Off-Site Properties
State and Tribal Hazardous Waste Sites (CERCLIS Equivalent)	0.5	No	7
State and Tribal Landfill and/or solid waste disposal sites	0.5	No	3
State and Tribal Leaking Tanks	0.5	Yes	20
State and Tribal Registered UST and AST	Subject Site and Adjoining Properties	Yes	4
State and Tribal IC/ EC	Subject Site Only	No	N/A
State and Tribal Voluntary Cleanup (VCP)	0.5	No	0
State and Tribal Brownfield Sites	0.5	No	0

Based on our knowledge of the subject property and the surrounding area, ECS attempts to verify and interpret this data. While this attempt at verification is made with due diligence, ECS cannot guarantee the accuracy of the record(s) search beyond that of information provided by the regulatory report(s). ECS makes no warranty regarding the accuracy of the database report information included within the regulatory report(s).

The regulatory database search was performed by ERIS, and their report is dated April 5, 2023. ECS did not reduce the minimum ASTM search distances stipulated in the standard. The regulatory databases reviewed by ECS included supplemental databases researched by ERIS.

5.1 Federal ASTM Databases

Neither the subject property nor properties within the designated search radii were identified on the federal databases researched for this assessment.

5.2 State ASTM Databases

5.2.1 State Hazardous Substance Disposal Site (HSDS)

The State HSDS records are locations of uncontrolled and unregulated hazardous waste sites. The records include sites on the NPL as well as those on the state priority list.

The subject property was not listed on the State HSDS database.

The database report lists one property within the designated search radius for this database.

ECS has reviewed the off-site listing reported by ERIS on the State HSDS database. This off-site listing is reported more than 5,200 feet from the subject property. Based on the distance from the subject property, ECS does not believe issues at this off-site listing result in a REC for the subject property. Additional information pertaining to this listing can be viewed in the regulatory report included in Appendix III.

5.2.2 State Hazardous Waste Sites (SHWS) Inventory

State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not be already listed on the federal CERCLIS database.

The subject property was not listed on the SHWS database.

The database report lists seven properties within the designated search radius for this database.

ECS has reviewed the listings reported by ERIS on the SHWS database. These off-site listings are reported more than 3,000 feet from the subject property. Based on the distance from the subject property, ECS does not believe issues at these off-site listings result in RECs for the subject property. Additional information pertaining to these listings can be viewed in the regulatory report included in Appendix III.

5.2.3 Old Landfill Inventory (OLI)

The OLI is an old landfill inventory maintained by the State regulatory agency. The inventory does not include no further action sites and other agency lead sites.

The subject property was not listed on the OLI database.

The database report lists three properties within the designated search radius for this database. One of these properties is discussed below:

> **Wilmington Landfill (Kidder Street), 1225 13th Street.** This listing is located approximately 700 feet north of the subject property. This site is situated in a presumed up-gradient hydrogeological position relative to the subject property. According to the North Carolina Department of Environmental Quality (NCDEQ) Division of Waste Management online records database, the location is listed as a pre-regulatory landfill location. Based on the distance to the subject property, issues at this site are not considered to represent a REC for the subject property.

ECS has reviewed the remaining off-site listings reported by ERIS on the OLI database. These other off-site listings are reported more than 1,700 feet from the subject property. Based on the distance from the subject property, ECS does not believe issues at these off-site listings would result in RECs for the subject property. Additional information pertaining to these listings can be viewed in the regulatory report included in Appendix III.

5.2.4 State Leaking Aboveground Storage Tank (LAST)

The LAST list is a record of reported leaking aboveground storage tank incidents.

The subject property was not listed on the LAST database.

The database report lists one property within the designated search radius for this database.

ECS has reviewed the off-site listing reported by ERIS on the LAST database. This off-site listing is reported more than 2,100 feet from the subject property. Based on the distance from the subject property, ECS does not believe issues at this listing would result in a REC for the subject property. Additional information pertaining to this listing can be viewed in the regulatory report included in Appendix III.

5.2.5 Leaking Underground Storage Tank (LUST) List

The LUST list is a record of reported leaking underground storage tank incidents. The LUST list may also identify properties that have had soil and/or groundwater contamination associated with documented releases from aboveground storage tanks, surface spills, and other sources.

> The **subject property** was identified on the LUST database. The subject property was listed as City of Wilmington-Houston Moore with an address of 1601 South 13th Street. According to the ERIS report, minor soil contamination was identified in 1994 during the removal of three heating oil USTs. ECS reviewed a Tank Closure by Removal Report prepared by UTTS Environmental dated September 1994, which indicated that eight soil samples were collected from beneath the USTs at the time of the closure, two of which exceeded the NCDEQ total petroleum hydrocarbons (TPH) action limit. Groundwater was not encountered during excavation; therefore, no groundwater samples were collected. Additional notes in the report indicated that UTTS Environmental performed a SSE for the site to establish a final cleanup level. Based on site specific factors, UTTS Environmental determined the final cleanup level to be 1,200 ppm TPH by EPA Method 9071. Therefore, only one soil sample exceeded the SSE level. ECS reviewed a CSA Report prepared by UTTS Environmental dated November 1995. This report indicated that three monitoring wells were installed and laboratory analysis of groundwater samples did not exceed the NCAC 2L standards for petroleum components. A No Further Action level was issued by the NCDEQ dated June 2003. The NCDEQ closed the incident in June 2003. ECS considers the historical release with an unrestricted closed regulatory status to represent a HREC.

The database report lists 19 properties within the designated search radius for this database. Two of these properties are discussed below:

Lakeside High School, 1805 South 13th Street. This listing is located on the southern adjoining property. This site is situated in a presumed cross-gradient hydrogeological position relative to the subject property. According to the ERIS report, a heating oil UST was removed in 2004 and laboratory analysis of soils did not identify a release had occurred. The NCDEQ issued a NFA letter in August 2004. Based on the lack of documented releases and clean closure, releases at this site are not considered to represent a REC for the subject property.

Southern Bell Telephone Company #29160, 1507 Greenfield Street. This listing is located approximately 90 feet northeast of the subject property. This site is situated in a presumed down-gradient hydrogeological position relative to the subject property. According to the ERIS report, groundwater contamination was identified in 1992 during the removal of a UST. ECS reviewed an Environmental Site Assessment report prepared by Groundwater Technology dated September 1993. According to the report, four Type II monitoring wells were installed and laboratory analytical results of the groundwater samples indicated the presence of benzene at concentrations in excess of the NCDEQ groundwater quality standards. Laboratory analytical results of the soil samples collected indicated that TPH as gasoline was not detected at concentrations exceeding the action levels. ECS reviewed a Soil Cleanup Report and Closure Request prepared by QST Engineering P.C. dated October 1998. The report indicated that the site had undergone remediation activities to address the groundwater impacts, including a vapor extraction well, vacuum blower module, electrical components, fence enclosure, and an air sparge system. The site had been assigned a low priority ranking in June 1996 and groundwater samples obtained are no longer exceeding action levels at this site. Additional notes in the report indicated that GTI sampled ten monitoring wells in May 1996 and analytical results indicated all hydrocarbon constituent concentrations were below the 2L groundwater standards except for benzene in MW-1. In a letter from the NCDEQ dated April 14, 1998, the NCDEQ stated no further groundwater testing is necessary. The incident was closed with the NCDEQ in November 1998. Based on the closed regulatory status and the topographic relationship to the subject property, releases at this site are not considered to represent a REC for the subject property.

ECS has reviewed the remaining listings reported by ERIS on the LUST database. These other off-site listings are reported more than 1,000 feet from the subject property. Based on the distance from the subject property, ECS does not believe releases at these off-site listings would result in RECs for the subject property. Additional information pertaining to these listings can be viewed in the regulatory report included in Appendix III.

5.2.6 Registered Underground Storage Tank (UST) List

The Registered UST List inventories underground storage tanks registered with the state. This list does not identify USTs that have not been registered or are exempt, such as home heating oil tanks and other unregulated tanks.

The **subject property** was identified on the UST database. The subject property was listed as Houston Moore Terrace NC1-4 with an address of 1601 South 13th Street. According to the Tank Closure by Removal Report prepared by UTTS Environmental, this facility historically contained two 8,000-gallon fuel oil USTs and one 10,000-gallon fuel oil UST installed in 1952 and removed in 1994 that were reportedly utilized to store fuel oil for a boiler onsite. Please

see the LUST listing (Section 5.2.5) for additional information pertaining to this listing. ECS considers the historical release with an unrestricted closed regulatory status to represent a HREC.

The database report identified one UST facility within the ASTM-designated search radius (adjoining properties). In addition, the database report identified four UST facilities within 0.25 mile of the subject property. Two of these facilities are described below:

Lakeside High School, 1805 South 13th Street. This listing is located on the southern adjoining property. This site is situated in a presumed cross-gradient hydrogeological position relative to the subject property. According to the ERIS report, this facility historically contained one 10,000-gallon heating oil UST installed in 1964 and removed in 2004. Please see the LUST listing (Section 5.2.5) for additional information pertaining to this listing. Based on the lack of documented releases and clean closure, releases at this site are not considered to represent a REC for the subject property.

Southern Bell Fac 29160, 1507 Greenfield Street. This listing is located approximately 90 feet northeast of the subject property. This site is situated in a presumed down-gradient hydrogeological position relative to the subject property. According to the ERIS report, this facility historically contained one 12,000-gallon gasoline UST installed in 1964 and removed in 1991. Please see the LUST listing (Section 5.2.5) for additional information pertaining to this listing. Based on the topographic relationship and closed regulatory status, releases at this site are not considered to represent a REC for the subject property.

ECS has reviewed the remaining off-site listings reported by ERIS on the UST database. These other off-site listings are reported more than 1,000 feet from the subject property. Based on the distance from the subject property, ECS does not believe these off-site listings would have issues that present RECs for the subject property. Additional information pertaining to these listings can be viewed in the regulatory report included in Appendix III.

5.3 Additional Environmental Record Sources

5.3.1 Additional Non-ASTM Federal Databases

5.3.1.1 Superfund Enterprise Management System (SEMS)

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL.

The subject property was not listed on the SEMS database.

The database report lists one property within the designated search radius for this database.

ECS has reviewed the property listed on the SEMS database. This off-site listing is reported more than 1,700 feet from the subject property. Based on the distance from the subject property, ECS does not believe this off-site listing would have issues that result in a REC for the subject property. Additional information pertaining to this listing can be viewed in the regulatory report included in Appendix III.

5.3.1.2 US Brownfields

The US Brownfields identifies brownfields properties inventoried with the USEPA. The properties in the listing are addressed by Cooperative Agreement Recipients and Targeted Brownfields Assessments.

The subject property was not listed on the US Brownfield database.

The database report lists one property within the designated search radius for this database.

ECS has reviewed the site listed on the US Brownfield database. This off-site listing is reported more than 1,400 feet from the subject property. Based on the distance from the subject property, ECS does not believe this off-site listing would have issues that result in a REC for the subject property. Additional information pertaining to this listing can be viewed in the regulatory report included in Appendix III.

5.3.1.3 Formerly Used Defense Sites (FUDS)

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

The subject property was not listed on the FUDS database.

The database report lists one property within the designated search radius for this database.

ECS has reviewed the property listed on the FUDS database. This off-site listing is reported more than 4,900 feet from the subject property. Based on the distance from the subject property, ECS does not believe this off-site listing would have issues that result in a REC for the subject property. Additional information pertaining to this listing can be viewed in the regulatory report included in Appendix III.

5.3.1.4 Facility Index System (FINDS)

Facility Index System (FINDS) contains both facility information and 'pointers' to other sources that contain more detail. ERIS includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), Integrated Compliance Information System (ICIS), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

The subject property was identified on the FINDS database for its State Master listing as part of the underground storage tank program. Please see the LUST and UST listings (Section 5.2.5 and 5.2.6) for additional information pertaining to this listing. Based on the closed regulatory status, ECS does not consider releases at this listing is a REC for the subject property.

One off-site property is identified on the FINDS database and is discussed below:

Lakeside, 1805 South 13th Street. This listing is located on the southern adjoining property. This site is situated in a presumed cross-gradient hydrogeological position relative to the subject property. According to the ERIS report, this facility was listed on the FINDS database for its State Master listing as part of the underground storage tank program. Please see the LUST and UST listings (Section 5.2.5 and 5.2.6) for additional information pertaining to this listing. Based on the lack of documented releases and clean closure, issues at this site are not considered to represent a REC for the subject property.

5.3.2 Additional Non-ASTM State Databases

5.3.2.1 Drycleaners

The Drycleaners database identifies potential and known drycleaning sites, active and abandoned.

The subject property was not listed on the Dry Cleaners database.

The database report lists one facility within the designated search radius for this database. This facility is discussed below:

Knight's Lake Village Launderette, 1040 Greenfield Street. This facility is located approximately 1,000 feet west of the subject property. This site is situated in a presumed down-gradient hydrogeological position relative to the subject property. According to the ERIS report, this facility was listed in the 1970 and 1975 historical city directories. Additional information was not available on the NCDEQ Laserfiche database for review. Based on the inferred direction of groundwater flow to the southeast and away from the subject property, issues at this site are not considered to represent a REC for the subject property.

5.3.2.2 Leaking Underground Storage Tanks (LUST TRUST)

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

The subject property was not listed on the LUST TRUST database.

The database report lists five properties within the designated search radius for this database. One of these properties is discussed below:

Bellsouth Telecommunications, 1507 Greenfield Street. This facility is located approximately 90 northeast of the subject property. This site is situated in a presumed down-gradient hydrogeological position relative to the subject property. According to the ERIS report, this facility is associated with a $20,000 deductible amount. Please see the LUST listing (Section 5.2.5) for additional information pertaining to this listing.

ECS has reviewed the remaining properties listed on the LUST TRUST database. These other off-site listings are reported more than 1,000 feet from the subject property. Based on the distance from the subject property, ECS does not believe these off-site listings would have issues that result in RECs for the subject property. Additional information pertaining to these listings can be viewed in the regulatory report included in Appendix III.

5.3.2.3 Incident Management Database (IMD/SPILLS)

The IMD is a database of groundwater and soil contamination incidents.

The subject property was not listed on the SPILLS database.

Three off-site properties are identified on the SPILLS database.

Northside WWTP, 1600 13th Street. This facility is listed as located approximately 35 feet east and downgradient of the subject property. According to the ERIS report, a sanitary sewer outfall release of approximately 25 gallons occurred in 1998 from this location. Additional information is not provided in the ERIS report. Based on the type of release, ECS does not consider this incident to represent a REC for the subject property.

1540 South 13th Street. This facility is listed as located approximately 60 feet west and upgradient of the subject property. According to the ERIS report, a sanitary sewer outfall release occurred in 2007 from this location. Additional information is not provided in the ERIS report. Based on the type of release, ECS does not consider this incident to represent a REC for the subject property.

CFPUA Collection System, 1600 13th Street. This facility is listed as located approximately 600 feet southwest and upgradient of the subject property. According to the ERIS report, a sanitary sewer outfall release of approximately 40 gallons occurred in 2016 from this location. Additional information is not provided in the ERIS report. Based on the type of release, ECS does not consider this incident to represent a REC for the subject property.

5.3.3 Unmapped (Orphan) Facilities and Sites

Two properties were identified on the Orphan Summary List. These facilities are considered unmappable because the facility information in the database is insufficient and/or does not report accurate facility location. Based on available address and location information, ECS did not identify the listed orphan sites within the vicinity of the subject property.

5.4 Regulatory Review Summary

A regulatory database search report was provided by ERIS. The database search involves researching a series of Federal, State, Local, and other databases for facilities and properties that are located within specified minimum search distances from the subject property. The report identified the subject property on the FINDS, LUST, and UST databases researched.

The ERIS report identified several off-site properties within the minimum ASTM search distances. Based on our review of reasonably ascertainable public records, ECS does not consider the listings to be potential sources of soil, groundwater, or vapor impact to the subject property. Therefore, ECS does not believe that the off-site listings would have issues that result in RECs for the subject property.

- ECS considers the historical release with an unrestricted closed regulatory status to represent a HREC.

6.0 HISTORICAL USE INFORMATION

6.1 Aerial Photograph Review

ECS reviewed aerial photographs of the subject property and immediately surrounding properties for evidence of former usage which may indicate potential environmental issues. The aerial photographs were obtained from ERIS. The aerial photographs reviewed were dated 1938, 1949, 1956, 1966, 1975, 1983, 1993, 1998, 2004, 2006, 2008, 2009, 2010, 2012, 2014, 2016, 2018, 2020, and 2021. Aerial photographs dated prior to 1938 were not available for review. The ECS review is dependent on the quality and scale of the photographs.

The following is a description of relevant information from the aerial photographs:

Year(s)	Subject Property	Adjoining Properties	REC? (yes or no)
1938	Property consists of agricultural land	North/east/south/west: Agricultural land with a road, now known as South 13th Street, to the west	No
1949	Similar to 1938	North: Agricultural land East: Agricultural land South: Agricultural land and a structure, consistent with the Lake Forest School West: South 13th Street, beyond which are residential structures	No
1956	Property now consists of residential structures, consistent with the existing housing complex, and paved access roads	Similar to 1949 with additional structures developed to the south at Lake Forest School	No
1966	Similar to 1956	Similar to 1956 with a structure, consistent with the existing church, and Greenfield Street depicted to the north. South 15th Street depicted to the east	No
1975 and 1983	Similar to 1966	Similar to 1966 additional structures developed to the south at Lake Forest School	No

Year(s)	Subject Property	Adjoining Properties	REC? (yes or no)
1993	Residential housing complex and paved access roads	North: Greenfield Street, beyond which is a church and wooded land Northeast: Commercial structures East: South 15th Street, beyond which is wooded land and a pond South: Lake Forest School West: South 13th Street, beyond which are residential structures	No
1998, 2004, 2006, 2008, 2009, 2010, 2012, and 2014	Similar to 1993	Similar to 1993 with an additional residential structure depicted to the north and commercial structures depicted to the east	No
2016	Similar to 2014	Similar to 2014 with a commercial building to the north	No
2018, 2020, and 2021	Similar to 2016	Similar to 2016 except for part of Lake Forest School has been demolished	No

6.2 Sanborn Fire Insurance Map Review

In an effort to identify past uses, ECS reviewed historical fire insurance maps obtained from ERIS for information regarding the subject property and surrounding area. Historical Sanborn™ Fire Insurance Maps (Sanborns) dated 1951 and 1955 provided coverage of the subject property area. A copy of the ERIS report is included in Appendix IV.

The following is a description of relevant information from the Sanborns:

Year(s)	Subject Property	Adjoining Properties	REC? (yes or no)
1951 and 1955	Not depicted	Areas to the north, east, and west are not depicted. South: Lake Forest School	No

6.3 Historical USGS Topographic Maps

Topographic maps are produced by the United States Geological Survey (USGS) for various time periods. ECS reviewed topographic maps of the subject property and immediately surrounding properties for evidence of former usage that may indicate potential environmental issues. The topographic maps were obtained from ERIS and were dated 1942, 1948, 1970, 1979, 1980, 1993, 2013, 2016, and 2019. Topographic maps dated prior to 1942 were not available for review.

The following is a description of relevant information from the topographic maps:

Year(s)	Subject Property	Adjoining Properties	REC? (yes or no)
1942 and 1948	Agricultural land. Topography slopes east to southeast	Several structures to the northwest and a road to the west. Unnamed tributary to the east. Topography slopes south and southeast	No
1970 and 1979	Several structures and Willard Street depicted on the property. Topography slopes east to southeast	Greenfield Street and a church depicted to the north. South 15th street, a structure, and an unnamed tributary depicted to the east. Lake Forest School depicted to the south. South 13th Street depicted to the west. Topography slopes south and southeast	No
1980	Map does not show topographic features	Map does not show topographic features	No
1993	Shading indicates developed area. Willard Street depicted on the property. Topography slopes east to southeast	Greenfield Street and a church depicted to the north. South 15th street and a pond depicted to the east. Lake Forest School depicted to the south. South 13th Street and developed area depicted to the west. Topography slopes south and southeast	No

Year(s)	Subject Property	Adjoining Properties	REC? (yes or no)
2013, 2016, and 2019	Structural layer not depicted Kennedy Plaza, Moore Plaza, East Plaza, and Willard Street depicted on the property. Topography slopes east to southeast	Structural layer not depicted Greenfield Street depicted to the north. South 15th street and an unnamed tributary depicted to the east. Lake Forest School depicted to the south. South 13th Street depicted to the west. Topography slopes south and southeast	No

6.4 City Directory Review

One of the ASTM standard historical sources to be reviewed for previous subject property uses is local street directories, commonly known as City Directories. The purpose of the directory review is to identify past occupants of the subject property, adjoining properties, or nearby properties. In some rural areas, street directories information is limited.

ECS reviewed city directories obtained from ERIS. The subject property address utilized for the research was 1601 S. 13th Street. The directories reviewed were dated 1926, 1930, 1934, 1940, 1943, 1947, 1952, 1956, 1960, 1963, 1967, 1971, 1976, 1981, 1986, 1991, 1996, 2000, 2003, 2008, 2012, 2016, 2020, and 2022. Directories dated prior to 1926 were not available for review. A copy of the city directory report is included in Appendix IV.

The following is a description of relevant information from the city directories:

Year(s)	Listed Occupants	REC? (yes or no)
Subject property (1601 South 13th Street)		
1956	Housing Authority of the City of Wilmington	No
1960 and 1963	Housing Authority of the City of Wilmington and Moore W. Houston Dr. Terrace Homes	No
1967	Housing Authority of the City of Wilmington	No
1971, 1976, 1981, and 1986	City Housing Authority	No
1991	Moore W. Houston Terrace Housing Authority of Wilmington	No
1996	YWCA	No

Year(s)	Listed Occupants	REC? (yes or no)
2000	Houston Moore Terrace and YWCA	No
2003 and 2008	Housing Authority - Wilmington, Houston Moore Terrace, and YWCA	No
2012	Housing Authority - Wilmington and Houston Moore Terrace	No
2016, 2020, and 2022	Houston Moore Terrace	No
Northern Adjacent Property (1313, 1401, and 1423 Greenfield Street)		
1963	Emanuel Baptist Mission (1401)	No
1976, 1981, 1986, and 1991	Immanuel Baptist Mission (1401)	No
1996, 2000, 2003, 2008, and 2012	Hope Baptist Church	No
2016	Hope Baptist Church To All Nations and James Jamison	No
2020 and 2022	Family Dollar Store (1313) and James Jamison (1401)	No
Northeastern Adjacent Property (1507 Greenfield Street)		
1986 and 1991	Southern Bell Telephone Building	No
2000, 2003, and 2008	Residential	No
2012 and 2016	AT&T	No
Eastern Adjacent Property (1524 and 1528 South 16th Street)		
1996 and 2000	Taft Taft and Haigler (1524)	No
2003	Housing Authority of Wilmington and Taft Taft and Haigler (1524) and US Social Security Administration (1528)	No
2008	Housing & Economic Opportunities and Housing Authority of Wilmington (1524) and Social Security Administration (1528)	No
2012	Glover Plaza Incorporated, Housing & Economic Opportunities, and Housing Authority of Wilmington (1524)	No
2016	Housing & Economic Opportunities, Housing Authority of Wilmington, and Section 8 Administration (1524)	No

Year(s)	Listed Occupants	REC? (yes or no)
2020 and 2022	Housing & Economic Opportunities, Housing Authority of Wilmington, and Jervay House, LLC (1524)	No
Southern Adjacent Property (1805 South 13th Street)		
1991 and 1996	Lake Side School	No
2000, 2003, 2008, and 2012	Lakeside High School	No
2016 and 2020	New Hanover County Board of Education	No
Western Adjacent Property (1500-1548 South 13th Street)		
1956, 1960, 1963, 1967, 1971, 1976, 1981, 1986, 1991, 1996, 2000, 2003, 2008, 2016, 2020, and 2022	Residential	No

6.5 Property Tax Files

Property tax files may include records of past ownership, appraisals, maps, sketches, photos, or other information kept by the local jurisdiction for property tax assessment purposes. According to the New Hanover County tax assessor online information, the subject property is owned by Wilmington Housing Authority. The subject property is listed as a 8.38-acre parcel with an identification number of R05418-005-001-000. Additionally, the on-site buildings are reported as being constructed during the 1950s and 1960s and consist of 19 buildings.

6.6 Recorded Land Title Records

Recorded land title records may include leases, land contracts, and AULs recorded by the local jurisdiction. Land title records may provide only a list of the names of previous owners and may be of limited use; however, they may provide useful information about uses or occupancy of the property when employed in combination with other sources.

ECS was not provided with Land Title Records.

6.7 Building Department Records

The term building department records means those records of the local government indicating permissions of the local government to construct, alter or demolish improvements on the property.

Ms. Samantha Potter reviewed the New Hanover County online COAST database on April 5, 2023 to determine if permits or violations were on file for the subject property. According to the database, two plumbing permits were issued in 2021 to install toilets, kitchen sinks, and water heaters.

6.8 Zoning/Land Use Records

The term zoning/land use records refers to records of the local government indicating the uses permitted by the government in particular zones within its jurisdictions. According to the City of Wilmington Zoning Department, the subject property is zoned as MD-17 for High-Density Multiple-Dwelling Residential District.

6.9 Previous Reports

We have not been provided with environmental or engineering assessment reports for the subject property completed by others, nor has ECS completed similar studies or prior assessments of the subject property.

6.10 Other Historical Sources

Other credible historical sources may be reviewed to identify past uses of the subject property. These sources may include websites, county or state road maps, historical society documents, or local library information.

6.10.1 State Environmental Agency

ECS reviewed the North Carolina Department of Environmental Quality (NCDEQ) Division of Waste Management Site Locator Map to determine if the subject property was identified. According to the map, the subject property is associated with an incident.

6.10.2 Local Fire Department

Ms. Samantha Potter contacted the Wilmington Fire Department on April 5, 2023 regarding environmental spills, incidents, or code violations for the subject property. At the time of this report, a response had not been received. If a response is received, and materially changes the conclusions of the report, ECS will issue an addendum to this report.

6.10.3 Local Health Department

Ms. Samantha Potter contacted the New Hanover County Environmental Health Department on April 5, 2023 regarding water supply wells, septic system permits, or spills of petroleum or hazardous products. According to New Hanover County, there are no records for the subject property.

6.11 Historical Use Summary

Based on the records search, site reconnaissance and interviews, it appears that the subject property consisted of agricultural land from at least 1938 until the residential housing complex was constructed in 1952. The property has consisted of the housing complex and paved access roads since at least 1956. Historical records prior to 1938 were not reasonably ascertainable for the subject property.

Portions of the subject property were historically and currently used as agricultural land. Such use of the subject property may have included the storage and use of beneficial agricultural products such as fungicides, herbicides, and/or fertilizers. The legal use (i.e., in accordance with the manufacturers' specifications and customary practices) of such substances, in the course of standard operational practices does not constitute a "release to the environment." Further, reasonably ascertainable information was not observed during the course of our assessment, including historical records review, or field reconnaissance observations regarding past site history, that a past release of such substances had occurred. Therefore, the mere presence of this historical land use does not meet the definition of a REC.

Our review of historical information for adjoining or nearby properties identified the area as originally occupied by agricultural land. The Lake Forest School has been depicted to the south since at least 1949. Residential development began to the west by at least 1949 and to the north by at least 1998. The church to the north has been present since at least 1963. Family Dollar has been present to the north since at least 2016. The northeastern adjacent commercial building has been present since at least 1986 and has been occupied by Southern Bell Telephone Building, a residence, and AT&T. The eastern adjacent commercial buildings have been present since at least 1996 and have been occupied by Taft Taft and Haigler, Housing Authority of Wilmington, US Social Security Administration, Housing & Economic Opportunities, Glover Plaza Incorporated, Section 8 Administration, and Jervay House, LLC. Part of Lake Forest School had been demolished by 2018. The area has remained relatively unchanged since this time.

No obvious indications of RECs were identified in the historical data review.

7.0 SITE AND AREA RECONNAISSANCE

7.1 Methodology

Mr. Brycen Braswell of ECS conducted the field reconnaissance on April 12, 2023. ECS was accompanied during the reconnaissance by Maintenance Manager, Mr. Cory Petermann, and Property Manger, Dr. John Batey. The weather at the time of the reconnaissance was 75 degrees Fahrenheit and sunny. Observations were made from a walking reconnaissance around the perimeter, around the buildings, through the buildings and along several transects across the subject property. Access or visibility limitations, if any, are discussed in Section 2.6. Subject property photographs are included in Appendix V.

7.2 On-Site Features

7.2.1 Observed Geologic, Hydrogeologic, Hydrologic, and Topographic Conditions

The subject property is relatively flat with no hydrogeologic features observed.

7.2.2 Past Site Uses

During the site reconnaissance, ECS observed the subject property for evidence of past occupancy or usage that could indicate the presence of environmental concerns. Based on current site conditions observed during the site reconnaissance, ECS did not identify evidence of past uses or occupancy that would indicate the presence of a REC for the subject property.

7.2.3 Current Uses

The subject property consists of a multifamily residential complex named Houston Moore. The subject property consists of eighteen two-story apartment buildings, a community center, and associated parking areas. Each tenant space consists of a common area, a kitchen, three bedrooms, and a utility closet. Each structure is heated and cooled with electrical heat pumps and electrical HVAC. The community center consists of office space, a kitchen, storage space, a laundry room, a utility closet, and a classroom. A playground is located on the southwestern portion. Dumpsters are located on the northern, central, and southern portions. Eight roads are located at the subject property. At least eight pad-mounted transformers were observed on the northern, central, and southern portions. The subject property is serviced with water and sewer services from Cape Fear Public Utility Authority, electricity from Duke Energy, and natural gas from Piedmont Natural Gas.

The table below lists pertinent features of interest that were assessed for the subject property. Relevant information regarding pertinent features is discussed further in this section.

Feature	Yes	No
Hazardous Substances and Petroleum Products in Connection with Identified Uses		✔

Feature	Yes	No
Hazardous Substance and Petroleum Product Containers Not in Connection with Identified Uses		✔
Drums, Totes, and Intermediate Bulk Containers		✔
Unidentified Substance Containers		✔
Underground or Aboveground Storage Tanks		✔
Strong, Pungent or Noxious Odors		✔
Standing Surface Water and Pools or Sumps Containing Liquids Likely to be Hazardous Substances or Petroleum Products		✔
Known or Suspect PCB-containing Equipment	✔	
Stains or Corrosion to Floors, Walls or Ceilings		✔
Stained Soil or Pavement		✔
Floor Drains and Sump Pumps		✔
Pits, Ponds or Lagoons		✔
Stressed Vegetation		✔
Solid Waste Mounds or Non-natural Fill Materials		✔
Water/Wastewater Discharge		✔
Groundwater Wells		✔
Septic Systems or Cesspools		✔
Hydraulic Equipment (Elevators, Lifts, Compactors, Etc.)		✔
Dry Cleaning		✔
Specialized Industrial Equipment		✔
Onsite Electrical Generators		✔
Oil-water Separators		✔

Known or Suspect PCB-containing Equipment

At least eight transformers are located on the northern, central, and southern portions of the subject property. The transformers are owned and maintained by Duke Energy. Non-PCB indicators were not observed. Staining, which could be indicative of leakage, was not observed on the transformer or surfaces in the vicinity of the transformer.

Note that fluorescent light ballasts, caulk, paint, or other materials that may contain PCBs, and are located inside and are part of the structures, are outside the scope of this practice.

7.3 Adjoining and Nearby Properties

Contiguous and nearby properties were observed during a walking and vehicular reconnaissance of the subject property boundary and public places. The subject property is located in a mixed commercial-residential area of Wilmington, New Hanover County, North Carolina.

Direction	Description	Relative Gradient	REC
North	Greenfield Street followed by Family Dollar, a church, wooded land, and on-going construction	Cross-gradient	No
East	South 15th Street followed by undeveloped land and an office structure	Down-gradient	No
South	Grassed land and an elementary school	Down-gradient	No
West	South 13th Street followed by residential development	Up-gradient	No

Pertinent features of environmental concern were not observed on adjoining or nearby properties during the site reconnaissance.

7.4 Site and Area Reconnaissance Summary

According to our site observations and a review of adjoining and nearby properties, the subject property consists of a multifamily residential development, Houston Moore. The subject property is located in a mixed commercial-residential area. Details pertaining to our on-site and off-site observations are referenced previously. We did not identify RECs associated with the subject property or neighboring properties and businesses during the reconnaissance.

8.0 ADDITIONAL SERVICES

ASTM guidelines identify non-scope issues, which are beyond the scope of this practice. Non-scope issues have the potential to be business environmental risks. Some of these non-scope issues include; asbestos-containing building materials, radon, lead-based paint, lead in drinking water, wetlands, and mold.

We were authorized to conduct the following non-scope issues for the subject property:

Asbestos Visual Survey

Based on the age of the buildings on the property (built in 1952), asbestos-containing materials (ACM) were likely utilized in their construction. ECS conducted a brief visual survey of the property and observed the following potentially suspect ACM: drywall joint compound, floor tile, mastic, textured ceiling, and roofing materials.

This cursory visual survey is not considered to be a complete inspection for ACM. ECS recommends that an asbestos survey be performed by a licensed/certified asbestos inspector prior to conducting demolition or renovation activities that could disturb suspect ACM.

Lead Based Paint

Lead-based paint (LBP) was banned for residential use in 1978 and most commercial use ceased around that time. The building was constructed in 1952. We observed flaking or peeling paint in various vacant tenant spaces at the time of our site visit. Based on the date of construction, there is the potential that LBP was used during the construction of the on-site structure. However, the presence of LBP or lack thereof, can only be determined by surveying and testing of representative painted surfaces.

9.0 INTERVIEWS

During site reconnaissance, Mr. Brycen Braswell interviewed Property Manager, Dr. John Batey. He has been associated with the subject property for approximately one year, and has significant knowledge related to the subject property and associated activities. He indicated the subject property was historically used to house military personnel and shipbuilders. The subject property is serviced with electrical HVAC and electrical heat pumps. Dr. Batey indicated the structures at the subject property were not historically heated and cooled.

Dr. Batey indicated that he is not aware of 1) any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, at, or from the subject property; 2) any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the subject property; or 3) any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

10.0 FINDINGS AND CONCLUSIONS

10.1 Findings and Opinions

The subject property is identified by the New Hanover County GIS database as PIN R05418-005-001-000 and is owned by Wilmington Housing Authority. The approximate 8.38-acre subject property consists of a multifamily residential complex named Houston Moore. The subject property consists of eighteen two-story apartment buildings, a community center, and associated parking areas. Each tenant space consists of a common area, a kitchen, three bedrooms, and a utility closet. Each structure is heated and cooled with electrical heat pumps and electrical HVAC. The community center consists of office space, a kitchen, storage space, a laundry room, a utility closet, and a classroom. A playground is located on the southwestern portion. Dumpsters are located on the northern, central, and southern portions. Eight roads are located at the subject property. At least eight pad-mounted transformers were observed on the northern, central, and southern portions. The subject property is serviced with water and sewer services from Cape Fear Public Utility Authority, electricity from Duke Energy, and natural gas from Piedmont Natural Gas.

The subject property is located in a residential and commercial area of Wilmington, North Carolina. Based on our review of site topography and conditions observed during the site reconnaissance, it is our opinion that properties to the northeast are presumed to be hydrogeologically up-gradient of the subject property. The adjoining properties to the north of the subject property consist of Greenfield Street, beyond which is a Dollar General; residence, South 14th Street, and wooded land; to the east by South 15th Street, beyond which is an office building occupied by the Social Security Administration, Willard Street, and partially wooded land; to the south by Lake Forest Academy and Board of Education offices; and to the west by South 13th Street, beyond which are multifamily residences. ECS did not identify environmental issues associated with current occupants or activities at adjoining or nearby properties that are believed to present a REC at the subject property.

Based on the records search, site reconnaissance and interviews, it appears that the subject property consisted of agricultural land from at least 1938 until the residential housing complex was constructed in 1952. The property has consisted of the housing complex and paved access roads since at least 1956. Historical records prior to 1938 were not reasonably ascertainable for the subject property.

Portions of the subject property were historically and currently used as agricultural land. Such use of the subject property may have included the storage and use of beneficial agricultural products such as fungicides, herbicides, and/or fertilizers. The legal use (i.e., in accordance with the manufacturers' specifications and customary practices) of such substances, in the course of standard operational practices does not constitute a “release to the environment.” Further, reasonably ascertainable information was not observed during the course of our assessment, including historical records review, or field reconnaissance observations regarding past site history, that a past release of such substances had occurred. Therefore, the mere presence of this historical land use does not meet the definition of a REC.

Our review of historical information for adjoining or nearby properties identified the area as originally occupied by agricultural land. The Lake Forest School has been depicted to the south since at least 1949. Residential development began to the west by at least 1949 and to the north by at

least 1998. The church to the north has been present since at least 1963. Family Dollar has been present to the north since at least 2016. The northeastern adjacent commercial building has been present since at least 1986 and has been occupied by Southern Bell Telephone Building, a residence, and AT&T. The eastern adjacent commercial buildings have been present since at least 1996 and have been occupied by Taft, Taft, and Haigler, Housing Authority of Wilmington, US Social Security Administration, Housing & Economic Opportunities, Glover Plaza Incorporated, Section 8 Administration, and Jervay House, LLC. Part of Lake Forest School to the south was demolished by 2018. The area has remained relatively unchanged since this time.

A regulatory database search report was provided by ERIS. The database search involves researching a series of Federal, State, Local, and other databases for facilities and properties that are located within specified minimum search distances from the subject property. The report identified the subject property on the FINDS, LUST, and UST databases researched.

> The **subject property** was identified on the LUST database. The subject property was listed as City of Wilmington-Houston Moore with an address of 1601 South 13th Street. According to the ERIS report, minor soil contamination was identified in 1994 during the removal of three heating oil USTs. ECS reviewed a Tank Closure by Removal Report prepared by UTTS Environmental dated September 1994, which indicated that eight soil samples were collected from beneath the USTs at the time of the closure, two of which exceeded the NCDEQ TPH action limit. Groundwater was not encountered during excavation; therefore, no groundwater samples were collected. Additional notes in the report indicated that UTTS Environmental performed a Site Sensitivity Evaluation (SSE) for the site to establish a final cleanup level. Based on site specific factors, UTTS Environmental determined the final cleanup level to be 1,200 ppm TPH by EPA Method 9071. Therefore, only one soil sample exceeded the SSE level. ECS reviewed a CSA Report prepared by UTTS Environmental dated November 1995. This report indicated that three monitoring wells were installed and laboratory analysis of groundwater samples did not exceed the NCAC 2L standards for petroleum components. A No Further Action level was issued by the NCDEQ dated June 2003. The NCDEQ closed the incident in June 2003. ECS considers the historical release with an unrestricted closed regulatory status to represent a HREC.

The ERIS report identified several off-site properties within the minimum ASTM search distances. Based on our review of reasonably ascertainable public records, ECS does not consider the listings to be potential sources of soil, groundwater, or vapor impact to the subject property. Therefore, ECS does not believe that the off-site listings would have issues that result in RECs for the subject property.

10.2 Significant Data Gaps

Significant data gaps that would be expected to impact our ability to render a professional opinion concerning the subject property were not identified.

10.3 De Minimis Conditions

ECS did not identify *de minimis* conditions associated with the subject property during this assessment.

10.4 Conclusions

We have performed a Phase I Environmental Site Assessment in general conformance with the scope and limitations of ASTM E1527-21 of the Wilmington Housing Authority - Houston Moore property located at 1601 S. 13th Street, in Wilmington, New Hanover County, North Carolina, the subject property. Any exceptions to, or deletions from, this practice are described in Section 2.6 of this report. This assessment has not revealed recognized environmental conditions in connection with the subject property.

The following HREC was identified during this assessment:

- ECS considers the historical release on the subject property with an unrestricted closure to represent a HREC.

The following BERs and/or additional considerations were identified:

- ECS considers the potential for asbestos-containing materials or lead-based paint to represent a BER.

10.5 Recommendations

It is the opinion of ECS Southeast, LLP that additional environmental assessment of the subject property is not warranted at this time.

11.0 REFERENCES

ASTM E1527-21. Standard Practice for Environmental Site Assessment, Phase I Environmental Site Assessment Process.

Comprehensive Site Assessment prepared by UTTS Environmental dated 1995.

Environmental Site Assessment, prepared by Groundwater Technology, dated 1993.

ERIS Database Report, dated April 5, 2023.

ERIS Fire Insurance Maps, dated April 5, 2023.

ERIS Historical Aerial Report (1938, 1949, 1956, 1966, 1975, 1983, 1993, 1998, 2004, 2006, 2008, 2009, 2010, 2012, 2014, 2016, 2018, 2020, and 2021), dated April 6, 2023.

ERIS Historical Directory Report (1926, 1930, 1934, 1940, 1943, 1947, 1952, 1956, 1960, 1963, 1967, 1971, 1976, 1981, 1986, 1991, 1996, 2000, 2003, 2008, 2012, 2016, 2020, and 2022), dated April 10, 2023.

ERIS Topographic Map Research Report (1942, 1948, 1970, 1979, 1980, 1993, 2013, 2016, and 2019), dated April 5, 2023.

FOIA request, Wilmington Fire Department, April 5, 2023.

FOIA request, New Hanover County Environmental Health, April 5, 2023.

Google Earth.

Interview, Dr. John Batey, Wilmington Housing Authority, April 12, 2023.

Letter from NCDEHNR, dated 1996, 1998, and 2003.

NCDEQ Site Locator Map.

New Hanover County COAST database.

New Hanover County GIS Department website.

New Hanover County Tax Department.

New Hanover County Register of Deeds.

Pollution Incident Report, NCDEQ dated 1994.

Soil Cleanup Report and Closure Request, prepared by QST Engineering, P.C. dated 1998.

Tank Closure by Removal report, UTTS Environmental, dated 1994.

User Questionnaire, completed by Dr. John Batey, April 17, 2023.

UTTS Environmental Initial Abatement Measures, 1995.

Wilmington Zoning Department.

Appendix I: Figures

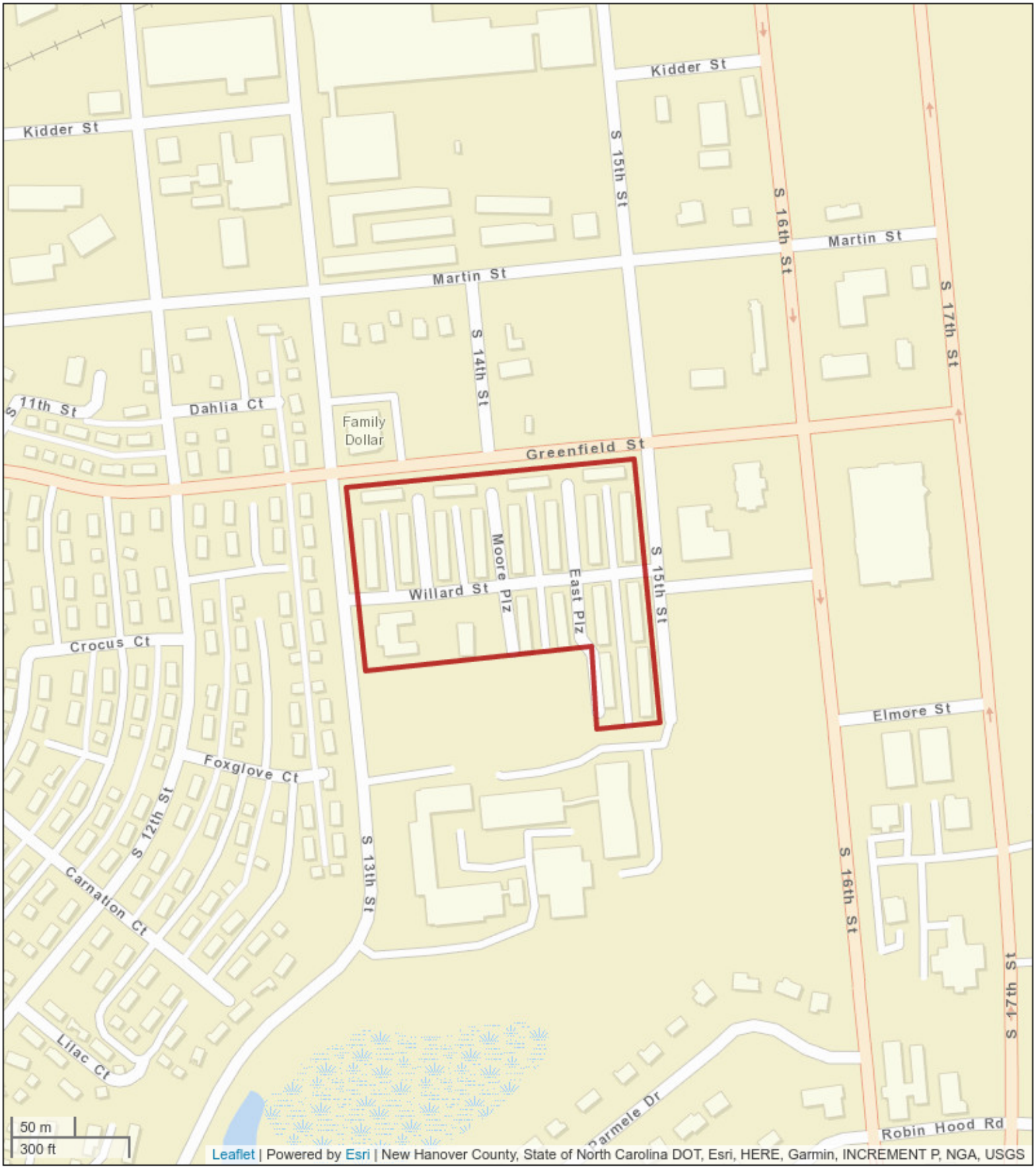

Figure 1 - Site Location Map

Houston Moore
1601 South 13th Street
Wilmington, North Carolina
ECS Project No. 49-20026

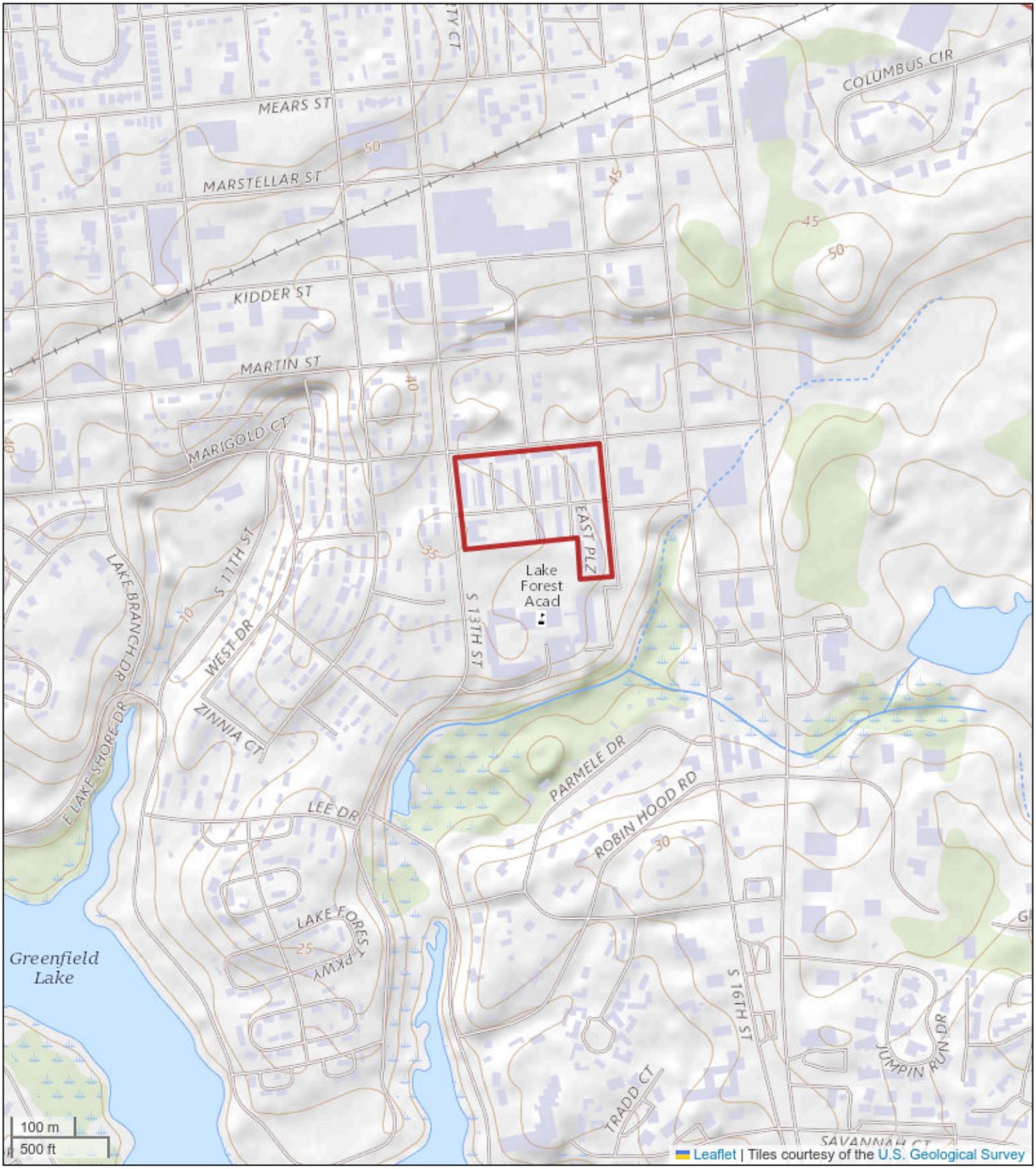

Figure 2 - USGS Topographic Map

Houston Moore
1601 South 13th Street
Wilmington, North Carolina
ECS Project No. 49-20026



Figure 3 - Site Features Map

Houston Moore
1601 South 13th Street
Wilmington, North Carolina
ECS Project No. 49-20026

Appendix II: Interviews, Correspondence and User Questionnaire

Environmental Questionnaire for User

Completion required for conformance with ASTM E 1527-21. Failure to provide this information may preclude CERCLA liability protections for the property purchaser. Please return answered form to ECS.

Site Name: Houston Moore

Name and Title of Person Completing Questionnaire (Please Print):

John Batey, Sr. VP of Operations & Development

Signature of Person Completing Questionnaire:

Date: 4/17/23

Name of Your Company and Your Contact Number (Please Print):

Wilmington Housing Authority (CFP22.08)

ASTM E 1527-21 indicates that, "Either the user shall make known to the environmental professional the reason why the user wants to have the Phase I Environmental Site Assessment performed or, if the user does not identify the purpose of the Phase I Environmental Site Assessment, the environmental professional shall assume the purpose is to qualify for an LLP to CERCLA liability and state this in the report." As the user of this ESA, what is the reason for conducting the Phase I ESA? If this question is unanswered, ECS will assume that the user's reason for the ESA is to qualify for landowner liability protections to CERCLA liability.

Please state reason for having ESA performed: Property is being rehabilitated through the use of federal CDBG-DR funds, which will require the submission of a Phase I ESA.

Will you provide Property Title Records and a Legal Description to ECS?

Please select one: **NO** ◉ **YES** ○

Will you provide a 50-year chain of title abstract to ECS?

Please select one: **NO** ◉ **YES** ○

Please Send Information Promptly

(1a.) Environmental liens that are filed or recorded against the site (40 CFR 312.25). ASTM E 1527-21 states that the user should perform a review of recorded land title records and judicial records for environmental liens or activity and use limitations for the site. Please forward the results of the land title record and judicial record review. If you would prefer, ECS can obtain this information from a third party provider for **an additional fee**. Please let ECS know if you would like to contract ECS for this service.

Please select one: **Client to Provide** ◉ **ECS to Obtain** ○

(1b.) **Activity and use limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26).** Are you aware of any activity and use limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

Please select one: **NO** ◉ **YES** ○
If yes, please explain: _____

(2.) **Specialized knowledge -** 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?

Please select one: **NO** ◉ **YES** ○
If yes, please explain: _____

(3.) **Commonly known or reasonably ascertainable information about the property (40 CFR 312.30).** Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example:

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

Please select one: **NO** ◉ **YES** ○
If yes, please state uses: _____

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

Please select one: **NO** ◉ **YES** ○
If yes, please explain: _____

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

Please select one: **NO** ◉ **YES** ○
If yes, please explain: _____

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

Please select one: **NO** ◉ **YES** ○
If yes, please explain: _____

(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?

Please select one: **NO** ○ **YES** ◉
If no, please explain: _____

If you are aware that there is a difference, is the lower purchase price because contamination is known or believed to be present at the property?

Please select one: **NO** ○ **YES** ○
If yes, please explain: _____

(5.) **Parcel Property Owner(s) & Contact Number(s):**

A. Wilmington Housing Authority, 910-341-7700
B. _____
C. _____
D. _____

Property Manager and Occupant(s) & Contact Number(s)

Property Manager: Akieta Robinson, 910-341-7766
Occupant/Tenant: _____
Occupant/Tenant: _____

(6.) **The degree of obviousness of the presence or 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?

Please select one: **NO** ◉ **YES** ○
If yes, please explain: _____

Samantha D Potter

From: Hemmen, Marie <MHemmen@nhcgov.com>
Sent: Wednesday, April 5, 2023 5:10 PM
To: Samantha D Potter
Cc: Program Support; Fenske, Dustin; Harris, Michael; Scott, Brian
Subject: [EXTERNAL] RE: ECS public record request

Good Evening Ms. Potter,

New Hanover County, Department of Health and Human Services, Division of Environmental Health has searched our records for septic systems and wells and did not find information to the parcels for which you requested located at:

- 302 Grass Lane in Wilmington, PIN R04910-006-022-000
- 714 Emory Street in Wilmington
- 1402 Meares Street in Wilmington, PIN R05414-005-001-000
- 1601 S. 13th Street in Wilmington, PIN R05418-005-001-000

Most of these properties were developed before 1961, before we had records. If documents do not exist for this property, it does not imply that there are no septic systems or wells on the property. Septic systems could have been installed prior to our record keeping. Wells could be on the property in the form of irrigation wells, geothermal wells or subsurface wells without documentation. Please note that the property owner must practice due diligence to locate all septic tanks and wells to ensure protection of the environment and aquifers. These septic tanks and wells must be abandoned properly or brought up to code with any redevelopment projects. Well abandonments require a Well Abandonment permit from Env. Health.

Please contact the NC Department of Environmental Quality-Wilmington Regional Office for records relating to hazardous materials, underground storage tanks (USTs), and spills/releases, etc. since this agency is the primary regulator of these environmental concerns.

They can be reached at 127 Cardinal Drive Ext., Wilmington, NC 28405, Phone: 910-796-7215, Fax: 910-350-2004. Their website is: https://deq.nc.gov/.

Please don't hesitate to call me if you have questions.

Sincerely,

Marie Hemmen

Marie Hemmen
Environmental Health Program Specialist (OSWP)
New Hanover County - Health and Human Services
(910) 798-6664 p | (910) 798-7815 f
MHemmen@nhcgov.com
230 Government Center Drive, Suite 140
Wilmington, NC 28403
www.NHCgov.com

From: Samantha D Potter <SPotter@ecslimited.com>
Sent: Wednesday, April 5, 2023 3:14 PM

To: Program Support <programsupport@nhcgov.com>
Subject: ECS public record request

** External Email: Do not click links, open attachments, or reply until you know it is safe **
Good Afternoon,

ECS Southeast, LLP has been hired to perform a Phase I Environmental Site Assessment (ESA) for four separate properties:

- 302 Grass Lane in Wilmington, PIN R04910-006-022-000
- 714 Emory Street in Wilmington
- 1402 Meares Street in Wilmington, PIN R05414-005-001-000
- 1601 S. 13th Street in Wilmington, PIN R05418-005-001-000

Do you know if there are any records of:

- If permits for water supply wells and septic systems been issued.
- If there are records of spills, releases or other incidents that might impact groundwater

Thank you for your help

SAMANTHA D POTTER | Environmental Scientist
ECS SOUTHEAST, LLP
T 919.861.9910 **D** 919.706.4967 **C** 919.609.1771
5260 Greens Dairy Road, Raleigh, NC 27616
SPotter@ecslimited.com | www.ecslimited.com

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Confidential/proprietary message/attachments. Delete message/attachments if not intended recipient.

Appendix III: Regulatory Records Documentation

DATABASE REPORT

Project Property:	*Houston Moore* *1601 South 13th Street* *Wilmington NC 28401*
Project No:	*49-20026*
Report Type:	*Database Report*
Order No:	*23040400869*
Requested by:	*ECS Limited Southeast*
Date Completed:	*April 5, 2023*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

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Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

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Executive Summary

Property Information:

Project Property:		*Houston Moore* *1601 South 13th Street Wilmington NC 28401*
Project No:		*49-20026*
Coordinates:		
	Latitude:	*34.21701664*
	Longitude:	*-77.92911092*
	UTM Northing:	*3,790,099.60*
	UTM Easting:	*230,149.23*
	UTM Zone:	*UTM Zone 18S*
Elevation:		*28 FT*

Order Information:

Order No:	*23040400869*
Date Requested:	*April 4, 2023*
Requested by:	*ECS Limited Southeast*
Report Type:	*Database Report*

Historicals/Products:

Aerial Photographs	*Historical Aerials (with Project Boundaries)*
City Directory Search	*Smart CD Search*
ERIS Xplorer	*ERIS Xplorer*
Excel Add-On	*Excel Add-On*
Fire Insurance Maps	*US Fire Insurance Maps*
Physical Setting Report (PSR)	*Physical Setting Report (PSR)*
Topographic Map	*Topographic Maps*

Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
Standard Environmental Records								
Federal								
DOE FUSRAP	Y	1	0	0	0	0	0	0
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	0.5	0	0	0	0	-	0
SEMS	Y	0.5	0	0	0	**1**	-	**1**
SEMS ARCHIVE	Y	0.5	0	0	0	0	-	0
ODI	Y	0.5	0	0	0	0	-	0
CERCLIS	Y	0.5	0	0	0	0	-	0
IODI	Y	0.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	0.5	0	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	0	0	0
RCRA TSD	Y	0.5	0	0	0	0	-	0
RCRA LQG	Y	0.25	0	0	0	-	-	0
RCRA SQG	Y	0.25	0	0	0	-	-	0
RCRA VSQG	Y	0.25	0	0	0	-	-	0
RCRA NON GEN	Y	0.25	0	0	0	-	-	0
RCRA CONTROLS	Y	0.5	0	0	0	0	-	0
FED ENG	Y	0.5	0	0	0	0	-	0
FED INST	Y	0.5	0	0	0	0	-	0
LUCIS	Y	0.5	0	0	0	0	-	0
NPL IC	Y	0.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	0.5	0	0	0	**1**	-	**1**
FEMA UST	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
FRP	Y	0.25	0	0	0	-	-	0
DELISTED FRP	Y	0.25	0	0	0	-	-	0
HIST GAS STATIONS	Y	0.25	0	0	0	-	-	0
REFN	Y	0.25	0	0	0	-	-	0
BULK TERMINAL	Y	0.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	0	0
State								
SHWS	Y	1	0	0	0	0	**6**	**6**
LUST TRUST	Y	0.5	0	**1**	**2**	**2**	-	**5**
DELISTED SHWS	Y	1	0	0	0	0	**1**	**1**
SWF/LF	Y	0.5	0	0	0	0	-	0
OLD LF	Y	0.5	0	0	**1**	**2**	-	**3**
COAL ASH LF	Y	0.5	0	0	0	0	-	0
HSDS	Y	1	0	0	0	0	**1**	**1**
LUST	Y	0.5	**1**	**2**	**3**	**14**	-	**20**
LAST	Y	0.5	0	0	0	**1**	-	**1**
DELISTED LST	Y	0.5	0	0	0	0	-	0
UST	Y	0.25	**1**	**2**	**2**	-	-	**5**
AST	Y	0.25	0	0	0	-	-	0
TANK	Y	0.25	0	0	0	-	-	0
DTNK	Y	0.25	0	0	0	-	-	0
SOIL REM PERMITS	Y	0.25	0	0	0	-	-	0
INST	Y	0.5	0	0	0	0	-	0
LUR	Y	0.5	0	0	**1**	**1**	-	**2**
FUEL STATIONS	Y	0.25	0	0	0	-	-	0
DELISTED FSS	Y	0.25	0	0	0	-	-	0
VCP	Y	0.5	0	0	0	0	-	0
BROWNFIELDS	Y	0.5	0	0	0	0	-	0
Tribal								
INDIAN LUST	Y	0.5	0	0	0	0	-	0
INDIAN UST	Y	0.25	0	0	0	-	-	0
DELISTED INDIAN LST	Y	0.5	0	0	0	0	-	0
DELISTED INDIAN UST	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
County	***No County standard environmental record sources available for this State.***							
Additional Environmental Records								
Federal								
FINDS/FRS	Y	PO	**3**	**1**	-	-	-	**4**
TRIS	Y	PO	0	-	-	-	-	0
PFAS NPL	Y	0.5	0	0	0	0	-	0
PFAS FED SITES	Y	0.5	0	0	0	0	-	0
PFAS SSEHRI	Y	0.5	0	0	0	0	-	0
ERNS PFAS	Y	0.5	0	0	0	0	-	0
PFAS NPDES	Y	0.5	0	0	0	0	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0
PFAS WATER	Y	0.5	0	0	0	0	-	0
PFAS TSCA	Y	0.5	0	0	0	0	-	0
HMIRS	Y	0.125	0	0	-	-	-	0
NCDL	Y	0.125	0	0	-	-	-	0
TSCA	Y	0.125	0	0	-	-	-	0
HIST TSCA	Y	0.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	0.5	0	0	0	0	-	0
ICIS	Y	PO	0	-	-	-	-	0
FED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	**1**	**1**
FORMER NIKE	Y	1	0	0	0	0	0	0
PIPELINE INCIDENT	Y	PO	0	-	-	-	-	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	0.25	0	0	0	-	-	0
SMCRA	Y	1	0	0	0	0	0	0
MRDS	Y	1	0	0	0	0	0	0
LM SITES	Y	1	0	0	0	0	0	0
ALT FUELS	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
CONSENT DECREES	Y	0.25	0	0	0	-	-	0
AFS	Y	PO	0	-	-	-	-	0
SSTS	Y	0.25	0	0	0	-	-	0
PCBT	Y	0.5	0	0	0	0	-	0
PCB	Y	0.5	0	0	0	0	-	0
State								
DRYC DSCA	Y	0.5	0	0	0	0	-	0
DRYC HIST BOILER	Y	0.25	0	0	0	-	-	0
DRYC CITY DIR	Y	0.25	0	0	**2**	-	-	**2**
DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
SPILLS	Y	0.125	0	**4**	-	-	-	**4**
MGP	Y	1	0	0	0	0	0	0
PFAS	Y	0.5	0	0	0	0	-	0
SWRCY	Y	0.5	0	0	0	0	-	0
HAZ	Y	0.25	0	0	0	-	-	0
SDTF	Y	0.125	0	0	-	-	-	0
TIER 2	Y	0.125	0	0	-	-	-	0
UIC	Y	PO	0	-	-	-	-	0
AIR PERMIT	Y	0.25	0	0	0	-	-	0
FEEDLOTS	Y	0.5	0	0	0	0	-	0
Tribal	***No Tribal additional environmental record sources available for this State.***							
County	***No County additional environmental record sources available for this State.***							
Total:			***5***	***10***	***11***	***22***	***9***	***57***

**** PO – Property Only***
**** 'Property and adjoining properties' database search radii are set at 0.25 miles.***

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	FINDS/FRS	HOUSTON MOORE TERRACE NC1-4	1601 SO 13TH STREET WILMINGTON NC 28402 ***Registry ID:*** *110018591549*	E	0.00 / 0.00	0	26
1	LUST	CITY OF WILMINGTON-HOUSTON MOORE	1601 S. 13TH ST. WILMINGTON NC 28402 ***Incident No:*** *15095* ***Incid Phase Desc:*** *Close Out*	E	0.00 / 0.00	0	26
1	UST	HOUSTON MOORE TERRACE NC1-4	1601 SO 13TH STREET WILMINGTON NC 28402 ***Facility ID:*** *00-0-0000002185* ***Tank ID | Tank Status:*** *002 | Removed, 003 | Removed, 001 | Removed*	E	0.00 / 0.00	0	28
2	FINDS/FRS	WILMINGTON EXPORT PACKING INCORPORATED	PLAZA EAST SHOPPING CENTE WILMINGTON NC 00000 ***Registry ID:*** *110018564828*	SE	0.00 / 1.02	-2	30
3	FINDS/FRS	NEW HANOVER CO SCHOOL	1508 15TH STREET WILMINGTON NC 28402 ***Registry ID:*** *110018635075*	ENE	0.00 / 0.00	-5	31

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
4	SPILLS	CFPUA Collection System	1600 blk of 13th St NC	W	0.01 / 33.55	5	31
5	SPILLS	Northside WWTP	Willard & S. 15th Street NC	E	0.01 / 36.76	-7	32
6	FINDS/FRS	LAKESIDE	1805 SOUTH 13TH STREET WILMINGTON NC 28401 ***Registry ID:*** 110018600487	SSW	0.01 / 53.54	4	32
6	UST	LAKESIDE HIGH SCHOOL	1805 SOUTH 13TH ST WILMINGTON NC 28401 ***Facility ID:*** 00-0-0000027194 ***Tank ID | Tank Status:*** 5 | Removed	SSW	0.01 / 53.54	4	33
6	LUST	LAKESIDE SCHOOL	1805 S.13TH ST. WILMINGTON NC 28401	SSW	0.01 / 53.54	4	34
7	SPILLS		1540 S 13th NC	W	0.02 / 112.90	3	36
8	LUST	SOUTHERN BELL TELEPHONE CO., #29160	1507 GREENFIELD ST WILMINGTON NC 28202 ***Incident No:*** 7285 ***Incid Phase Desc:*** Close Out	NE	0.05 / 270.99	-3	36
8	LUST TRUST	Bellsouth Telecommunications	1507 Greenfield St. Wilmington NC ***Incident No | Facility ID:*** 7285 | 0-034402	NE	0.05 / 270.99	-3	38
8	UST	SOUTHERN BELL FAC 29160	1507 GREENFIELD STREET WILMINGTON NC 99999 ***Facility ID:*** 00-0-0000034402 ***Tank ID | Tank Status:*** 1 | Removed	NE	0.05 / 270.99	-3	39
9	SPILLS		1230-C S-15th Street NC	NNE	0.11 / 599.56	5	40
10	LUST TRUST	Parmele Drive-1506	1506 Parmele Dr Wilmington NC ***Incident No | Facility ID:*** 32742 |	SSE	0.19 / 1,014.20	-16	40
10	LUST	PARMELE DRIVE- 1506	1506 PARMELE DR WILMINGTON NC 28401 ***Incident No:*** 32742	SSE	0.19 / 1,014.20	-16	41

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
11	OLD LF	Wilmington Ldfl (Kidder St)	1225 13th St. Wilmington NC	N	0.20 / 1,035.23	13	43
12	DRYC CITY DIR	Knight's Lake Village Launderette	1040 Greenfield Street, Wilmington,NC NC	W	0.21 / 1,082.87	-9	43
12	DRYC CITY DIR	Lake Village Launderette	1040 Greenfield Street, Wilmington,NC NC	W	0.21 / 1,082.87	-9	44
13	LUST	PARMELE DRIVE - 1414	1414 PARMELE DRIVE WILMINGTON NC ***Incident No:*** 32891 ***Incid Phase Desc:*** Close Out	S	0.24 / 1,284.45	-11	44
13	LUST TRUST	Parmele Drive - 1414	1414 Parmele Drive Wilmington NC ***Incident No | Facility ID:*** 32891 |	S	0.24 / 1,284.45	-11	47
13	LUR	PARMELE DRIVE - 1414	1414 PARMELE DRIVE WILMINGTON NC	S	0.24 / 1,284.45	-11	47
14	UST	WILMINGTON CONTRUCTION OFFICE	1321 S. TENTH ST WILMINGTON NC 28406 ***Facility ID:*** 00-0-0000000894 ***Tank ID | Tank Status:*** 2 | Removed, 1 | Removed	WNW	0.25 / 1,301.49	16	48
14	LUST	NC NATURAL GAS CORP.	1321 S. 10TH ST. WILMINGTON NC	WNW	0.25 / 1,301.49	16	49
15	UST	RODERICKS WRECKER SERVICE	1202 1/2 SOUTH 15TH STREET WILMINGTON NC 28401 ***Facility ID:*** 00-0-0000021506 ***Tank ID | Tank Status:*** 1 | Removed, 2 | Removed	N	0.25 / 1,304.47	17	50
16	LUST	AZTEC MASONRY	1212 MARSTELLAR STREET WILMINGTON NC 28401	NNW	0.26 / 1,375.75	16	52
17	LUST	HUTCHINS PROPERTY (ROBERT)	1915 SOUTH 16TH STREET WILMINGTON NC 28401 ***Incident No:*** 32339 ***Incid Phase Desc:*** Close Out	SE	0.28 / 1,463.56	-7	53
17	LUST TRUST	Hutchins Property (Robert)	1915 South 16th Street Wilmington NC ***Incident No | Facility ID:*** 32339 |	SE	0.28 / 1,463.56	-7	55
18	FED BROWNFIELDS	Good Shepherd Ministries Property	Between 8th and 9th Streets along Martin Street Wilmington NC 28401 ***Property ID:*** 14648	WNW	0.28 / 1,475.12	15	56

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
19	OLD LF	East Lake Shore Drive LF	East Lake Shore Drive Wilmington NC	SSW	0.32 / 1,706.03	-19	59
20	SEMS	CARO-KNIT	23RD STREET WILMINGTON NC 28405 ***EPA ID:*** NCD986171965	NW	0.32 / 1,710.11	30	59
21	LUST	CARROLL FULMER GROUP, INC.	1201 SOUTH 10TH ST. WILMINGTON NC	WNW	0.33 / 1,730.40	20	61
22	LUST	COLEMAN COMPLEX (WILMIGNTON TRAFFIC DEPT.)	1111 SOUTH 16TH STREET WILMINGTON NC 28402	NNE	0.34 / 1,808.01	15	62
23	LUST	FAST FARE NC 717	815 GREENFIELD ST. WILMINGTON NC 28401 ***Incident No:*** 7051 ***Incid Phase Desc:*** Close Out	W	0.35 / 1,832.15	5	64
23	LUST TRUST	Crown Nc - 717	815 Greenfield Street Wilmington NC ***Incident No | Facility ID:*** 7051 | 0-020304	W	0.35 / 1,832.15	5	66
23	LUR	FAST FARE NC 717	815 GREENFIELD ST. WILMINGTON NC	W	0.35 / 1,832.15	5	67
24	LUST	AMERICAN RED CROSS	1102 S. 16TH ST. WILMINGTON NC	NNE	0.35 / 1,872.51	14	67
24	LUST	AMERICAN RED CROSS-1	1102 S. 16TH ST. WILMINGTON NC	NNE	0.35 / 1,872.51	14	69
25	LUST	NAZARETH CENTURY MILLS	801 GREENFIELD ST. WILMINGTON NC 28401 ***Incident No:*** 16652 ***Incid Phase Desc:*** Close Out	W	0.37 / 1,946.18	7	70
26	LAST	Wells Transmission	1002 S. 16th street Wilmington NC 28401 ***Incident No | Current Status | Dt Occurred (IMD) | Current Stat (Map) | Dt Occurred (Map):*** 94191 | Current Record | 3/18/2013 | Current Record | 2013/03/19 00:00:00+00	N	0.43 / 2,273.49	9	72
27	LUST	HOWE PRE-K SCHOOL	210 MEARS ST WILMINGTON NC 28412 ***Incident No:*** 32662 ***Incid Phase Desc:*** Close Out	NW	0.44 / 2,307.09	29	75
28	LUST	STAR-NEWSPAPER, INC.	1003 S. 17TH ST. WILMINGTON NC	NNE	0.45 / 2,369.02	9	77

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
29	LUST	CENTURY MILLS	RALEIGH ST. WILMINGTON NC 28401 ***Incident No:*** 6536 ***Incid Phase Desc:*** Close Out	W	0.45 / 2,369.56	9	78
30	LUST	FARMERS SUPPLY CO.	1930 OLEANDER DR. WILMINGTON NC 28403 ***Incident No:*** 43122 ***Incid Phase Desc:*** Close Out	NE	0.49 / 2,577.08	6	80
31	LUST	LONGLEY SUPPLY COMPANY	2018 OLEANDER DR. WILMINGTON NC 28405 ***Incident No:*** 32095 ***Incid Phase Desc:*** Close Out	NE	0.49 / 2,602.53	7	83
32	LUST	OLD 7-UP FACILITY	915 S. 17TH ST. WILMINGTON NC	NNE	0.50 / 2,615.48	9	85
33	OLD LF	Tallman Clay Pit	16th Street Wilmington NC	SSE	0.50 / 2,632.76	2	87
34	SHWS	USA RESERVE XVIII AIRBORNE CORPS	2144 LAKESHORE DR WILMINGTON NC ***EPA ID:*** NC0210021929	W	0.61 / 3,210.37	-1	87
35	SHWS	UNIFIRST	1821 DAWSON STREET WILMINGTON NC ***EPA ID:*** NONCD0002645	NNE	0.63 / 3,313.41	3	88
36	SHWS	MILLER & TALENT RADIATOR SERVICE	1815 CASTLE STREET WILMINGTON NC ***EPA ID:*** NONCD0002074	NNE	0.86 / 4,551.63	-3	88
37	SHWS	BROWNS RADIATOR SERVICE	2136 WRIGHTSVILLE AVE WILMINGTON NC ***EPA ID:*** NONCD0001391	NE	0.90 / 4,753.58	-2	89
38	SHWS	WACCAMAW TRANSPORT (FORMER)	1106 S 2ND ST WILMINGTON NC ***EPA ID:*** NONCD0002838	WNW	0.91 / 4,789.84	-1	90
39	FUDS	WILMINGTON POW CP	WILMINGTON NC ***FUDS Property No:*** I04NC0798	NW	0.93 / 4,919.57	29	90
40	SHWS	EXXON WOOSTER ST FRMR	315 WOOSTER ST WILMINGTON NC ***EPA ID:*** NONCD0003064	WNW	0.98 / 5,184.73	6	91
41	HSDS	SOUTHERN WOOD PIEDMONT CO#	NC	W	1.00 / 5,274.80	-26	92

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
42	DELISTED SHWS	CTI OF NC, INC	1002 S FRONT ST WILMINGTON NC	WNW	1.00 / 5,276.81	-6	92

Executive Summary: Summary by Data Source

Standard

Federal

SEMS - SEMS List 8R Active Site Inventory

A search of the SEMS database, dated Jan 25, 2023 has found that there are 1 SEMS site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
CARO-KNIT	23RD STREET WILMINGTON NC 28405 ***EPA ID**: NCD986171965*	NW	0.32 / 1,710.11	20

FED BROWNFIELDS - The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database

A search of the FED BROWNFIELDS database, dated Sep 13, 2022 has found that there are 1 FED BROWNFIELDS site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Good Shepherd Ministries Property	Between 8th and 9th Streets along Martin Street Wilmington NC 28401 ***Property ID**: 14648*	WNW	0.28 / 1,475.12	18

State

SHWS - Inactive Hazardous Sites and Federal Remediation Branch Sites

A search of the SHWS database, dated Jan 31, 2023 has found that there are 6 SHWS site(s) within approximately 1.00 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
UNIFIRST	1821 DAWSON STREET WILMINGTON NC ***EPA ID**: NONCD0002645*	NNE	0.63 / 3,313.41	35
EXXON WOOSTER ST FRMR	315 WOOSTER ST WILMINGTON NC ***EPA ID**: NONCD0003064*	WNW	0.98 / 5,184.73	40

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
USA RESERVE XVIII AIRBORNE CORPS	2144 LAKESHORE DR WILMINGTON NC ***EPA ID**: NC0210021929*	W	0.61 / 3,210.37	34

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
MILLER & TALENT RADIATOR SERVICE	1815 CASTLE STREET WILMINGTON NC ***EPA ID**: NONCD0002074*	NNE	0.86 / 4,551.63	36
BROWNS RADIATOR SERVICE	2136 WRIGHTSVILLE AVE WILMINGTON NC ***EPA ID**: NONCD0001391*	NE	0.90 / 4,753.58	37
WACCAMAW TRANSPORT (FORMER)	1106 S 2ND ST WILMINGTON NC ***EPA ID**: NONCD0002838*	WNW	0.91 / 4,789.84	38

LUST TRUST - State Trust Funds Database

A search of the LUST TRUST database, dated Feb 17, 2023 has found that there are 5 LUST TRUST site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Crown Nc - 717	815 Greenfield Street Wilmington NC ***Incident No**	**Facility ID**: 7051	0-020304*	W	0.35 / 1,832.15	23

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Bellsouth Telecommunications	1507 Greenfield St. Wilmington NC ***Incident No**	**Facility ID**: 7285	0-034402*	NE	0.05 / 270.99	8
Parmele Drive-1506	1506 Parmele Dr Wilmington NC ***Incident No**	**Facility ID**: 32742	*	SSE	0.19 / 1,014.20	10
Parmele Drive - 1414	1414 Parmele Drive Wilmington NC ***Incident No**	**Facility ID**: 32891	*	S	0.24 / 1,284.45	13
Hutchins Property (Robert)	1915 South 16th Street Wilmington NC ***Incident No**	**Facility ID**: 32339	*	SE	0.28 / 1,463.56	17

DELISTED SHWS - Delisted Inactive Hazardous Sites Inventory

A search of the DELISTED SHWS database, dated Jan 31, 2023 has found that there are 1 DELISTED SHWS site(s) within approximately 1.00 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
CTI OF NC, INC	1002 S FRONT ST WILMINGTON NC	WNW	1.00 / 5,276.81	42

OLD LF - Old Landfill Inventory

A search of the OLD LF database, dated Dec 8, 2022 has found that there are 3 OLD LF site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Wilmington Ldfl (Kidder St)	1225 13th St. Wilmington NC	N	0.20 / 1,035.23	11
Tallman Clay Pit	16th Street Wilmington NC	SSE	0.50 / 2,632.76	33

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
East Lake Shore Drive LF	East Lake Shore Drive Wilmington NC	SSW	0.32 / 1,706.03	19

LUST - Incident Management Database (Regional Underground Storage Tanks)

A search of the LUST database, dated Feb 15, 2023 has found that there are 20 LUST site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
CITY OF WILMINGTON-HOUSTON MOORE	1601 S. 13TH ST. WILMINGTON NC 28402 ***Incident No**: 15095* ***Incid Phase Desc**: Close Out*	E	0.00 / 0.00	1
LAKESIDE SCHOOL	1805 S.13TH ST. WILMINGTON NC 28401	SSW	0.01 / 53.54	6
NC NATURAL GAS CORP.	1321 S. 10TH ST. WILMINGTON NC	WNW	0.25 / 1,301.49	14
AZTEC MASONRY	1212 MARSTELLAR STREET WILMINGTON NC 28401	NNW	0.26 / 1,375.75	16
CARROLL FULMER GROUP, INC.	1201 SOUTH 10TH ST. WILMINGTON NC	WNW	0.33 / 1,730.40	21
COLEMAN COMPLEX (WILMIGNTON TRAFFIC DEPT.)	1111 SOUTH 16TH STREET WILMINGTON NC 28402	NNE	0.34 / 1,808.01	22
FAST FARE NC 717	815 GREENFIELD ST. WILMINGTON NC 28401 ***Incident No**: 7051* ***Incid Phase Desc**: Close Out*	W	0.35 / 1,832.15	23

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
AMERICAN RED CROSS	1102 S. 16TH ST. WILMINGTON NC	NNE	0.35 / 1,872.51	24
AMERICAN RED CROSS-1	1102 S. 16TH ST. WILMINGTON NC	NNE	0.35 / 1,872.51	24
NAZARETH CENTURY MILLS	801 GREENFIELD ST. WILMINGTON NC 28401 ***Incident No**: 16652* ***Incid Phase Desc**: Close Out*	W	0.37 / 1,946.18	25
HOWE PRE-K SCHOOL	210 MEARS ST WILMINGTON NC 28412 ***Incident No**: 32662* ***Incid Phase Desc**: Close Out*	NW	0.44 / 2,307.09	27
STAR-NEWSPAPER, INC.	1003 S. 17TH ST. WILMINGTON NC	NNE	0.45 / 2,369.02	28
CENTURY MILLS	RALEIGH ST. WILMINGTON NC 28401 ***Incident No**: 6536* ***Incid Phase Desc**: Close Out*	W	0.45 / 2,369.56	29
FARMERS SUPPLY CO.	1930 OLEANDER DR. WILMINGTON NC 28403 ***Incident No**: 43122* ***Incid Phase Desc**: Close Out*	NE	0.49 / 2,577.08	30
LONGLEY SUPPLY COMPANY	2018 OLEANDER DR. WILMINGTON NC 28405 ***Incident No**: 32095* ***Incid Phase Desc**: Close Out*	NE	0.49 / 2,602.53	31
OLD 7-UP FACILITY	915 S. 17TH ST. WILMINGTON NC	NNE	0.50 / 2,615.48	32

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
SOUTHERN BELL TELEPHONE CO., #29160	1507 GREENFIELD ST WILMINGTON NC 28202 ***Incident No**: 7285* ***Incid Phase Desc**: Close Out*	NE	0.05 / 270.99	8
PARMELE DRIVE- 1506	1506 PARMELE DR WILMINGTON NC 28401 ***Incident No**: 32742*	SSE	0.19 / 1,014.20	10
PARMELE DRIVE - 1414	1414 PARMELE DRIVE WILMINGTON NC	S	0.24 / 1,284.45	13

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
	***Incident No**: 32891* ***Incid Phase Desc**: Close Out*			
HUTCHINS PROPERTY (ROBERT)	1915 SOUTH 16TH STREET WILMINGTON NC 28401	SE	0.28 / 1,463.56	17
	***Incident No**: 32339* ***Incid Phase Desc**: Close Out*			

HSDS - Hazard Substance Disposal Sites

A search of the HSDS database, dated Jan 1, 1999 has found that there are 1 HSDS site(s) within approximately 1.00 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
SOUTHERN WOOD PIEDMONT CO#	NC	W	1.00 / 5,274.80	41

LAST - Aboveground Incident Management Database (Regional Aboveground Storage Tanks)

A search of the LAST database, dated Jan 6, 2023 has found that there are 1 LAST site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Wells Transmission	1002 S. 16th street Wilmington NC 28401	N	0.43 / 2,273.49	26
	***Incident No | Current Status | Dt Occurred (IMD) | Current Stat (Map) | Dt Occurred (Map)**: 94191 | Current Record | 3/18/2013 | Current Record | 2013/03/19 00:00:00+00*			

UST - Registered Tanks Database

A search of the UST database, dated Jan 11, 2023 has found that there are 5 UST site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
HOUSTON MOORE TERRACE NC1-4	1601 SO 13TH STREET WILMINGTON NC 28402	E	0.00 / 0.00	1
	***Facility ID**: 00-0-0000002185* ***Tank ID | Tank Status**: 002 | Removed, 003 | Removed, 001 | Removed*			
LAKESIDE HIGH SCHOOL	1805 SOUTH 13TH ST WILMINGTON NC 28401	SSW	0.01 / 53.54	6
	***Facility ID**: 00-0-0000027194* ***Tank ID | Tank Status**: 5 | Removed*			
WILMINGTON CONTRUCTION OFFICE	1321 S. TENTH ST WILMINGTON NC 28406	WNW	0.25 / 1,301.49	14
	***Facility ID**: 00-0-0000000894* ***Tank ID | Tank Status**: 2 | Removed, 1 | Removed*			
RODERICKS WRECKER SERVICE	1202 1/2 SOUTH 15TH STREET WILMINGTON NC 28401	N	0.25 / 1,304.47	15
	***Facility ID**: 00-0-0000021506* ***Tank ID | Tank Status**: 1 | Removed, 2 | Removed*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
SOUTHERN BELL FAC 29160	1507 GREENFIELD STREET WILMINGTON NC 99999 ***Facility ID**: 00-0-0000034402* ***Tank ID**	**Tank Status**: 1	Removed*	NE	0.05 / 270.99	8

LUR - Land Use Restriction and/or Notices

A search of the LUR database, dated May 4, 2022 has found that there are 2 LUR site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
FAST FARE NC 717	815 GREENFIELD ST. WILMINGTON NC	W	0.35 / 1,832.15	23

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
PARMELE DRIVE - 1414	1414 PARMELE DRIVE WILMINGTON NC	S	0.24 / 1,284.45	13

Non Standard

Federal

FINDS/FRS - Facility Registry Service/Facility Index

A search of the FINDS/FRS database, dated Aug 18, 2022 has found that there are 4 FINDS/FRS site(s) within approximately 0.02 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
HOUSTON MOORE TERRACE NC1-4	1601 SO 13TH STREET WILMINGTON NC 28402 ***Registry ID**: 110018591549*	E	0.00 / 0.00	1
LAKESIDE	1805 SOUTH 13TH STREET WILMINGTON NC 28401 ***Registry ID**: 110018600487*	SSW	0.01 / 53.54	6

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
WILMINGTON EXPORT PACKING INCORPORATED	PLAZA EAST SHOPPING CENTE WILMINGTON NC 00000 ***Registry ID**: 110018564828*	SE	0.00 / 1.02	2
NEW HANOVER CO SCHOOL	1508 15TH STREET WILMINGTON NC 28402 ***Registry ID**: 110018635075*	ENE	0.00 / 0.00	3

FUDS - Formerly Used Defense Sites

A search of the FUDS database, dated Jul 12, 2022 has found that there are 1 FUDS site(s) within approximately 1.00 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
WILMINGTON POW CP	WILMINGTON NC ***FUDS Property No**: I04NC0798*	NW	0.93 / 4,919.57	39

State

DRYC CITY DIR - Drycleaning City Directories

A search of the DRYC CITY DIR database, dated Dec 6, 2021 has found that there are 2 DRYC CITY DIR site(s) within approximately 0.25 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Lake Village Launderette	1040 Greenfield Street, Wilmington,NC NC	W	0.21 / 1,082.87	12
Knight's Lake Village Launderette	1040 Greenfield Street, Wilmington,NC NC	W	0.21 / 1,082.87	12

SPILLS - Incident Management Database (Spills)

A search of the SPILLS database, dated Oct 28, 2021 has found that there are 4 SPILLS site(s) within approximately 0.12 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
CFPUA Collection System	1600 blk of 13th St NC	W	0.01 / 33.55	4
	1540 S 13th NC	W	0.02 / 112.90	7
	1230-C S-15th Street NC	NNE	0.11 / 599.56	9

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Northside WWTP	Willard & S. 15th Street NC	E	0.01 / 36.76	5



Map: 1.0 Mile Radius

Order Number: 23040400869

Address: 1601 South 13th Street, Wilmington, NC

ERIS

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- Plume
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

Source: © 2021 ESRI StreetMap Premium

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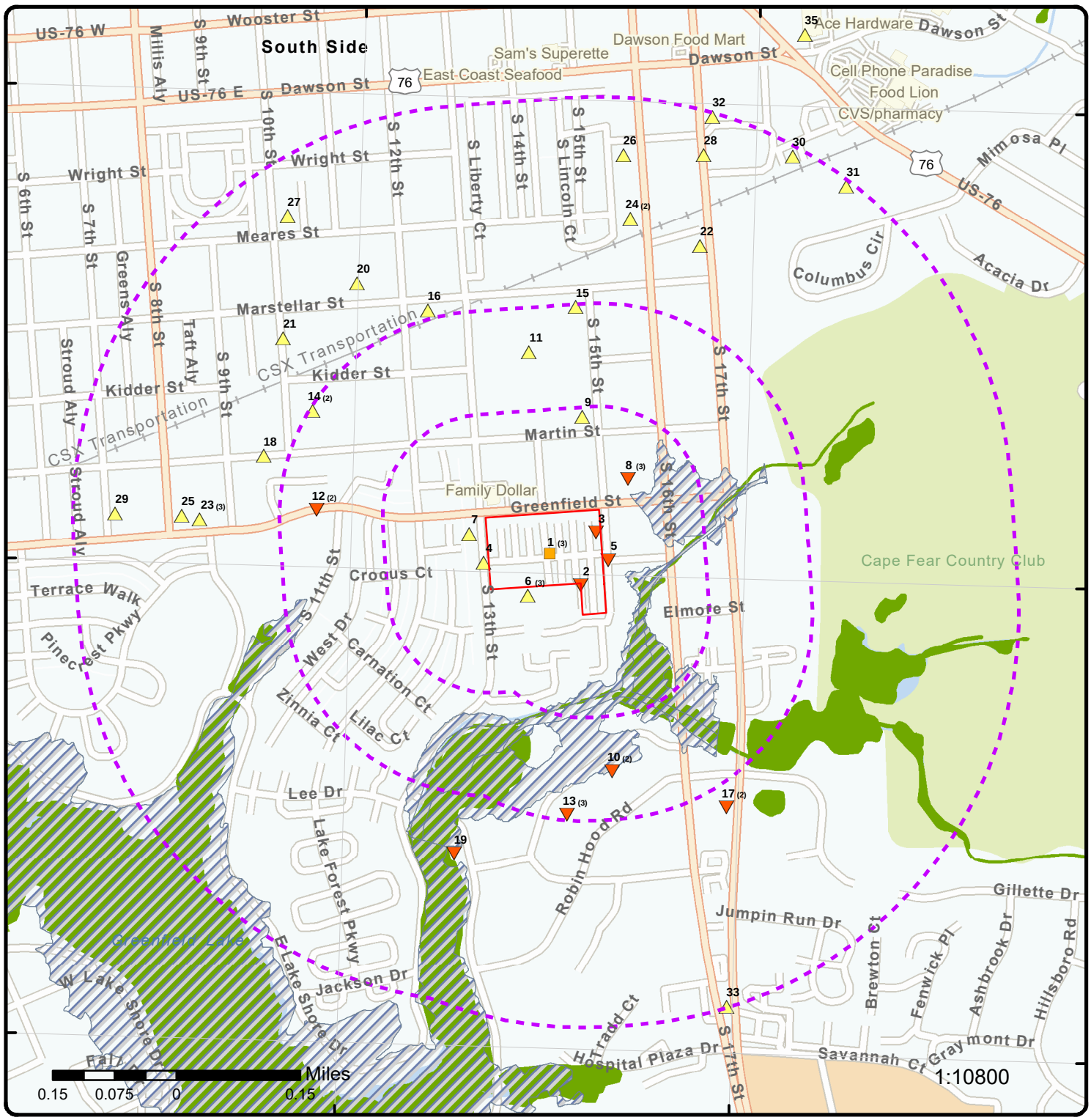

Map: 0.5 Mile Radius

Order Number: 23040400869

Address: 1601 South 13th Street, Wilmington, NC

ERIS

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- Plume
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

Source: © 2021 ESRI StreetMap Premium

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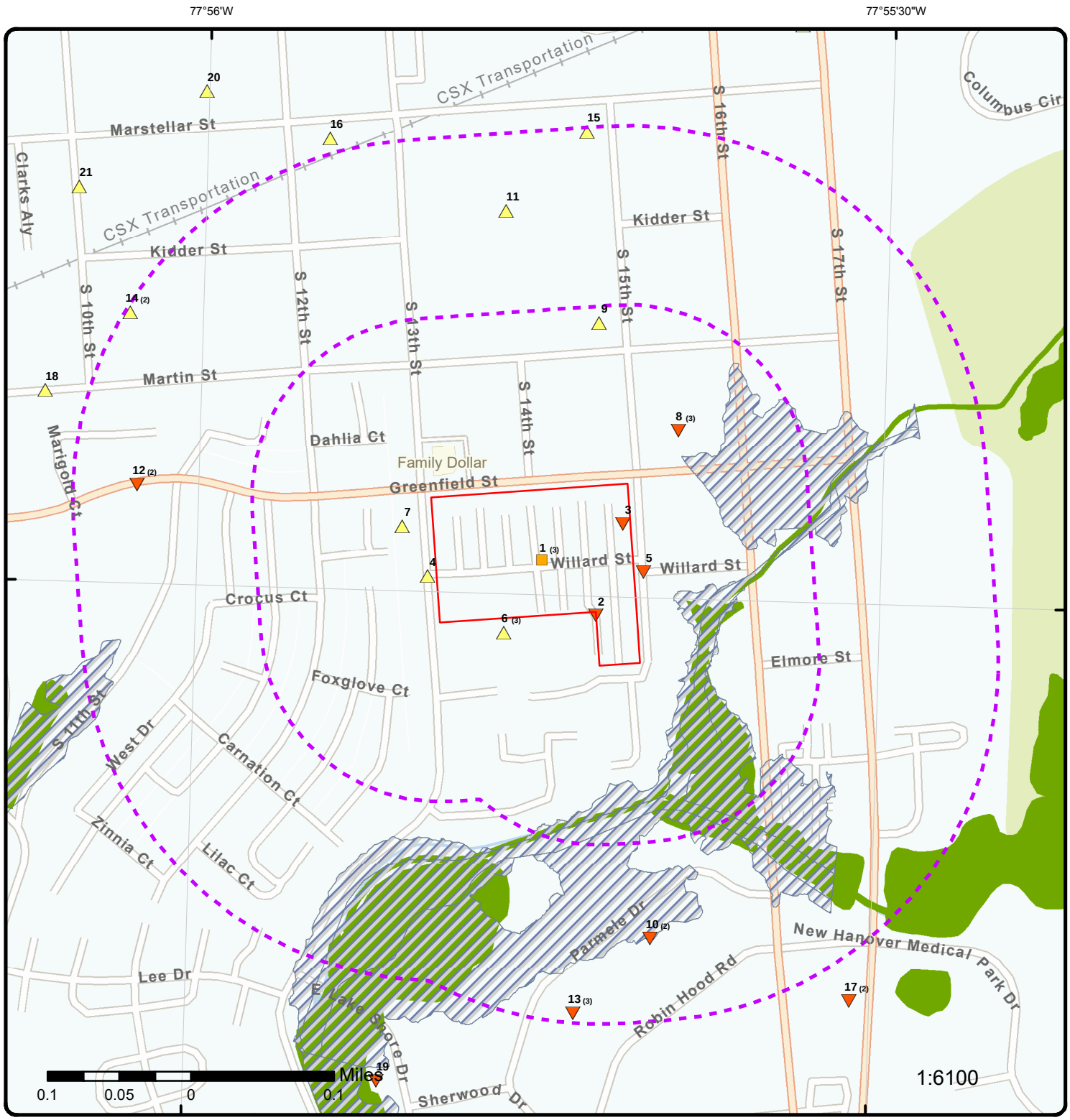

Map: 0.25 Mile Radius

Order Number: 23040400869

Address: 1601 South 13th Street, Wilmington, NC

ERIS

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- Plume
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

Source: © 2021 ESRI StreetMap Premium

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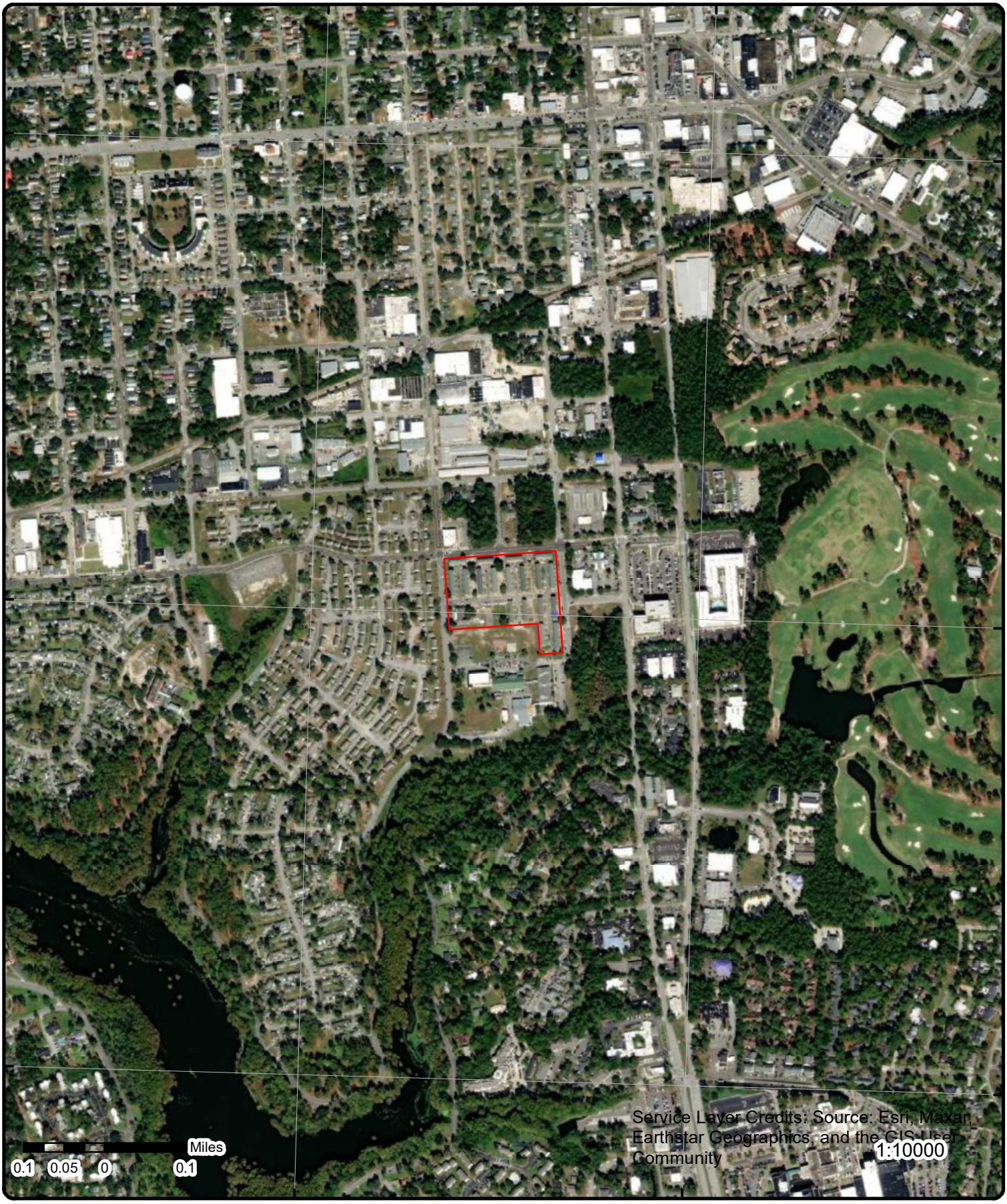

Aerial **Year: 2021**

Order Number: 23040400869

Address: 1601 South 13th Street, Wilmington, NC

Source: ESRI World Imagery

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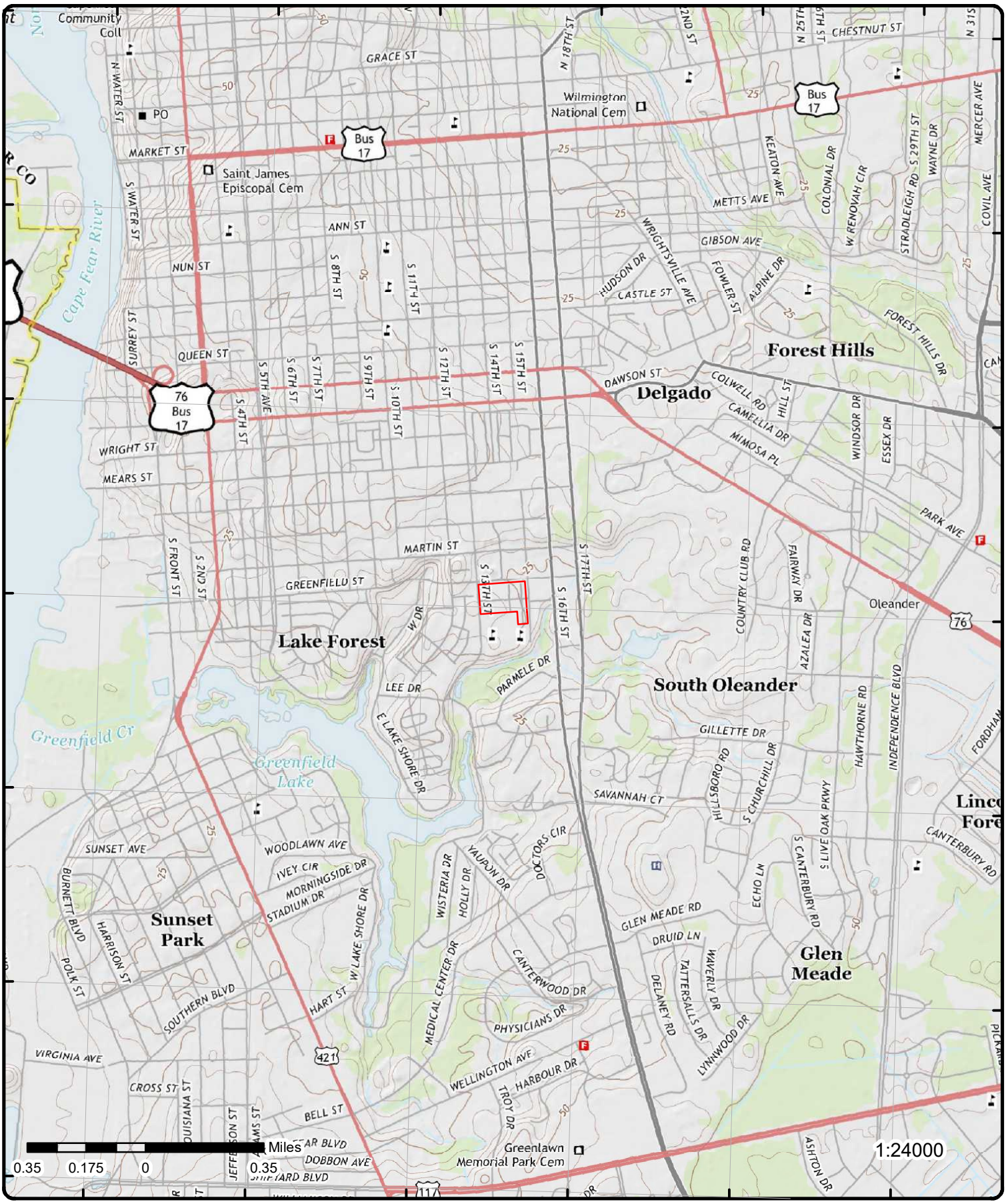

Topographic Map

Year: 2013

Order Number: 23040400869

Address: 1601 South 13th Street, NC

Quadrangle(s): Wilmington, NC

Source: USGS Topographic Map

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Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	1 of 3	E	0.00 / 0.00	27.96 / 0	HOUSTON MOORE TERRACE NC1-4 1601 SO 13TH STREET WILMINGTON NC 28402	FINDS/FRS

Registry ID: 110018591549
FIPS Code: 37129
HUC Code:
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 26-OCT-04
Update Date: 29-DEC-14
Interest Types: STATE MASTER
SIC Codes: 9999
SIC Code Descriptions: NONCLASSIFIABLE ESTABLISHMENTS
NAICS Codes:
NAICS Code Descriptions:
Conveyor:
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No:
Census Block Code:
EPA Region Code: 04
County Name: NEW HANOVER
US/Mexico Border Ind:
Latitude:
Longitude:
Reference Point:
Coord Collection Method:
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110018591549
Data Source: Facility Registry Service - Single File
Program Acronyms:

NC-FITS:18612

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	2 of 3	E	0.00 / 0.00	27.96 / 0	CITY OF WILMINGTON-HOUSTON MOORE 1601 S. 13TH ST. WILMINGTON NC 28402	LUST

Incdnt No (DWM Map): 15095
Incident No: 15095
Fac ID (DWM Map): 00-0-0000002185
Facility ID: 00-0-0000002185
UST No (DWM Map): WI-1308
UST No: WI-1308
Curr Stat (DWM Map): Archived
Current Status: A
Close Out(DWMMap): 2003/06/13 00:00:00+00
Status Title: Archived
Dt Occur (DWM Map): 1994/07/21 00:00:00+00
Close Out: 6/12/2003
Incident (DWM Map): CITY OF WILMINGTON-HOUSTON MOORE
Date Occurred: 7/20/1994
Address (DWM Map): 1601 S. 13TH ST.
Contam Type: Soil
County (DWM Map): NEW H
Cleanup: 7/20/1994

City (DWM Map):	WILMINGTON	**County:**	NEW H
Zip Code (DWM Map):	28402	**Latitude:**	34.2169
Latitude (DWM Map):	34.2169	**Longitude:**	-77.9303
Long (DWM Map):	-77.9303		

Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (STATUS)

Incident Details

Release Code:		**Samples Include:**	
Release Cause:		**7.5 Min Quad:**	
Release Source:		**5 Min Quad:**	
Type:	4	**Submitted Date:**	27-Feb-1996 00:00:00
Location:	1	**I Ownership:**	6
Site Priority:	20E	**Owner Operator:**	MR. GARY FOSTER
Priority Update:	30-May-1998 00:00:00	**Ownership:**	6
Source Type:		**Ownership Desc:**	County
ERR Type:		**Operation Type:**	3
Wells Affected Y/N:		**Operation Desc:**	Residential
Wells Affected:	0.0	**PIRF Min Soil:**	Min_Soil
Samples Taken By:			

Description of Incident: MINOR SOIL CONTAMINATION CONFIRMED DURING UST CLOSURE.

Incident Report

Report Type:	CSAM	**Approved Date:**	
Request Date:		**Implement Date:**	
Received Date:	04-Dec-1995 00:00:00	**Due Date:**	
Reviewed Date:			

PRT ID: 1085015

Report Type Description: Comprehensive Site Assmt - Soil & GW

Comment:

Incident Status

Last Modified:	12-Jun-2003 00:00:00	**Public Meeting Held:**	
Incident Phase:	CO	**Corrective Act Plan:**	
Incid Phase Desc:	Close Out	**SOC Signed:**	
NOV Issued:		**Reclassification Rep:**	
NORR Issued:		**RS Designation:**	
45 Day Report:		**Closure Req Date:**	

UST Incidents

RO Code:	WIL	**Reg:**	N
CD No:	245	**Conf Risk:**	L
Date Reported:	1994/07/21 00:00:00+00	**RRA Date:**	
Land Use:		**RRA Risk:**	
LUR Filed:		**RRA Rank Curr:**	0
LUR Resc:		**RRA Abate:**	
LUR State:		**Risk:**	L
X:	2323404.25354047	**RRA Rank:**	
Y:	171672.841559812	**MGR:**	BAR
Comm:	C		

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-1308%2A%22%7D

Object ID: 19316

RUST Data

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

MGR:	BAR	**LUR Resc:**	
RO Code:	WIL	**LUR State:**	
Date Reported:	1994/07/21 00:00:00+00	**SL MGR:**	
Date Reported FY:	1994	**SL Cleanup Strt Dt:**	
Date Occured FY:	1994	**SL Cleanup End Dt:**	
Comm:	C	**SL Site Stat:**	
Reg:	N	**SL Ftfrecdte:**	
Perccomfndelig:		**CD NO:**	245
TOT Paid:		**RRA Date:**	
Conf Risk:	L	**RRA Risk:**	
Risk:	L	**RRA Rank Curr:**	0
Landuse:		**RRA Abate:**	
Inc Stat:	Closed	**RRA Rank:**	
Closeout FY:	2003	**X:**	2323404.2536001
LUR Filed:		**Y:**	171672.841409577
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-1308%2A%22%7D		
Comment:	NFA **Note: Many records provided by the department have a truncated [Comment] field.		

LUST Database

MGR:	BAR	**Contact:**	MR. GARY FOSTER
Regional Office Cd:	WIL	**Telephone:**	
Date Reported:	7/20/1994	**RP Address:**	DRAWER 899
Release Code:	0	**RP City:**	WILMINGTON
Release Code Desc:		**RP State:**	NC
Source:	3	**RP Zip Code:**	28402
Source Desc:	LEAK, UST	**RP County:**	
Site Priority:	20E	**RP Email:**	
Pollutant Type:	4	**RP Email1:**	
Pollutant Desc:	HEATING OIL	**RP Owner:**	FALSE
Petroleum Type:	P	**RP Operator:**	FALSE
Petrol Type Desc:	PETROLEUM	**RP Land Owner:**	FALSE
COMM:	C	**Lur Status:**	
COMM Desc:	COMMERCIAL	**LUR Filed:**	
Regulated Code:	N	**LUR Resc:**	
Reg Code Desc:	NON REGULATED	**LUR State:**	
Notice Rg Rq Issd:		**GPS Conf:**	99
Notice Violtn Issd:		**RBCA GW:**	
Contamination:	SL	**RBCA GW Desc:**	
Cleanup:	7/20/1994	**RBCA:**	
Conf Risk:	L	**RBCA Desc:**	
Risk:	L	**CD No:**	245
Land Use:		**Reel No:**	0
Land Use Desc:		**ERR CD:**	
Phase Reqrd:		**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:		**New Source:**	
MTBE 1:	N	**Book:**	
RP Company:	HOUSING AUTHORITY OF WILM.	**Page:**	
HCS Ref:			
Comment:			

NFA **Note: Many records provided by the department have a truncated [Comment] field.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	3 of 3	E	0.00 / 0.00	27.96 / 0	HOUSTON MOORE TERRACE NC1-4 1601 SO 13TH STREET WILMINGTON NC 28402	UST

Facility ID:	00-0-0000002185	**Fac City (Map):**	
No Reg Tanks:		**Fac Zip (Map):**	

No Non-Reg Tanks:		**X (Map):**	
Non-Reg/Com Tanks:		**Y (Map):**	
Fac Owner Type:		**Latitude (Map):**	
City (Report):	WILMINGTON	**Longitude (Map):**	
State (Report):	NC	**City (PST):**	
Zip (Report):	28402	**Latitude (PST):**	
County (Report):		**Longitude (PST):**	
Latitude (Report):	34.216624	**Contact City:**	WILMINGTON
Longitude (Report):	-77.930192	**Contact State:**	NC
Fac Phone (Map) :		**Contact Zip:**	28402
Fac Name (Report):	HOUSTON MOORE TERRACE NC1-4		
Address1 (Report):	1601 SO 13TH STREET		
Address2 (Report):			
Fac Name (Map):			
Fac Address (Map):			
Facility Name (PST):			
Address (PST):			
Contact:	HOUSING AUTHORITY OF WILMINGTON		
Contact Address 1:	508 SOUTH FRONT STREET		
Contact Address 2:			
Data Source:	North Carolina Environmental Quality - UST Databases and Reports		
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		

Tank Info (UST Databases and Reports)

Tank ID:	002	**Regulated:**	0
Tank Status:	Removed	**Product:**	Fuel Oil
Compartment Tank:	NO	**OvrfllProtection:**	Unknown
Manifold Tank:		**Leak Detection:**	
Main Tank:	NO	**Spill Protection:**	Unknown
Root Tank ID:		**Piping Constr:**	Single Wall Steel
Tank Cert No:		**Tank Constr:**	
Cert No:		**Piping System:**	Unknown
Installation Date:	1952/03/26 00:00:00	**FIPS County Desc:**	New Hanover
Perm Close Date:	1994/07/20 00:00:00	**FR Amt:**	
Capacity:	8000	**FR Desc:**	
Commercial:	1	**Last Update Date:**	7/22/2011 0:06:28
FR Bus Name:			
Other CP Tank:			
Other CP Name:			
Leak Detection Key:			
Overfill Protection Key:			
Piping Constr Key:			
Piping System Key:			
Product Key:			
Spill Protection Key:			
Tank Constr Key:			
Tank Status Key:	0		
Tank Constr Key Desc:			

Tank Info (UST Databases and Reports)

Tank ID:	003	**Regulated:**	0
Tank Status:	Removed	**Product:**	Fuel Oil
Compartment Tank:	NO	**OvrfllProtection:**	Unknown
Manifold Tank:		**Leak Detection:**	
Main Tank:	NO	**Spill Protection:**	Unknown
Root Tank ID:		**Piping Constr:**	Single Wall Steel
Tank Cert No:		**Tank Constr:**	
Cert No:		**Piping System:**	Unknown
Installation Date:	1952/03/26 00:00:00	**FIPS County Desc:**	New Hanover
Perm Close Date:	1994/07/20 00:00:00	**FR Amt:**	
Capacity:	8000	**FR Desc:**	
Commercial:	1	**Last Update Date:**	7/22/2011 0:06:28
FR Bus Name:			
Other CP Tank:			

Other CP Name:
Leak Detection Key:
Overfill Protection Key:
Piping Constr Key:
Piping System Key:
Product Key:
Spill Protection Key:
Tank Constr Key:
Tank Status Key: 0
Tank Constr Key Desc:

Tank Info (UST Databases and Reports)

Tank ID:	001	***Regulated:***	1
Tank Status:	Removed	***Product:***	Fuel Oil
Compartment Tank:	NO	***OvrfllProtection:***	Unknown
Manifold Tank:		***Leak Detection:***	
Main Tank:	NO	***Spill Protection:***	Unknown
Root Tank ID:		***Piping Constr:***	Single Wall Steel
Tank Cert No:		***Tank Constr:***	
Cert No:		***Piping System:***	Unknown
Installation Date:	1952/03/26 00:00:00	***FIPS County Desc:***	New Hanover
Perm Close Date:	1994/07/20 00:00:00	***FR Amt:***	
Capacity:	8000	***FR Desc:***	
Commercial:	0	***Last Update Date:***	7/22/2011 0:06:28

FR Bus Name:
Other CP Tank:
Other CP Name:
Leak Detection Key:
Overfill Protection Key:
Piping Constr Key:
Piping System Key:
Product Key:
Spill Protection Key:
Tank Constr Key:
Tank Status Key: 0
Tank Constr Key Desc:

Owner Information

Contact Key:	30502.00	***Phone:***	(919) 762-8544
Facility Key:	84314	***Affiliate Type:***	Owner
FIPS County Desc:	New Hanover	***End Date:***	

2	***1 of 1***	***SE***	***0.00 / 1.02***	***25.88 / -2***	***WILMINGTON EXPORT PACKING INCORPORATED PLAZA EAST SHOPPING CENTE WILMINGTON NC 00000***	***FINDS/FRS***

Registry ID: 110018564828
FIPS Code:
HUC Code: 03030005
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 26-OCT-04
Update Date:
Interest Types: STATE MASTER
SIC Codes: 6512
SIC Code Descriptions: OPERATORS OF NONRESIDENTIAL BUILDINGS
NAICS Codes:
NAICS Code Descriptions:
Conveyor: FRS-GEOCODE
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Tribal Land Name:
Congressional Dist No: 07
Census Block Code: 371290110001024
EPA Region Code: 04
County Name: NEW HANOVER
US/Mexico Border Ind:
Latitude: 34.21647
Longitude: -77.92842
Reference Point: ENTRANCE POINT OF A FACILITY OR STATION
Coord Collection Method: ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value: 50
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110018564828
Data Source: Facility Registry Service - Single File
Program Acronyms:

NC-FITS:7038

3	1 of 1	ENE	0.00 / 0.00	22.87 / -5	NEW HANOVER CO SCHOOL 1508 15TH STREET WILMINGTON NC 28402	FINDS/FRS

Registry ID: 110018635075
FIPS Code: 37129
HUC Code: 03030005
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 26-OCT-04
Update Date: 29-DEC-14
Interest Types: STATE MASTER
SIC Codes: 8211
SIC Code Descriptions: ELEMENTARY AND SECONDARY SCHOOLS
NAICS Codes:
NAICS Code Descriptions:
Conveyor: FRS-GEOCODE
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No: 07
Census Block Code: 371290110001016
EPA Region Code: 04
County Name: NEW HANOVER
US/Mexico Border Ind:
Latitude: 34.21739
Longitude: -77.92792
Reference Point: CENTER OF A FACILITY OR STATION
Coord Collection Method: ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value: 30
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110018635075
Data Source: Facility Registry Service - Single File
Program Acronyms:

NC-FITS:9158

4	1 of 1	W	0.01 / 33.55	33.40 / 5	CFPUA Collection System 1600 blk of 13th St NC	SPILLS

Incident No: 201600621 **Region:** Wilmington

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Latitude:
Longitude:
County: New Hanover

Incident Details

Permit No: WQCS00012
Incident Type: SSO
Start Date: 2/29/2016
Extract Date:
Five Day Start Dt:
Owner: Cape Fear Public Utility Authority
Owner Organztn Nm:
Waterbody Name: CAPE FEAR RIVER
Force Main Length Miles: 109
Gravity Sewer Length Miles: 872
Permitted Flow Qty Gpd: 16000000
Pressure Sewer Length Miles: 0
Category: Incident
Year: 2021
Est Total Vol: 40
Est Surface Wtr Vol: 40
Cur Classification: C;Sw
Duration (Minutes): 20
User Last Updated:

Incident Details

Permit No: WQCS00012
Incident Type: SSO
Start Date: 2/29/2016
Extract Date:
Five Day Start Dt:
Owner: Cape Fear Public Utility Authority
Owner Organztn Nm:
Waterbody Name: CAPE FEAR RIVER
Force Main Length Miles: 109
Gravity Sewer Length Miles: 872
Permitted Flow Qty Gpd: 16000000
Pressure Sewer Length Miles: 0
Category: SSO 5 day
Year: 2021
Est Total Vol: 40
Est Surface Wtr Vol: 40
Cur Classification: C;Sw
Duration (Minutes): 20
User Last Updated:

5	1 of 1	E	0.01 / 36.76	21.39 / -7	**Northside WWTP** **Willard & S. 15th Street** **NC**	SPILLS

Incident No: 19984965
Latitude:
Longitude:
Region: Wilmington
County: New Hanover

Incident Details

Permit No: NC0023965
Incident Type: SSO
Start Date: 11/5/1998
Extract Date:
Five Day Start Dt:
Owner: Cape Fear Public Utility Authority
Owner Organztn Nm:
Waterbody Name:
Force Main Length Miles:
Gravity Sewer Length Miles:
Permitted Flow Qty Gpd:
Pressure Sewer Length Miles:
Category:
Year: 2021
Est Total Vol: 25
Est Surface Wtr Vol:
Cur Classification:
Duration (Minutes): 60
User Last Updated:

6	1 of 3	SSW	0.01 / 53.54	32.31 / 4	**LAKESIDE** **1805 SOUTH 13TH STREET** **WILMINGTON NC 28401**	FINDS/FRS

Registry ID: 110018600487

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

FIPS Code:	37129
HUC Code:	03030005
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	26-OCT-04
Update Date:	29-DEC-14
Interest Types:	STATE MASTER
SIC Codes:	9999
SIC Code Descriptions:	NONCLASSIFIABLE ESTABLISHMENTS
NAICS Codes:	
NAICS Code Descriptions:	
Conveyor:	FRS-GEOCODE
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No:	07
Census Block Code:	371290110002000
EPA Region Code:	04
County Name:	NEW HANOVER
US/Mexico Border Ind:	
Latitude:	34.21502
Longitude:	-77.93028
Reference Point:	CENTER OF A FACILITY OR STATION
Coord Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value:	30
Datum:	NAD83
Source:	
Facility Detail Rprt URL:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110018600487
Data Source:	Facility Registry Service - Single File
Program Acronyms:	

NC-FITS:34912

6	2 of 3	SSW	0.01 / 53.54	32.31 / 4	LAKESIDE HIGH SCHOOL 1805 SOUTH 13TH ST WILMINGTON NC 28401	UST

Facility ID:	00-0-0000027194	**Fac City (Map):**	
No Reg Tanks:		**Fac Zip (Map):**	
No Non-Reg Tanks:		**X (Map):**	
Non-Reg/Com Tanks:		**Y (Map):**	
Fac Owner Type:		**Latitude (Map):**	
City (Report):	WILMINGTON	**Longitude (Map):**	
State (Report):	NC	**City (PST):**	
Zip (Report):	28401	**Latitude (PST):**	
County (Report):		**Longitude (PST):**	
Latitude (Report):	34.21503	**Contact City:**	WILMINGTON
Longitude (Report):	-77.92954	**Contact State:**	NC
Fac Phone (Map) :		**Contact Zip:**	28412
Fac Name (Report):	LAKESIDE HIGH SCHOOL		
Address1 (Report):	1805 SOUTH 13TH ST		
Address2 (Report):			
Fac Name (Map):			
Fac Address (Map):			
Facility Name (PST):			
Address (PST):			
Contact:	NEW HANOVER COUNTY SCHLS-TRANSPORTATION		
Contact Address 1:	2814 CAROLINA BEACH RD		
Contact Address 2:	ATTN: KEN NANCE		
Data Source:	North Carolina Environmental Quality - UST Databases and Reports		
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Tank Info (UST Databases and Reports)

Tank ID:	5	***Regulated:***	0
Tank Status:	Removed	***Product:***	Heating Oil/Fuel
Compartment Tank:	NO	***OvrfllProtection:***	Unknown
Manifold Tank:		***Leak Detection:***	
Main Tank:	NO	***Spill Protection:***	Unknown
Root Tank ID:		***Piping Constr:***	Unknown
Tank Cert No:	200405246O	***Tank Constr:***	
Cert No:	200405246O	***Piping System:***	Unknown
Installation Date:	1964/01/01 00:00:00	***FIPS County Desc:***	New Hanover
Perm Close Date:	2004/06/28 00:00:00	***FR Amt:***	
Capacity:	10000	***FR Desc:***	
Commercial:	1	***Last Update Date:***	8/19/2004 0:00:00
FR Bus Name:			
Other CP Tank:			
Other CP Name:			
Leak Detection Key:			
Overfill Protection Key:			
Piping Constr Key:			
Piping System Key:			
Product Key:			
Spill Protection Key:			
Tank Constr Key:			
Tank Status Key:	0		
Tank Constr Key Desc:			

Owner Information

Contact Key:	50975.00	***Phone:***	(910) 254-4285
Facility Key:	106693	***Affiliate Type:***	Owner
FIPS County Desc:	New Hanover	***End Date:***	

6	*3 of 3*	*SSW*	*0.01 / 53.54*	*32.31 / 4*	***LAKESIDE SCHOOL*** ***1805 S.13TH ST.*** ***WILMINGTON NC 28401***	***LUST***

Incdnt No (DWM Map):		***Incident No:***	
Fac ID (DWM Map):	00-0-0000027194	***Facility ID:***	00-0-0000027194
UST No (DWM Map):	WI-2437	***UST No:***	WI-2437
Curr Stat (DWM Map):	Archived	***Current Status:***	A
Close Out(DWMMap):	2004/08/03 00:00:00+00	***Status Title:***	Archived
Dt Occur (DWM Map):	2004/08/03 00:00:00+00	***Close Out:***	8/2/2004
Incident (DWM Map):	LAKESIDE SCHOOL	***Date Occurred:***	8/2/2004
Address (DWM Map):	1805 S.13TH ST.	***Contam Type:***	None
County (DWM Map):	NEW H	***Cleanup:***	8/2/2004
City (DWM Map):	WILMINGTON	***County:***	NEW H
Zip Code (DWM Map):	28401	***Latitude:***	0
Latitude (DWM Map):	0	***Longitude:***	0
Long (DWM Map):	0		
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		
Data Source:	Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB)		

UST Incidents

RO Code:	WIL	***Reg:***	N
CD No:	462	***Conf Risk:***	L
Date Reported:	2004/08/03 00:00:00+00	***RRA Date:***	
Land Use:		***RRA Risk:***	
LUR Filed:		***RRA Rank Curr:***	0
LUR Resc:		***RRA Abate:***	
LUR State:		***Risk:***	
X:	32888970.6354088	***RRA Rank:***	

Y:	-69513.2738360167	**MGR:**	NPM
Comm:	C		
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-2437%2A%22%7D		
Object ID:	9921		

RUST Data

MGR:	NPM	**LUR Resc:**	
RO Code:	WIL	**LUR State:**	
Date Reported:	2004/08/03 00:00:00+00	**SL MGR:**	
Date Reported FY:	2004	**SL Cleanup Strt Dt:**	
Date Occured FY:	2004	**SL Cleanup End Dt:**	
Comm:	C	**SL Site Stat:**	
Reg:	N	**SL Ftfrecdte:**	
Perccomfndelig:		**CD NO:**	462
TOT Paid:		**RRA Date:**	
Conf Risk:	L	**RRA Risk:**	
Risk:		**RRA Rank Curr:**	0
Landuse:		**RRA Abate:**	
Inc Stat:	Closed	**RRA Rank:**	
Closeout FY:	2004	**X:**	32888970.6352937
LUR Filed:		**Y:**	-69513.2738257283
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-2437%2A%22%7D		
Comment:	Clean Closure. File pulled for archiving on 9/13/2011 by LEB.		

LUST Database

MGR:	NPM	**Contact:**	IRENE SOTIRIOU
Regional Office Cd:	WIL	**Telephone:**	9102544398
Date Reported:	8/2/2004	**RP Address:**	1802 SOUTH 15TH STREET
Release Code:	0	**RP City:**	WILMINGTON
Release Code Desc:		**RP State:**	NC
Source:		**RP Zip Code:**	28401
Source Desc:		**RP County:**	
Site Priority:		**RP Email:**	
Pollutant Type:	4	**RP Email1:**	
Pollutant Desc:	HEATING OIL	**RP Owner:**	TRUE
Petroleum Type:	P	**RP Operator:**	TRUE
Petrol Type Desc:	PETROLEUM	**RP Land Owner:**	TRUE
COMM:	C	**Lur Status:**	
COMM Desc:	COMMERCIAL	**LUR Filed:**	
Regulated Code:	N	**LUR Resc:**	
Reg Code Desc:	NON REGULATED	**LUR State:**	
Notice Rg Rq Issd:		**GPS Conf:**	99
Notice Violtn Issd:		**RBCA GW:**	
Contamination:	NO	**RBCA GW Desc:**	
Cleanup:	8/2/2004	**RBCA:**	
Conf Risk:	L	**RBCA Desc:**	
Risk:		**CD No:**	462
Land Use:		**Reel No:**	2437
Land Use Desc:		**ERR CD:**	
Phase Reqrd:		**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:	0	**New Source:**	
MTBE 1:	U	**Book:**	
RP Company:	NEW HANOVER COUNTY BOARD OF ED	**Page:**	
HCS Ref:			
Comment:			

Clean Closure. File pulled for archiving on 9/13/2011 by LEB.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
7	1 of 1	W	0.02 / 112.90	30.84 / 3	1540 S 13th NC	SPILLS

Incident No: 200701602
Latitude:
Longitude:
Region: Wilmington
County: New Hanover

Incident Details

Permit No:
Incident Type:
Start Date: 1/11/2007
Extract Date:
Five Day Start Dt:
Owner:
Owner Organztn Nm:
Waterbody Name:
Force Main Length Miles:
Gravity Sewer Length Miles:
Permitted Flow Qty Gpd:
Pressure Sewer Length Miles:
Category:
Year: 2016
Est Total Vol:
Est Surface Wtr Vol:
Cur Classification:
Duration (Minutes):
User Last Updated:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
8	1 of 3	NE	0.05 / 270.99	25.37 / -3	SOUTHERN BELL TELEPHONE CO., #29160 1507 GREENFIELD ST WILMINGTON NC 28202	LUST

Incdnt No (DWM Map): 7285
Fac ID (DWM Map): 00-0-0000034402
UST No (DWM Map): WI-975
Curr Stat (DWM Map): Archived
Close Out(DWMMap): 1998/11/13 00:00:00+00
Dt Occur (DWM Map): 1992/01/11 00:00:00+00
Incident (DWM Map): SOUTHERN BELL TELEPHONE CO., #29160
Address (DWM Map): 1507 GREENFIELD ST
County (DWM Map): NEW H
City (DWM Map): WILMINGTON
Zip Code (DWM Map): 28202
Latitude (DWM Map): 34.2183
Long (DWM Map): -77.9275
Incident No: 7285
Facility ID: 00-0-0000034402
UST No: WI-975
Current Status: A
Status Title: Archived
Close Out: 11/12/1998
Date Occurred: 1/10/1992
Contam Type: Groundwater/Both
Cleanup: 1/10/1992
County: NEW H
Latitude: 34.2183
Longitude: -77.9275
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx
Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (RRA); RUST Incident Management Database (STATUS)

Incident Details

Release Code:
Release Cause:
Release Source:
Type: 3
Location: 1
Site Priority: 35E
Priority Update: 30-May-1998 00:00:00
Source Type:
ERR Type:
Wells Affected Y/N: N
Wells Affected: 0.0
Samples Taken By: 3
Samples Include: 1
7.5 Min Quad:
5 Min Quad:
Submitted Date: 26-Mar-1992 00:00:00
I Ownership: 4
Owner Operator: MR. K.D. JONES
Ownership: 4
Ownership Desc: Private
Operation Type: 6
Operation Desc: Commercial
PIRF Min Soil: Pirf
Description of Incident: UPON REMOVAL OF UST, GW SAMPLES CONFIRMED CONTAMINATION.

Incident Report

Report Type: CSA
Request Date:
Received Date: 08-Sep-1993 00:00:00
Reviewed Date: 22-Oct-1993 00:00:00
PRT ID: 1084571
Report Type Description:
Comment:
Approved Date:
Implement Date:
Due Date:

Report Type: CAP
Request Date:
Received Date: 09-Nov-1993 00:00:00
Reviewed Date: 28-Mar-1994 00:00:00
PRT ID: 1085504
Report Type Description: Corrective Action Plan - Soil & GW
Comment:
Approved Date: 28-Mar-1994 00:00:00
Implement Date: 08-Dec-1994 00:00:00
Due Date:

Report Type: 90DAY
Request Date:
Received Date: 30-Oct-1998 00:00:00
Reviewed Date:
PRT ID: 1085456
Report Type Description: 90 Day Report
Comment:
Approved Date:
Implement Date:
Due Date:

RRA

RRA Date: 23-Nov-1998 00:00:00
RRA Init: LEP
RRA Risk: L
RRA ID: 43458
RRA Rank: 0055
RRA Abate: D

Incident Status

Last Modified: 23-Nov-1998 00:00:00
Incident Phase: CO
Incid Phase Desc: Close Out
NOV Issued:
NORR Issued:
45 Day Report:
Public Meeting Held:
Corrective Act Plan:
SOC Signed:
Reclassification Rep:
RS Designation:
Closure Req Date:

UST Incidents

RO Code: WIL
CD No: 162
Date Reported: 1992/03/19 00:00:00+00
Land Use: RES
LUR Filed:
LUR Resc:
LUR State:
X: 2324245.24267213
Y: 172191.465850651
Comm: C
Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-975%2A%22%7D
Object ID: 12638
Reg: R
Conf Risk: L
RRA Date: 1998/11/24 00:00:00+00
RRA Risk: L
RRA Rank Curr: 55
RRA Abate: D
Risk: L
RRA Rank: 0055
MGR: BAR

RUST Data

MGR: BAR
LUR Resc:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

RO Code:	WIL	**LUR State:**	
Date Reported:	1992/03/19 00:00:00+00	**SL MGR:**	
Date Reported FY:	1992	**SL Cleanup Strt Dt:**	
Date Occured FY:	1992	**SL Cleanup End Dt:**	
Comm:	C	**SL Site Stat:**	
Reg:	R	**SL Ftfrecdte:**	
Perccomfndelig:	100	**CD NO:**	162
TOT Paid:	121235.88	**RRA Date:**	1998/11/24 00:00:00+00
Conf Risk:	L	**RRA Risk:**	L
Risk:	L	**RRA Rank Curr:**	55
Landuse:	RES	**RRA Abate:**	D
Inc Stat:	Closed	**RRA Rank:**	0055
Closeout FY:	1999	**X:**	2324245.24279338
LUR Filed:		**Y:**	172191.465798741

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-975%2A%22%7D

Comment:

LUST Database

MGR:	BAR	**Contact:**	MR. K.D. JONES
Regional Office Cd:	WIL	**Telephone:**	7043788934
Date Reported:	3/18/1992	**RP Address:**	P.O. BOX 30188
Release Code:	0	**RP City:**	CHARLOTTE
Release Code Desc:		**RP State:**	NC
Source:	3	**RP Zip Code:**	28230
Source Desc:	LEAK, UST	**RP County:**	
Site Priority:	35E	**RP Email:**	
Pollutant Type:	3	**RP Email1:**	
Pollutant Desc:	GASOLINE/DIESEL/KEROSENE	**RP Owner:**	FALSE
Petroleum Type:	P	**RP Operator:**	FALSE
Petrol Type Desc:	PETROLEUM	**RP Land Owner:**	FALSE
COMM:	C	**Lur Status:**	
COMM Desc:	COMMERCIAL	**LUR Filed:**	
Regulated Code:	R	**LUR Resc:**	
Reg Code Desc:	REGULATED	**LUR State:**	
Notice Rg Rq Issd:	4/6/1992	**GPS Conf:**	99
Notice Violtn Issd:		**RBCA GW:**	
Contamination:	GW	**RBCA GW Desc:**	
Cleanup:	1/10/1992	**RBCA:**	
Conf Risk:	L	**RBCA Desc:**	
Risk:	L	**CD No:**	162
Land Use:	RES	**Reel No:**	3911
Land Use Desc:	Residential	**ERR CD:**	YES
Phase Reqrd:		**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:	ST	**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:		**New Source:**	
MTBE 1:	U	**Book:**	
RP Company:	BELLSOUTH COMMUNICATIONS, INC.	**Page:**	
HCS Ref:			
Comment:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
8	2 of 3	NE	0.05 / 270.99	25.37 / -3	**Bellsouth Telecommunications** **1507 Greenfield St.** **Wilmington NC**	LUST TRUST

Incident No: 7285
Facility ID: 0-034402
Site County: New Hanover
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Details

Archive Submit No:	4209.0064	***3rd Party Deduct:***	$100,000.00
CD No:	STF 18	***Sum 3rd Party Amts:***	$0.00
UST No:	WI-975	***Deduct Determine:***	3
Priority Rank:	L	***Deductible Amount:***	$20,000.00
Priority Rank Desc:	Low risk	***Deductible Reason1:***	flat 20 k
Site Eligible?:	Yes	***Deductible Reason2:***	94B(b)(2)
% Commercial Fund:	1.0	***Inel App:***	
Reimbursement Form:	No		
Site Note:			

8	*3 of 3*	*NE*	*0.05 / 270.99*	*25.37 / -3*	***SOUTHERN BELL FAC 29160 1507 GREENFIELD STREET WILMINGTON NC 99999***	***UST***

Facility ID:	00-0-0000034402	***Fac City (Map):***	
No Reg Tanks:		***Fac Zip (Map):***	
No Non-Reg Tanks:		***X (Map):***	
Non-Reg/Com Tanks:		***Y (Map):***	
Fac Owner Type:		***Latitude (Map):***	
City (Report):	WILMINGTON	***Longitude (Map):***	
State (Report):	NC	***City (PST):***	
Zip (Report):	99999	***Latitude (PST):***	
County (Report):		***Longitude (PST):***	
Latitude (Report):	34.2186	***Contact City:***	MACCLENNY
Longitude (Report):	-77.92741	***Contact State:***	FL
Fac Phone (Map) :		***Contact Zip:***	32063
Fac Name (Report):	SOUTHERN BELL FAC 29160		
Address1 (Report):	1507 GREENFIELD STREET		
Address2 (Report):			
Fac Name (Map):			
Fac Address (Map):			
Facility Name (PST):			
Address (PST):			
Contact:	BELLSOUTH TELECOMMUNICATIONS INC		
Contact Address 1:	7825 RED TOP ROAD/RAYSHELL WAMSLEY		
Contact Address 2:			
Data Source:	North Carolina Environmental Quality - UST Databases and Reports		
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		

Tank Info (UST Databases and Reports)

Tank ID:	1	***Regulated:***	1
Tank Status:	Removed	***Product:***	Gasoline, Gas Mix
Compartment Tank:	NO	***OvrfllProtection:***	Unknown
Manifold Tank:		***Leak Detection:***	
Main Tank:	NO	***Spill Protection:***	Unknown
Root Tank ID:		***Piping Constr:***	Unknown
Tank Cert No:		***Tank Constr:***	
Cert No:		***Piping System:***	Unknown
Installation Date:	1964/01/01 00:00:00	***FIPS County Desc:***	New Hanover
Perm Close Date:	1991/12/30 00:00:00	***FR Amt:***	
Capacity:	12000	***FR Desc:***	
Commercial:	1	***Last Update Date:***	7/9/2004 0:00:00
FR Bus Name:			
Other CP Tank:			
Other CP Name:			
Leak Detection Key:			
Overfill Protection Key:			
Piping Constr Key:			
Piping System Key:			
Product Key:			
Spill Protection Key:			
Tank Constr Key:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Tank Status Key: 0
Tank Constr Key Desc:

Owner Information

Contact Key: 5014.00
Facility Key: 110995
FIPS County Desc: New Hanover
Phone: (704) 922-1515
Affiliate Type: Owner
End Date:

---

9 | **1 of 1** | **NNE** | **0.11 / 599.56** | **32.52 / 5** | **1230-C S-15th Street NC** | **SPILLS**

Incident No: 200400357
Latitude:
Longitude:
Region: Wilmington
County: New Hanover

Incident Details

Permit No:
Incident Type:
Start Date: 2/13/2004
Extract Date:
Five Day Start Dt:
Owner:
Owner Organztn Nm:
Waterbody Name:
Force Main Length Miles:
Gravity Sewer Length Miles:
Permitted Flow Qty Gpd:
Pressure Sewer Length Miles:
Category:
Year: 2016
Est Total Vol:
Est Surface Wtr Vol:
Cur Classification:
Duration (Minutes):
User Last Updated:

Incident Details

Permit No:
Incident Type:
Start Date: 2/13/2004
Extract Date:
Five Day Start Dt:
Owner:
Owner Organztn Nm:
Waterbody Name:
Force Main Length Miles:
Gravity Sewer Length Miles:
Permitted Flow Qty Gpd:
Pressure Sewer Length Miles:
Category:
Year: 2016
Est Total Vol:
Est Surface Wtr Vol:
Cur Classification:
Duration (Minutes):
User Last Updated:

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10 | **1 of 2** | **SSE** | **0.19 / 1,014.20** | **12.10 / -16** | **Parmele Drive-1506 1506 Parmele Dr Wilmington NC** | **LUST TRUST**

Incident No: 32742
Facility ID:
Site County: New Hanover
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Details

Archive Submit No: NA
CD No: NA
3rd Party Deduct: $0.00
Sum 3rd Party Amts: $0.00

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

UST No:	WI-7649	**Deduct Determine:**	0
Priority Rank:		**Deductible Amount:**	$0.00
Priority Rank Desc:		**Deductible Reason1:**	
Site Eligible?:	Yes	**Deductible Reason2:**	
% Commercial Fund:	0.0	**Inel App:**	
Reimbursement Form:	No		

Site Note: Noncommercial; 100% eligible; $0 deductible. Track this as a site that would have been 5K + 10% as this is receiving 100% because of Session Law 2010-154. [CGS 4/10/12]

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10 | **2 of 2** | **SSE** | **0.19 / 1,014.20** | **12.10 / -16** | **PARMELE DRIVE- 1506**
1506 PARMELE DR
WILMINGTON NC 28401 | **LUST**

Incdnt No (DWM Map):	32742	**Incident No:**	32742
Fac ID (DWM Map):		**Facility ID:**	
UST No (DWM Map):	WI-7649	**UST No:**	WI-7649
Curr Stat (DWM Map):	Current Record	**Current Status:**	C
Close Out(DWMMap):		**Status Title:**	Current Record
Dt Occur (DWM Map):	2011/10/18 00:00:00+00	**Close Out:**	
Incident (DWM Map):	PARMELE DRIVE- 1506	**Date Occurred:**	10/17/2011
Address (DWM Map):	1506 PARMELE DR	**Contam Type:**	Soil
County (DWM Map):	NEW H	**Cleanup:**	10/17/2011
City (DWM Map):	WILMINGTON	**County:**	NEW H
Zip Code (DWM Map):	28401	**Latitude:**	34.213151
Latitude (DWM Map):	34.213151	**Longitude:**	-77.927742
Long (DWM Map):	-77.927742		

Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (RRA)

Incident Details

Release Code:	2	**Samples Include:**	
Release Cause:	3	**7.5 Min Quad:**	
Release Source:	A	**5 Min Quad:**	
Type:	4	**Submitted Date:**	17-Oct-2011 00:00:00
Location:	7	**I Ownership:**	4
Site Priority:		**Owner Operator:**	
Priority Update:		**Ownership:**	4
Source Type:	P	**Ownership Desc:**	Private
ERR Type:		**Operation Type:**	3
Wells Affected Y/N:	N	**Operation Desc:**	Residential
Wells Affected:		**PIRF Min Soil:**	
Samples Taken By:	Y		
Description of Incident:			

Incident Report

Report Type:	LSA1	**Approved Date:**	10-Apr-2012 00:00:00
Request Date:		**Implement Date:**	
Received Date:	05-Mar-2012 00:00:00	**Due Date:**	
Reviewed Date:	10-Apr-2012 00:00:00		
PRT ID:	1088185		
Report Type Description:	Limited Site Assmt Phase 1		
Comment:			

Ranked High, gave to Gene for reassignment **Note: Many records provided by the department have a truncated [Comment] field.

Report Type:	20DAY	**Approved Date:**	22-Feb-2012 00:00:00
Request Date:		**Implement Date:**	
Received Date:	27-Jan-2012 00:00:00	**Due Date:**	

Reviewed Date: 22-Feb-2012 00:00:00
PRT ID: 1088104
Report Type Description: 20 Day Report
Comment:

Report Type: Iaa
Request Date:
Received Date: 27-Jan-2012 00:00:00
Reviewed Date: 22-Feb-2012 00:00:00
PRT ID: 1088105
Report Type Description:
Comment:
Approved Date: 22-Feb-2012 00:00:00
Implement Date:
Due Date:

request LSA **Note: Many records provided by the department have a truncated [Comment] field.

RRA

RRA Date: 18-Apr-2012 00:00:00
RRA Init: Mec
RRA Risk: H
RRA ID: 43183
RRA Rank: 0155
RRA Abate: D

UST Incidents

RO Code: WIL
CD No: 0
Date Reported: 2011/10/18 00:00:00+00
Land Use:
LUR Filed:
LUR Resc:
LUR State:
X: 2324192.32348664
Y: 170316.841319054
Comm: N
Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7649%2A%22%7D
Object ID: 33603
Reg: N
Conf Risk: H
RRA Date: 2012/04/19 00:00:00+00
RRA Risk: H
RRA Rank Curr: 155
RRA Abate: D
Risk: H
RRA Rank: 0155
MGR: NPM

RUST Data

MGR: NPM
RO Code: WIL
Date Reported: 2011/10/18 00:00:00+00
Date Reported FY: 2012
Date Occured FY: 2012
Comm: N
Reg: N
Perccomfndelig: 0
TOT Paid: 12552.32
Conf Risk: H
Risk: H
Landuse:
Inc Stat: Open
Closeout FY:
LUR Filed:
Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7649%2A%22%7D
Comment: High risk, stop funding NORR issued.
LUR Resc:
LUR State:
SL MGR:
SL Cleanup Strt Dt:
SL Cleanup End Dt:
SL Site Stat:
SL Ftfrecdte:
CD NO: 0
RRA Date: 2012/04/19 00:00:00+00
RRA Risk: H
RRA Rank Curr: 155
RRA Abate: D
RRA Rank: 0155
X: 2324192.32360653
Y: 170316.841263343

LUST Database

MGR: NPM
Regional Office Cd: WIL
Contact: JACK POULOS
Telephone: 9106173086

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Date Reported:	10/17/2011	**RP Address:**	1506 PARMELE DR
Release Code:	0	**RP City:**	WILMINGTON
Release Code Desc:		**RP State:**	NC
Source:	3	**RP Zip Code:**	28401
Source Desc:	LEAK, UST	**RP County:**	
Site Priority:		**RP Email:**	
Pollutant Type:	4	**RP Email1:**	
Pollutant Desc:	HEATING OIL	**RP Owner:**	FALSE
Petroleum Type:	P	**RP Operator:**	FALSE
Petrol Type Desc:	PETROLEUM	**RP Land Owner:**	TRUE
COMM:	N	**Lur Status:**	
COMM Desc:	NON COMMERCIAL	**LUR Filed:**	
Regulated Code:	N	**LUR Resc:**	
Reg Code Desc:	NON REGULATED	**LUR State:**	
Notice Rg Rq Issd:		**GPS Conf:**	99
Notice Violtn Issd:		**RBCA GW:**	
Contamination:	SL	**RBCA GW Desc:**	
Cleanup:	10/17/2011	**RBCA:**	
Conf Risk:	H	**RBCA Desc:**	
Risk:	H	**CD No:**	0
Land Use:		**Reel No:**	0
Land Use Desc:		**ERR CD:**	NO
Phase Reqrd:		**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:	0	**New Source:**	
MTBE 1:	U	**Book:**	
RP Company:		**Page:**	
HCS Ref:			
Comment:			

High risk, stop funding NORR issued.

11	*1 of 1*	*N*	*0.20 / 1,035.23*	*41.42 / 13*	***Wilmington Ldfl (Kidder St)*** ***1225 13th St.*** ***Wilmington NC***	***OLD LF***

EPA ID:	NONCD0000756	**Source:**	
Site County:	New Hanover	**Geoloc Cod:**	12
Status:	Activity Pending	**X:**	-77.92979400368989
Contact:	PRLF Unit Supervisor	**Y:**	34.22042508749199
Phone:	919-707-8333	**Latitude:**	34.22043185
Email:	ryan.channell@ncdenr.gov	**Longitude:**	-77.92979632
NFA with Restrictn:	FALSE		

Doc Link: https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand={[WM]:[Program_ID]=%22*NONCD0000756*%22}

Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

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12	*1 of 2*	*W*	*0.21 / 1,082.87*	*19.11 / -9*	***Knight's Lake Village Launderette*** ***1040 Greenfield Street,*** ***Wilmington,NC*** ***NC***	***DRYC*** ***CITY DIR***

X:	-77.9342722
Y:	34.2176227

Details

Comment : Wilmington 1975 City Directory, Laundries - Self Serve Listing

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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
12	2 of 2	W	0.21 / 1,082.87	19.11 / -9	Lake Village Launderette 1040 Greenfield Street, Wilmington,NC NC	DRYC CITY DIR

X: -77.9342722
Y: 34.2176227

Details

Comment : Wilmington 1970 City Directory, Laundries - Self Serve Listing

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
13	1 of 3	S	0.24 / 1,284.45	16.52 / -11	PARMELE DRIVE - 1414 1414 PARMELE DRIVE WILMINGTON NC	LUST

Incdnt No (DWM Map):	32891	**Incident No:**	32891
Fac ID (DWM Map):		**Facility ID:**	
UST No (DWM Map):	WI-7822	**UST No:**	WI-7822
Curr Stat (DWM Map):	Archived	**Current Status:**	A
Close Out(DWMMap):	2014/10/08 00:00:00+00	**Status Title:**	Archived
Dt Occur (DWM Map):	2013/12/19 00:00:00+00	**Close Out:**	10/7/2014
Incident (DWM Map):	PARMELE DRIVE - 1414	**Date Occurred:**	12/18/2013
Address (DWM Map):	1414 PARMELE DRIVE	**Contam Type:**	Soil
County (DWM Map):	NEW H	**Cleanup:**	12/18/2013
City (DWM Map):	WILMINGTON	**County:**	NEW H
Zip Code (DWM Map):		**Latitude:**	34.212538
Latitude (DWM Map):	34.212538	**Longitude:**	-77.928707
Long (DWM Map):	-77.928707		

Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (RRA); RUST Incident Management Database (STATUS)

Incident Details

Release Code:	3	**Samples Include:**	
Release Cause:	3	**7.5 Min Quad:**	
Release Source:	A	**5 Min Quad:**	
Type:	4	**Submitted Date:**	18-Dec-2013 00:00:00
Location:	7	**I Ownership:**	4
Site Priority:		**Owner Operator:**	
Priority Update:		**Ownership:**	4
Source Type:	P	**Ownership Desc:**	Private
ERR Type:		**Operation Type:**	3
Wells Affected Y/N:	N	**Operation Desc:**	Residential
Wells Affected:		**PIRF Min Soil:**	
Samples Taken By:	Y		
Description of Incident:			

Incident Report

Report Type:	IAA	**Approved Date:**	26-Feb-2014 00:00:00
Request Date:		**Implement Date:**	
Received Date:	20-Feb-2014 00:00:00	**Due Date:**	
Reviewed Date:	26-Feb-2014 00:00:00		
PRT ID:	1090397		
Report Type Description:			
Comment:			

surface water within 850'
soil samples with hit above soil to gw and res was
PD-Center C9-C18 Aliphatics 6,315,190.2 ppb

excavation was 10' deep
LSA requested 2/26/2014 **Note: Many records provided by the department have a truncated [Comment] field.

Report Type: LSA1
Request Date:
Received Date: 05-May-2014 00:00:00
Reviewed Date: 07-May-2014 00:00:00
PRT ID: 1090507
Report Type Description: Limited Site Assmt Phase 1
Comment:
Approved Date: 07-May-2014 00:00:00
Implement Date:
Due Date:

Groundwater samples showed no concentrations above 2L **Note: Many records provided by the department have a truncated [Comment] field.

Report Type: OTH
Request Date: 12-Nov-2014 00:00:00
Received Date: 12-Nov-2014 00:00:00
Reviewed Date:
PRT ID: 1091147
Report Type Description: Other (Comments Required)
Comment:
Approved Date: 12-Nov-2014 00:00:00
Implement Date:
Due Date:

Well abandonment for MW-1 **Note: Many records provided by the department have a truncated [Comment] field.

Report Type: 20DAY
Request Date:
Received Date: 27-Jan-2014 00:00:00
Reviewed Date: 28-Jan-2014 00:00:00
PRT ID: 1090364
Report Type Description: 20 Day Report
Comment:
Approved Date: 28-Jan-2014 00:00:00
Implement Date:
Due Date:

270 gallon tank removed.
19.36 tons soil excavated
TPH GRO 79.7 ppm
TPH DRO 14700 ppm
Groundwater not observed
NORR for IAA sent 1/28/2014 VM **Note: Many records provided by the department have a truncated [Comment] field.

Report Type: PN
Request Date:
Received Date: 19-Nov-2014 00:00:00
Reviewed Date: 19-Nov-2014 00:00:00
PRT ID: 1091158
Report Type Description: Public Notification
Comment:
Approved Date: 19-Nov-2014 00:00:00
Implement Date:
Due Date:

8 PN were sent out /// VM **Note: Many records provided by the department have a truncated [Comment] field.

RRA

RRA Date: 08-May-2014 00:00:00
RRA Init: VM
RRA Risk: H
RRA ID: 43453
RRA Rank: 0090
RRA Abate: D

Incident Status

Last Modified: 07-Oct-2014 00:00:00
Incident Phase: CO
Incid Phase Desc: Close Out
NOV Issued:
NORR Issued:
45 Day Report:
Public Meeting Held:
Corrective Act Plan:
SOC Signed:
Reclassification Rep:
RS Designation:
Closure Req Date:

UST Incidents

RO Code:	WIL	***Reg:***	N
CD No:	582	***Conf Risk:***	L
Date Reported:	2013/12/19 00:00:00+00	***RRA Date:***	2014/05/09 00:00:00+00
Land Use:	RES	***RRA Risk:***	H
LUR Filed:	2014/09/13 00:00:00+00	***RRA Rank Curr:***	90
LUR Resc:		***RRA Abate:***	D
LUR State:	S	***Risk:***	L
X:	2323902.97990522	***RRA Rank:***	0090
Y:	170090.606863394	***MGR:***	VM
Comm:	N		
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7822%2A%22%7D		
Object ID:	33750		

RUST Data

MGR:	VM	***LUR Resc:***	
RO Code:	WIL	***LUR State:***	S
Date Reported:	2013/12/19 00:00:00+00	***SL MGR:***	
Date Reported FY:	2014	***SL Cleanup Strt Dt:***	
Date Occured FY:	2014	***SL Cleanup End Dt:***	
Comm:	N	***SL Site Stat:***	
Reg:	N	***SL Ftfrecdte:***	
Perccomfndelig:	0	***CD NO:***	582
TOT Paid:	12219.58	***RRA Date:***	2014/05/09 00:00:00+00
Conf Risk:	L	***RRA Risk:***	H
Risk:	L	***RRA Rank Curr:***	90
Landuse:	RES	***RRA Abate:***	D
Inc Stat:	Closed	***RRA Rank:***	0090
Closeout FY:	2015	***X:***	2323902.97984972
LUR Filed:	2014/09/13 00:00:00+00	***Y:***	170090.606954715
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7822%2A%22%7D		
Comment:	Site was closed based on NRP for the soil and there was no groundwater contamination. File pulled for archiving in 9/2015 **Note: Many records provided by the department have a truncated [Comment] field.		

LUST Database

MGR:	VM	***Contact:***	MS. MARTHA DAVIS
Regional Office Cd:	WIL	***Telephone:***	
Date Reported:	12/18/2013	***RP Address:***	13 ROSEBUD DRIVE
Release Code:	0	***RP City:***	BLUFFTON
Release Code Desc:		***RP State:***	SC
Source:	3	***RP Zip Code:***	299104703
Source Desc:	LEAK, UST	***RP County:***	
Site Priority:		***RP Email:***	
Pollutant Type:	4	***RP Email1:***	
Pollutant Desc:	HEATING OIL	***RP Owner:***	TRUE
Petroleum Type:	P	***RP Operator:***	FALSE
Petrol Type Desc:	PETROLEUM	***RP Land Owner:***	FALSE
COMM:	N	***Lur Status:***	
COMM Desc:	NON COMMERCIAL	***LUR Filed:***	9/12/2014
Regulated Code:	N	***LUR Resc:***	
Reg Code Desc:	NON REGULATED	***LUR State:***	S
Notice Rg Rq Issd:		***GPS Conf:***	90
Notice Violtn Issd:		***RBCA GW:***	G1
Contamination:	SL	***RBCA GW Desc:***	Cleanups to 2L.0202 standards
Cleanup:	12/18/2013	***RBCA:***	S1
Conf Risk:	L	***RBCA Desc:***	Residential
Risk:	L	***CD No:***	582
Land Use:	RES	***Reel No:***	0
Land Use Desc:	Residential	***ERR CD:***	NO
Phase Reqrd:		***Valid:***	TRUE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:	0	**New Source:**	
MTBE 1:	N	**Book:**	
RP Company:		**Page:**	
HCS Ref:			
Comment:			

Site was closed based on NRP for the soil and there was no groundwater contamination. File pulled for archiving in 9/2015 **Note: Many records provided by the department have a truncated [Comment] field.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
13	2 of 3	S	0.24 / 1,284.45	16.52 / -11	Parmele Drive - 1414 1414 Parmele Drive Wilmington NC	LUST TRUST

Incident No:	32891
Facility ID:	
Site County:	New Hanover
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Details

Archive Submit No:	NA	**3rd Party Deduct:**	$0.00
CD No:	NA	**Sum 3rd Party Amts:**	$0.00
UST No:	WI-7822	**Deduct Determine:**	0
Priority Rank:		**Deductible Amount:**	$2,000.00
Priority Rank Desc:		**Deductible Reason1:**	
Site Eligible?:	Yes	**Deductible Reason2:**	
% Commercial Fund:	0.0	**Inel App:**	
Reimbursement Form:	Yes		

Site Note: Noncommercial; first apply a $1,000 deductible then reimburse 90% of subsequent approved costs until a maximum deductible of $2,000 is reached. Then reimburse at 100%. [CGS 6/16/14]

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
13	3 of 3	S	0.24 / 1,284.45	16.52 / -11	PARMELE DRIVE - 1414 1414 PARMELE DRIVE WILMINGTON NC	LUR

Prj No:	WI-7822	**Certification:**	None
Prj Status:	No Further Action	**Deed Bk:**	
Contam Src:	UST System	**Deed Pg:**	
Instrument Status:	Effective	**Plat Bk:**	
Instrument:	Notice and Restriction	**Plat Pg:**	
Rec Date:	9/11/2014	**Plat Link 1:**	
Plat Rec Date:		**Deed Link 1:**	Recorded Document Link
Deed Date:	Recorded 9-11-2014	**Prj County:**	New Hanover
Plat Date:		**X:**	2323902.2532006353
Restricted Media:	Soil Only	**Y:**	170093.0599424839
Allowed Use:	Media Restrictions Only		
COC:	Multi COC		
DWM Program:	Underground Storage Tank Section		
Deed:			
Plat:			
DWM Contact:	Wilmington Regional Office (910) 796-7215		
Deed Link:	https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7822%2A%22%7D		
Plat Link URL:			
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
14	1 of 2	WNW	0.25 / 1,301.49	43.70 / 16	WILMINGTON CONTRUCTION OFFICE 1321 S. TENTH ST WILMINGTON NC 28406	UST

Facility ID:	00-0-0000000894	**Fac City (Map):**	
No Reg Tanks:		**Fac Zip (Map):**	
No Non-Reg Tanks:		**X (Map):**	
Non-Reg/Com Tanks:		**Y (Map):**	
Fac Owner Type:		**Latitude (Map):**	
City (Report):	WILMINGTON	**Longitude (Map):**	
State (Report):	NC	**City (PST):**	
Zip (Report):	28406	**Latitude (PST):**	
County (Report):		**Longitude (PST):**	
Latitude (Report):	34.21959	**Contact City:**	FAYETTEVILLE
Longitude (Report):	-77.93395	**Contact State:**	NC
Fac Phone (Map) :		**Contact Zip:**	28302

Fac Name (Report): WILMINGTON CONTRUCTION OFFICE
Address1 (Report): 1321 S. TENTH ST
Address2 (Report):
Fac Name (Map):
Fac Address (Map):
Facility Name (PST):
Address (PST):
Contact: NORTH CAROLINA NATURAL GAS CORP.
Contact Address 1: 150 ROWAN STREET
Contact Address 2:
Data Source: North Carolina Environmental Quality - UST Databases and Reports
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Tank Info (UST Databases and Reports)

Tank ID:	2	**Regulated:**	1
Tank Status:	Removed	**Product:**	Diesel
Compartment Tank:	NO	**OvrfllProtection:**	Unknown
Manifold Tank:		**Leak Detection:**	
Main Tank:	NO	**Spill Protection:**	Unknown
Root Tank ID:		**Piping Constr:**	Single Wall Steel
Tank Cert No:		**Tank Constr:**	
Cert No:		**Piping System:**	Unknown
Installation Date:	1966/10/05 00:00:00	**FIPS County Desc:**	New Hanover
Perm Close Date:	1990/04/09 00:00:00	**FR Amt:**	
Capacity:	1000	**FR Desc:**	
Commercial:	1	**Last Update Date:**	3/21/1994 0:00:00
FR Bus Name:			
Other CP Tank:			
Other CP Name:			
Leak Detection Key:			
Overfill Protection Key:			
Piping Constr Key:			
Piping System Key:			
Product Key:			
Spill Protection Key:			
Tank Constr Key:			
Tank Status Key:	0		
Tank Constr Key Desc:			

Tank Info (UST Databases and Reports)

Tank ID:	1	**Regulated:**	1
Tank Status:	Removed	**Product:**	Gasoline, Gas Mix
Compartment Tank:	NO	**OvrfllProtection:**	Unknown
Manifold Tank:		**Leak Detection:**	
Main Tank:	NO	**Spill Protection:**	Unknown
Root Tank ID:		**Piping Constr:**	Single Wall Steel
Tank Cert No:		**Tank Constr:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Cert No:		**Piping System:**	Unknown
Installation Date:	1966/10/05 00:00:00	**FIPS County Desc:**	New Hanover
Perm Close Date:	1990/04/11 00:00:00	**FR Amt:**	
Capacity:	3000	**FR Desc:**	
Commercial:	1	**Last Update Date:**	3/21/1994 0:00:00
FR Bus Name:			
Other CP Tank:			
Other CP Name:			
Leak Detection Key:			
Overfill Protection Key:			
Piping Constr Key:			
Piping System Key:			
Product Key:			
Spill Protection Key:			
Tank Constr Key:			
Tank Status Key:	0		
Tank Constr Key Desc:			

Owner Information

Contact Key:	51347.00	**Phone:**	(910) 483-0315
Facility Key:	83388	**Affiliate Type:**	Owner
FIPS County Desc:	New Hanover	**End Date:**	

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14 | ***2 of 2*** | ***WNW*** | ***0.25 / 1,301.49*** | ***43.70 / 16*** | ***NC NATURAL GAS CORP.***
1321 S. 10TH ST.
WILMINGTON NC | ***LUST***

Incdnt No (DWM Map):		**Incident No:**	
Fac ID (DWM Map):		**Facility ID:**	
UST No (DWM Map):	WI-290	**UST No:**	WI-290
Curr Stat (DWM Map):	Current Record	**Current Status:**	C
Close Out(DWMMap):	1990/07/10 00:00:00+00	**Status Title:**	Current Record
Dt Occur (DWM Map):	1990/07/10 00:00:00+00	**Close Out:**	7/9/1990
Incident (DWM Map):	NC NATURAL GAS CORP.	**Date Occurred:**	7/9/1990
Address (DWM Map):	1321 S. 10TH ST.	**Contam Type:**	
County (DWM Map):	NEW H	**Cleanup:**	7/9/1990
City (DWM Map):	WILMINGTON	**County:**	NEW H
Zip Code (DWM Map):		**Latitude:**	0
Latitude (DWM Map):	0	**Longitude:**	0
Long (DWM Map):	0		
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		
Data Source:	Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB)		

UST Incidents

RO Code:	WIL	**Reg:**	R
CD No:	0	**Conf Risk:**	L
Date Reported:	1990/07/10 00:00:00+00	**RRA Date:**	
Land Use:		**RRA Risk:**	
LUR Filed:		**RRA Rank Curr:**	0
LUR Resc:		**RRA Abate:**	
LUR State:		**Risk:**	
X:	32888970.6354088	**RRA Rank:**	
Y:	-69513.2738360167	**MGR:**	MHH
Comm:	C		
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-290%2A%22%7D		
Object ID:	7415		

RUST Data

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

MGR:	MHH	**LUR Resc:**	
RO Code:	WIL	**LUR State:**	
Date Reported:	1990/07/10 00:00:00+00	**SL MGR:**	
Date Reported FY:	1990	**SL Cleanup Strt Dt:**	
Date Occured FY:	1990	**SL Cleanup End Dt:**	
Comm:	C	**SL Site Stat:**	
Reg:	R	**SL Ftfrecdte:**	
Perccomfndelig:		**CD NO:**	0
TOT Paid:		**RRA Date:**	
Conf Risk:	L	**RRA Risk:**	
Risk:		**RRA Rank Curr:**	0
Landuse:		**RRA Abate:**	
Inc Stat:	Closed	**RRA Rank:**	
Closeout FY:	1990	**X:**	32888970.6352937
LUR Filed:		**Y:**	-69513.2738257283

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-290%2A%22%7D

Comment: Site closed out on 7/9/1990 with no formal NFA letter, NFA memo to file on 3/19/18 - MHH **Note: Many records provided by the department have a truncated [Comment] field.

LUST Database

MGR:	MHH	**Contact:**	
Regional Office Cd:	WIL	**Telephone:**	
Date Reported:	7/9/1990	**RP Address:**	
Release Code:	0	**RP City:**	
Release Code Desc:		**RP State:**	
Source:		**RP Zip Code:**	
Source Desc:		**RP County:**	
Site Priority:		**RP Email:**	
Pollutant Type:		**RP Email1:**	
Pollutant Desc:		**RP Owner:**	FALSE
Petroleum Type:		**RP Operator:**	FALSE
Petrol Type Desc:		**RP Land Owner:**	FALSE
COMM:	C	**Lur Status:**	
COMM Desc:	COMMERCIAL	**LUR Filed:**	
Regulated Code:	R	**LUR Resc:**	
Reg Code Desc:	REGULATED	**LUR State:**	
Notice Rg Rq Issd:		**GPS Conf:**	99
Notice Violtn Issd:		**RBCA GW:**	
Contamination:		**RBCA GW Desc:**	
Cleanup:	7/9/1990	**RBCA:**	
Conf Risk:	L	**RBCA Desc:**	
Risk:		**CD No:**	0
Land Use:		**Reel No:**	0
Land Use Desc:		**ERR CD:**	
Phase Reqrd:		**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:		**New Source:**	
MTBE 1:	U	**Book:**	
RP Company:		**Page:**	
HCS Ref:			
Comment:			

Site closed out on 7/9/1990 with no formal NFA letter, NFA memo to file on 3/19/18 - MHH **Note: Many records provided by the department have a truncated [Comment] field.

15	***1 of 1***	***N***	***0.25 / 1,304.47***	***44.63 / 17***	***RODERICKS WRECKER SERVICE 1202 1/2 SOUTH 15TH STREET WILMINGTON NC 28401***	***UST***

Facility ID:	00-0-0000021506	**Fac City (Map):**	
No Reg Tanks:		**Fac Zip (Map):**	

No Non-Reg Tanks:		**X (Map):**	
Non-Reg/Com Tanks:		**Y (Map):**	
Fac Owner Type:		**Latitude (Map):**	
City (Report):	WILMINGTON	**Longitude (Map):**	
State (Report):	NC	**City (PST):**	
Zip (Report):	28401	**Latitude (PST):**	
County (Report):		**Longitude (PST):**	
Latitude (Report):	34.22146	**Contact City:**	WILMINGTON
Longitude (Report):	-77.92865	**Contact State:**	NC
Fac Phone (Map) :		**Contact Zip:**	28405-9541
Fac Name (Report):	RODERICKS WRECKER SERVICE		
Address1 (Report):	1202 1/2 SOUTH 15TH STREET		
Address2 (Report):			
Fac Name (Map):			
Fac Address (Map):			
Facility Name (PST):			
Address (PST):			
Contact:	MARION LEE . RODERICK		
Contact Address 1:	230 MIDDLE SOUND RD		
Contact Address 2:			
Data Source:	North Carolina Environmental Quality - UST Databases and Reports		
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		

Tank Info (UST Databases and Reports)

Tank ID:	1	**Regulated:**	1
Tank Status:	Removed	**Product:**	Gasoline, Gas Mix
Compartment Tank:	NO	**OvrfllProtection:**	Unknown
Manifold Tank:		**Leak Detection:**	
Main Tank:	NO	**Spill Protection:**	Unknown
Root Tank ID:		**Piping Constr:**	Single Wall Steel
Tank Cert No:		**Tank Constr:**	
Cert No:		**Piping System:**	Unknown
Installation Date:	1977/09/26 00:00:00	**FIPS County Desc:**	New Hanover
Perm Close Date:	1988/12/21 00:00:00	**FR Amt:**	
Capacity:	450	**FR Desc:**	
Commercial:	1	**Last Update Date:**	6/3/1999 0:00:00
FR Bus Name:			
Other CP Tank:			
Other CP Name:			
Leak Detection Key:			
Overfill Protection Key:			
Piping Constr Key:			
Piping System Key:			
Product Key:			
Spill Protection Key:			
Tank Constr Key:			
Tank Status Key:	0		
Tank Constr Key Desc:			

Tank Info (UST Databases and Reports)

Tank ID:	2	**Regulated:**	1
Tank Status:	Removed	**Product:**	Gasoline, Gas Mix
Compartment Tank:	NO	**OvrfllProtection:**	Unknown
Manifold Tank:		**Leak Detection:**	
Main Tank:	NO	**Spill Protection:**	Unknown
Root Tank ID:		**Piping Constr:**	Single Wall Steel
Tank Cert No:		**Tank Constr:**	
Cert No:		**Piping System:**	Unknown
Installation Date:	1977/09/26 00:00:00	**FIPS County Desc:**	New Hanover
Perm Close Date:	1988/12/21 00:00:00	**FR Amt:**	
Capacity:	450	**FR Desc:**	
Commercial:	1	**Last Update Date:**	6/3/1999 0:00:00
FR Bus Name:			
Other CP Tank:			

Other CP Name:
Leak Detection Key:
Overfill Protection Key:
Piping Constr Key:
Piping System Key:
Product Key:
Spill Protection Key:
Tank Constr Key:
Tank Status Key: 0
Tank Constr Key Desc:

Owner Information

Contact Key: 44625.00
Facility Key: 101643
FIPS County Desc: New Hanover
Phone: (919) 763-6326
Affiliate Type: Owner
End Date:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
16	1 of 1	NNW	0.26 / 1,375.75	44.27 / 16	AZTEC MASONRY 1212 MARSTELLAR STREET WILMINGTON NC 28401	LUST

Incdnt No (DWM Map):
Fac ID (DWM Map):
UST No (DWM Map): WI-7930
Curr Stat (DWM Map): Archived
Close Out(DWMMap): 2015/08/22 00:00:00+00
Dt Occur (DWM Map):
Incident (DWM Map): AZTEC MASONRY
Address (DWM Map): 1212 MARSTELLAR STREET
County (DWM Map): NEW H
City (DWM Map): WILMINGTON
Zip Code (DWM Map): 28401
Latitude (DWM Map): 34.221226
Long (DWM Map): -77.931819
Incident No:
Facility ID:
UST No: WI-7930
Current Status: A
Status Title: Archived
Close Out: 8/21/2015
Date Occurred:
Contam Type: None
Cleanup:
County: NEW H
Latitude: 34.221226
Longitude: -77.931819
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx
Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB)

UST Incidents

RO Code: WIL
CD No: 618
Date Reported:
Land Use: RES
LUR Filed:
LUR Resc:
LUR State:
X: 2322928.08979464
Y: 173242.222607389
Comm: N
Reg: N
Conf Risk: L
RRA Date:
RRA Risk:
RRA Rank Curr: 0
RRA Abate:
Risk:
RRA Rank:
MGR: WER
Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7930%2A%22%7D
Object ID: 2407

RUST Data

MGR: WER
RO Code: WIL
Date Reported:
Date Reported FY:
Date Occured FY:
Comm: N
Reg: N
LUR Resc:
LUR State:
SL MGR:
SL Cleanup Strt Dt:
SL Cleanup End Dt:
SL Site Stat:
SL Ftfrecdte:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Perccomfndelig:		**CD NO:**	618
TOT Paid:		**RRA Date:**	
Conf Risk:	L	**RRA Risk:**	
Risk:		**RRA Rank Curr:**	0
Landuse:	RES	**RRA Abate:**	
Inc Stat:	Closed	**RRA Rank:**	
Closeout FY:	2015	**X:**	2322928.08965137
LUR Filed:		**Y:**	173242.222641899

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7930%2A%22%7D

Comment: pulled for archive 3.16.2016 /// **Note: Many records provided by the department have a truncated [Comment] field.

LUST Database

MGR:	WER	**Contact:**	
Regional Office Cd:	WIL	**Telephone:**	8189079190
Date Reported:		**RP Address:**	4419 VAN NUYS BLVD, SUITE 203
Release Code:	0	**RP City:**	SHERMAN OAKS
Release Code Desc:		**RP State:**	CA
Source:	3	**RP Zip Code:**	91403
Source Desc:	LEAK, UST	**RP County:**	
Site Priority:		**RP Email:**	
Pollutant Type:	5	**RP Email1:**	
Pollutant Desc:	OTHER PETROLEUM PROD.	**RP Owner:**	TRUE
Petroleum Type:	P	**RP Operator:**	FALSE
Petrol Type Desc:	PETROLEUM	**RP Land Owner:**	FALSE
COMM:	N	**Lur Status:**	
COMM Desc:	NON COMMERCIAL	**LUR Filed:**	
Regulated Code:	N	**LUR Resc:**	
Reg Code Desc:	NON REGULATED	**LUR State:**	
Notice Rg Rq Issd:		**GPS Conf:**	
Notice Violtn Issd:		**RBCA GW:**	
Contamination:	NO	**RBCA GW Desc:**	
Cleanup:		**RBCA:**	
Conf Risk:	L	**RBCA Desc:**	
Risk:		**CD No:**	618
Land Use:	RES	**Reel No:**	0
Land Use Desc:	Residential	**ERR CD:**	NO
Phase Reqrd:		**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:	0	**New Source:**	
MTBE 1:	U	**Book:**	
RP Company:	LSCG FUND 19, LLC	**Page:**	
HCS Ref:			
Comment:			

pulled for archive 3.16.2016 /// **Note: Many records provided by the department have a truncated [Comment] field.

17	*1 of 2*	*SE*	*0.28 / 1,463.56*	*20.97 / -7*	***HUTCHINS PROPERTY (ROBERT)*** ***1915 SOUTH 16TH STREET*** ***WILMINGTON NC 28401***	***LUST***

Incdnt No (DWM Map):	32339	**Incident No:**	32339
Fac ID (DWM Map):		**Facility ID:**	
UST No (DWM Map):	WI-7209	**UST No:**	WI-7209
Curr Stat (DWM Map):	Archived	**Current Status:**	A
Close Out(DWMMap):	2006/10/05 00:00:00+00	**Status Title:**	Archived
Dt Occur (DWM Map):	2006/06/19 00:00:00+00	**Close Out:**	10/4/2006
Incident (DWM Map):	HUTCHINS PROPERTY (ROBERT)	**Date Occurred:**	6/18/2006
Address (DWM Map):	1915 SOUTH 16TH STREET	**Contam Type:**	Soil
County (DWM Map):	NEW H	**Cleanup:**	5/18/2006
City (DWM Map):	WILMINGTON	**County:**	NEW H

Zip Code (DWM Map):	28401	**Latitude:**	34.212302
Latitude (DWM Map):	34.212302	**Longitude:**	-77.92573
Long (DWM Map):	-77.92573		
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		
Data Source:	Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (STATUS)		

Incident Details

Release Code:	2	**Samples Include:**	
Release Cause:		**7.5 Min Quad:**	
Release Source:		**5 Min Quad:**	
Type:	4	**Submitted Date:**	18-May-2006 00:00:00
Location:	7	**I Ownership:**	4
Site Priority:		**Owner Operator:**	
Priority Update:		**Ownership:**	4
Source Type:	P	**Ownership Desc:**	Private
ERR Type:		**Operation Type:**	3
Wells Affected Y/N:	N	**Operation Desc:**	Residential
Wells Affected:		**PIRF Min Soil:**	
Samples Taken By:	Y		
Description of Incident:	NFA		

Incident Report

Report Type:	20DAY	**Approved Date:**	03-Aug-2006 00:00:00
Request Date:		**Implement Date:**	
Received Date:	25-Jul-2006 00:00:00	**Due Date:**	
Reviewed Date:	03-Aug-2006 00:00:00		
PRT ID:	1083171		
Report Type Description:	20 Day Report		
Comment:			

Heating oil UST removed. All contaminated soil removed during closure. NFA **Note: Many records provided by the department have a truncated [Comment] field.

Incident Status

Last Modified:	04-Oct-2006 00:00:00	**Public Meeting Held:**	
Incident Phase:	CO	**Corrective Act Plan:**	
Incid Phase Desc:	Close Out	**SOC Signed:**	
NOV Issued:		**Reclassification Rep:**	
NORR Issued:		**RS Designation:**	
45 Day Report:		**Closure Req Date:**	

UST Incidents

RO Code:	WIL	**Reg:**	N
CD No:	429	**Conf Risk:**	L
Date Reported:	2006/06/09 00:00:00+00	**RRA Date:**	
Land Use:	RES	**RRA Risk:**	
LUR Filed:		**RRA Rank Curr:**	0
LUR Resc:		**RRA Abate:**	
LUR State:		**Risk:**	L
X:	2324803.96104288	**RRA Rank:**	
Y:	170014.448223054	**MGR:**	JDP
Comm:	N		
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7209%2A%22%7D		
Object ID:	33209		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

RUST Data

MGR:	JDP	***LUR Resc:***	
RO Code:	WIL	***LUR State:***	
Date Reported:	2006/06/09 00:00:00+00	***SL MGR:***	
Date Reported FY:	2006	***SL Cleanup Strt Dt:***	
Date Occured FY:	2006	***SL Cleanup End Dt:***	
Comm:	N	***SL Site Stat:***	
Reg:	N	***SL Ftfrecdte:***	
Perccomfndelig:	0	***CD NO:***	429
TOT Paid:	7428.74	***RRA Date:***	
Conf Risk:	L	***RRA Risk:***	
Risk:	L	***RRA Rank Curr:***	0
Landuse:	RES	***RRA Abate:***	
Inc Stat:	Closed	***RRA Rank:***	
Closeout FY:	2007	***X:***	2324803.96111674
LUR Filed:		***Y:***	170014.448290851

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7209%2A%22%7D

Comment: heating oil UST removed. Filed pulled for archiving - sak **Note: Many records provided by the department have a truncated [Comment] field.

LUST Database

MGR:	JDP	***Contact:***	ROBERT HUCHINS
Regional Office Cd:	WIL	***Telephone:***	9107636060
Date Reported:	6/8/2006	***RP Address:***	2015 S. LIVE OAK PARKWAY
Release Code:	0	***RP City:***	WILMINGTON
Release Code Desc:		***RP State:***	NC
Source:	3	***RP Zip Code:***	28403
Source Desc:	LEAK, UST	***RP County:***	
Site Priority:		***RP Email:***	
Pollutant Type:	4	***RP Email1:***	
Pollutant Desc:	HEATING OIL	***RP Owner:***	TRUE
Petroleum Type:	P	***RP Operator:***	TRUE
Petrol Type Desc:	PETROLEUM	***RP Land Owner:***	TRUE
COMM:	N	***Lur Status:***	
COMM Desc:	NON COMMERCIAL	***LUR Filed:***	
Regulated Code:	N	***LUR Resc:***	
Reg Code Desc:	NON REGULATED	***LUR State:***	
Notice Rg Rq Issd:		***GPS Conf:***	90
Notice Violtn Issd:		***RBCA GW:***	
Contamination:	SL	***RBCA GW Desc:***	
Cleanup:	5/18/2006	***RBCA:***	
Conf Risk:	L	***RBCA Desc:***	
Risk:	L	***CD No:***	429
Land Use:	RES	***Reel No:***	0
Land Use Desc:	Residential	***ERR CD:***	NO
Phase Reqrd:		***Valid:***	FALSE
Intrmdt Cndition:		***Cat Code:***	
Corr Act Plan Cd:		***HCS Res:***	
CAP Desc:		***Reliability:***	
Clos Reqsd:		***Supply Well:***	0
MTBE:	0	***New Source:***	
MTBE 1:	N	***Book:***	
RP Company:		***Page:***	
HCS Ref:	RP Supplied		
Comment:			

heating oil UST removed. Filed pulled for archiving - sak **Note: Many records provided by the department have a truncated [Comment] field.

17	*2 of 2*	*SE*	*0.28 / 1,463.56*	*20.97 / -7*	***Hutchins Property (Robert)*** ***1915 South 16th Street*** ***Wilmington NC***	***LUST TRUST***

Incident No: 32339

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Facility ID:
Site County: New Hanover
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Details

Archive Submit No:	4209.0155	**3rd Party Deduct:**	$0.00
CD No:	STF 42	**Sum 3rd Party Amts:**	$0.00
UST No:	WI-7209	**Deduct Determine:**	0
Priority Rank:		**Deductible Amount:**	$0.00
Priority Rank Desc:		**Deductible Reason1:**	
Site Eligible?:	Yes	**Deductible Reason2:**	
% Commercial Fund:	0.0	**Inel App:**	
Reimbursement Form:	No		

Site Note: Noncommercial; 100% eligible; $0 deductible.[CGS 06/25/07]

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
18	1 of 1	WNW	0.28 / 1,475.12	42.95 / 15	Good Shepherd Ministries Property Between 8th and 9th Streets along Martin Street Wilmington NC 28401	FED BROWNFIELDS

Property ID:	14648	**BF Property (Map):**	14648
Lat Measure:	34.25005	**Latitude (Map):**	34.25005
Long Measure:	-77.941029	**Longitude (Map):**	-77.941029

Property Name: Good Shepherd Ministries Property
Address: Between 8th and 9th Streets along Martin Street
City: Wilmington
State Code: NC
Zip Code: 28401
Primary Name (Map): GOOD SHEPHERD MINISTRIES PROPERTY
Location Address (Map): BETWEEN 8TH AND 9TH STREETS ALONG MARTIN STREET
City Name (Map): WILMINGTON
County Name (Map): NEW HANOVER
State Code (Map): NC
Postal Code (Map): 28401

Brownfields Details

Registry I:	110039551026	**EPA ID:**	
EPA Region:	04	**BF RLF Gra:**	
Cat No:	03030007	**BF RLF Pil:**	
RCRA Handl:		**BF Assess :**	Y
RCRA Curre:		**BF Cleanup:**	
RCRA Remed:		**BF Tba Ind:**	
RCRA Const:		**BF 128a In:**	
RCRA El He:		**BF IC Code:**	U
RCRA El Gm:		**BF IC Gc I:**	U
RCRA Rem 1:		**BF IC Ep I:**	U
RCRA Ec Gw:		**BF IC ID I:**	U
RCRA Ec Ng:		**BF IC Pr I:**	U
RCRA IC Ep:		**FF Brac In:**	
RCRA IC Gc:		**BF RLF Ind:**	
RCRA IC ID:		**BF Assess1:**	
RCRA IC Pr:		**BF Multipu:**	
FF RCRA In:		**BF Awp Ind:**	
RCRA Trans:		**BF Showcas:**	
RCRA Tra 1:		**BF 128a P :**	
RCRA Ec Co:		**LUST Relea:**	
RCRA IC Co:		**LUST Award:**	
RCRA Gpra :		**LUST State:**	
RCRA Rem 2:		**Congressio:**	NC-07
RCRA Dru 1:		**FD Agency :**	
SF Site ID:		**FD Listing:**	

SF Ec Ind:		**FD Non NPL:**	
SF El Gm C:		**FD RCRA Ha:**	
SF El He C:		**FD RCRA Ca:**	
SF IC Ind:		**FD SF NPL :**	
SF NPL Cod:		**FD FF Ind:**	
SF NPL C 1:		**FD Ej Code:**	
SF Admin F:		**FD Brac In:**	
FF And Sit:		**FD Federal:**	
FF SF Ind:		**FD Hrs Sco:**	
Map Symbol:	B	**FD Ongoing:**	
Data Refre:	29-Jul-2022	**FD NPL Sta:**	
GIS Refres:		**FD Non N 1:**	
New Site:		**FD RCRA Gw:**	
Repow Ref :	https://cimc.epa.gov/ords/cimc/f?p=CIMC:REPOWER:::::P33_REF:21951	**FD RCRA He:**	
EPAOSC Sit:		**FD GMS Sur:**	
EPAOSC Res:		**FD Hes Sur:**	
EPAOSC R 1:		**FD SF Site:**	
EPAOSC Sta:		**FD Brac Ro:**	
EPAOSC Inc:		**Stimulus S:**	
Desc :		**Stimulus B:**	

Ind Name:
Cat Name: Northeast Cape Fear
Sub Name: Northeast Cape Fear
Primary Name: GOOD SHEPHERD MINISTRIES PROPERTY
RCRA Drupa:
Url: https://obipublic11.epa.gov/analytics/saw.dll?PortalPages&Action=Navigate&col1=ACRES_GRANT_EXPORT.PROPERTY_ID&val1=%2214648.0%22&PortalPath=/shared/CIMC/_portal/CIMC&Page=Profile+Page
Census Url: https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=census2010sf1&coords=-77.941029%2C34.25005&feattype=point&radius=1.0
ACS Url: https://ejscreen.epa.gov/mapper/demogreportpdf.aspx?report=acs2017&coords=-77.941029%2C34.25005&feattype=point&radius=1.0

SF Site Na:		**UST Status:**	
SF Non Npl:		**UST Substa:**	
SF Non N 1:		**UST Landus:**	
SF Non N 3:		**UST SPA Wa:**	
ERR Lat Lo:		**UST SPA Fa:**	
REPOW BF:	SG	**UST WHPA W:**	
REPOW SF:		**UST WHPA F:**	
REPOW RCRA:		**UST Open:**	
REPOW Ref1:	21951	**UST Closed:**	
RCRA Han 1:		**LUST ID:**	
RCRA Rau I:		**Saa Site:**	

BF Propert: 14648-
REPOW Re 1: RE-Powering Site Profile
BF Prope 1: Good Shepherd Ministries Property
SF Non N 2:

Cleanups In My Community (CIMC)

Grant ID:	63987003	**ASMT Cntrl Sub :**	
Grant Type:	Assessment	**Cleanup Cntrl Sub :**	
EPA Region:	04	**ASMT Asbestos :**	
Ownership Entity:		**Cleanup Asbestos :**	
Latitude Measure:	34.25005	**ASMT Pcbs :**	
Longitude Measure:	-77.941029	**Cleanup Pcbs :**	
Flag Cleanup Reqd:	N	**ASMT Vocs :**	
Flag IC Required:		**Cleanup Vocs :**	
Stcntrbg:		**ASMT Lead :**	
Property Size:	1.24	**Cleanup Lead :**	
Flag IC in Place:	U	**ASMT Oth Metal :**	
IC in Place Date:		**Cleanup Oth Metal :**	
Prop Cntrl :		**ASMT Pahs :**	
Gov Cntrl :		**Cleanup Pahs :**	
Permit Tools :		**ASMT Oth Cont:**	
Info DevlCes :		**Cleanup Oth Cont:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Prop Fnding Type Cd:		**ASMT Air :**	
Ownshp Changed :		**Cleanup Air :**	
Sfllp Factor :		**ASMT Drk Wat:**	
Source Mapscale No:		**Cleanup Drk Wat:**	
Past Cml Acres:		**ASMT Grd Water:**	
Future Cml Acres:		**Cleanup Grd Water:**	
Past Grnspc Acres:		**ASMT Sediments :**	
Future Grnspc Acres:		**Cleanup Sediments :**	
Past Acres:		**ASMT Soil :**	
Future Acres:		**Cleanup Soil :**	
Past Res Acres:		**ASMT Srf Water :**	
Future Res Acres:		**Cleanup Srf Water :**	
St Enrollment Dt:		**Other Media :**	
St Enrollment ID:		**Unknown Media :**	
St NFA Dt:		**Ready For Reuse :**	N
Assess Petrol Prod :		**Assess Amount:**	
Cleanup Petrol Prod :		**Assess Fnd Ent Nm:**	
Assess Start Dt:	09/30/2001	**Photo Available :**	
Assess Cmpltn Dt:	09/30/2001	**Video Available :**	
Cleanup Start Dt:		**Cleanup Acres:**	
Cleanup Cmpltn Dt:		**Cleanup Amount:**	
Redev Start Dt:		**Redev Acres:**	
Redev Cleanup Jobs:		**Redev Amount:**	
Grant Recipient Nm:	Wilmington, City of		
PropertyNm:	Good Shepherd Ministries Property		
Address:	Between 8th and 9th Streets along Martin Street		
City:	Wilmington		
State Code:	NC		
Zip Code:	28401		
Local Parcel No:			
Current Owner:			
IC Data Address:			
Horizontal Collection Method:			
Reference Point:			
Horizontal Reference Datum:			
Other Description:			
Other Desc Cleaned Up:			
Assess Type:	Phase I Environmental Assessment		
Assess Fund Entity:			
Cleanup Funding EntityNm:			
Cleanup Fund Entity:			
Redev Funding Entity Nm:			
Desc Hist:			

Accmplisht Cnt Flag:	N	**Vacant Housing:**	142
Coop Agreement No:	98480199	**Vacant Housing Pct:**	16.44
Past Mltistry Acres:		**Total Unemployed:**	201
Ftr Multistory Acres:		**Unemployed Pct:**	12.26
Assess Cadmium :		**Radius:**	.5
Clnup Cadmium :		**Actvy Funded:**	
Assess Chromium :		**Redev Lvrgd Srcs:**	
Clnup Chromium :		**AA Amt Funding:**	
Assess Copper :		**Flag Clnup Trmt Tech:**	
Clnup Copper :		**Excavation Disposal:**	
Assess Iron :		**Extrctn of Cntmnts:**	
Clnup Iron :		**Removal of Mats:**	
Assess Nickel :		**Rdctn of Cntmnts:**	
Clnup Nickel :		**Clnup of Structures:**	
Assess Selenium :		**Env EC Required:**	
Clnup Selenium :		**Flag EC Cover Tech:**	
Assess Mercury :		**Flag EC Security:**	
Clnup Mercury :		**Flag EC Immblztn:**	
Assess ArsenIC :		**Flag EC Eng Barriers:**	
Clnup ArsenIC :		**Flag EC Other:**	
Assess Bldg Mats :		**Env IC in Place:**	U
Clnup Bldg Mats :		**Env EC in Place:**	
Assess oorair :		**Env Clnup Jobs:**	
Clnup oorair :		**Sect 128 A State Trbl:**	
Assess None :		**Multipurpose:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Clnup None :		**Clnup Cst Shr Amt:**	
Assess Pesticides :		**RLF Loan Amount:**	
Clnup Pesticides :		**RLF Ln Cst Shr Amt:**	
Assess Unknown :		**Pro Income Amt:**	
Clnup Unknown :		**Dt RLF Loan Signed:**	
Assess Svocs :		**Repayment Period:**	
Clnup Svocs :		**Interest Rate:**	
Clnup Unkn Media :		**RLF Subgrant Amt:**	
Redev Cmpltn Date:		**Cost Share Amt:**	
Pro Code:	BP	**Env Pro Income Amt:**	
FCA Fy:		**Dt RLF Sbgrnt Signd:**	
Flag EC in Place:		**Clnup Actvy Funded:**	
Flag EC Required:		**Below Poverty:**	793
RFR Notation:		**Below Poverty Pct:**	48.35
Gpa Type ID:	1	**Median Income:**	3434
Clnup Doc:	N	**Low Income:**	1176
Awp Catalyst Yn:		**Low Income Pct:**	71.71
Flag Prop Not Enrld:			
Redev Fund Entity:			
Gpa Type Desc:	Phase I Environmental Assessment		
AA Actvy Funded:			
AA Source of Funding:			
Clnup Trmt Tech Info:			
EC Data Address:			
EC Addl Info:			
Env IC Data Address:			
Other Forms of Doc:			
IC Addl Info:			
Highlights:			
Property Alias:			
Ctmnt Found:			
Ctmnt Cleanedup:			
Ctmnt Rec:			
Media Afffected:			

19	1 of 1	SSW	0.32 / 1,706.03	8.99 / -19	East Lake Shore Drive LF East Lake Shore Drive Wilmington NC	OLD LF

EPA ID:	NONCD0000757	**Source:**	
Site County:	New Hanover	**Geoloc Cod:**	12
Status:	Activity Pending	**X:**	-77.93092740375879
Contact:	PRLF Unit Supervisor	**Y:**	34.211690479469226
Phone:	919-707-8333	**Latitude:**	34.21169724
Email:	ryan.channell@ncdenr.gov	**Longitude:**	-77.93092972
NFA with Restrictn:	FALSE		
Doc Link:	https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand={[WM]:[Program_ID]=%22*NONCD0000757*%22}		
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		

20	1 of 1	NW	0.32 / 1,710.11	58.04 / 30	CARO-KNIT 23RD STREET WILMINGTON NC 28405	SEMS

EPA ID:	NCD986171965	**Pgm Sys ID:**	NCD986171965
Primary Name(MAP):	CARO-KNIT	**Loc Address(MAP):**	23RD STREET
City Name:	WILMINGTON	**Postal Code:**	28405
Site Name:	CARO-KNIT	**County Name:**	NEW HANOVER
Street Address:	23RD STREET	**Latitude83:**	34.221667
Street Address 2:		**Longitude83:**	-77.93333299999999
City:	WILMINGTON	**PGM SYS ID(CalOES):**	NCD986171965
State:	NC	**Name(CalOES):**	CARO-KNIT
Zip:	28405	**Loc Addr(CalOES):**	23RD STREET
County:	NEW HANOVER	**City(CalOES):**	WILMINGTON

Latitude:	34.221667	**Postal(CalOES):**	28405
Longitude:	-77.933333	**County(CalOES):**	NEW HANOVER
Latitude83(CalOES):	34.221667	**Longitude83(CalOES):**	-77.933333

Data Source: EPA Superfund Data and Reports Active Site Inventory (List 8R Active);EPA FRS Interests Map - SEMS;CalOES EPA RCRA TSDF Map - SEMS

Site Level Information

Site ID:	0405383	**Superfund Alt Agmt:**	No
NPL:	Not on the NPL	**FIPS Code:**	37129
Federal Facility:	No	**Cong District:**	07
FF Docket:	No	**Region:**	04

Non NPL Status: Other Cleanup Activity: State-Lead Cleanup

Action Information

Operable Units:	00	**Start Actual:**	
Action Code:	SI	**Finish Actual:**	03/19/1992
Action Name:	SI	**Qual:**	L
SEQ:	1	**Curr Action Lead:**	St Perf
Operable Units:	00	**Start Actual:**	12/12/1989
Action Code:	DS	**Finish Actual:**	12/12/1989
Action Name:	DISCVRY	**Qual:**	
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	09/28/1990
Action Code:	PA	**Finish Actual:**	09/28/1990
Action Name:	PA	**Qual:**	H
SEQ:	1	**Curr Action Lead:**	EPA Perf
Operable Units:	00	**Start Actual:**	10/25/1999
Action Code:	VA	**Finish Actual:**	
Action Name:	OTHR CLEANUP	**Qual:**	
SEQ:	1	**Curr Action Lead:**	St Perf

REST Information

Registry ID:	110001480264	**Pgm Sys Acrnm:**	SEMS
Active Status:	NOT ON THE NPL	**Accuracy Value:**	
Key Field:	SEMSNCD986171965	**HUC8 Code:**	03030005
Interest Type:	SUPERFUND (NON-NPL)	**HUC 12:**	
Fed Agency Name:		**Federal Land Ind:**	
Fed Facility Code:		**Public Ind:**	Y
EPA Region Code:	04	**Pgm Report:**	no data yet

Collect Mth Desc:
Ref Point Desc:
Fac Url: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110001480264
Program Url:
Pgm Report Url: no data yet
Fips Code: 37129

CalOES EPA RCRA TSDF - SEMS

Registry ID:	110001480264	**HUC 12:**	
Interest Ttpe:	SUPERFUND (NON-NPL)	**Collect Method:**	
Active Status:	NOT ON THE NPL	**Accuracy Value:**	
Pgm Sys Acrnm:	SEMS	**Ref Point Desc:**	
Federal Ag:		**EPA Region:**	04
Federal La:		**Key Field:**	SEMSNCD986171965
Fed Facility Cd:		**Create Dt:**	2021/10/26 00:00:00+00
Public Ind:	Y	**Update Dt:**	2021/11/24 13:48:53+00
FIPS Code:	37129	**Last Reported Dt:**	
HUC8 Code:	03030005		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Pgm Report: no data yet
Program Url:
Fac Url: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110001480264

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
21	1 of 1	WNW	0.33 / 1,730.40	47.89 / 20	CARROLL FULMER GROUP, INC. 1201 SOUTH 10TH ST. WILMINGTON NC	LUST

Incdnt No (DWM Map):
Incident No:
Fac ID (DWM Map):
Facility ID:
UST No (DWM Map): WI-56
UST No: WI-56
Curr Stat (DWM Map): Archived
Current Status: A
Close Out(DWMMap): 1993/11/16 00:00:00+00
Status Title: Archived
Dt Occur (DWM Map): 1993/11/16 00:00:00+00
Close Out: 11/15/1993
Incident (DWM Map): CARROLL FULMER GROUP, INC.
Date Occurred: 11/15/1993
Address (DWM Map): 1201 SOUTH 10TH ST.
Contam Type:
County (DWM Map): NEW H
Cleanup: 11/15/1993
City (DWM Map): WILMINGTON
County: NEW H
Zip Code (DWM Map):
Latitude: 0
Latitude (DWM Map): 0
Longitude: 0
Long (DWM Map): 0
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx
Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB)

UST Incidents

RO Code: WIL
Reg: R
CD No: 462
Conf Risk: L
Date Reported: 1993/11/16 00:00:00+00
RRA Date:
Land Use:
RRA Risk:
LUR Filed:
RRA Rank Curr: 0
LUR Resc:
RRA Abate:
LUR State:
Risk:
X: 32888970.6354088
RRA Rank:
Y: -69513.2738360167
MGR: NPM
Comm: C
Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-56%2A%22%7D
Object ID: 7064

RUST Data

MGR: NPM
LUR Resc:
RO Code: WIL
LUR State:
Date Reported: 1993/11/16 00:00:00+00
SL MGR:
Date Reported FY: 1994
SL Cleanup Strt Dt:
Date Occured FY: 1994
SL Cleanup End Dt:
Comm: C
SL Site Stat:
Reg: R
SL Ftfrecdte:
Perccomfndelig:
CD NO: 462
TOT Paid:
RRA Date:
Conf Risk: L
RRA Risk:
Risk:
RRA Rank Curr: 0
Landuse:
RRA Abate:
Inc Stat: Closed
RRA Rank:
Closeout FY: 1994
X: 32888970.6352937
LUR Filed:
Y: -69513.2738257283
Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-56%2A%22%7D
Comment: NFA. File pulled for archiving on 9/13/2011 by LEB.

LUST Database

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

MGR:	NPM	**Contact:**	
Regional Office Cd:	WIL	**Telephone:**	
Date Reported:	11/15/1993	**RP Address:**	
Release Code:	0	**RP City:**	
Release Code Desc:		**RP State:**	
Source:		**RP Zip Code:**	
Source Desc:		**RP County:**	
Site Priority:		**RP Email:**	
Pollutant Type:		**RP Email1:**	
Pollutant Desc:		**RP Owner:**	FALSE
Petroleum Type:		**RP Operator:**	FALSE
Petrol Type Desc:		**RP Land Owner:**	FALSE
COMM:	C	**Lur Status:**	
COMM Desc:	COMMERCIAL	**LUR Filed:**	
Regulated Code:	R	**LUR Resc:**	
Reg Code Desc:	REGULATED	**LUR State:**	
Notice Rg Rq Issd:		**GPS Conf:**	99
Notice Violtn Issd:		**RBCA GW:**	
Contamination:		**RBCA GW Desc:**	
Cleanup:	11/15/1993	**RBCA:**	
Conf Risk:	L	**RBCA Desc:**	
Risk:		**CD No:**	462
Land Use:		**Reel No:**	56
Land Use Desc:		**ERR CD:**	
Phase Reqrd:		**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:		**New Source:**	
MTBE 1:	U	**Book:**	
RP Company:		**Page:**	
HCS Ref:			
Comment:			

NFA. File pulled for archiving on 9/13/2011 by LEB.

22	*1 of 1*	*NNE*	*0.34 / 1,808.01*	*43.09 / 15*	***COLEMAN COMPLEX (WILMIGNTON TRAFFIC DEPT.) 1111 SOUTH 16TH STREET WILMINGTON NC 28402***	***LUST***

Incdnt No (DWM Map):		**Incident No:**	
Fac ID (DWM Map):	00-0-0000028871	**Facility ID:**	00-0-0000028871
UST No (DWM Map):	WI-7313	**UST No:**	WI-7313
Curr Stat (DWM Map):	Archived	**Current Status:**	A
Close Out(DWMMap):	2007/12/11 00:00:00+00	**Status Title:**	Archived
Dt Occur (DWM Map):	2007/12/11 00:00:00+00	**Close Out:**	12/10/2007
Incident (DWM Map):	COLEMAN COMPLEX (WILMIGNTON TRAFFIC DEPT.)	**Date Occurred:**	12/10/2007
Address (DWM Map):	1111 SOUTH 16TH STREET	**Contam Type:**	None
County (DWM Map):	NEW H	**Cleanup:**	12/10/2007
City (DWM Map):	WILMINGTON	**County:**	NEW H
Zip Code (DWM Map):	28402	**Latitude:**	34.2225
Latitude (DWM Map):	34.2225	**Longitude:**	-77.9261
Long (DWM Map):	-77.9261		
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		
Data Source:	Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB)		

UST Incidents

RO Code:	WIL	**Reg:**	R

CD No:	462	**Conf Risk:**	L
Date Reported:	2007/12/11 00:00:00+00	**RRA Date:**	
Land Use:		**RRA Risk:**	
LUR Filed:		**RRA Rank Curr:**	0
LUR Resc:		**RRA Abate:**	
LUR State:		**Risk:**	
X:	2324651.94691122	**RRA Rank:**	
Y:	173724.512325227	**MGR:**	JDP
Comm:	C		

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7313%2A%22%7D

Object ID: 7194

RUST Data

MGR:	JDP	**LUR Resc:**	
RO Code:	WIL	**LUR State:**	
Date Reported:	2007/12/11 00:00:00+00	**SL MGR:**	
Date Reported FY:	2008	**SL Cleanup Strt Dt:**	
Date Occured FY:	2008	**SL Cleanup End Dt:**	
Comm:	C	**SL Site Stat:**	
Reg:	R	**SL Ftfrecdte:**	
Perccomfndelig:		**CD NO:**	462
TOT Paid:		**RRA Date:**	
Conf Risk:	L	**RRA Risk:**	
Risk:		**RRA Rank Curr:**	0
Landuse:		**RRA Abate:**	
Inc Stat:	Closed	**RRA Rank:**	
Closeout FY:	2008	**X:**	2324651.94689176
LUR Filed:		**Y:**	173724.512483792

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7313%2A%22%7D

Comment: Two 10,000 gallon USTs removed. NFA sent 12-10-2007. File pulled for archiving on 9/13/2011 by LEB.

LUST Database

MGR:	JDP	**Contact:**	
Regional Office Cd:	WIL	**Telephone:**	
Date Reported:	12/10/2007	**RP Address:**	
Release Code:	0	**RP City:**	
Release Code Desc:		**RP State:**	NC
Source:		**RP Zip Code:**	
Source Desc:		**RP County:**	
Site Priority:		**RP Email:**	
Pollutant Type:	3	**RP Email1:**	
Pollutant Desc:	GASOLINE/DIESEL/KEROSENE	**RP Owner:**	FALSE
Petroleum Type:	P	**RP Operator:**	FALSE
Petrol Type Desc:	PETROLEUM	**RP Land Owner:**	FALSE
COMM:	C	**Lur Status:**	
COMM Desc:	COMMERCIAL	**LUR Filed:**	
Regulated Code:	R	**LUR Resc:**	
Reg Code Desc:	REGULATED	**LUR State:**	
Notice Rg Rq Issd:		**GPS Conf:**	90
Notice Violtn Issd:		**RBCA GW:**	
Contamination:	NO	**RBCA GW Desc:**	
Cleanup:	12/10/2007	**RBCA:**	
Conf Risk:	L	**RBCA Desc:**	
Risk:		**CD No:**	462
Land Use:		**Reel No:**	7313
Land Use Desc:		**ERR CD:**	NO
Phase Reqrd:		**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:	0	**New Source:**	
MTBE 1:	U	**Book:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

RP Company: **Page:**
HCS Ref:
Comment:

Two 10,000 gallon USTs removed. NFA sent 12-10-2007. File pulled for archiving on 9/13/2011 by LEB.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
23	1 of 3	W	0.35 / 1,832.15	33.01 / 5	FAST FARE NC 717 815 GREENFIELD ST. WILMINGTON NC 28401	LUST

Incdnt No (DWM Map): 7051
Incident No: 7051
Fac ID (DWM Map): 00-0-0000020304
Facility ID: 00-0-0000020304
UST No (DWM Map): WI-948
UST No: WI-948
Curr Stat (DWM Map): Archived
Current Status: A
Close Out(DWMMap): 2009/01/27 00:00:00+00
Status Title: Archived
Dt Occur (DWM Map): 1991/01/30 00:00:00+00
Close Out: 1/26/2009
Incident (DWM Map): FAST FARE NC 717
Date Occurred: 1/29/1991
Address (DWM Map): 815 GREENFIELD ST.
Contam Type: Groundwater/Both
County (DWM Map): NEW H
Cleanup: 1/29/1991
City (DWM Map): WILMINGTON
County: NEW H
Zip Code (DWM Map): 28401
Latitude: 34.217445
Latitude (DWM Map): 34.217445
Longitude: -77.936521
Long (DWM Map): -77.936521
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx
Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (STATUS)

Incident Details

Release Code:
Samples Include: 1
Release Cause:
7.5 Min Quad:
Release Source:
5 Min Quad:
Type: 3
Submitted Date: 14-Nov-1991 00:00:00
Location: 1
I Ownership: 4
Site Priority: 50B
Owner Operator: MR. MATTHEW GILMORE
Priority Update: 30-May-1998 00:00:00
Ownership: 4
Source Type:
Ownership Desc: Private
ERR Type:
Operation Type: 6
Wells Affected Y/N: N
Operation Desc: Commercial
Wells Affected: 0.0
PIRF Min Soil: Pirf
Samples Taken By: 3
Description of Incident: DURING UST CLOSURE CONTAM. SOIL WAS DISCOVERED.

Incident Report

Report Type: CSA
Approved Date:
Request Date:
Implement Date:
Received Date: 04-Mar-1993 00:00:00
Due Date:
Reviewed Date:
PRT ID: 1084559
Report Type Description:
Comment:

Report Type: MRP
Approved Date: 18-May-2007 00:00:00
Request Date:
Implement Date:
Received Date: 16-May-2007 00:00:00
Due Date:
Reviewed Date: 18-May-2007 00:00:00
PRT ID: 1083801
Report Type Description: Monitoring Report (Pre-CAP)
Comment:

Report Type: MRP
Request Date:
Received Date: 03-Jan-2008 00:00:00
Reviewed Date: 09-Jan-2008 00:00:00
PRT ID: 1083802
Report Type Description: Monitoring Report (Pre-CAP)
Comment:
Approved Date: 09-Jan-2008 00:00:00
Implement Date:
Due Date:

Report Type: CAP
Request Date:
Received Date: 04-Jun-2002 00:00:00
Reviewed Date: 15-Jul-2002 00:00:00
PRT ID: 1085494
Report Type Description: Corrective Action Plan - Soil & GW
Comment:
Approved Date:
Implement Date:
Due Date:

Report Type: SCR
Request Date:
Received Date: 30-Oct-2008 00:00:00
Reviewed Date: 03-Nov-2008 00:00:00
PRT ID: 1087756
Report Type Description: Site Closure Report
Comment:
Approved Date: 03-Nov-2008 00:00:00
Implement Date:
Due Date:

Report Type: RMR
Request Date:
Received Date: 02-Jun-2006 00:00:00
Reviewed Date: 07-Jun-2006 00:00:00
PRT ID: 1086759
Report Type Description: Remediation Monitoring Report
Comment:
Approved Date: 07-Jun-2006 00:00:00
Implement Date:
Due Date:

Incident Status

Last Modified: 26-Jan-2009 00:00:00
Incident Phase: CO
Incid Phase Desc: Close Out
NOV Issued:
NORR Issued:
45 Day Report:
Public Meeting Held:
Corrective Act Plan:
SOC Signed:
Reclassification Rep:
RS Designation:
Closure Req Date:

UST Incidents

RO Code: WIL
CD No: 429
Date Reported: 1991/01/30 00:00:00+00
Land Use: RES
LUR Filed: 2009/02/21 00:00:00+00
LUR Resc:
LUR State: G
X: 2321521.39969464
Y: 171850.971124813
Comm: C
Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-948%2A%22%7D
Object ID: 12434
Reg: R
Conf Risk: L
RRA Date:
RRA Risk:
RRA Rank Curr: 0
RRA Abate:
Risk: H
RRA Rank:
MGR: SAK

RUST Data

MGR: SAK
RO Code: WIL
LUR Resc:
LUR State: G

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Date Reported:	1991/01/30 00:00:00+00	**SL MGR:**	
Date Reported FY:	1991	**SL Cleanup Strt Dt:**	
Date Occured FY:	1991	**SL Cleanup End Dt:**	
Comm:	C	**SL Site Stat:**	
Reg:	R	**SL Ftfrecdte:**	
Perccomfndelig:	100	**CD NO:**	429
TOT Paid:	53838.82	**RRA Date:**	
Conf Risk:	L	**RRA Risk:**	
Risk:	H	**RRA Rank Curr:**	0
Landuse:	RES	**RRA Abate:**	
Inc Stat:	Closed	**RRA Rank:**	
Closeout FY:	2009	**X:**	2321521.39984979
LUR Filed:	2009/02/21 00:00:00+00	**Y:**	171850.971139189

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-948%2A%22%7D

Comment: 8/2/00 monitoring wells and surface water; , FP, (12/05) preapproval issued nov. 05 to resample mw's. If results <gcl's look to close site. Waiting for D.R. and P.N. then close out (12/08), D.R. received, now waiting on P.N. (1/09). SITE IS CLOSED.

LUST Database

MGR:	SAK	**Contact:**	MR. JIM JANSON
Regional Office Cd:	WIL	**Telephone:**	8045158687
Date Reported:	1/29/1991	**RP Address:**	P. O. BOX 1168
Release Code:	0	**RP City:**	BALTIMORE
Release Code Desc:		**RP State:**	MD
Source:	3	**RP Zip Code:**	21203
Source Desc:	LEAK, UST	**RP County:**	
Site Priority:	50B	**RP Email:**	
Pollutant Type:	3	**RP Email1:**	
Pollutant Desc:	GASOLINE/DIESEL/KEROSENE	**RP Owner:**	TRUE
Petroleum Type:	P	**RP Operator:**	FALSE
Petrol Type Desc:	PETROLEUM	**RP Land Owner:**	FALSE
COMM:	C	**Lur Status:**	
COMM Desc:	COMMERCIAL	**LUR Filed:**	2/20/2009
Regulated Code:	R	**LUR Resc:**	
Reg Code Desc:	REGULATED	**LUR State:**	G
Notice Rg Rq Issd:		**GPS Conf:**	31
Notice Violtn Issd:		**RBCA GW:**	G2
Contamination:	GW	**RBCA GW Desc:**	Cleanups to alternate standards
Cleanup:	1/29/1991	**RBCA:**	S3
Conf Risk:	L	**RBCA Desc:**	Soil to Groundwater
Risk:	H	**CD No:**	429
Land Use:	RES	**Reel No:**	0
Land Use Desc:	Residential	**ERR CD:**	
Phase Reqrd:		**Valid:**	TRUE
Intrmdt Cndition:	S	**Cat Code:**	
Corr Act Plan Cd:	A	**HCS Res:**	
CAP Desc:	Air Sparging & Soil Vapor Extraction	**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:	0	**New Source:**	
MTBE 1:	Y	**Book:**	
RP Company:	CROWN CENTRAL PETROLEUM CORP.	**Page:**	
HCS Ref:	Google Earth		
Comment:			

8/2/00 monitoring wells and surface water; , FP, (12/05) preapproval issued nov. 05 to resample mw's. If results <gcl's look to close site. Waiting for D.R. and P.N. then close out (12/08), D.R. received, now waiting on P.N. (1/09). SITE IS CLOSED. File pulled for archiving in 9/2011 by SAK.

23	***2 of 3***	***W***	***0.35 / 1,832.15***	***33.01 / 5***	***Crown Nc - 717 815 Greenfield Street Wilmington NC***	***LUST TRUST***

Incident No:	7051
Facility ID:	0-020304
Site County:	New Hanover

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Details

Archive Submit No:		**3rd Party Deduct:**	$100,000.00
CD No:		**Sum 3rd Party Amts:**	$0.00
UST No:	WI-948	**Deduct Determine:**	2
Priority Rank:	H	**Deductible Amount:**	$50,000.00
Priority Rank Desc:	High risk	**Deductible Reason1:**	flat 50 k
Site Eligible?:	Yes	**Deductible Reason2:**	94B(b)(1)
% Commercial Fund:	1.0	**Inel App:**	
Reimbursement Form:	No		
Site Note:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
23	3 of 3	W	0.35 / 1,832.15	33.01 / 5	FAST FARE NC 717 815 GREENFIELD ST. WILMINGTON NC	LUR

Prj No:	WI-948	**Certification:**	None
Prj Status:	No Further Action	**Deed Bk:**	
Contam Src:	UST System	**Deed Pg:**	
Instrument Status:	Effective	**Plat Bk:**	
Instrument:	Notice and Restriction	**Plat Pg:**	
Rec Date:	2/19/2009	**Plat Link 1:**	
Plat Rec Date:		**Deed Link 1:**	Recorded Document Link
Deed Date:	Recorded 2-19-2009	**Prj County:**	New Hanover
Plat Date:		**X:**	2321520.672661975
Restricted Media:	Groundwater Only	**Y:**	171853.42420388758
Allowed Use:	Media Restrictions Only		
COC:	Multi COC		
DWM Program:	Underground Storage Tank Section		
Deed:			
Plat:			
DWM Contact:	Wilmington Regional Office (910) 796-7215		
Deed Link:	https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-948%2A%22%7D		
Plat Link URL:			
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
24	1 of 2	NNE	0.35 / 1,872.51	41.83 / 14	AMERICAN RED CROSS 1102 S. 16TH ST. WILMINGTON NC	LUST

Incdnt No (DWM Map):		**Incident No:**	
Fac ID (DWM Map):		**Facility ID:**	
UST No (DWM Map):	WI-553	**UST No:**	WI-553
Curr Stat (DWM Map):	Current Record	**Current Status:**	C
Close Out(DWMMap):	1996/03/28 00:00:00+00	**Status Title:**	Current Record
Dt Occur (DWM Map):	1996/03/28 00:00:00+00	**Close Out:**	3/27/1996
Incident (DWM Map):	AMERICAN RED CROSS	**Date Occurred:**	3/27/1996
Address (DWM Map):	1102 S. 16TH ST.	**Contam Type:**	
County (DWM Map):	NEW H	**Cleanup:**	3/27/1996
City (DWM Map):	WILMINGTON	**County:**	NEW H
Zip Code (DWM Map):		**Latitude:**	0
Latitude (DWM Map):	0	**Longitude:**	0
Long (DWM Map):	0		
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		
Data Source:	Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB)		

UST Incidents

RO Code:	WIL	***Reg:***	R
CD No:	0	***Conf Risk:***	L
Date Reported:	1996/03/28 00:00:00+00	***RRA Date:***	
Land Use:		***RRA Risk:***	
LUR Filed:		***RRA Rank Curr:***	0
LUR Resc:		***RRA Abate:***	
LUR State:		***Risk:***	
X:	32888970.6354088	***RRA Rank:***	
Y:	-69513.2738360167	***MGR:***	NPM
Comm:	C		

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-553%2A%22%7D

Object ID: 7068

RUST Data

MGR:	NPM	***LUR Resc:***	
RO Code:	WIL	***LUR State:***	
Date Reported:	1996/03/28 00:00:00+00	***SL MGR:***	
Date Reported FY:	1996	***SL Cleanup Strt Dt:***	
Date Occured FY:	1996	***SL Cleanup End Dt:***	
Comm:	C	***SL Site Stat:***	
Reg:	R	***SL Ftfrecdte:***	
Perccomfndelig:		***CD NO:***	0
TOT Paid:		***RRA Date:***	
Conf Risk:	L	***RRA Risk:***	
Risk:		***RRA Rank Curr:***	0
Landuse:		***RRA Abate:***	
Inc Stat:	Closed	***RRA Rank:***	
Closeout FY:	1996	***X:***	32888970.6352937
LUR Filed:		***Y:***	-69513.2738257283

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-553%2A%22%7D

Comment: NFA. File pulled for archiving on 9/9/2011 by LEB.

LUST Database

MGR:	NPM	***Contact:***	MS. SHARON BLAKE
Regional Office Cd:	WIL	***Telephone:***	
Date Reported:	3/27/1996	***RP Address:***	P.O. BOX 36507
Release Code:	0	***RP City:***	CHARLOTTE
Release Code Desc:		***RP State:***	NC
Source:		***RP Zip Code:***	28236
Source Desc:		***RP County:***	
Site Priority:		***RP Email:***	
Pollutant Type:		***RP Email1:***	
Pollutant Desc:		***RP Owner:***	FALSE
Petroleum Type:		***RP Operator:***	FALSE
Petrol Type Desc:		***RP Land Owner:***	FALSE
COMM:	C	***Lur Status:***	
COMM Desc:	COMMERCIAL	***LUR Filed:***	
Regulated Code:	R	***LUR Resc:***	
Reg Code Desc:	REGULATED	***LUR State:***	
Notice Rg Rq Issd:		***GPS Conf:***	99
Notice Violtn Issd:		***RBCA GW:***	
Contamination:		***RBCA GW Desc:***	
Cleanup:	3/27/1996	***RBCA:***	
Conf Risk:	L	***RBCA Desc:***	
Risk:		***CD No:***	0
Land Use:		***Reel No:***	0
Land Use Desc:		***ERR CD:***	
Phase Reqrd:		***Valid:***	FALSE
Intrmdt Cndition:		***Cat Code:***	
Corr Act Plan Cd:		***HCS Res:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:		**New Source:**	
MTBE 1:	U	**Book:**	
RP Company:	AMERICAN RED CROSS	**Page:**	
HCS Ref:			
Comment:			

NFA. File pulled for archiving on 9/9/2011 by LEB.

24	2 of 2	NNE	0.35 / 1,872.51	41.83 / 14	AMERICAN RED CROSS-1 1102 S. 16TH ST. WILMINGTON NC	LUST

Incdnt No (DWM Map):		**Incident No:**	
Fac ID (DWM Map):		**Facility ID:**	
UST No (DWM Map):	WI-554	**UST No:**	WI-554
Curr Stat (DWM Map):	Archived	**Current Status:**	A
Close Out(DWMMap):	1999/04/27 00:00:00+00	**Status Title:**	Archived
Dt Occur (DWM Map):	1999/04/27 00:00:00+00	**Close Out:**	4/26/1999
Incident (DWM Map):	AMERICAN RED CROSS-1	**Date Occurred:**	4/26/1999
Address (DWM Map):	1102 S. 16TH ST.	**Contam Type:**	
County (DWM Map):	NEW H	**Cleanup:**	4/26/1999
City (DWM Map):	WILMINGTON	**County:**	NEW H
Zip Code (DWM Map):		**Latitude:**	0
Latitude (DWM Map):	0	**Longitude:**	0
Long (DWM Map):	0		

Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB)

UST Incidents

RO Code:	WIL	**Reg:**	R
CD No:	463	**Conf Risk:**	L
Date Reported:	1999/04/27 00:00:00+00	**RRA Date:**	
Land Use:		**RRA Risk:**	
LUR Filed:		**RRA Rank Curr:**	0
LUR Resc:		**RRA Abate:**	
LUR State:		**Risk:**	
X:	32888970.6354088	**RRA Rank:**	
Y:	-69513.2738360167	**MGR:**	NPM
Comm:	C		

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-554%2A%22%7D

Object ID: 7069

RUST Data

MGR:	NPM	**LUR Resc:**	
RO Code:	WIL	**LUR State:**	
Date Reported:	1999/04/27 00:00:00+00	**SL MGR:**	
Date Reported FY:	1999	**SL Cleanup Strt Dt:**	
Date Occured FY:	1999	**SL Cleanup End Dt:**	
Comm:	C	**SL Site Stat:**	
Reg:	R	**SL Ftfrecdte:**	
Perccomfndelig:		**CD NO:**	463
TOT Paid:		**RRA Date:**	
Conf Risk:	L	**RRA Risk:**	
Risk:		**RRA Rank Curr:**	0
Landuse:		**RRA Abate:**	
Inc Stat:	Closed	**RRA Rank:**	
Closeout FY:	1999	**X:**	32888970.6352937

LUR Filed:		**Y:**	-69513.2738257283
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-554%2A%22%7D		
Comment:	2ND CLOSURE, ANOTHER DONE IN 1996. File pulled for archiving on 9/9/2011 by LEB.		

LUST Database

MGR:	NPM	**Contact:**	MS. SHARON BLAKE
Regional Office Cd:	WIL	**Telephone:**	
Date Reported:	4/26/1999	**RP Address:**	P.O. BOX 36507
Release Code:	0	**RP City:**	CHARLOTTE
Release Code Desc:		**RP State:**	NC
Source:		**RP Zip Code:**	28236
Source Desc:		**RP County:**	
Site Priority:		**RP Email:**	
Pollutant Type:		**RP Email1:**	
Pollutant Desc:		**RP Owner:**	FALSE
Petroleum Type:		**RP Operator:**	FALSE
Petrol Type Desc:		**RP Land Owner:**	FALSE
COMM:	C	**Lur Status:**	
COMM Desc:	COMMERCIAL	**LUR Filed:**	
Regulated Code:	R	**LUR Resc:**	
Reg Code Desc:	REGULATED	**LUR State:**	
Notice Rg Rq Issd:		**GPS Conf:**	99
Notice Violtn Issd:		**RBCA GW:**	
Contamination:		**RBCA GW Desc:**	
Cleanup:	4/26/1999	**RBCA:**	
Conf Risk:	L	**RBCA Desc:**	
Risk:		**CD No:**	463
Land Use:		**Reel No:**	554
Land Use Desc:		**ERR CD:**	
Phase Reqrd:		**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:		**New Source:**	
MTBE 1:	U	**Book:**	
RP Company:	AMERICAN RED CROSS	**Page:**	
HCS Ref:			
Comment:			

2ND CLOSURE, ANOTHER DONE IN 1996. File pulled for archiving on 9/9/2011 by LEB.

25	1 of 1	W	0.37 / 1,946.18	35.31 / 7	**NAZARETH CENTURY MILLS** **801 GREENFIELD ST.** **WILMINGTON NC 28401**	**LUST**

Incdnt No (DWM Map):	16652	**Incident No:**	16652
Fac ID (DWM Map):		**Facility ID:**	
UST No (DWM Map):	WI-1402	**UST No:**	WI-1402
Curr Stat (DWM Map):	Archived	**Current Status:**	A
Close Out(DWMMap):	1998/10/02 00:00:00+00	**Status Title:**	Archived
Dt Occur (DWM Map):	1996/07/02 00:00:00+00	**Close Out:**	10/1/1998
Incident (DWM Map):	NAZARETH CENTURY MILLS	**Date Occurred:**	7/1/1996
Address (DWM Map):	801 GREENFIELD ST.	**Contam Type:**	Soil
County (DWM Map):	NEW H	**Cleanup:**	7/24/1996
City (DWM Map):	WILMINGTON	**County:**	NEW H
Zip Code (DWM Map):	28401	**Latitude:**	34.2175
Latitude (DWM Map):	34.2175	**Longitude:**	-77.9369
Long (DWM Map):	-77.9369		
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		
Data Source:	Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (PIRF); RUST Incident Management Database (STATUS)		

Incident Details

Release Code:		***Samples Include:***	2
Release Cause:		***7.5 Min Quad:***	
Release Source:		***5 Min Quad:***	DD31I
Type:	4	***Submitted Date:***	29-Mar-1999 00:00:00
Location:	1	***I Ownership:***	4
Site Priority:	20E	***Owner Operator:***	JIM RILEY
Priority Update:	29-Mar-1999 00:00:00	***Ownership:***	4
Source Type:		***Ownership Desc:***	Private
ERR Type:		***Operation Type:***	6
Wells Affected Y/N:	N	***Operation Desc:***	Commercial
Wells Affected:		***PIRF Min Soil:***	MIN_SOIL
Samples Taken By:	3		

Description of Incident: SOIL CONTAM. CONFIRMED AT 450 MG/KG.

Incident Status

Last Modified:	29-Mar-1999 00:00:00	***Public Meeting Held:***	
Incident Phase:	CO	***Corrective Act Plan:***	
Incid Phase Desc:	Close Out	***SOC Signed:***	
NOV Issued:		***Reclassification Rep:***	
NORR Issued:		***RS Designation:***	
45 Day Report:		***Closure Req Date:***	

UST Incidents

RO Code:	WIL	***Reg:***	N
CD No:	143	***Conf Risk:***	L
Date Reported:	1996/07/25 00:00:00+00	***RRA Date:***	
Land Use:		***RRA Risk:***	
LUR Filed:		***RRA Rank Curr:***	0
LUR Resc:		***RRA Abate:***	
LUR State:		***Risk:***	L
X:	2321406.60727331	***RRA Rank:***	
Y:	171869.759473056	***MGR:***	BAR
Comm:	N		

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-1402%2A%22%7D

Object ID: 20614

RUST Data

MGR:	BAR	***LUR Resc:***	
RO Code:	WIL	***LUR State:***	
Date Reported:	1996/07/25 00:00:00+00	***SL MGR:***	
Date Reported FY:	1996	***SL Cleanup Strt Dt:***	
Date Occured FY:	1996	***SL Cleanup End Dt:***	
Comm:	N	***SL Site Stat:***	
Reg:	N	***SL Ftfrecdte:***	
Perccomfndelig:		***CD NO:***	143
TOT Paid:		***RRA Date:***	
Conf Risk:	L	***RRA Risk:***	
Risk:	L	***RRA Rank Curr:***	0
Landuse:		***RRA Abate:***	
Inc Stat:	Closed	***RRA Rank:***	
Closeout FY:	1999	***X:***	2321406.60716027
LUR Filed:		***Y:***	171869.75956021

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-1402%2A%22%7D

Comment: PIRF, THEN NFA **Note: Many records provided by the department have a truncated [Comment] field.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

LUST Database

MGR:	BAR	***Contact:***	NO RP IDENTIFIED
Regional Office Cd:	WIL	***Telephone:***	
Date Reported:	7/24/1996	***RP Address:***	
Release Code:	0	***RP City:***	
Release Code Desc:		***RP State:***	
Source:	3	***RP Zip Code:***	
Source Desc:	LEAK, UST	***RP County:***	
Site Priority:	20E	***RP Email:***	
Pollutant Type:	4	***RP Email1:***	
Pollutant Desc:	HEATING OIL	***RP Owner:***	FALSE
Petroleum Type:	P	***RP Operator:***	FALSE
Petrol Type Desc:	PETROLEUM	***RP Land Owner:***	FALSE
COMM:	N	***Lur Status:***	
COMM Desc:	NON COMMERCIAL	***LUR Filed:***	
Regulated Code:	N	***LUR Resc:***	
Reg Code Desc:	NON REGULATED	***LUR State:***	
Notice Rg Rq Issd:		***GPS Conf:***	99
Notice Violtn Issd:		***RBCA GW:***	
Contamination:	SL	***RBCA GW Desc:***	
Cleanup:	7/24/1996	***RBCA:***	
Conf Risk:	L	***RBCA Desc:***	
Risk:	L	***CD No:***	143
Land Use:		***Reel No:***	3911
Land Use Desc:		***ERR CD:***	
Phase Reqrd:		***Valid:***	FALSE
Intrmdt Cndition:		***Cat Code:***	
Corr Act Plan Cd:		***HCS Res:***	
CAP Desc:		***Reliability:***	
Clos Reqsd:		***Supply Well:***	0
MTBE:		***New Source:***	
MTBE 1:	U	***Book:***	
RP Company:		***Page:***	
HCS Ref:			
Comment:			

PIRF, THEN NFA **Note: Many records provided by the department have a truncated [Comment] field.

26	***1 of 1***	***N***	***0.43 / 2,273.49***	***36.83 / 9***	***Wells Transmission 1002 S. 16th street Wilmington NC 28401***	***LAST***

Incident No:	94191	***County:***	NEW H
UST No:	WI-88338	***Incident No (Map):***	94191
Facility ID:		***UST No (Map):***	WI-88338
Current Status:	Current Record	***Facility ID (Map):***	
Dt Occurred (IMD):	3/18/2013	***Current Stat (Map):***	Current Record
Closeout (IMD):		***Dt Occurred (Map):***	2013/03/19 00:00:00+00
Contamination:	SL	***Closeout (Map):***	
Contamination Type:	Soil	***Latitude (Map):***	34.224053
Cleanup:		***Longitude (Map):***	-77.927776
Latitude:	34.224053	***County (Map):***	NEW H
Longitude:	-77.927776	***Address (Map):***	1002 S. 16th street
Address:	1002 S. 16th street	***Zipcode (Map):***	28401
Zipcode:	28401	***City Town (Map):***	Wilmington
Citytown:	Wilmington		
Incident Name:	Wells Transmission		
Inc Name (Map):	Wells Transmission		
LF Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%28%7B%5B%5D%3A%5BProgram_ID%5D%3D%22WI-88338%22%7D%29		
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		
Data Source:	Deptartment of Environmental Quality - RAST; Aboveground Incident Management Database (UST DB); Aboveground Incident Management Database (RPTS); Aboveground Incident Management Database (ASSIGNID); Aboveground Incident Management Database (PIRF)		

Incident Information

Facility ID:		***County:***	NEW H
Date Entered:	5/13/2013	***Region:***	WIL
Src Contamination:	19		
Incident Loc Name:	Wells Transmission		

Incident Details

Date Occurred:	3/18/2013	***Release Code:***	3
Submitted Date:	5/9/2013	***Release Code Desc:***	Property Transfer
Type:	1	***Owner Operator:***	
Location:	1	***Ownership:***	4
Location Desc:	Facility	***Ownership Desc:***	Private
Site Priority:		***Operation Type:***	8
Priority Update:		***Operation Desc:***	
Wells Affected Y/N:	n	***75 Min Quad:***	
Wells Affected:		***5 Min Quad:***	
Samples Taken By:	y	***PIRF Min Soil:***	
Samples Include:		***Source Type:***	E
Description of Incident:	Phase II due diligence report for real estate transaction found poor house keeping, slops and spills around AST and engine parts outside and uncovered.		

Incident Report

Report Type:	20DAY	***Approved Date:***	6/18/2013
Request Date:		***Implement Date:***	
Received Date:	6/17/2013	***Due Date:***	
Reviewed Date:	6/18/2013		
Report Type Desc:	20 Day Report		
Comment:			

RAST (Map)

Regional Office Cd:	WIL	***Regulated Code:***	
CD No:	0	***Regulated Cd Desc:***	
Date Reported:	2013/05/10 00:00:00+00	***Conf Risk:***	L
Land Use:	RES	***Risk:***	
Inc Stat:	Open	***RRA Date:***	
LUR Filed:		***RRA Risk:***	
LUR Resc:		***RRA Abate:***	
LUR State:		***RRA Rank:***	0
MGR:	NPM	***RRA Rank 2:***	
COMM:		***X:***	2324139.18969625
COMM Desc:		***Y:***	174284.205790821
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-88338%2A%22%7D		
Comment:	poor house keeping. Spills around AST, used engine parts stored outsied with no cover. Discovered by a property transaction due diligence. Report sent in by C.. Moody. No groundwater contamination with petroleum found so far.. Sent NORR 6/18/2013. Site **Note: Many records provided by the department have a truncated [Comment] field.		

RAST Database

MGR:	NPM	***Release Code:***	0
Regional Office Cd:	WIL	***Release Desc:***	
Date Reported:	5/9/2013	***LUR Filed:***	
Source Code:	19	***LUR Resc:***	
Source Desc:	Surface Spill	***LUR State:***	
Pollutant Type:	PETROLEUM	***GPS Conf:***	31
COMM:		***RBCA GW:***	
COMM Desc:		***RBCA GW Desc:***	

Regulated Code:		**PETOPT Desc:**	OTHER PETROLEUM PROD.
Regulated Desc:		**CD No:**	0
Ntice Rg Rq Issd:		**Reel No:**	0
Ntice Violtn Issd:		**RP Owner:**	TRUE
Conf Risk:	L	**RP Operator:**	FALSE
Risk:		**RP Land Owner:**	TRUE
Land Use:	RES	**ERRCD:**	NO
Land Use Desc:	Residential	**Valid:**	FALSE
Site Priority:		**Cat Code:**	
Intrmdt Cndition:		**HCS Res:**	
Crrctve Act Pln Tp:		**Reliability:**	
RBCA:		**LUR Status:**	
RBCA Desc:		**LUR Status1:**	
Close Reqsd:		**Phase Required:**	
Supply Well:	0	**Book:**	
MTBE:	0	**Page:**	
Telephone:	9107621131	**Email:**	
MTBE1:	N	**Latitude:**	
MTBE Desc:	No	**Longitude:**	
CAP Desc:			
HCS Ref:			
RP:	FALSE		
RP Company:	Wells Transmission		
Contact:	Walter Williams		
RP Address:	1002 S. 16th Street		
RP City:	Wilmington		
RP State:	NC		
RP Zipcode:	28401		
RP County:			
RP Email:			
Comment:			

poor house keeping. Spills around AST, used engine parts stored outsied with no cover. Discovered by a property transaction due diligence. Report sent in by C.. Moody. No groundwater contamination with petroleum found so far.. Sent NORR 6/18/2013. Site in downtown Wilmingto on mandantory City water. Conducted drive by and on foot water supply well survey 6/18/13. None found.

Map Viewer Details

CD No:	0	**Risk:**	
MGR:	NPM	**LUR Filed:**	
RO Code:	WIL	**LUR Resc:**	
Date Reported:	5/9/2013, 8:00 PM	**LUR State:**	
Comm:		**RRA Date:**	
Comm Desc:		**RRA Risk:**	
Reg:		**RRA Abate:**	
Regulated Cd Desc:		**RRA Rank:**	0
Con Frisk:	L	**X:**	-77.92777368412968
Land Use:	RES	**Y:**	34.224046236621916
Comment:	poor house keeping. Spills around AST, used engine parts stored outsied with no cover. Discovered by a property transaction due diligence. Report sent in by C.. Moody. No groundwater contamination with petroleum found so far.. Sent NORR 6/18/2013. Site		

AST Incidents Open Data Details

CD No:	0	**LUR Filed:**	
MGR:	NPM	**LUR Resc:**	
RO Code:	WIL	**LUR State:**	
Date Reported:	2013/05/10 00:00:00+00	**RRA Date:**	
Comm:		**RRA Risk:**	
Comm Desc:		**RRA Abate:**	
Reg:		**RRA Rank:**	0
Regulated Cd Desc:		**RRA Rank 2:**	
Con Frisk:	L	**X:**	2324139.18969625
Land Use:	RES	**Y:**	174284.205790821
Risk:			
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
			5BProgram_ID%5D%3D%22%2AWI-88338%2A%22%7D			
27	1 of 1	NW	0.44 / 2,307.09	56.73 / 29	HOWE PRE-K SCHOOL 210 MEARS ST WILMINGTON NC 28412	LUST

Incdnt No (DWM Map):	32662	**Incident No:**	32662
Fac ID (DWM Map):		**Facility ID:**	
UST No (DWM Map):	WI-7558	**UST No:**	WI-7558
Curr Stat (DWM Map):	Archived	**Current Status:**	A
Close Out(DWMMap):	2010/08/31 00:00:00+00	**Status Title:**	Archived
Dt Occur (DWM Map):	2010/07/09 00:00:00+00	**Close Out:**	8/30/2010
Incident (DWM Map):	HOWE PRE-K SCHOOL	**Date Occurred:**	7/8/2010
Address (DWM Map):	210 MEARS ST	**Contam Type:**	Soil
County (DWM Map):	NEW H	**Cleanup:**	7/8/2010
City (DWM Map):	WILMINGTON	**County:**	NEW H
Zip Code (DWM Map):	28412	**Latitude:**	34.22281
Latitude (DWM Map):	34.22281	**Longitude:**	-77.93484
Long (DWM Map):	-77.93484		

Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (STATUS)

Incident Details

Release Code:	2	**Samples Include:**	
Release Cause:	7	**7.5 Min Quad:**	
Release Source:	B	**5 Min Quad:**	
Type:	4	**Submitted Date:**	08-Jul-2010 00:00:00
Location:	1	**I Ownership:**	6
Site Priority:		**Owner Operator:**	
Priority Update:		**Ownership:**	6
Source Type:	P	**Ownership Desc:**	County
ERR Type:		**Operation Type:**	4
Wells Affected Y/N:	N	**Operation Desc:**	Educ/Religios
Wells Affected:		**PIRF Min Soil:**	
Samples Taken By:	Y		

Description of Incident: fuel oil tank

Incident Report

Report Type:	IAA	**Approved Date:**	30-Aug-2010 00:00:00
Request Date:		**Implement Date:**	
Received Date:	26-Aug-2010 00:00:00	**Due Date:**	
Reviewed Date:			

PRT ID: 1088615

Report Type Description:

Comment:

overexcavation cleaned up soils below levels. Gw not affected. Issued nfa.

Report Type:	20DAY	**Approved Date:**	02-Aug-2010 00:00:00
Request Date:		**Implement Date:**	
Received Date:	28-Jul-2010 00:00:00	**Due Date:**	
Reviewed Date:			

PRT ID: 1088584

Report Type Description: 20 Day Report

Comment:

rqst IAA **Note: Many records provided by the department have a truncated [Comment] field.

Incident Status

Last Modified:	30-Aug-2010 00:00:00	***Public Meeting Held:***	
Incident Phase:	CO	***Corrective Act Plan:***	
Incid Phase Desc:	Close Out	***SOC Signed:***	
NOV Issued:		***Reclassification Rep:***	
NORR Issued:		***RS Designation:***	
45 Day Report:		***Closure Req Date:***	

UST Incidents

RO Code:	WIL	***Reg:***	N
CD No:	489	***Conf Risk:***	L
Date Reported:	2010/07/09 00:00:00+00	***RRA Date:***	
Land Use:		***RRA Risk:***	
LUR Filed:		***RRA Rank Curr:***	0
LUR Resc:		***RRA Abate:***	
LUR State:		***Risk:***	L
X:	2322008.64511122	***RRA Rank:***	
Y:	173808.861565977	***MGR:***	MEC
Comm:	N		
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7558%2A%22%7D		
Object ID:	33524		

RUST Data

MGR:	MEC	***LUR Resc:***	
RO Code:	WIL	***LUR State:***	
Date Reported:	2010/07/09 00:00:00+00	***SL MGR:***	
Date Reported FY:	2010	***SL Cleanup Strt Dt:***	
Date Occured FY:	2010	***SL Cleanup End Dt:***	
Comm:	N	***SL Site Stat:***	
Reg:	N	***SL Ftfrecdte:***	
Perccomfndelig:		***CD NO:***	489
TOT Paid:		***RRA Date:***	
Conf Risk:	L	***RRA Risk:***	
Risk:	L	***RRA Rank Curr:***	0
Landuse:		***RRA Abate:***	
Inc Stat:	Closed	***RRA Rank:***	
Closeout FY:	2010	***X:***	2322008.64520073
LUR Filed:		***Y:***	173808.861490146
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-7558%2A%22%7D		
Comment:	File pulled for archieving in June 2013 by sak **Note: Many records provided by the department have a truncated [Comment] field.		

LUST Database

MGR:	MEC	***Contact:***	NH
Regional Office Cd:	WIL	***Telephone:***	9102544443
Date Reported:	7/8/2010	***RP Address:***	6410 CAROLINA BEACH RD
Release Code:	0	***RP City:***	WILMINGTON
Release Code Desc:		***RP State:***	NC
Source:	3	***RP Zip Code:***	28412
Source Desc:	LEAK, UST	***RP County:***	
Site Priority:		***RP Email:***	
Pollutant Type:	4	***RP Email1:***	
Pollutant Desc:	HEATING OIL	***RP Owner:***	TRUE
Petroleum Type:	P	***RP Operator:***	TRUE
Petrol Type Desc:	PETROLEUM	***RP Land Owner:***	FALSE
COMM:	N	***Lur Status:***	
COMM Desc:	NON COMMERCIAL	***LUR Filed:***	
Regulated Code:	N	***LUR Resc:***	
Reg Code Desc:	NON REGULATED	***LUR State:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Notice Rg Rq Issd:		**GPS Conf:**	99
Notice Violtn Issd:		**RBCA GW:**	
Contamination:	SL	**RBCA GW Desc:**	
Cleanup:	7/8/2010	**RBCA:**	
Conf Risk:	L	**RBCA Desc:**	
Risk:	L	**CD No:**	489
Land Use:		**Reel No:**	0
Land Use Desc:		**ERR CD:**	NO
Phase Reqrd:		**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:	0	**New Source:**	
MTBE 1:	U	**Book:**	
RP Company:	NEW HANOVER COUNTY SCHOOLS	**Page:**	
HCS Ref:			
Comment:			

File pulled for archieving in June 2013 by sak **Note: Many records provided by the department have a truncated [Comment] field.

28	1 of 1	NNE	0.45 / 2,369.02	37.09 / 9	**STAR-NEWSPAPER, INC.** **1003 S. 17TH ST.** **WILMINGTON NC**	**LUST**

Incdnt No (DWM Map):		**Incident No:**	
Fac ID (DWM Map):		**Facility ID:**	
UST No (DWM Map):	WI-392	**UST No:**	WI-392
Curr Stat (DWM Map):	Current Record	**Current Status:**	C
Close Out(DWMMap):		**Status Title:**	Current Record
Dt Occur (DWM Map):		**Close Out:**	
Incident (DWM Map):	STAR-NEWSPAPER, INC.	**Date Occurred:**	
Address (DWM Map):	1003 S. 17TH ST.	**Contam Type:**	
County (DWM Map):	NEW H	**Cleanup:**	
City (DWM Map):	WILMINGTON	**County:**	NEW H
Zip Code (DWM Map):		**Latitude:**	0
Latitude (DWM Map):	0	**Longitude:**	0
Long (DWM Map):	0		
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		
Data Source:	Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB)		

UST Incidents

RO Code:	WIL	**Reg:**	R
CD No:	0	**Conf Risk:**	L
Date Reported:		**RRA Date:**	
Land Use:		**RRA Risk:**	
LUR Filed:		**RRA Rank Curr:**	0
LUR Resc:		**RRA Abate:**	
LUR State:		**Risk:**	
X:	32888970.6354088	**RRA Rank:**	
Y:	-69513.2738360167	**MGR:**	NPM
Comm:	C		
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-392%2A%22%7D		
Object ID:	7531		

RUST Data

MGR:	NPM	**LUR Resc:**	
RO Code:	WIL	**LUR State:**	
Date Reported:		**SL MGR:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Date Reported FY:		**SL Cleanup Strt Dt:**	
Date Occured FY:		**SL Cleanup End Dt:**	
Comm:	C	**SL Site Stat:**	
Reg:	R	**SL Ftfrecdte:**	
Perccomfndelig:		**CD NO:**	0
TOT Paid:		**RRA Date:**	
Conf Risk:	L	**RRA Risk:**	
Risk:		**RRA Rank Curr:**	0
Landuse:		**RRA Abate:**	
Inc Stat:	Open	**RRA Rank:**	
Closeout FY:		**X:**	32888970.6352937
LUR Filed:		**Y:**	-69513.2738257283
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-392%2A%22%7D		
Comment:			

LUST Database

MGR:	NPM	**Contact:**	
Regional Office Cd:	WIL	**Telephone:**	
Date Reported:		**RP Address:**	
Release Code:	0	**RP City:**	
Release Code Desc:		**RP State:**	
Source:		**RP Zip Code:**	
Source Desc:		**RP County:**	
Site Priority:		**RP Email:**	
Pollutant Type:		**RP Email1:**	
Pollutant Desc:		**RP Owner:**	FALSE
Petroleum Type:		**RP Operator:**	FALSE
Petrol Type Desc:		**RP Land Owner:**	FALSE
COMM:	C	**Lur Status:**	
COMM Desc:	COMMERCIAL	**LUR Filed:**	
Regulated Code:	R	**LUR Resc:**	
Reg Code Desc:	REGULATED	**LUR State:**	
Notice Rg Rq Issd:		**GPS Conf:**	99
Notice Violtn Issd:		**RBCA GW:**	
Contamination:		**RBCA GW Desc:**	
Cleanup:		**RBCA:**	
Conf Risk:	L	**RBCA Desc:**	
Risk:		**CD No:**	0
Land Use:		**Reel No:**	0
Land Use Desc:		**ERR CD:**	
Phase Reqrd:		**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:		**New Source:**	
MTBE 1:	U	**Book:**	
RP Company:		**Page:**	
HCS Ref:			
Comment:			

29	***1 of 1***	***W***	***0.45 / 2,369.56***	***37.44 / 9***	***CENTURY MILLS RALEIGH ST. WILMINGTON NC 28401***	***LUST***

Incdnt No (DWM Map):	6536	**Incident No:**	6536
Fac ID (DWM Map):	00-0-0000022551	**Facility ID:**	00-0-0000022551
UST No (DWM Map):	WI-900	**UST No:**	WI-900
Curr Stat (DWM Map):	Archived	**Current Status:**	A
Close Out(DWMMap):	1992/02/28 00:00:00+00	**Status Title:**	Archived
Dt Occur (DWM Map):	1990/11/24 00:00:00+00	**Close Out:**	2/27/1992
Incident (DWM Map):	CENTURY MILLS	**Date Occurred:**	11/23/1990
Address (DWM Map):	RALEIGH ST.	**Contam Type:**	Groundwater/Both

County (DWM Map):	NEW H	**Cleanup:**	11/23/1990
City (DWM Map):	WILMINGTON	**County:**	NEW H
Zip Code (DWM Map):	28401	**Latitude:**	34.2175
Latitude (DWM Map):	34.2175	**Longitude:**	-77.9383
Long (DWM Map):	-77.9383		

Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (STATUS)

Incident Details

Release Code:		**Samples Include:**	1
Release Cause:		**7.5 Min Quad:**	
Release Source:		**5 Min Quad:**	
Type:	3	**Submitted Date:**	23-Apr-1991 00:00:00
Location:	1	**I Ownership:**	4
Site Priority:	60	**Owner Operator:**	CENTURY MILLS, INC.
Priority Update:		**Ownership:**	4
Source Type:		**Ownership Desc:**	Private
ERR Type:		**Operation Type:**	5
Wells Affected Y/N:	N	**Operation Desc:**	Industrial
Wells Affected:	0.0	**PIRF Min Soil:**	Pirf
Samples Taken By:	1		

Description of Incident: UPON ABANDONMENT OF 2 USTS, SOIL SAMPLES CONFIRMED CONTAMINATION.

Incident Report

Report Type:	CLO	**Approved Date:**	
Request Date:		**Implement Date:**	
Received Date:	21-Nov-1990 00:00:00	**Due Date:**	
Reviewed Date:			

PRT ID: 1091066

Report Type Description: Closure Report

Comment:

clean closure **Note: Many records provided by the department have a truncated [Comment] field.

Incident Status

Last Modified:	27-Feb-1992 00:00:00	**Public Meeting Held:**	
Incident Phase:	CO	**Corrective Act Plan:**	
Incid Phase Desc:	Close Out	**SOC Signed:**	
NOV Issued:		**Reclassification Rep:**	
NORR Issued:		**RS Designation:**	
45 Day Report:		**Closure Req Date:**	

UST Incidents

RO Code:	WIL	**Reg:**	R
CD No:	42	**Conf Risk:**	L
Date Reported:	1990/12/19 00:00:00+00	**RRA Date:**	
Land Use:	RES	**RRA Risk:**	
LUR Filed:		**RRA Rank Curr:**	0
LUR Resc:		**RRA Abate:**	
LUR State:		**Risk:**	L
X:	2320983.36304106	**RRA Rank:**	
Y:	171865.229626477	**MGR:**	BAR
Comm:	C		

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-900%2A%22%7D

Object ID: 11989

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

RUST Data

MGR:	BAR	***LUR Resc:***	
RO Code:	WIL	***LUR State:***	
Date Reported:	1990/12/19 00:00:00+00	***SL MGR:***	
Date Reported FY:	1991	***SL Cleanup Strt Dt:***	
Date Occured FY:	1991	***SL Cleanup End Dt:***	
Comm:	C	***SL Site Stat:***	
Reg:	R	***SL Ftfrecdte:***	
Perccomfndelig:		***CD NO:***	42
TOT Paid:		***RRA Date:***	
Conf Risk:	L	***RRA Risk:***	
Risk:	L	***RRA Rank Curr:***	0
Landuse:	RES	***RRA Abate:***	
Inc Stat:	Closed	***RRA Rank:***	
Closeout FY:	1992	***X:***	2320983.36291099
LUR Filed:		***Y:***	171865.229787841

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-900%2A%22%7D

Comment: NFA clean closure **Note: Many records provided by the department have a truncated [Comment] field.

LUST Database

MGR:	BAR	***Contact:***	MR. WILLIAM HOWARD
Regional Office Cd:	WIL	***Telephone:***	
Date Reported:	12/18/1990	***RP Address:***	715 GREENFIELD STREET
Release Code:	0	***RP City:***	WILMINGTON
Release Code Desc:		***RP State:***	NC
Source:	3	***RP Zip Code:***	28401
Source Desc:	LEAK, UST	***RP County:***	
Site Priority:	60	***RP Email:***	
Pollutant Type:	3	***RP Email1:***	
Pollutant Desc:	GASOLINE/DIESEL/KEROSENE	***RP Owner:***	FALSE
Petroleum Type:	P	***RP Operator:***	FALSE
Petrol Type Desc:	PETROLEUM	***RP Land Owner:***	FALSE
COMM:	C	***Lur Status:***	
COMM Desc:	COMMERCIAL	***LUR Filed:***	
Regulated Code:	R	***LUR Resc:***	
Reg Code Desc:	REGULATED	***LUR State:***	
Notice Rg Rq Issd:		***GPS Conf:***	99
Notice Violtn Issd:		***RBCA GW:***	
Contamination:	GW	***RBCA GW Desc:***	
Cleanup:	11/23/1990	***RBCA:***	
Conf Risk:	L	***RBCA Desc:***	
Risk:	L	***CD No:***	42
Land Use:	RES	***Reel No:***	3785
Land Use Desc:	Residential	***ERR CD:***	YES
Phase Reqrd:		***Valid:***	FALSE
Intrmdt Cndition:		***Cat Code:***	
Corr Act Plan Cd:		***HCS Res:***	
CAP Desc:		***Reliability:***	
Clos Reqsd:		***Supply Well:***	0
MTBE:		***New Source:***	
MTBE 1:	U	***Book:***	
RP Company:	CETURY MILLS, INC.	***Page:***	
HCS Ref:			
Comment:			

NFA clean closure **Note: Many records provided by the department have a truncated [Comment] field.

30	*1 of 1*	*NE*	*0.49 / 2,577.08*	*34.36 / 6*	***FARMERS SUPPLY CO.*** ***1930 OLEANDER DR.*** ***WILMINGTON NC 28403***	***LUST***

Incdnt No (DWM	43122	***Incident No:***	43122

Map):

Fac ID (DWM Map):		***Facility ID:***	
UST No (DWM Map):	WI-132	***UST No:***	WI-132
Curr Stat (DWM Map):	Current Record	***Current Status:***	C
Close Out(DWMMap):	1992/01/03 00:00:00+00	***Status Title:***	Current Record
Dt Occur (DWM Map):	1991/07/04 00:00:00+00	***Close Out:***	1/2/1992
Incident (DWM Map):	FARMERS SUPPLY CO.	***Date Occurred:***	7/3/1991
Address (DWM Map):	1930 OLEANDER DR.	***Contam Type:***	Groundwater/Both
County (DWM Map):	NEW H	***Cleanup:***	7/3/1991
City (DWM Map):	WILMINGTON	***County:***	NEW H
Zip Code (DWM Map):	28403	***Latitude:***	34.224713
Latitude (DWM Map):	34.224713	***Longitude:***	-77.923051
Long (DWM Map):	-77.923051		

Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (STATUS)

Incident Details

Release Code:	2	***Samples Include:***	
Release Cause:	2	***7.5 Min Quad:***	
Release Source:	A	***5 Min Quad:***	
Type:	3	***Submitted Date:***	
Location:	1	***I Ownership:***	4
Site Priority:		***Owner Operator:***	
Priority Update:		***Ownership:***	4
Source Type:	P	***Ownership Desc:***	Private
ERR Type:		***Operation Type:***	6
Wells Affected Y/N:	N	***Operation Desc:***	Commercial
Wells Affected:		***PIRF Min Soil:***	
Samples Taken By:	Y		

Description of Incident: Soil contamination discovered below one UST below the water table during tank closure. Groundwater eventually tested bdl.

Incident Report

Report Type:	CLO	***Approved Date:***	
Request Date:		***Implement Date:***	
Received Date:	22-Jul-1991 00:00:00	***Due Date:***	
Reviewed Date:			
PRT ID:	1090306		
Report Type Description:	Closure Report		
Comment:			

tph detected, but no odors detected. Later learned that the TPH samples were taken below the water table.

Report Type:	45DAY	***Approved Date:***	
Request Date:		***Implement Date:***	
Received Date:	02-Jan-1992 00:00:00	***Due Date:***	
Reviewed Date:			
PRT ID:	1090307		
Report Type Description:	45 Day Report		
Comment:			

2 well samplings in late 1991, the second round was below 2L standards.

Report Type:	OTH	***Approved Date:***	
Request Date:		***Implement Date:***	
Received Date:	20-Mar-1991 00:00:00	***Due Date:***	
Reviewed Date:			
PRT ID:	1090308		
Report Type Description:	Other (Comments Required)		
Comment:			

notice of intent **Note: Many records provided by the department have a truncated [Comment] field.

Incident Status

Last Modified:	02-Jan-1992 00:00:00	***Public Meeting Held:***	
Incident Phase:	CO	***Corrective Act Plan:***	
Incid Phase Desc:	Close Out	***SOC Signed:***	
NOV Issued:		***Reclassification Rep:***	
NORR Issued:		***RS Designation:***	
45 Day Report:		***Closure Req Date:***	

UST Incidents

RO Code:	WIL	***Reg:***	R
CD No:	0	***Conf Risk:***	L
Date Reported:	1991/07/23 00:00:00+00	***RRA Date:***	
Land Use:		***RRA Risk:***	
LUR Filed:		***RRA Rank Curr:***	0
LUR Resc:		***RRA Abate:***	
LUR State:		***Risk:***	L
X:	2325564.91785431	***RRA Rank:***	
Y:	174539.855838895	***MGR:***	BAR
Comm:	C		
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-132%2A%22%7D		
Object ID:	40623		

RUST Data

MGR:	BAR	***LUR Resc:***	
RO Code:	WIL	***LUR State:***	
Date Reported:	1991/07/23 00:00:00+00	***SL MGR:***	
Date Reported FY:	1991	***SL Cleanup Strt Dt:***	
Date Occured FY:	1991	***SL Cleanup End Dt:***	
Comm:	C	***SL Site Stat:***	
Reg:	R	***SL Ftfrecdte:***	
Perccomfndelig:		***CD NO:***	0
TOT Paid:		***RRA Date:***	
Conf Risk:	L	***RRA Risk:***	
Risk:	L	***RRA Rank Curr:***	0
Landuse:		***RRA Abate:***	
Inc Stat:	Closed	***RRA Rank:***	
Closeout FY:	1992	***X:***	2325564.91782151
LUR Filed:		***Y:***	174539.855966942
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-132%2A%22%7D		
Comment:	nfa as second round of gw sampling was below 2L.		

LUST Database

MGR:	bar	***Contact:***	Lawrence Sprunt
Regional Office Cd:	WIL	***Telephone:***	9107634664
Date Reported:	7/22/1991	***RP Address:***	1930 oleander dr
Release Code:	0	***RP City:***	wilmington
Release Code Desc:		***RP State:***	NC
Source:	3	***RP Zip Code:***	28406
Source Desc:	LEAK, UST	***RP County:***	
Site Priority:		***RP Email:***	
Pollutant Type:	3	***RP Email1:***	
Pollutant Desc:	GASOLINE/DIESEL/KEROSENE	***RP Owner:***	TRUE
Petroleum Type:	P	***RP Operator:***	TRUE
Petrol Type Desc:	PETROLEUM	***RP Land Owner:***	FALSE
COMM:	C	***Lur Status:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

COMM Desc:	COMMERCIAL	**LUR Filed:**	
Regulated Code:	R	**LUR Resc:**	
Reg Code Desc:	REGULATED	**LUR State:**	
Notice Rg Rq Issd:		**GPS Conf:**	31
Notice Violtn Issd:		**RBCA GW:**	G1
Contamination:	GW	**RBCA GW Desc:**	Cleanups to 2L.0202 standards
Cleanup:	7/3/1991	**RBCA:**	
Conf Risk:	L	**RBCA Desc:**	
Risk:	L	**CD No:**	0
Land Use:		**Reel No:**	0
Land Use Desc:		**ERR CD:**	
Phase Reqrd:		**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:		**New Source:**	
MTBE 1:	U	**Book:**	
RP Company:	farmers supply Co.	**Page:**	
HCS Ref:	google earth		
Comment:			

nfa as second round of gw sampling was below 2L.

31	1 of 1	NE	0.49 / 2,602.53	34.65 / 7	**LONGLEY SUPPLY COMPANY** **2018 OLEANDER DR.** **WILMINGTON NC 28405**	**LUST**

Incdnt No (DWM Map):	32095	**Incident No:**	32095
Fac ID (DWM Map):		**Facility ID:**	
UST No (DWM Map):	WI-2359	**UST No:**	WI-2359
Curr Stat (DWM Map):	Archived	**Current Status:**	A
Close Out(DWMMap):	2004/04/28 00:00:00+00	**Status Title:**	Archived
Dt Occur (DWM Map):	2003/11/01 00:00:00+00	**Close Out:**	4/27/2004
Incident (DWM Map):	LONGLEY SUPPLY COMPANY	**Date Occurred:**	10/31/2003
Address (DWM Map):	2018 OLEANDER DR.	**Contam Type:**	Soil
County (DWM Map):	NEW H	**Cleanup:**	11/3/2003
City (DWM Map):	WILMINGTON	**County:**	NEW H
Zip Code (DWM Map):	28405	**Latitude:**	34.223611
Latitude (DWM Map):	34.223611	**Longitude:**	-77.923044
Long (DWM Map):	-77.923044		
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		
Data Source:	Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB); RUST Incident Management Database (RPTS); RUST Incident Management Database (PIRF); RUST Incident Management Database (STATUS)		

Incident Details

Release Code:	2	**Samples Include:**	
Release Cause:		**7.5 Min Quad:**	
Release Source:	C	**5 Min Quad:**	
Type:	4	**Submitted Date:**	03-Nov-2003 00:00:00
Location:	8	**I Ownership:**	4
Site Priority:		**Owner Operator:**	
Priority Update:		**Ownership:**	4
Source Type:	C	**Ownership Desc:**	Private
ERR Type:		**Operation Type:**	6
Wells Affected Y/N:	n	**Operation Desc:**	Commercial
Wells Affected:		**PIRF Min Soil:**	
Samples Taken By:	y		
Description of Incident:	Petroleum Odor noticed during closure of a 2000 gal. heating oil. Conformation soil sample shows TPH DRO - 15 ppm.		

Incident Report

Report Type: 20DAY
Request Date:
Received Date: 08-Dec-2003 00:00:00
Reviewed Date: 10-Dec-2003 00:00:00
PRT ID: 1085225
Report Type Description: 20 Day Report
Comment:

Approved Date: 10-Dec-2003 00:00:00
Implement Date:
Due Date:

51.42 tons of contaminated soils removed.

Report Type: LSA1
Request Date:
Received Date: 15-Apr-2004 00:00:00
Reviewed Date: 22-Apr-2004 00:00:00
PRT ID: 1086278
Report Type Description: Limited Site Assmt Phase 1
Comment:

Approved Date: 22-Apr-2004 00:00:00
Implement Date:
Due Date:

Soils are below soil-to-groundwater; groundwater below 2L standards. NFA **Note: Many records provided by the department have a truncated [Comment] field.

Incident Status

Last Modified: 27-Apr-2004 00:00:00
Incident Phase: CO
Incid Phase Desc: Close Out
NOV Issued:
NORR Issued:
45 Day Report:

Public Meeting Held:
Corrective Act Plan:
SOC Signed:
Reclassification Rep:
RS Designation:
Closure Req Date:

UST Incidents

RO Code: WIL
CD No: 245
Date Reported: 2003/11/04 00:00:00+00
Land Use: RES
LUR Filed:
LUR Resc:
LUR State:
X: 2325571.38470489
Y: 174138.837612063
Comm: C
Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-2359%2A%22%7D
Object ID: 32967

Reg: N
Conf Risk: L
RRA Date:
RRA Risk:
RRA Rank Curr: 0
RRA Abate:
Risk: L
RRA Rank:
MGR: JDP

RUST Data

MGR: JDP
RO Code: WIL
Date Reported: 2003/11/04 00:00:00+00
Date Reported FY: 2004
Date Occured FY: 2004
Comm: C
Reg: N
Perccomfndelig:
TOT Paid:
Conf Risk: L
Risk: L
Landuse: RES
Inc Stat: Closed
Closeout FY: 2004

LUR Resc:
LUR State:
SL MGR:
SL Cleanup Strt Dt:
SL Cleanup End Dt:
SL Site Stat:
SL Ftfrecdte:
CD NO: 245
RRA Date:
RRA Risk:
RRA Rank Curr: 0
RRA Abate:
RRA Rank:
X: 2325571.38481113

LUR Filed:		**Y:**	174138.837626244
Docs Link:	http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-2359%2A%22%7D		
Comment:	Excavated soil had a TPH DRO - 280 ppm. Closure Sample TPH DRO - 15 ppm. NFA **Note: Many records provided by the department have a truncated [Comment] field.		

LUST Database

MGR:	JDP	**Contact:**	MR. HENRY LONGLEY
Regional Office Cd:	WIL	**Telephone:**	9107627793
Date Reported:	11/3/2003	**RP Address:**	P.O. DRAWER 3809
Release Code:		**RP City:**	WILMINGTON
Release Code Desc:		**RP State:**	NC
Source:	3	**RP Zip Code:**	28406
Source Desc:	LEAK, UST	**RP County:**	
Site Priority:		**RP Email:**	
Pollutant Type:	4	**RP Email1:**	
Pollutant Desc:	HEATING OIL	**RP Owner:**	TRUE
Petroleum Type:	P	**RP Operator:**	TRUE
Petrol Type Desc:	PETROLEUM	**RP Land Owner:**	TRUE
COMM:	C	**Lur Status:**	
COMM Desc:	COMMERCIAL	**LUR Filed:**	
Regulated Code:	N	**LUR Resc:**	
Reg Code Desc:	NON REGULATED	**LUR State:**	
Notice Rg Rq Issd:		**GPS Conf:**	99
Notice Violtn Issd:		**RBCA GW:**	G1
Contamination:	SL	**RBCA GW Desc:**	Cleanups to 2L.0202 standards
Cleanup:	11/3/2003	**RBCA:**	S3
Conf Risk:	L	**RBCA Desc:**	Soil to Groundwater
Risk:	L	**CD No:**	245
Land Use:	RES	**Reel No:**	
Land Use Desc:	Residential	**ERR CD:**	
Phase Reqrd:	1	**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:	0	**New Source:**	
MTBE 1:	U	**Book:**	
RP Company:	LONGLEY SUPPLY COMPANY	**Page:**	
HCS Ref:			
Comment:			

Excavated soil had a TPH DRO - 280 ppm. Closure Sample TPH DRO - 15 ppm. NFA **Note: Many records provided by the department have a truncated [Comment] field.

32	1 of 1	NNE	0.50 / 2,615.48	37.08 / 9	**OLD 7-UP FACILITY** **915 S. 17TH ST.** **WILMINGTON NC**	**LUST**

Incdnt No (DWM Map):		**Incident No:**	
Fac ID (DWM Map):		**Facility ID:**	
UST No (DWM Map):	WI-315	**UST No:**	WI-315
Curr Stat (DWM Map):	Archived	**Current Status:**	A
Close Out(DWMMap):	1992/07/28 00:00:00+00	**Status Title:**	Archived
Dt Occur (DWM Map):	1992/07/28 00:00:00+00	**Close Out:**	7/27/1992
Incident (DWM Map):	OLD 7-UP FACILITY	**Date Occurred:**	7/27/1992
Address (DWM Map):	915 S. 17TH ST.	**Contam Type:**	
County (DWM Map):	NEW H	**Cleanup:**	7/27/1992
City (DWM Map):	WILMINGTON	**County:**	NEW H
Zip Code (DWM Map):		**Latitude:**	0
Latitude (DWM Map):	0	**Longitude:**	0
Long (DWM Map):	0		
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		

Data Source: Division of Waste Management Site Locator Tool - UST Incidents; RUST Incident Management Database (UST DB)

UST Incidents

RO Code:	WIL	**Reg:**	R
CD No:	464	**Conf Risk:**	L
Date Reported:	1992/07/28 00:00:00+00	**RRA Date:**	
Land Use:		**RRA Risk:**	
LUR Filed:		**RRA Rank Curr:**	0
LUR Resc:		**RRA Abate:**	
LUR State:		**Risk:**	
X:	32888970.6354088	**RRA Rank:**	
Y:	-69513.2738360167	**MGR:**	NPM
Comm:	C		

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-315%2A%22%7D

Object ID: 7447

RUST Data

MGR:	NPM	**LUR Resc:**	
RO Code:	WIL	**LUR State:**	
Date Reported:	1992/07/28 00:00:00+00	**SL MGR:**	
Date Reported FY:	1992	**SL Cleanup Strt Dt:**	
Date Occured FY:	1992	**SL Cleanup End Dt:**	
Comm:	C	**SL Site Stat:**	
Reg:	R	**SL Ftfrecdte:**	
Perccomfndelig:		**CD NO:**	464
TOT Paid:		**RRA Date:**	
Conf Risk:	L	**RRA Risk:**	
Risk:		**RRA Rank Curr:**	0
Landuse:		**RRA Abate:**	
Inc Stat:	Closed	**RRA Rank:**	
Closeout FY:	1992	**X:**	32888970.6352937
LUR Filed:		**Y:**	-69513.2738257283

Docs Link: http://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=%7B%5BWM%5D%3A%5BProgram_ID%5D%3D%22%2AWI-315%2A%22%7D

Comment: NFA. File Pulled for archiving by LEB on 9/14/2011.

LUST Database

MGR:	NPM	**Contact:**	
Regional Office Cd:	WIL	**Telephone:**	
Date Reported:	7/27/1992	**RP Address:**	
Release Code:	0	**RP City:**	
Release Code Desc:		**RP State:**	
Source:		**RP Zip Code:**	
Source Desc:		**RP County:**	
Site Priority:		**RP Email:**	
Pollutant Type:		**RP Email1:**	
Pollutant Desc:		**RP Owner:**	FALSE
Petroleum Type:		**RP Operator:**	FALSE
Petrol Type Desc:		**RP Land Owner:**	FALSE
COMM:	C	**Lur Status:**	
COMM Desc:	COMMERCIAL	**LUR Filed:**	
Regulated Code:	R	**LUR Resc:**	
Reg Code Desc:	REGULATED	**LUR State:**	
Notice Rg Rq Issd:		**GPS Conf:**	99
Notice Violtn Issd:		**RBCA GW:**	
Contamination:		**RBCA GW Desc:**	
Cleanup:	7/27/1992	**RBCA:**	
Conf Risk:	L	**RBCA Desc:**	
Risk:		**CD No:**	464
Land Use:		**Reel No:**	328
Land Use Desc:		**ERR CD:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Phase Reqrd:		**Valid:**	FALSE
Intrmdt Cndition:		**Cat Code:**	
Corr Act Plan Cd:		**HCS Res:**	
CAP Desc:		**Reliability:**	
Clos Reqsd:		**Supply Well:**	0
MTBE:		**New Source:**	
MTBE 1:	U	**Book:**	
RP Company:		**Page:**	
HCS Ref:			
Comment:			

NFA. File Pulled for archiving by LEB on 9/14/2011.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
33	1 of 1	SSE	0.50 / 2,632.76	30.12 / 2	Tallman Clay Pit 16th Street Wilmington NC	OLD LF

EPA ID:	NONCD0000759	**Source:**	
Site County:	New Hanover	**Geoloc Cod:**	12
Status:	Activity Pending	**X:**	-77.92506849564982
Contact:	PRLF Unit Supervisor	**Y:**	34.209122669849414
Phone:	919-707-8333	**Latitude:**	34.20912943
Email:	ryan.channell@ncdenr.gov	**Longitude:**	-77.92507081
NFA with Restrictn:	FALSE		

Doc Link: https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand={[WM]:[Program_ID]=%22*NONCD0000759*%22}

Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
34	1 of 1	W	0.61 / 3,210.37	27.15 / -1	USA RESERVE XVIII AIRBORNE CORPS 2144 LAKESHORE DR WILMINGTON NC	SHWS

EPA ID:	NC0210021929	**Lat (Fed Rmdtn):**	
County (NCDENR):	NEW HANOVER	**Long (Fed Rmdtn):**	
Latitude (NCDENR):	34.20363	**County (IH Waste):**	
Longitude (NCDENR):	-77.93569	**Lat (IH Waste):**	
County (Fed Rmdtn):		**Long(IH Waste):**	
Zip (Fed Rmdtn):			
Site Name (NCDENR):	USA RESERVE XVIII AIRBORNE CORPS		
Address (NCDENR):	2144 LAKESHORE DR		
City (NCDENR):	WILMINGTON		
Site Name (Fed Rmdtn):			
Addr (Fed Rmdtn):			
City (Fed Rmdtn):			
Site Name (InactvHazWste):			
Addr (InactvHzWste):			
City (InactvHzWste):			
Original Source(s):	North Carolina Department of Environment and Natural Resources (NCDENR)		
Note:	Documents related to facilities in NC can be searched on the NC DEQ Laser Fiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		

NCDEQ - Location Detail

Source:	AcmeMapper
Geolocation Code Desc:	On Screen Placement On Georeferenced Map

NCDEQ - Site Categories Detail

SPL Score:	
Category:	NFA
Partial AA:	FALSE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
35	1 of 1	NNE	0.63 / 3,313.41	30.91 / 3	UNIFIRST 1821 DAWSON STREET WILMINGTON NC	SHWS

EPA ID: NONCD0002645
County (NCDENR): New Hanover
Latitude (NCDENR): 34.2263
Longitude (NCDENR): -77.9241
County (Fed Rmdtn):
Zip (Fed Rmdtn):
Site Name (NCDENR): UniFirst
Address (NCDENR): 1821 Dawson Street
City (NCDENR): Wilmington
Site Name (Fed Rmdtn):
Addr (Fed Rmdtn):
City (Fed Rmdtn):
Site Name (InactvHazWste): UNIFIRST
Addr (InactvHzWste): 1821 DAWSON STREET
City (InactvHzWste): WILMINGTON
Original Source(s): Division of Waste Management Site Locator Tool - Inactive Hazardous Waste Layer; North Carolina Department of Environment and Natural Resources (NCDENR)
Note: Documents related to facilities in NC can be searched on the NC DEQ Laser Fiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Lat (Fed Rmdtn):
Long (Fed Rmdtn):
County (IH Waste): NEW HANOVER
Lat (IH Waste): 34.2263
Long(IH Waste): -77.9241

Division of Waste Management Site Locator Tool - Inactive Hazardous Waste Layer

Land Use Restrict: FALSE
Voluntary Cleanup: TRUE
Update Date: 2022/11/30 00:00:00+00
Geo Location Code: ON SCREEN PLACEMENT ON GEOREFERENCED MAP
Laser Fiche: https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand={[WM]:[Program_ID]=%22*NONCD0002645*%22}

Source: ACMEMAPPER
X: -77.9241
Y: 34.2263

NCDEQ - Location Detail

Source: AcmeMapper
Geolocation Code Desc: On Screen Placement On Georeferenced Map

NCDEQ - Site Categories Detail

SPL Score:
Category: Voluntary (AA)
Partial AA: FALSE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
36	1 of 1	NNE	0.86 / 4,551.63	24.92 / -3	MILLER & TALENT RADIATOR SERVICE 1815 CASTLE STREET WILMINGTON NC	SHWS

EPA ID: NONCD0002074
County (NCDENR): New Hanover
Latitude (NCDENR): 34.23
Longitude (NCDENR): -77.924722
County (Fed Rmdtn):
Zip (Fed Rmdtn):
Site Name (NCDENR): MILLER & TALENT RADIATOR SERVICE
Address (NCDENR): 1815 CASTLE STREET
City (NCDENR): WILMINGTON
Site Name (Fed Rmdtn):
Addr (Fed Rmdtn):
City (Fed Rmdtn):
Site Name (InactvHazWste): MILLER & TALENT RADIATOR SERVICE
Addr (InactvHzWste): 1815 CASTLE STREET

Lat (Fed Rmdtn):
Long (Fed Rmdtn):
County (IH Waste): NEW HANOVER
Lat (IH Waste): 34.23
Long(IH Waste): -77.924722

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

City (InactvHzWste): WILMINGTON
Original Source(s): Division of Waste Management Site Locator Tool - Inactive Hazardous Waste Layer; North Carolina Department of Environment and Natural Resources (NCDENR)
Note: Documents related to facilities in NC can be searched on the NC DEQ Laser Fiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Division of Waste Management Site Locator Tool - Inactive Hazardous Waste Layer

Land Use Restrict: FALSE
Voluntary Cleanup: FALSE
Update Date: 2022/11/30 00:00:00+00
Source: ACMEMAPPER
X: -77.924722
Y: 34.2300000000001
Geo Location Code: ON SCREEN PLACEMENT ON GEOREFERENCED MAP
Laser Fiche: https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand={[WM]:[Program_ID]=%22*NONCD0002074*%22}

NCDEQ - Location Detail

Source: AcmeMapper
Geolocation Code Desc: On Screen Placement On Georeferenced Map

NCDEQ - Site Categories Detail

SPL Score:
Category: Evaluation Pending
Partial AA: FALSE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
37	1 of 1	NE	0.90 / 4,753.58	25.51 / -2	BROWNS RADIATOR SERVICE 2136 WRIGHTSVILLE AVE WILMINGTON NC	SHWS

EPA ID: NONCD0001391
County (NCDENR): New Hanover
Latitude (NCDENR): 34.22927
Longitude (NCDENR): -77.92054
County (Fed Rmdtn):
Zip (Fed Rmdtn):
Lat (Fed Rmdtn):
Long (Fed Rmdtn):
County (IH Waste): NEW HANOVER
Lat (IH Waste): 34.22927
Long(IH Waste): -77.92054
Site Name (NCDENR): BROWNS RADIATOR SERVICE
Address (NCDENR): 2136 WRIGHTSVILLE AVE
City (NCDENR): WILMINGTON
Site Name (Fed Rmdtn):
Addr (Fed Rmdtn):
City (Fed Rmdtn):
Site Name (InactvHazWste): BROWNS RADIATOR SERVICE
Addr (InactvHzWste): 2136 WRIGHTSVILLE AVE
City (InactvHzWste): WILMINGTON
Original Source(s): Division of Waste Management Site Locator Tool - Inactive Hazardous Waste Layer; North Carolina Department of Environment and Natural Resources (NCDENR)
Note: Documents related to facilities in NC can be searched on the NC DEQ Laser Fiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Division of Waste Management Site Locator Tool - Inactive Hazardous Waste Layer

Land Use Restrict: FALSE
Voluntary Cleanup: FALSE
Update Date: 2022/11/30 00:00:00+00
Source: ACMEMAPPER
X: -77.92054
Y: 34.22927
Geo Location Code: ON SCREEN PLACEMENT ON GEOREFERENCED MAP
Laser Fiche: https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand={[WM]:[Program_ID]=%22*NONCD0001391*%22}

NCDEQ - Location Detail

Source: AcmeMapper
Geolocation Code Desc: On Screen Placement On Georeferenced Map

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

NCDEQ - Site Categories Detail

SPL Score: 43.38
Category: SPL
Partial AA: FALSE

---

38 | ***1 of 1*** | ***WNW*** | ***0.91 / 4,789.84*** | ***26.99 / -1*** | ***WACCAMAW TRANSPORT (FORMER)***
1106 S 2ND ST
WILMINGTON NC | ***SHWS***

EPA ID: NONCD0002838
County (NCDENR): NEW HANOVER
Latitude (NCDENR): 34.22094
Longitude (NCDENR): -77.94579
County (Fed Rmdtn):
Zip (Fed Rmdtn):
Lat (Fed Rmdtn):
Long (Fed Rmdtn):
County (IH Waste): NEW HANOVER
Lat (IH Waste): 34.22094
Long(IH Waste): -77.94579
Site Name (NCDENR): WACCAMAW TRANSPORT (FORMER)
Address (NCDENR): 1106 S 2ND ST
City (NCDENR): WILMINGTON
Site Name (Fed Rmdtn):
Addr (Fed Rmdtn):
City (Fed Rmdtn):
Site Name (InactvHazWste): WACCAMAW TRANSPORT (FORMER)
Addr (InactvHzWste): 1106 S 2ND ST
City (InactvHzWste): WILMINGTON
Original Source(s): Division of Waste Management Site Locator Tool - Inactive Hazardous Waste Layer; North Carolina Department of Environment and Natural Resources (NCDENR)
Note: Documents related to facilities in NC can be searched on the NC DEQ Laser Fiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Division of Waste Management Site Locator Tool - Inactive Hazardous Waste Layer

Land Use Restrict: FALSE
Voluntary Cleanup: FALSE
Update Date: 2022/11/30 00:00:00+00
Source: ACMEMAPPER
X: -77.94579
Y: 34.22094
Geo Location Code: ON SCREEN PLACEMENT ON GEOREFERENCED MAP
Laser Fiche: https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand={[WM]:[Program_ID]=%22*NONCD0002838*%22}

NCDEQ - Location Detail

Source: AcmeMapper
Geolocation Code Desc: On Screen Placement On Georeferenced Map

NCDEQ - Site Categories Detail

SPL Score: 44.12
Category: SPL
Partial AA: FALSE

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39 | ***1 of 1*** | ***NW*** | ***0.93 / 4,919.57*** | ***56.58 / 29*** | ***WILMINGTON POW CP***
WILMINGTON NC | ***FUDS***

FUDS Property No: I04NC0798
EMS Map Link: https://fudsportal.usace.army.mil/ems/inventory/map?id=60758
FUDS INST ID: NC49799F489800
Status: Properties without projects
SDS ID:
NPL Status Code: Not on the NPL
Eligibility: Eligible

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Site Eligib:
Current Owner:
Has Project: No
DOD FUDS Pro:
Project Required: No
No Further Action:
Congressional District: 03
Media ID:
Metadata ID:
Feature Desc:
EPA Region: 04
County: NEW HANOVER
Latitude: 34.22944444
Longitude: -77.93833333
Fiscal year: 2019
USACE Division: sad
USACE District: sas
Shape Area:
Shape Len:
X: -77.9382934570313
Y: 34.2296142578125
Property History:

Prior to WWI utilized by National Guard for training purposes, during WWII utilized by Woman's Army Auxiliary Corps as housing for officers and enlisted personnel and starting in 1944 utilized as a PO W camp.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
40	1 of 1	WNW	0.98 / 5,184.73	33.46 / 6	EXXON WOOSTER ST FRMR 315 WOOSTER ST WILMINGTON NC	SHWS

EPA ID: NONCD0003064
County (NCDENR): NEW HANOVER
Latitude (NCDENR): 34.225787
Longitude (NCDENR): -77.944508
County (Fed Rmdtn):
Zip (Fed Rmdtn):
Lat (Fed Rmdtn):
Long (Fed Rmdtn):
County (IH Waste): NEW HANOVER
Lat (IH Waste): 34.225787
Long(IH Waste): -77.944508
Site Name (NCDENR): EXXON WOOSTER ST FRMR
Address (NCDENR): 315 WOOSTER ST
City (NCDENR): WILMINGTON
Site Name (Fed Rmdtn):
Addr (Fed Rmdtn):
City (Fed Rmdtn):
Site Name (InactvHazWste): EXXON WOOSTER ST FRMR
Addr (InactvHzWste): 315 WOOSTER ST
City (InactvHzWste): WILMINGTON
Original Source(s): Division of Waste Management Site Locator Tool - Inactive Hazardous Waste Layer; North Carolina Department of Environment and Natural Resources (NCDENR)
Note: Documents related to facilities in NC can be searched on the NC DEQ Laser Fiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Division of Waste Management Site Locator Tool - Inactive Hazardous Waste Layer

Land Use Restrict: FALSE
Voluntary Cleanup: FALSE
Update Date: 2022/11/30 00:00:00+00
Source: GOOGLE MAPS
X: -77.944508
Y: 34.225787
Geo Location Code: ON SCREEN PLACEMENT ON GEOREFERENCED MAP
Laser Fiche: https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand={[WM]:[Program_ID]=%22*NONCD0003064*%22}

NCDEQ - Location Detail

Source: Google Maps
Geolocation Code Desc: On Screen Placement On Georeferenced Map

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

NCDEQ - Site Categories Detail

SPL Score:
Category: Evaluation Pending
Partial AA: FALSE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
41	1 of 1	W	1.00 / 5,274.80	1.82 / -26	SOUTHERN WOOD PIEDMONT CO# NC	HSDS

Superfund ID: 058 517 467
Haz Subst. Disposal Sites1298: 874
Haz Subst. Disp Sites1298 ID: 867
SIS:
NONCD:
SSF:
State or Federal Code: 1
Total Area in Coverage Units: 133068.03125
Total Perim in Coverage Units: 1530.57531738
X Coordinate in Feet: 2317505.25
Y Coordinate in Feet: 171175.140625
Long: 77 56 59.459257
Lat: 34 12 56.564534
Note: Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
42	1 of 1	WNW	1.00 / 5,276.81	22.44 / -6	CTI OF NC, INC 1002 S FRONT ST WILMINGTON NC	DELISTED SHWS

Delisted Inactive Hazardous Sites and Federal Remediation Branch Sites

EPA ID: NONCD0001180
Source: Unknown
Resolution:
Vol Clean Up:
Eval Pend:
No Frthr Action:
NFA Restr Use:
DWQ LEAD:
Sol Wst Lead:
Non NPL EPA Lead:
NPL:
Non TSD RCRA Ld:
TSD:
RADPRTLead:
Geolocation Code: 69
Geolocation Desc: Geocode (address match)
Geolocation (old) Code: 9
Geolocation (old) Desc: GEOCODING
Non Haz Sub Site Open:
Non Haz Sub Site NFA:
Non Haz Sub Site NFAR:
Note:
Original Source: SHWS
Record Date: 04-NOV-2015

SPL Score:
SPL:
Site County: NEW HANOVER
Latitude (old):
Longitude (old):
Latitude: 34.222549
Longitude: -77.947362
Loc Code: 99
Duplicate:
LUR Annl Cert Mo:
LUR Annl Cert Day:
UST Lead:
DSCA Lead:
Pre Regld Fl:

Unplottable Summary

Total: 2 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
CERCLIS	SOUTHERN WOOD PIEDMONT CO#	GREENFIELD STREET ***Site EPA ID:*** NCD058517467	WILMINGTON NC	28401	805425076
UST	PHILLIPS 66 CO #023452	S. 17TH ST EXT ***Facility ID:*** 00-0-0000022276 ***Tank ID | Tank Status:*** 4 | Temporarily Closed, 1 | Temporarily Closed, 3 | Temporarily Closed, 2 | Temporarily Closed, 5 | Temporarily Closed	WILMINGTON NC	28401	819126680

Unplottable Report

Site: ***SOUTHERN WOOD PIEDMONT CO#***
GREENFIELD STREET WILMINGTON NC 28401

CERCLIS

Site ID:	0402821	***RNPL Status Code:***	N
Site EPA ID:	NCD058517467	***NPL Status:***	Not on the NPL
Site Street Address 2:		***RFED Facility Code:***	N
Site County Name:	NEW HANOVER	***RFED Facility Desc:***	Not a Federal Facility
Site FIPS Code:	37129	***USGS Hydro Unit No.:***	03030005
Region Code:	04	***Site Cong. Dist. Code:***	07
Site SMSA No.:	9200	***ROT Desc:***	Other
Site Prim. Latitude:	34D12M45S	***FR NPL Update No.:***	
Site Prim. Longitude:	077D57M15S	***RFRA Code:***	
Lat Long Source:			
RNON NPL Status Desc:	Formal State Deferral		

CERCLIS Site Contact Name(s)

Person ID:	13002428.00
First Name:	Donna
Last Name:	Seadler
Phone No.:	4045628870
Email:	seadler.donna@epa.gov

CERCLIS Site Contact Name(s)

Person ID:	4000084.00
First Name:	Jon
Last Name:	Borholm
Phone No.:	4045628820
Email:	bornholm.jon@epa.gov

CERCLIS Site Contact Name(s)

Person ID:	4270042.00
First Name:	Phil
Last Name:	Vorsatz
Phone No.:	4045628789
Email:	vorsatz.phillip@epa.gov

CERCLIS Site Contact Name(s)

Person ID:	4270039.00
First Name:	Luis
Last Name:	Flores
Phone No.:	4045628807
Email:	flores.luis@epa.gov

CERCLIS Site Contact Name(s)

Person ID:	4270104.00
First Name:	Jennifer
Last Name:	Wendel
Phone No.:	4045628799
Email:	wendel.jennifer@epa.gov

CERCLIS Site Contact Name(s)

Person ID: 4000508.00
First Name: Michael
Last Name: Townsend
Phone No.: 4045628813
Email: townsend.michael@epa.gov

CERCLIS Site Contact Name(s)

Person ID: 4000275.00
First Name: William
Last Name: Joyner
Phone No.: 4045628795
Email: joyner.william@epa.gov

CERCLIS Site Contact Name(s)

Person ID: 4000533.00
First Name: Samantha
Last Name: UrquhartF
Phone No.: 4045628760
Email: urquhart-foster.samantha@epa.gov

CERCLIS Site Contact Name(s)

Person ID: 4272610.00
First Name: Carolyn
Last Name: Callihan
Phone No.: 4045628913
Email: Carolyn Callihan/R4/USEPA/US,

CERCLIS Site Contact Name(s)

Person ID: 4000312.00
First Name: Ken
Last Name: Mallary
Phone No.: 4045628802
Email: mallary.ken@epa.gov

CERCLIS Site Contact Name(s)

Person ID: 4000308.00
First Name: Ken
Last Name: Lucas
Phone No.: 4045628953
Email:

CERCLIS Assess History

OU ID: 00
Act Code ID: 001
RAT Code: SI
RAT Short Name: SI
RAT Name: SITE INSPECTION
RAT Hist. Only Flag:
RAT NSI Indicator: B
RAT Level: 1
RAT DEF OU: 00
RFBS Code: P
SPA Code: 13
RALT Short Name: EPA Fund
Act Start Date:
Act Complete Date: 3/31/1986 00:00:00
AGT Order No.: 160
SH OU: 00
SH Code: SH
SH Seq: 001
SH Start Date: 1/27/1993 00:00:00
SH Complete Date: 4/19/1995 00:00:00
SH Lead: EPA Fund
RAT Def: The process of collecting site data and samples to characterize the severity of the hazard for the hazard ranking score and/or enforcement support.
Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	State (Fund)
Act Code ID:	001	***Act Start Date:***	10/25/1999 00:00:00
RAT Code:	VA	***Act Complete Date:***	
RAT Short Name:	OTHERCLEAN	***AGT Order No.:***	185
RAT Name:	OTHER CLEANUP ACTIVITY	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:		***SH Lead:***	
SPA Code:	13		

RAT Def: Documents that another party is managing cleanup work at a non-NPL site.

Site Desc:

Site Alias:

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	EPA Fund
Act Code ID:	001	***Act Start Date:***	
RAT Code:	DS	***Act Complete Date:***	8/1/1980 00:00:00
RAT Short Name:	DISCVRY	***AGT Order No.:***	10
RAT Name:	DISCOVERY	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:		***SH Lead:***	
SPA Code:	13		

RAT Def: The process by which a potential hazardous waste site is brought to the attention of the EPA. The process can occur through the use of several mechanisms such as a phone call or referral by another government agency.

Site Desc:

Site Alias:

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	State (Fund)
Act Code ID:	001	***Act Start Date:***	
RAT Code:	PA	***Act Complete Date:***	8/1/1984 00:00:00
RAT Short Name:	PA	***AGT Order No.:***	130
RAT Name:	PRELIMINARY ASSESSMENT	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:	P	***SH Lead:***	
SPA Code:	13		

RAT Def: Collection of diverse existing information about the source and nature of the site hazard. It is EPA policy to complete the preliminary assessment within one year of site discovery.

Site Desc:

Site Alias:

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	State Def
Act Code ID:	001	***Act Start Date:***	5/17/1999 00:00:00
RAT Code:	AQ	***Act Complete Date:***	5/3/2005 00:00:00
RAT Short Name:	ST-DEFER	***AGT Order No.:***	1336
RAT Name:	STATE DEFERRAL	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:		***SH Lead:***	
SPA Code:	13		

RAT Def: The Region has entered into an agreement with a state to defer from listing on the National Priority List (NPL) an NPL caliber site or a site proposed to the NPL. The state uses its own authority to compel and oversee Potentially Responsible Party (PRP) response or implements a response using its own resources.

Site Desc:
Site Alias:

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	
Act Code ID:		***Act Start Date:***	
RAT Code:		***Act Complete Date:***	
RAT Short Name:		***AGT Order No.:***	0
RAT Name:		***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:		***SH Seq:***	
RAT Level:		***SH Start Date:***	
RAT DEF OU:		***SH Complete Date:***	
RFBS Code:		***SH Lead:***	
SPA Code:			
RAT Def:			
Site Desc:	No description available .		
Site Alias:	SOUTHERN WOOD PIEDMONT CO#,,NEW HANOVER,NC,;		

CERCLIS Assess History

OU ID:	00	***RALT Short Name:***	EPA Fund
Act Code ID:	001	***Act Start Date:***	
RAT Code:	ES	***Act Complete Date:***	8/12/1997 00:00:00
RAT Short Name:	ESI	***AGT Order No.:***	170
RAT Name:	EXPANDED SITE INSPECTION	***SH OU:***	
RAT Hist. Only Flag:		***SH Code:***	
RAT NSI Indicator:	B	***SH Seq:***	
RAT Level:	1	***SH Start Date:***	
RAT DEF OU:	00	***SH Complete Date:***	
RFBS Code:	P	***SH Lead:***	
SPA Code:	13		
RAT Def:	Functions performed to collect additional data, beyond that required for Hazard Ranking System scoring, in order to expedite the Remedial Investigation/Feasibility Study (RI/FS) project planning phase for National Priority List (NPL) sites. The present site inspection focus on pathways and receptors has been expanded to include site and source characterization. The information facilitates the development of RI/FS workplan and sampling and analysis plan.		
Site Desc:			
Site Alias:			

Site: ***PHILLIPS 66 CO #023452***
S. 17TH ST EXT WILMINGTON NC 28401

UST

Facility ID:	00-0-0000022276	***Fac City (Map):***	
No Reg Tanks:		***Fac Zip (Map):***	
No Non-Reg Tanks:		***X (Map):***	
Non-Reg/Com Tanks:		***Y (Map):***	
Fac Owner Type:		***Latitude (Map):***	
City (Report):	WILMINGTON	***Longitude (Map):***	
State (Report):	NC	***City (PST):***	
Zip (Report):	28401	***Latitude (PST):***	
County (Report):		***Longitude (PST):***	
Latitude (Report):	0	***Contact City:***	BARTLESVILLE
Longitude (Report):	0	***Contact State:***	OK
Fac Phone (Map) :		***Contact Zip:***	74004-0000
Fac Name (Report):	PHILLIPS 66 CO #023452		
Address1 (Report):	S. 17TH ST EXT		
Address2 (Report):			
Fac Name (Map):			
Fac Address (Map):			
Facility Name (PST):			
Address (PST):			
Contact:	PHILLIPS 66 COMPANY		
Contact Address 1:	686 ADAMS BLDG ATTN LARRY HARJO		
Contact Address 2:			
Data Source:	North Carolina Environmental Quality - UST Databases and Reports		
Note:	Documents related to facilities in NC can be searched on the NC DEQ LaserFiche WebLink: https://edocs.deq.nc.gov/WasteManagement/Search.aspx		

Tank Info (UST Databases and Reports)

Tank ID:	4	***Regulated:***	1
Tank Status:	Temporarily Closed	***Product:***	Oil, New/Used/Mix
Compartment Tank:	NO	***OvrfllProtection:***	Unknown
Manifold Tank:		***Leak Detection:***	
Main Tank:	NO	***Spill Protection:***	Unknown
Root Tank ID:		***Piping Constr:***	Single Wall Steel
Tank Cert No:		***Tank Constr:***	
Cert No:		***Piping System:***	Unknown
Installation Date:	1967/04/06 00:00:00	***FIPS County Desc:***	New Hanover
Perm Close Date:		***FR Amt:***	
Capacity:	560	***FR Desc:***	
Commercial:	0	***Last Update Date:***	1/26/2012 11:55:49
FR Bus Name:			
Other CP Tank:			
Other CP Name:			
Leak Detection Key:			
Overfill Protection Key:			
Piping Constr Key:			
Piping System Key:			
Product Key:			
Spill Protection Key:			
Tank Constr Key:			
Tank Status Key:	0		
Tank Constr Key Desc:			

Tank Info (UST Databases and Reports)

Tank ID:	1	***Regulated:***	1
Tank Status:	Temporarily Closed	***Product:***	Gasoline, Gas Mix
Compartment Tank:	NO	***OvrfllProtection:***	Unknown
Manifold Tank:		***Leak Detection:***	
Main Tank:	NO	***Spill Protection:***	Unknown
Root Tank ID:		***Piping Constr:***	Single Wall Steel
Tank Cert No:		***Tank Constr:***	
Cert No:		***Piping System:***	Unknown
Installation Date:	1967/04/06 00:00:00	***FIPS County Desc:***	New Hanover
Perm Close Date:		***FR Amt:***	
Capacity:	6000	***FR Desc:***	
Commercial:	0	***Last Update Date:***	1/26/2012 11:55:49
FR Bus Name:			
Other CP Tank:			
Other CP Name:			
Leak Detection Key:			
Overfill Protection Key:			
Piping Constr Key:			
Piping System Key:			
Product Key:			
Spill Protection Key:			
Tank Constr Key:			
Tank Status Key:	0		
Tank Constr Key Desc:			

Tank Info (UST Databases and Reports)

Tank ID:	3	***Regulated:***	1
Tank Status:	Temporarily Closed	***Product:***	Gasoline, Gas Mix
Compartment Tank:	NO	***OvrfllProtection:***	Unknown
Manifold Tank:		***Leak Detection:***	
Main Tank:	NO	***Spill Protection:***	Unknown
Root Tank ID:		***Piping Constr:***	Single Wall Steel
Tank Cert No:		***Tank Constr:***	
Cert No:		***Piping System:***	Unknown
Installation Date:	1974/04/04 00:00:00	***FIPS County Desc:***	New Hanover
Perm Close Date:		***FR Amt:***	
Capacity:	6000	***FR Desc:***	

Commercial: 0
FR Bus Name:
Other CP Tank:
Other CP Name:
Leak Detection Key:
Overfill Protection Key:
Piping Constr Key:
Piping System Key:
Product Key:
Spill Protection Key:
Tank Constr Key:
Tank Status Key: 0
Tank Constr Key Desc:
Last Update Date: 1/26/2012 11:55:49

Tank Info (UST Databases and Reports)

Tank ID: 2
Tank Status: Temporarily Closed
Compartment Tank: NO
Manifold Tank:
Main Tank: NO
Root Tank ID:
Tank Cert No:
Cert No:
Installation Date: 1967/04/06 00:00:00
Perm Close Date:
Capacity: 6000
Commercial: 0
FR Bus Name:
Other CP Tank:
Other CP Name:
Leak Detection Key:
Overfill Protection Key:
Piping Constr Key:
Piping System Key:
Product Key:
Spill Protection Key:
Tank Constr Key:
Tank Status Key: 0
Tank Constr Key Desc:
Regulated: 1
Product: Gasoline, Gas Mix
OvrfllProtection: Unknown
Leak Detection:
Spill Protection: Unknown
Piping Constr: Single Wall Steel
Tank Constr:
Piping System: Unknown
FIPS County Desc: New Hanover
FR Amt:
FR Desc:
Last Update Date: 1/26/2012 11:55:49

Tank Info (UST Databases and Reports)

Tank ID: 5
Tank Status: Temporarily Closed
Compartment Tank: NO
Manifold Tank:
Main Tank: NO
Root Tank ID:
Tank Cert No:
Cert No:
Installation Date: 1967/04/06 00:00:00
Perm Close Date:
Capacity: 560
Commercial: 0
FR Bus Name:
Other CP Tank:
Other CP Name:
Leak Detection Key:
Overfill Protection Key:
Piping Constr Key:
Piping System Key:
Product Key:
Spill Protection Key:
Tank Constr Key:
Tank Status Key: 0
Tank Constr Key Desc:
Regulated: 0
Product: Heating Oil/Fuel
OvrfllProtection: Unknown
Leak Detection:
Spill Protection: Unknown
Piping Constr: Single Wall Steel
Tank Constr:
Piping System: Unknown
FIPS County Desc: New Hanover
FR Amt:
FR Desc:
Last Update Date: 1/26/2012 11:55:49

Owner Information

Contact Key:	55293.00	***Phone:***	(918) 661-8867
Facility Key:	102603	***Affiliate Type:***	Owner
FIPS County Desc:	New Hanover	***End Date:***	

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13 and E1527-21, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

Formerly Utilized Sites Remedial Action Program: DOE FUSRAP

The U.S. Department of Energy (DOE) established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

Government Publication Date: Mar 4, 2017

National Priority List: NPL

Sites on the United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Nov 3, 2022

National Priority List - Proposed: PROPOSED NPL

Sites proposed by the United States Environmental Protection Agency (EPA), the state agency, or concerned citizens for addition to the National Priorities List (NPL) due to contamination by hazardous waste and identified by the EPA as a candidate for cleanup because it poses a risk to human health and/or the environment. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Nov 3, 2022

Deleted NPL: DELETED NPL

Sites deleted from the United States Environmental Protection Agency (EPA)'s National Priorities List. The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Nov 3, 2022

SEMS List 8R Active Site Inventory: SEMS

The U.S. Environmental Protection Agency's (EPA) Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. 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. This data includes SEMS sites from the List 8R Active file as well as applicable sites from the SEMS GIS/REST file layer obtained from EPA's Facility Registry Service.

Government Publication Date: Jan 25, 2023

SEMS List 8R Archive Sites: SEMS ARCHIVE

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) 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. This data includes sites from the List 8R Archived site file.

Government Publication Date: Jan 25, 2023

Inventory of Open Dumps, June 1985: ODI

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

Comprehensive Environmental Response, Compensation and Liability Information System - CERCLIS: CERCLIS

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

EPA Report on the Status of Open Dumps on Indian Lands: IODI

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

CERCLIS - No Further Remedial Action Planned: CERCLIS NFRAP

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. The Archive designation means that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Government Publication Date: Oct 25, 2013

CERCLIS Liens: CERCLIS LIENS

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA). This database was provided by the United States Environmental Protection Agency (EPA). Refer to SEMS LIEN as the current data source for Superfund Liens.

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action: RCRA CORRACTS

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Jan 23, 2023

RCRA non-CORRACTS TSD Facilities: RCRA TSD

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by RCRA.

Government Publication Date: Jan 23, 2023

RCRA Generator List: RCRA LQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Jan 23, 2023

RCRA Small Quantity Generators List: RCRA SQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

Government Publication Date: Jan 23, 2023

RCRA Very Small Quantity Generators List: RCRA VSQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Very Small Quantity Generators (VSQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

Government Publication Date: Jan 23, 2023

RCRA Non-Generators: RCRA NON GEN

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Jan 23, 2023

RCRA Sites with Controls: RCRA CONTROLS

List of Resource Conservation and Recovery Act (RCRA) facilities with institutional controls in place. RCRA gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances.

Government Publication Date: Jan 23, 2023

Federal Engineering Controls-ECs: FED ENG

This list of Engineering controls (ECs) is provided by the United States Environmental Protection Agency (EPA). ECs encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. The EC listing includes remedy component data from Superfund decision documents issued in fiscal years 1982-2020 for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Dec 22, 2022

Federal Institutional Controls- ICs: FED INST

This list of Institutional controls (ICs) is provided by the United States Environmental Protection Agency (EPA). ICs are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site. The IC listing includes remedy component data from Superfund decision documents issued in fiscal years 1982-2020 for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Dec 22, 2022

Land Use Control Information System: LUCIS

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

Government Publication Date: Sep 1, 2006

Institutional Control Boundaries at NPL sites: NPL IC

Boundaries of Institutional Control areas at sites on the United States Environmental Protection Agency (EPA)'s National Priorities List, or Proposed or Deleted, made available by the EPA's Shared Enterprise Geodata and Services (SEGS). United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. Institutional controls are non-engineered instruments such as administrative and legal controls that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy.

Government Publication Date: Nov 3, 2022

Emergency Response Notification System: ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System: ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System: ERNS

Database of oil and hazardous substances spill reports made available by the United States Coast Guard National Response Center (NRC). The NRC fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. These data contain initial incident data that has not been validated or investigated by a federal/state response agency.

Government Publication Date: Nov 6, 2022

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database: FED BROWNFIELDS

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This data is provided by the United States Environmental Protection Agency (EPA) and includes Brownfield sites from the Cleanups in My Community (CIMC) web application.

Government Publication Date: Sep 13, 2022

FEMA Underground Storage Tank Listing: FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: Dec 31, 2017

Facility Response Plan: FRP

List of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: Dec 31, 2021

Delisted Facility Response Plans: DELISTED FRP

Facilities that once appeared in - and have since been removed from - the list of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: Dec 31, 2021

Historical Gas Stations: HIST GAS STATIONS

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

Government Publication Date: Jul 1, 1930

Petroleum Refineries: REFN

List of petroleum refineries from the U.S. Energy Information Administration (EIA) Refinery Capacity Report. Includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U.S. possessions. Survey locations adjusted using public data.

Government Publication Date: Aug 30, 2022

Petroleum Product and Crude Oil Rail Terminals: BULK TERMINAL

List of petroleum product and crude oil rail terminals made available by the U.S. Energy Information Administration (EIA). Includes operable bulk petroleum product terminals located in the 50 States and the District of Columbia with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil that were active between 2017 and 2018. Petroleum product terminals comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings. Survey locations adjusted using public data.

Government Publication Date: Jun 29, 2022

LIEN on Property: SEMS LIEN

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) provides Lien details on applicable properties, such as the Superfund lien on property activity, the lien property information, and the parties associated with the lien.

Government Publication Date: Jan 25, 2023

Superfund Decision Documents: SUPERFUND ROD

This database contains a list of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include completed Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD) for active and archived sites stored in the Superfund Enterprise Management System (SEMS), along with other associated memos and files. This information is maintained and made available by the U.S. Environmental Protection Agency.

Government Publication Date: Dec 22, 2022

State

Inactive Hazardous Sites and Federal Remediation Branch Sites: SHWS

Sites on the Inactive Hazardous Sites Inventory and Federal Remediation Branch sites made available by the Division of Waste Management in the North Carolina Department of Environmental Quality (DEQ). "Inactive Hazardous Sites" by definition are any areas where a hazardous substance release has come to be located and would include active and inactive facilities and a variety of property types. The term "inactive" refers to the fact that cleanup was inactive at large numbers of sites at the time of program enactment. The Federal Remediation Branch works cooperatively with the US Environmental Protection Agency (EPA) to implement the federal Superfund program under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) as amended.

Government Publication Date: Jan 31, 2023

State Trust Funds Database: LUST TRUST

The Trust Fund Branch administers the Leaking Petroleum Underground Storage Tank Cleanup Funds and Environmental Protection Agency (EPA) grants. The Underground Storage Tank (UST) funds provide reimbursement for costs incurred during the cleanup of soil and groundwater contamination resulting from a release of petroleum from an underground storage tank. Two funds, the Commercial Trust Fund and the Non-Commercial Trust Fund, have been established to reimburse tank owners, operators, and landowners for costs associated with cleanups. This was made available by the Division of Waste Management in the Department of Environmental Quality (DEQ).

Government Publication Date: Feb 17, 2023

Delisted Inactive Hazardous Sites Inventory: DELISTED SHWS

This list is comprised of sites that were once included in the inventory of Inactive Hazardous Sites, but have been removed from the Division of Waste Management in the North Carolina Department of Environmental Quality (DEQ). This database is state equivalent CERCLIS.

Government Publication Date: Jan 31, 2023

Solid Waste Facilities and Landfills: SWF/LF

List of permitted solid waste facilities, landfills, and septage waste sites made available by the Division of Waste Management in the North Carolina Department of Environmental Quality (DEQ).

Government Publication Date: Mar 28, 2022

Old Landfill Inventory: OLD LF

The Old Landfill Inventory, made available by the Division of Waste Management in the North Carolina Department of Environment and Natural Resources (NCDENR), lists locations of non-permitted landfills that were closed prior to January 1, 1983 when waste disposal permitting regulations commenced. Legislation in 2007 (SB1492) resulted in adding new provisions to the Inactive Hazardous Sites Response Act for addressing these landfills. The Old Landfill Inventory is managed by the Pre-Regulatory Landfill Unit within the Inactive Hazardous Sites Branch.

Government Publication Date: Dec 8, 2022

Coal Ash Disposal Sites: COAL ASH LF

The Department of Environmental Quality (DEQ) Division of Waste Management's Solid Waste Program regulates coal combustion residuals (CCR) from coal-fired electric power plants that are disposed of on land in accordance with North Carolina General Statute 130a, which includes the Coal Ash Management Act of 2014 (SL 2014-122 on August 20, 2014). CCRs primarily consist of coal bottom and fly ash, and flue gas desulfurization residuals.

Government Publication Date: Aug 4, 2021

Hazard Substance Disposal Sites: HSDS

A list of Hazard Substance Disposal Sites that are maintained by North Carolina Center for Geographic Information and Analysis. This list monitors the locations of unregulated and uncontrolled hazard waste sites. This list is the state equivalent of National Priority List (NPL).

Government Publication Date: Jan 1, 1999

Incident Management Database (Regional Underground Storage Tanks): LUST

List of sites where there has been a release of petroleum to the soil and/or groundwater, from an Underground Storage Tank (UST) system. Data is extracted from the Regional Underground Storage Tank (RUST) database made available by the Division of Waste Management in the North Carolina Department of Environmental Quality (DEQ).

Government Publication Date: Feb 15, 2023

Aboveground Incident Management Database (Regional Aboveground Storage Tanks): LAST

This list of sites where there has been a discharge of petroleum to the soil and/or groundwater, from a source other than an Underground Storage Tank (UST) system (i.e., Aboveground Storage Tank (AST) system, spills, dumping, etc.) is provided by The Division of Waste Management (DWM) in the North Carolina Department of Environmental Quality (DEQ). The data is compiled from the DEQ's Aboveground Incident Management Database (Regional Aboveground Storage Tanks), Online GIS Data Set, and DWM's Site Locator Map Tool.

Government Publication Date: Jan 6, 2023

Delisted Leaking Storage Tanks: DELISTED LST

List of leaking storage tank sites which were once included, but have since been removed from the Incident Management Databases made available by the North Carolina Department of Environmental Quality (DEQ)'s Division of Waste Management.

Government Publication Date: Feb 15, 2023

Registered Tanks Database: UST

List of registered underground storage tanks made available by the Division of Waste Management in North Carolina's Department of Environmental Quality (DEQ).

Government Publication Date: Jan 11, 2023

Aboveground Storage Tanks: AST

A listing of registered Aboveground Storage Tank sites made available by the North Carolina Department of Environmental Quality (DEQ). Note that aboveground storage tanks are only required to be registered with NC DEQ if they meet the definition of an Oil Terminal Facility.

Government Publication Date: Mar 7, 2023

Petroleum Storage Tanks: TANK

A list of petroleum storage tanks made available by the Division of Waste Management in the North Carolina Department of Environmental Quality (DEQ).

Government Publication Date: Jan 11, 2023

Delisted Storage Tanks: DTNK

List of sites which were once included, but have since been removed from the Underground or Aboveground Storage Tank databases made available by the Division of Waste Management in the North Carolina Department of Environmental Quality (DEQ).

Government Publication Date: Mar 7, 2023

Petroleum Contaminated Soil Remediation Permits: SOIL REM PERMITS

A list of sites that have received a permit or Certificate of Approval from the North Carolina Underground Storage Tank Section, under the Petroleum Contaminated Soil Remediation Permit Program. This list is made available by the North Carolina Department of Environmental Quality (NCDEQ), Division of Waste Management (DWM).

Government Publication Date: Aug 9, 2022

No Further Action Sites with Land Use Restrictions Monitoring: INST

This list of No Further Action Sites with Land Use Restrictions recorded as part of the remedy, originates from the North Carolina Department of Environmental Quality (DEQ), Division of Waste Management's Inactive hazardous Sites data.

Government Publication Date: Jan 31, 2023

Land Use Restriction and/or Notices: LUR

Locations of sites or projects managed by the NCDEQ, Division of Waste Management (DWM) having a Notice and/or Land Use Restrictions recorded at a local register of deeds office. The location data is a combined collection from eight (8) sections or programs operating within the DWM. The Notice and/or Land Use Restrictions are allowed based on the following North Carolina General Statutes: Notice of Open Dump; G.S. §130A-301(f); Notice of Inactive Hazardous Substance or Waste Disposal Site; G.S. §130A-310.8; Notice of Brownfields Property; G.S. §130A-310.35; Notice of Oil or Hazardous Substance Discharge Site; G.S. §143-215.85A; Notice of Dry-Cleaning Solvent Remediation; G.S. §143-215.104M; Notice of Contaminated Site; G.S. §143B-279.10; Notice of Residual Petroleum; G.S. §143B-279.11; Notice of Residual Contamination; G.S. §130A-310.71(e).

Government Publication Date: May 4, 2022

Fuel Service Stations: FUEL STATIONS

List of active fuel service stations made available by the North Carolina Department of Agriculture & Consumer Services (NCDA&CS). The NCDA&CS have responsibilities in regulatory and service areas covering agronomy including weights and measures and gas and oil inspection.

Government Publication Date: Aug 29, 2022

Delisted Fuel Service Stations: DELISTED FSS

A list of Fuel Service Stations that has been delisted from the active fuel service stations list which is made available by the North Carolina Department of Agriculture & Consumer Services (NCDA&CS).

Government Publication Date: Jun 3, 2021

Responsible Party Voluntary Action Sites: VCP

List of Responsible Party Voluntary Action Sites administered by the Inactive Hazardous Sites Branch of the Superfund Section of the North Carolina Department of Environmental Quality (DEQ). This site listing originates from the DEQ's Inactive Hazardous Sites data.

Government Publication Date: Jan 31, 2023

Brownfields Projects Inventory: BROWNFIELDS

A "brownfields site" is an abandoned, idled or underused property where the threat of environmental contamination has hindered redevelopment. The North Carolina Brownfields Program, which is administered by the Division of Waste Management in the North Carolina Department of Environmental Quality (DEQ), is the state's effort to break this barrier to the redevelopment of these sites.

Government Publication Date: Oct 5, 2022

Tribal

Leaking Underground Storage Tanks on Tribal/Indian Lands: INDIAN LUST

This list of leaking underground storage tanks (LUSTs) on Tribal/Indian Lands in Region 4, which includes North Carolina, is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Nov 23, 2022

Underground Storage Tanks on Tribal/Indian Lands: INDIAN UST

This list of underground storage tanks (USTs) on Tribal/Indian Lands in Region 4, which includes North Carolina, is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Nov 23, 2022

Delisted Tribal Leaking Storage Tanks: DELISTED INDIAN LST

Leaking Underground Storage Tank (LUST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian LUST lists made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Nov 23, 2022

Delisted Tribal Underground Storage Tanks: DELISTED INDIAN UST

Underground Storage Tank (UST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian UST lists made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Nov 23, 2022

County

No County standard environmental record sources available for this State.

Additional Environmental Record Sources

Federal

Facility Registry Service/Facility Index: FINDS/FRS

The Facility Registry Service (FRS) is a centrally managed database that identifies facilities, sites, or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, and data collected from EPA's Central Data Exchange registrations and data management personnel. This list is made available by the Environmental Protection Agency (US EPA).

Government Publication Date: Aug 18, 2022

Toxics Release Inventory (TRI) Program: TRIS

The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U. S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

Government Publication Date: Aug 24, 2021

PFOA/PFOS Contaminated Sites: PFAS NPL

List of National Priorities List (NPL) and related Superfund Alternative Agreement (SAA) sites where PFOA or PFOS contaminants have been found in water and/or soil. The site listing is provided by the Federal Environmental Protection Agency (EPA).

Government Publication Date: Dec 28, 2022

Federal Agency Locations with Known or Suspected PFAS Detections: PFAS FED SITES

List of Federal agency locations with known or suspected detections of Per- and Polyfluoroalkyl Substances (PFAS), made available by the U.S. Environmental Protection Agency (EPA) in their PFAS Analytic Tools data. EPA outlines that these data are gathered from several federal entities, such as the Federal Superfund program, Department of Defense (DOD), National Aeronautics and Space Administration, Department of Transportation, and Department of Energy. Sites on this list do not necessarily reflect the source/s of contamination and detections do not indicate level of risk or human exposure at the site. Agricultural notifications in this data are limited to DOD sites only. At this time, the EPA is aware that this list is not comprehensive of all Federal agencies.

Government Publication Date: Jun 30, 2022

SSEHRI PFAS Contamination Sites: PFAS SSEHRI

This PFAS Contamination Site Tracker database is compiled by the Social Science Environmental Health Research Institute (SSEHRI) at Northeastern University. According to the SSEHRI, the database records qualitative and quantitative data from each known site of PFAS contamination, including timeline of discovery, sources, levels, health impacts, community response, and government response. The goal of this database is to compile information and support public understanding of the rapidly unfolding issue of PFAS contamination. All data presented was extracted from government websites, news articles, or publicly available documents, and this is cited in the tracker. Disclaimer: The source conveys this database undergoes regular updates as new information becomes available, some sites may be missing and/or contain information that is incorrect or outdated, as well as their information represents all contamination sites SSEHRI is aware of, not all possible contamination sites. This data is not intended to be used for legal purposes. Limited location details are available with this data. Access the following for the most current informations https://pfasproject.com/pfas-contamination-site-tr acker/

Government Publication Date: Dec 12, 2019

National Response Center PFAS Spills: ERNS PFAS

National Response Center (NRC) calls from 1990 to the most recent complete calendar year where there is indication of Aqueous Film Forming Foam (AFFF) usage. NRC calls may reference AFFF usage in the "Material Involved" or "Incident Description" fields. Data made available by the US Environmental Protection Agency (EPA). Disclaimer: dataset may include initial or misidentified incident data not yet validated or investigated by a federal/state response agency.

Government Publication Date: Feb 23, 2022

PFAS NPDES Discharge Monitoring: PFAS NPDES

This list of National Pollutant Discharge Elimination System (NPDES) permitted facilities with required monitoring for Per- and Polyfluoroalkyl (PFAS) Substances is made available via the U.S. Environmental Protection Agency (EPA)'s PFAS Analytic Tools. Any point-source wastewater discharger to waters of the United States must have a NPDES permit, which defines a set of parameters for pollutants and monitoring to ensure that the discharge does not degrade water quality or impair human health. This list includes NPDES permitted facilities associated with permits that monitor for Per- and Polyfluoroalkyl Substances (PFAS), limited to the years 2007 - present. EPA further advises the following regarding these data: currently, fewer than half of states have required PFAS monitoring for at least one of their permittees, and fewer states have established PFAS effluent limits for permittees. For states that may have required monitoring, some reporting and data transfer issues may exist on a state-by-state basis.

Government Publication Date: Feb 19, 2023

Perfluorinated Alkyl Substances (PFAS) from Toxic Release Inventory: PFAS TRI

List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a Per- or polyfluorinated alkyl substance (PFAS) included in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances. The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment.

Government Publication Date: Aug 24, 2021

Perfluorinated Alkyl Substances (PFAS) Water Quality: PFAS WATER

The Water Quality Portal (WQP) is a cooperative service sponsored by the United States Geological Survey (USGS), the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC). This listing includes records from the Water Quality Portal where the characteristic (environmental measurement) is in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances.

Government Publication Date: Jul 20, 2020

PFAS TSCA Manufacture and Import Facilities: PFAS TSCA

The US Environmental Protection Agency (EPA) issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) requiring facilities that manufacture or import chemical substances to report to EPA. This list is specific to TSCA Manufacture and Import Facilities with reported per- and poly-fluoroalkyl substances (PFAS). Data file made available by the EPA and includes CDR/Inventory Update Reporting data from 1998 up to 2020. EPA makes notes the following about these data: this data file includes production and importation data for chemicals identified in EPA's CompTox Chemicals Dashboard list of PFAS without explicit structures and list of PFAS structures in DSSTox. Note that some regulations have specific chemical structure requirements that define PFAS differently than the lists in EPA's CompTox Chemicals Dashboard. Reporting information on manufactured or imported chemical substance amounts should not be compared between facilities, as some companies claim Chemical Data Reporting Rule data fields for PFAS information as Confidential Business Information.

Government Publication Date: Jun 20, 2022

Hazardous Materials Information Reporting System: HMIRS

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

Government Publication Date: Sep 1, 2020

National Clandestine Drug Labs: NCDL

The U.S. Department of Justice ("the Department"), Drug Enforcement Administration (DEA), provides this data as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy.

Government Publication Date: Aug 30, 2022

Toxic Substances Control Act: TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).

Government Publication Date: Apr 11, 2019

Hist TSCA: HIST TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing: FTTS ADMIN

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing: FTTS INSP

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List: PRP

Early in the site cleanup process, the U.S. Environmental Protection Agency (EPA) conducts a search to find the Potentially Responsible Parties (PRPs). The EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site. This listing contains PRPs, Noticed Parties, at sites in the EPA's Superfund Enterprise Management System (SEMS).

Government Publication Date: Jan 25, 2023

State Coalition for Remediation of Drycleaners Listing: SCRD DRYCLEANER

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin. Since 2017, the SCRD no longer maintains this data, refer to applicable state source data where available.

Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS): ICIS

The U.S. Environmental Protection Agency's Enforcement and Compliance History Online system incorporates data from the Integrated Compliance Information System - National Pollutant Discharge Elimination System (ICIS-NPDES). ICIS-NPDES is an information management system maintained by the Office of Compliance to track permit compliance and enforcement status of facilities regulated by the NPDES under the Clean Water Act. This data includes permit, inspection, violation and enforcement action information for applicable ICIS records.

Government Publication Date: Oct 15, 2022

Drycleaner Facilities: FED DRYCLEANERS

A list of drycleaner facilities from Enforcement and Compliance History Online (ECHO) data as made available by the U.S. Environmental Protection Agency (EPA), sourced from the ECHO Exporter file. The EPA tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

Government Publication Date: Dec 11, 2022

Delisted Drycleaner Facilities: DELISTED FED DRY

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

Government Publication Date: Dec 11, 2022

Formerly Used Defense Sites: FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DOD) is responsible for an environmental restoration. The FUDS Annual Report to Congress (ARC) is published by the U.S. Army Corps of Engineers (USACE). This data is compiled from the USACE's Geospatial FUDS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) FUDS dataset.

Government Publication Date: Jul 12, 2022

Former Military Nike Missile Sites: FORMER NIKE

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites. During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

Government Publication Date: Dec 2, 1984

PHMSA Pipeline Safety Flagged Incidents: PIPELINE INCIDENT

A list of flagged pipeline incidents made available by the U.S. Department of Transportation (US DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA). PHMSA regulations require incident and accident reports for five different pipeline system types.

Government Publication Date: Mar 31, 2021

Material Licensing Tracking System (MLTS): MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

Government Publication Date: May 11, 2021

Historic Material Licensing Tracking System (MLTS) sites: HIST MLTS

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

Government Publication Date: Jan 31, 2010

Mines Master Index File: MINES

The Master Index File (MIF) is provided by the United State Department of Labor, Mine Safety and Health Administration (MSHA). This file, which was originally created in the 1970's, contained many Mine-IDs that were invalid. MSHA removes invalid IDs from the MIF upon discovery. MSHA applicable data includes the following: all Coal and Metal/Non-Metal mines under MSHA's jurisdiction since 1/1/1970; mine addresses for all mines in the database except for Abandoned mines prior to 1998 from MSHA's legacy system (addresses may or may not correspond with the physical location of the mine itself); violations that have been assessed penalties as a result of MSHA inspections beginning on 1/1/2000; and violations issued as a result of MSHA inspections conducted beginning on 1/1/2000.

Government Publication Date: Nov 7, 2022

Surface Mining Control and Reclamation Act Sites: SMCRA

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

Government Publication Date: Aug 18, 2022

Mineral Resource Data System: MRDS

The Mineral Resource Data System (MRDS) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS. The USGS has ceased systematic updates of the MRDS database with their focus more recently on deposits of critical minerals while providing a well-documented baseline of historical mine locations from USGS topographic maps.

Government Publication Date: Mar 15, 2016

DOE Legacy Management Sites: LM SITES

The U.S. Department of Energy (DOE) Office of Legacy Management (LM) currently manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The LM manages sites with diverse regulatory drivers (statutes or programs that direct cleanup and management requirements at DOE sites) or as part of internal DOE or congressionally-recognized programs, such as but not limited to: Formerly Utilized Sites Remedial Action Program (FUSRAP), Uranium Mill Tailings Radiation Control Act (UMTRCA Title I, Tile II), Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Resource Conservation and Recovery Act (RCRA), Decontamination and Decommissioning (D&D), Nuclear Waste Policy Act (NWPA). This site listing includes data exported from the DOE Office of LM's Geospatial Environmental Mapping System (GEMS). GEMS Data disclaimer: The DOE Office of LM makes no representation or warranty, expressed or implied, regarding the use, accuracy, availability, or completeness of the data presented herein.

Government Publication Date: Dec 1, 2022

Alternative Fueling Stations: ALT FUELS

This list of alternative fueling stations is sourced from the Alternative Fuels Data Center (AFDC). The U.S. Department of Energy's Office of Energy Efficiency & Renewable Energy launched the AFDC in 1991 as a repository for alternative fuel vehicle performance data, which provides a wealth of information and data on alternative and renewable fuels, advanced vehicles, fuel-saving strategies, and emerging transportation technologies. The data includes Biodiesel (B20 and above), Compressed Natural Gas (CNG), Electric, Ethanol (E85), Hydrogen, Liquefied Natural Gas (LNG), Propane (LPG) fuel type locations.

Government Publication Date: Jan 3, 2023

Superfunds Consent Decrees: CONSENT DECREES

This list of Superfund consent decrees is provided by the Department of Justice, Environment & Natural Resources Division (ENRD) through a Freedom of Information Act (FOIA) applicable file. This listing includes Consent Decrees for CERCLA or Superfund Sites filed and/or as proposed within the ENRD's Case Management System (CMS) since 2010. CMS may not reflect the latest developments in a case nor can the agency guarantee the accuracy of the data. ENRD Disclaimer: Congress excluded three discrete categories of law enforcement and national security records from the requirements of the FOIA; response is limited to those records that are subject to the requirements of the FOIA; however, this should not be taken as an indication that excluded records do, or do not, exist.

Government Publication Date: Jan 11, 2023

Air Facility System: AFS

This EPA retired Air Facility System (AFS) dataset contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners. AFS does not contain data on facilities that are solely asbestos demolition and/or renovation contractors, or landfills. ECHO Clean Air Act data from AFS are frozen and reflect data as of October 17, 2014; the EPA retired this system for Clean Air Act stationary sources and transitioned to ICIS-Air.

Government Publication Date: Oct 17, 2014

Registered Pesticide Establishments: SSTS

List of active EPA-registered foreign and domestic pesticide-producing and device-producing establishments based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that facilities producing pesticides, active ingredients, or devices be registered. The list of establishments is made available by the EPA.

Government Publication Date: Mar 30, 2022

Polychlorinated Biphenyl (PCB) Transformers: PCBT

Locations of Transformers Containing Polychlorinated Biphenyls (PCBs) registered with the United States Environmental Protection Agency. PCB transformer owners must register their transformer(s) with EPA. Although not required, PCB transformer owners who have removed and properly disposed of a registered PCB transformer may notify EPA to have their PCB transformer de-registered. Data made available by EPA.
Government Publication Date: Oct 15, 2019

Polychlorinated Biphenyl (PCB) Notifiers: PCB
Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.
Government Publication Date: Nov 3, 2022

State

Dry Cleaning Contamination and Solvent Cleanup Act (DSCA) Program: DRYC DSCA
List of Dry Cleaning sites known to the Division of Waste Management in the Department of Environmental Quality (DEQ), including: sites that have been certified into the Dry-Cleaning Solvent Cleanup Act Program (DSCA) Program; sites that are being investigated by the DSCA Program for dry-cleaning solvent contamination; sites that have been investigated and determined not to have been contaminated by dry-cleaning solvent contamination. Made available by the North Carolina Department of Environmental Quality.
Government Publication Date: Dec 16, 2021

Drycleaning Historical Boiler Inspections: DRYC HIST BOILER
North Carolina Department of Labor drycleaner boiler inspections between the years of 1970 and 2005. Made available by the North Carolina Department of Environmental Quality in their Online GIS, for visual reference of possible historical dry-cleaning activity.
Government Publication Date: Dec 6, 2021

Drycleaning City Directories: DRYC CITY DIR
Names and address of dry-cleaning businesses collected from historical city directories, made available by the North Carolina Department of Environmental Quality.
Government Publication Date: Dec 6, 2021

Dry Cleaning Facilities: DRYCLEANERS
A list of dry cleaners made available by the North Carolina Department of Environmental Quality (DEQ), Division of Waste Management. This listing includes active and inactive facilities that are subject to compliance inspections and also closed facilities that are no longer subject to compliance inspections.
Government Publication Date: Apr 27, 2022

Delisted Dry Cleaning Facilities: DELISTED DRYCLEANERS
List of dry cleaner locations which were once included, but no longer appear on, the list of dry cleaner locations made available by the Division of the Waste Management of North Carolina Department of Environmental Quality (DEQ).
Government Publication Date: Apr 27, 2022

Incident Management Database (Spills): SPILLS
The Incident Management Database (IMD) tracks spills, hazardous material releases, sanitary sewer overflows and wastewater treatment plant bypasses. This database is managed by the Pretreatment, Emergency Response and Collection Systems (PERCS) unit of the Department of Environmental Quality (DEQ).
Government Publication Date: Oct 28, 2021

Manufactured Gas Plant (MGP) Sites: MGP
A list of Manufactured Gas Plant (MGP) sites participating in the MGP Assessment and Remediation Program as described in the Administrative Order on Consent 00-SF-192. This list is made available by the North Carolina Environmental Quality (NCDEQ) Division of Waste Management.
Government Publication Date: Dec 12, 2019

Per- and Polyfluoroalkyl Substances (PFAS): PFAS
A list of sites where Per- and Polyfluoroalkyl Substances (PFAS) has been identified, made available by the North Carolina Department of Environment Quality.
Government Publication Date: Aug 27, 2020

Recycling Markets Directory: SWRCY

List of recycling facilities made available by the Division of Environmental Assistance and Customer Service (DEACS) of the NC Department of Environmental Quality. Information is based on data supplied by the listed organizations to DEACS. DEACS is a non-regulatory state agency, does not regularly inspect facilities, and does not represent that the companies are, or are not, in compliance with applicable federal, state and local laws.

Government Publication Date: Feb 28, 2023

Hazardous Waste Sites: HAZ

A list of sites within North Carolina that are regulated by the hazardous waste portions of the Resource Conservation and Recovery Act (RCRA). This list is provided by the North Carolina Department of Environmental Quality (NC DEQ), Division of Waste Management.

Government Publication Date: Aug 9, 2022

Permitted Septage Sites: SDTF

List of active and permitted Septage Detention and Treatment Facility (SDTF) sites in North Carolina, made available by the North Carolina Department of Environmental Quality.

Government Publication Date: Sep 21, 2018

Tier 2 Report: TIER 2

A list of Tier 2 facilities in North Carolina. This list is made available by the North Carolina Department of Environmental Quality (NC DEQ).

Government Publication Date: Oct 30, 2020

Underground Injection Control Wells: UIC

This list of Underground Injection Control Wells is made available by the North Carolina Department of Environment and Natural Resources.

Government Publication Date: Oct 26, 2020

Air Permitted Facilities: AIR PERMIT

This list of facilities with air quality permits is made available by the Air Quality Division of the North Carolina Department of Environment and Natural Resources.

Government Publication Date: Jul 21, 2020

Animal Feeding Operation Permits: FEEDLOTS

This list of animal feeding operation permits is made available by the Water Quality Division of the North Carolina Department of Environment and Natural Resources.

Government Publication Date: Oct 26, 2022

Tribal

No Tribal additional environmental record sources available for this State.

County

No County additional environmental record sources available for this State.

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

UTTS ENVIRONMENTAL

CORPORATE HEADQUARTERS:
P.O. BOX 8148
400 NORTH GREENE ST.
GREENVILLE, NC 27835-8148
919-758-0001
FAX 919-758-9652

RECEIVED
AUG 23 1995

August 21, 1995

Mr. Charlie Stehman
Wilmington Regional Office
NC DEHNR-Groundwater Section
127 Cardinal Drive Extension
Wilmington, N.C. 28405

RE: **Initial Abatement Measures, Site Check & Characterization**
Wilmington Housing Authority-Houston Moore Terrace
1401 South Thirteenth Street
Wilmington, New Hanover County, N.C.

Dear Mr. Stehman:

UTTS/Environmental (UTTS/E) has been contracted by Wilmington Housing Authority to perform environmental investigations at the subject site in response to an anticipated Notice of Regulatory Requirements (NORR) issued from the Wilmington Regional Office of the NC DEHNR.

INTRODUCTION

The above referenced location (Appendix A & B) was the site of the closure by removal of three (3) Underground Storage Tanks (USTs). The tank removal was conducted by THH Services, Ltd. of Greenville, N.C. on July 20, 1994. The tank closure report was prepared and submitted by UTTS/E of Greenville, NC (September 15, 1994).

As indicated, below are the sizes and contents of the three USTs closed by removal as reported by UTTS/E.

Number of USTs	Size of UST	Former Contents
1	8,000 Gallon	#5 Fuel Oil
2	8,000 Gallon	#5 Fuel Oil
3	10,000 Gallon	#5 Fuel Oil

REGIONAL OFFICE

P.O. BOX 2102
MYRTLE BEACH, SC 29578
803-448-0000

During the UST removals, eight (8) soil samples were collected from beneath the USTs at the subject site. Ground water was not encountered in the UST pit during closure. Free phase petroleum product was not identified at the time of UST removal.

Based on laboratory analytical results, Wilmington Housing Authority will be issued a Notice of Regulatory Requirements, thereby requiring the assessment of the impact/impairment due to petroleum contamination at the subject site. UTTS/E was contracted to perform the Site Characterization Report at the subject site (Appendix A & B).

POTENTIAL SOURCES

Wilmington Housing Authority has performed an environmental site assessment for the closure of three USTs of various sizes and contents on July 20, 1994. All former USTs at the subject site were taken out of service by removal. Only soil contamination was identified at the subject site.

No other current potential sources were identified in the immediate area.

POPULATION

The population of Wilmington is approximately 60,000 people according to the Wilmington Chamber of Commerce using estimates from 1991.

CLIMATE

The climate of Wilmington is mild with a mean annual temperature of 63.3 degrees Fahrenheit, and receives on average 53.54 inches of rain annually.

UTILITIES AND WATER SUPPLY WELLS

The subject site is located on 1401 South Thirteenth Street in Wilmington, New Hanover Co., N.C. (Appendix A & B).

The City water main runs within South 13th Street where the service lines run to the various buildings on site (Appendix C).

The City sanitary sewer main runs down the center of South 15th Street where the service lines run to the various buildings on site (Appendix C).

The North Carolina Natural Gas (NCNG) main runs along S. 13th Street where the service lines run to the various buildings on site (Appendix C).

The City of Wilmington supplies the immediate vicinity of the subject site with water. The city utilizes the Cape Fear River for its water supply.

ABATEMENT MEASURES TO DATE

The underground storage tanks in question have been removed and properly disposed. At the time of UST removal no free phase product was identified.

LAND USAGE

The subject site is utilized as a public housing complex. All of the surrounding area is used for residential/retail purposes.

CONCLUSIONS AND RECOMMENDATIONS

UTTS/E has performed an initial abatement measures, initial site check, and initial site characterization investigation at the subject site. UTTS/E is currently conducting a Comprehensive Site Assessment (CSA) at the subject site to determine the extent of soil and ground water contamination.

LIMITATIONS

The purpose of this report was to assess the existing and potential environmental concerns and liabilities associated with the discharge/leakage from an underground storage. Should any additional data become available, the data should be reviewed by UTTS/E and UTTS/E will determine if the findings should be modified.

UTTS/E is pleased to submit this report on behalf of Wilmington Housing Authority. If you have any questions or require additional information, please contact our office at your earliest convenience.

Sincerely,

Brian E. Gray

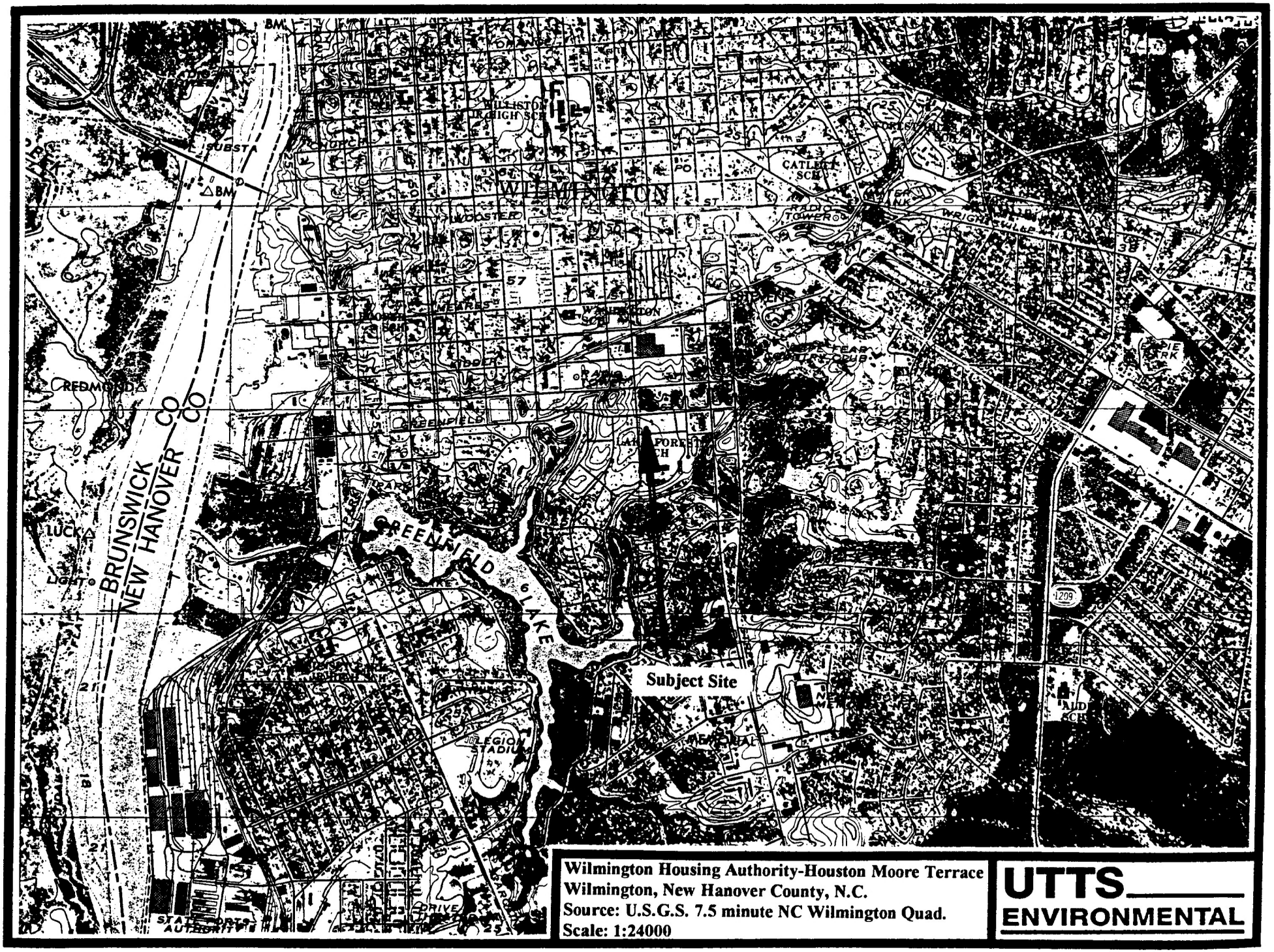
Brian E. Gray, P.G.
President, UTTS/Environmental



cc: Wilmington Housing Authority

APPENDIX A

VICINITY MAP

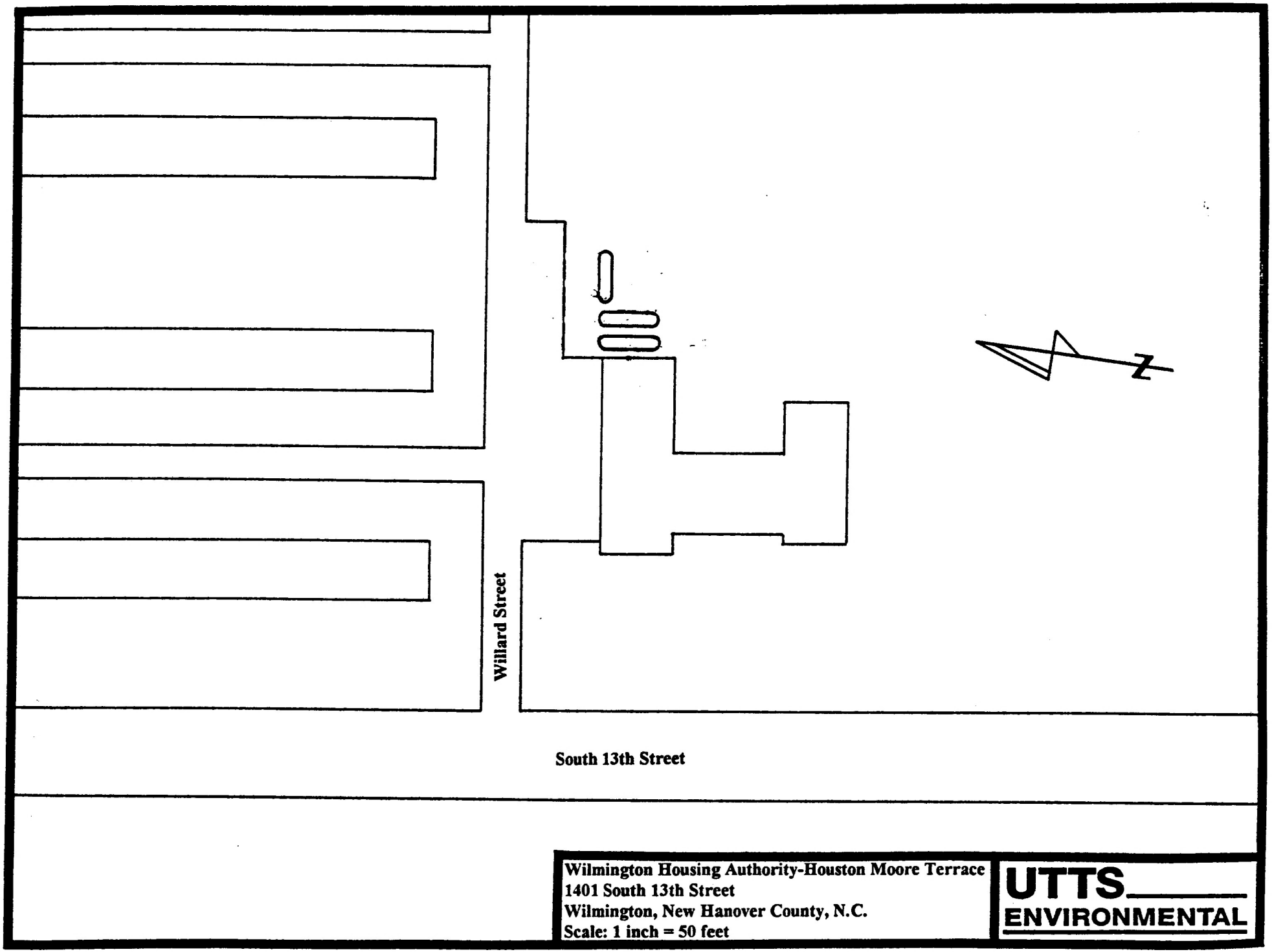


Wilmington Housing Authority-Houston Moore Terrace
Wilmington, New Hanover County, N.C.
Source: U.S.G.S. 7.5 minute NC Wilmington Quad.
Scale: 1:24000

UTTS ENVIRONMENTAL

APPENDIX B

SITE MAP



Wilmington Housing Authority-Houston Moore Terrace
1401 South 13th Street
Wilmington, New Hanover County, N.C.
Scale: 1 inch = 50 feet

UTTS
ENVIRONMENTAL

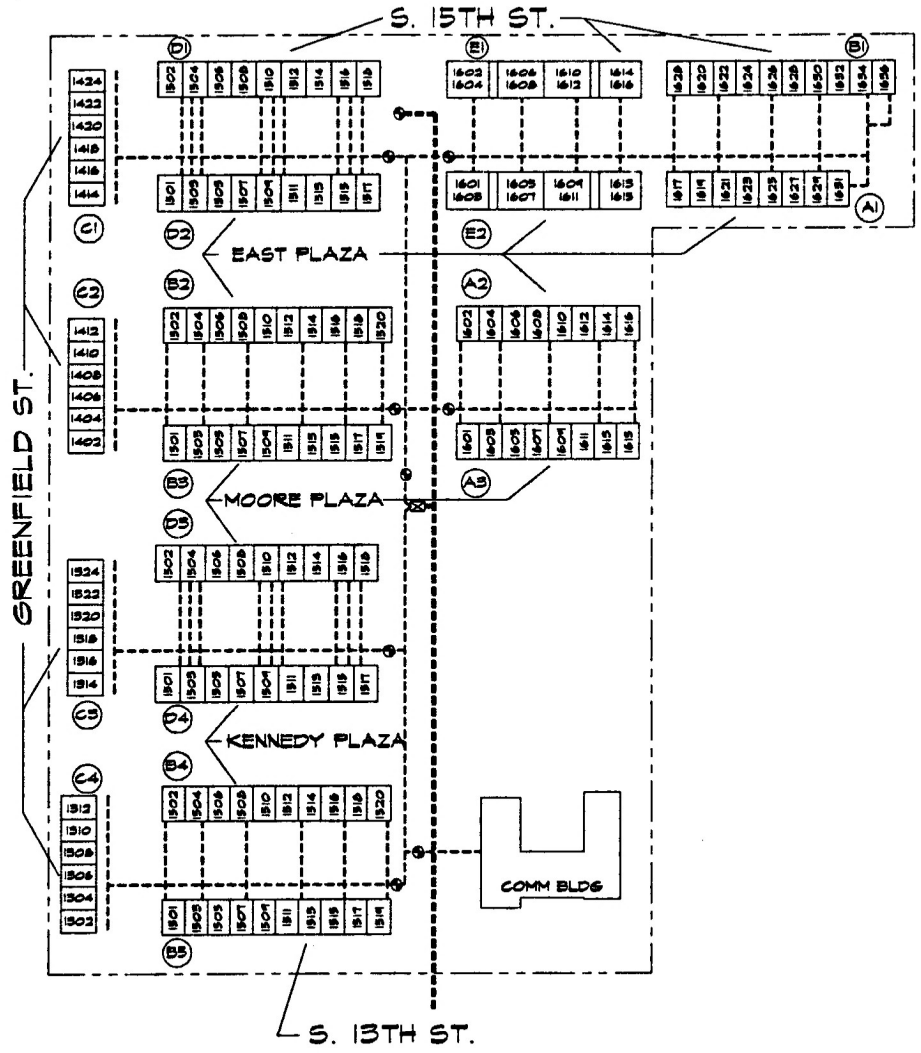
APPENDIX C

UTILITY MAPS

REVISIONS			
NO	REMARKS	DATE	BY

Legend

- Gate Shut-Off Valve
- Water Meter
- City Water Main
- Water Line



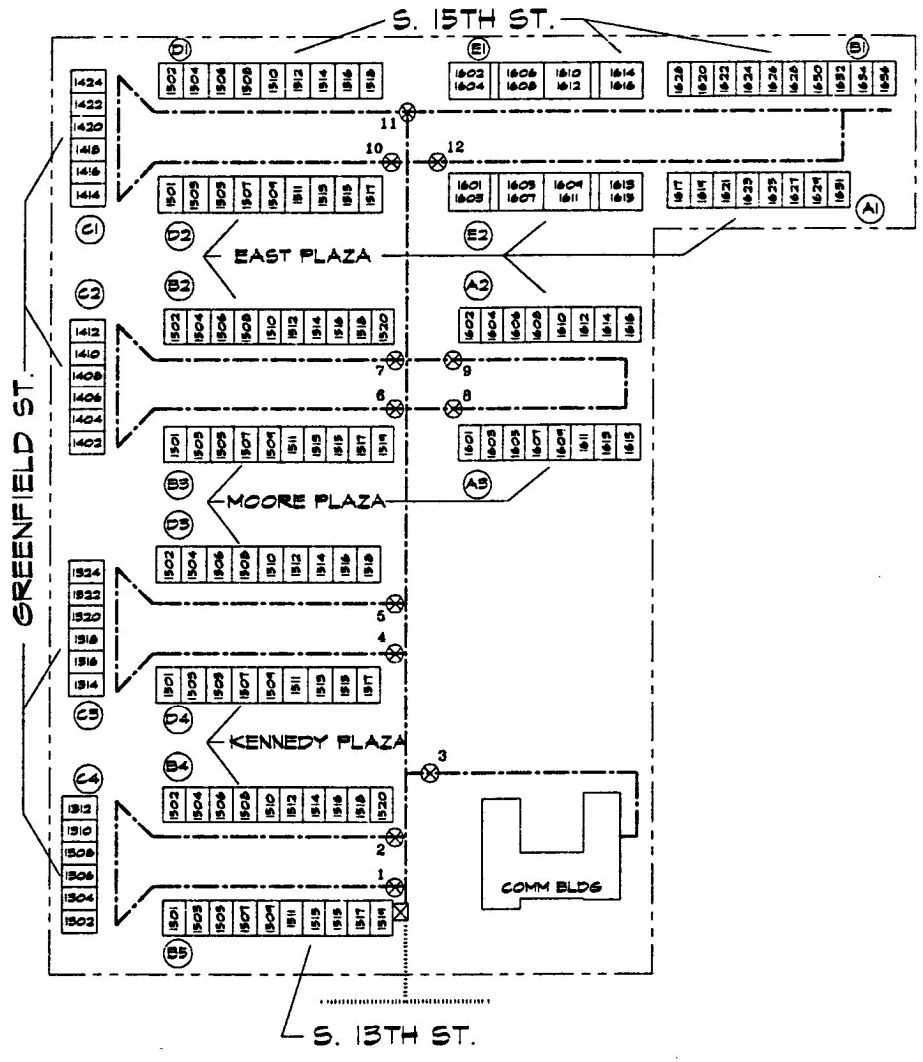
WILMINGTON HOUSING AUTHORITY
OPERATIONS DEPT. WILMINGTON, NC

DWG. TITLE:	WATER DISTRIBUTION SYSTEM		
DRAWN BY:	D. FREEMAN	1"=150'	SHEET 1 OF 1
	HOUSTON MOORE TERRACE NC14	DATE	11/94
CHECK:	R. BROWN	DWG NO.	NC14.DWG

REVISIONS			
NO	REMARKS	DATE	BY

Legend

- ● Master Gas Valve
- ⊠ Gas Meter
- ⊗ Gas Isolation Valve
- ⊖ Gas Block Valve
- ⋮ NCNG Gas Line
- | W.H.A. Gas Line



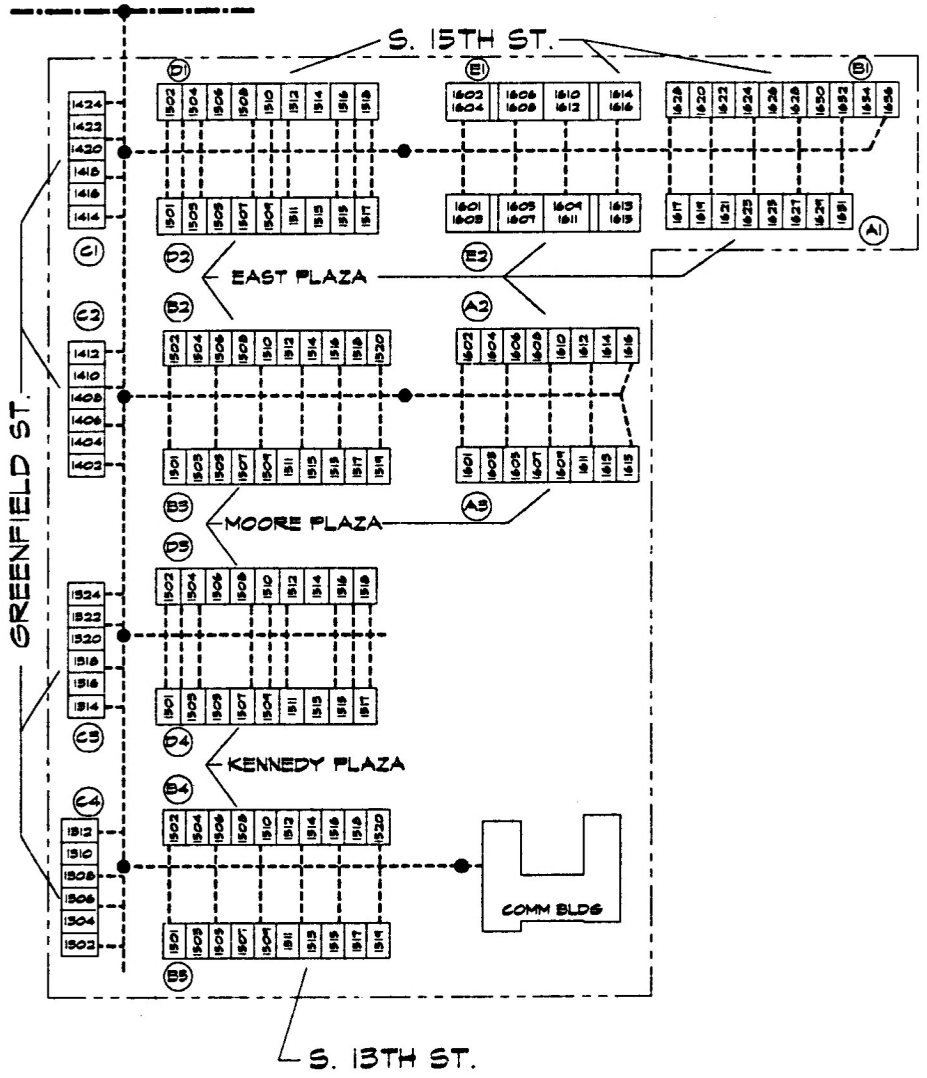
WILMINGTON HOUSING AUTHORITY
OPERATIONS DEPT. WILMINGTON, NC

DWG. TITLE: [redacted]		
DRAWN BY: D. FREEMAN	1"=150'	SHEET 1 OF 1
HOUSTON MOORE TERRACE NC1-4		DATE 11/94
CHECK: R. BROWN	DWG NO. NC14.DWG	

REVISIONS			
NO.	REMARKS	DATE	BY

Legend

- Sanitary Sewer City Main
- W.H.A. Sanitary Sewer Line
- Manhole-Sanitary Sewer Line



WILMINGTON HOUSING AUTHORITY
OPERATIONS DEPT. WILMINGTON, NC

DWG. TITLE:	SEWER DISTRIBUTION SYSTEM		
DRAWN BY: D. FREEMAN	1"=150'	SHEET 1 OF 1	
HOUSTON MOORE TERRACE NC1-4		DATE: 11/94	
CHECK: R. BROWN	DWG. NO.: NC14.DWG		

POLLUTION INCIDENT/U.S.T. LEAK REPORTING FORM

Department of Environment, Health, Natural Resources
Division of Environmental Management
GROUNDWATER SECTION

Confirm. GW Contamination (Y/N) ____
Major Soil Contamination (Y/N) ____
Minor Soil Contaminatin (Y/N) ✓

Incident # 15095

Date Incident Occurred or Leak Detected 7/20/94

INCIDENT DESCRIPTION

Incident Location/Name City of Wilmington - Houston Moore

Address 1601 S. 13th ST

City/Town Wilmington | County New Hanover | Region W.RO

Briefly Describe Incident Analytical Results of Soil Samples obtained during an UST closure indicate petroleum contamination above action levels

POTENTIAL SOURCE OWNER-OPERATOR

Potential Source Owner-Operator J. Alan Jones | Telephone 910-341-7763

Company Wilmington Housing Authority | Street Address po box 899

City Wilmington | County New Hanover | State NC | Zip Code 28402

OWNERSHIP
0. N/A 1. Municipal 2. Military 3. Unknown 4.Private 5.Federal (6.County) 7. State

OPERATION TYPE
0. N/A 1. Public Service 2. Agricultrural (3.Residential) 4. Educational/Relig. 5. Industrial 6. Commercial 7. Mining

POLLUTANTS INVOLVED

MATERIALS INVOLVED	AMOUNT LOST	AMOUNT RECOVERED
#5 fuel oil	UNK	UNK

SOURCE OF POLLUTION

PRIMARY SOURCE OF POLLUTION (Select one)
1. Intentional dump
2. Pit, pond, lagoon
(3.Leak-underground)
4. Spray Irrigation
5. Land application
6. Animal feedlot
7. Source unknown
8. Septic tank
9. Sewer line
10. Stockpile
11. Landfill
12. Spill-surface
13. Well
14. Above-ground Storage Tank
15. Nonpoint source

PRIMARY POLLUTANT TYPE (Select one)
1. Pesticide/herbicide
2. Radioactive waste
3. Gasoline/diesel
(4.Heating oil)
5. Other petroleum prod.
6. Sewage/septage
7. Fertilizers
8. Sludge
9. Solid waste leachate
10. Metals
11. Other inorganics
12. Other organics

LOCATION
(1.Facility)
2. Railroad
3. Waterway
4. Pipeline
5. Dumpsite
6. Highway
7. Residence
8. Other

SETTING
(1.Residential)
2. Industrial
3. Urban
4. Rural

Site Priority Ranking 20 E

D.E.M. Regional Contact Kirk McDonald | Signature Steve Kg | Date 2/23/96

GW-61 Revised 2/95

IMPACT ON DRINKING WATER SUPPLIES

WELLS AFFECTED 1. YES 2. NO

NUMBER OF WELLS AFFECTED _____

Well(s) Contaminated: (Users Name)

1.

2.

3.

4.

5.

Circle Appropriate Responses

Lab Samples Taken By: 1. DEM 2. DHS 3. Responsible Party 4. Other 5. None

Samples Taken Include:

1. Groundwater 2. Soil

LOCATION OF INCIDENT

7 1/2 Min. Quad Name

Lat. : Deg : Min : Sec :

5 Min. Quad Number

Long. : Deg : Min : Sec :

Draw Sketch of Area or Attach Additional Maps

Incident Name: C.J. of Wilmington Houston Moore Region/County: W.RO/NH

Groundwater Incident File # _____ Ranking Performed by: ak

Date: _____

NORTH CAROLINA
GROUNDWATER CONTAMINATION INCIDENT MANAGEMENT
SITE PRIORITY RANKING SYSTEM

(To be completed by Regional Office)

Points Awarded

I. IMMINENT HAZARD ASSESSMENT

A. Explosion - free product in confined areas or vapor phase product detected at or above 20% of the lower explosive limit or at health concern levels; award 50 points total _____

B. Fire - free product subject to ignition in exposed areas such as surface water impoundments, streams, excavations, etc.; award 50 points total _____

II. EXPOSURE ASSESSMENT

A. Contaminated Drinking Water Supplies

1. Private, domestic water supply well containing substances in concentrations exceeding 15A NCAC 2L groundwater quality standards; award 10 points per well _____

2. Public or institutional water supply well containing substances in concentrations exceeding 15A NCAC 2L groundwater quality standards; award 20 points per well _____

3. Exceedances of Class WS-1 surface water quality standards as a result of groundwater discharge; award 20 points per surface water body impacted _____

4. If a water supply well identified in items II. A. 1 and II. A. 2 cannot be replaced by an existing public water supply source requiring hook-up only; award additional 10 points per irreplaceable well _____

B. Threat to Uncontaminated Drinking Water Supplies

1. Private, domestic water supply well located within 1500 feet down gradient of contaminant source; award 10 points per well _____

2. Public or institutional water supply well located within 1500 feet downgradient of contaminant source; award 15 points per well _____

3. Raw surface water intake for public water supply located within 1/2 mile downgradient of contaminant source; award 5 points per water supply system _____

4. If any well identified in items II. B. 1 and II. B. 2 or an intake in item II. B. 3. are located within 250 feet of contaminant source; award additional 20 points total (not per well or intake) _____

C. Vapor Phase Exposure

1. Product vapors detected in inhabitable building(s) below 20% of the lower explosive limit or health concern levels; award 30 points total _____

Points Awarded

2. Product vapors detected in other confined areas (uninhabitable buildings, sewer lines, utility vaults, etc.) below 20% of the lower explosive limit; award 10 points total _____

II. SOURCE ASSESSMENT

A. Uncontrolled or Unabated Primary Source (including dumpsites, stockpiles, lagoons, land applications, septic tanks, landfills, underground and above ground storage tanks, etc.)

1. Suspected or confirmed source remains in active use and continues to receive raw product, wastewater or solid waste; award 30 points per source _____

2. Active use of suspected or confirmed source has been discontinued or source was caused by a one-time release of product or waste, however, source continues to release product or contaminants into the environment; award 10 points per source 10

V. ENVIRONMENTAL VULNERABILITY ASSESSMENT

A. Vertical Contaminant Migration - Literature or well logs indicate that no confining layer is present above bedrock or within twenty feet of land surface; award 10 points total 10

B. Horizontal Contaminant Migration - Data or observations indicate that no discharge points or aquifer discontinuities exist between the source and the nearest downgradient drinking water supply; award 10 points total _____

C. Existing Groundwater Quality - The worst case monitor or supply well contains contaminant levels:

1. At less than 10 times the 2L groundwater standards; award 5 points _____

2. Between 10 and 100 times the 2L groundwater standards; award 20 points _____

3. Greater than 100 times the 2L groundwater standards; award 40 points _____

REGIONAL OFFICE RESPONSE (LETTER RANK)

Priority A - (Site meets any one of the criteria)

1. Water supply well(s) contaminated and no alternate water supplies available.

2. Vapors present in confined areas at explosive or health concern levels.

3. Treated surface water supply in violation of the safe drinking standards.

Priority B - (Any One)

1. Water supply well(s) contaminated, but alternate water supplies available.

2. Water supply well(s) within 1500 feet of site, but not contaminated and no alternate water supplies available.

3. Vapors present in confined areas but not at explosive or health concern levels.

Priority C - (Both)

1. No water supply well(s) contaminted.

2. Water supply well(s) greater than 1500 feet from site, no alternate water supply available.

Priority D - (Both)

1. No water supply well(s) contaminted.

2. Water supply well(s) within 1500 feet of site but alternate water supplies available.

Priority E - (Both)

1. No water supply well(s) contaminated or within 1500 feet of site.

2. Area served by alternate water supply.

TOTAL POINTS AWARDED

20 E
#/Letter

State of North Carolina
Department of Environment,
Health and Natural Resources
Division of Environmental Management

James B. Hunt, Jr., Governor
Jonathan B. Howes, Secretary
A. Preston Howard, Jr., P.E., Director

DEHNR

Groundwater Section
March 25, 1996

RECEIVED
MAR 28 1996

Mr. J. Alan Jones
Wilmington Housing Authority
P.O. Box 899
Wilmington, NC 28402

RE: Taylor Homes (UST Facility ID # 0-021223)
1302 N. 5th Street
Wilmington, New Hanover County, NC

Houston Moore Terrace (UST Facility ID # 0-002186)
1601 S. 13th Street
Wilmington, New Hanover County, NC

Dear Mr. Jones:

This letter is to acknowledge receipt of and respond to your request for eligibility determination for access to the North Carolina Leaking Underground Storage Tank Cleanup Funds for property at the above-referenced location(s). Review of your application by the Division of Environmental Management Wilmington Regional Office and the Raleigh Central Office is now complete.

Taylor Homes

Our records indicate that one 10,000-gallon heating oil underground storage tank (UST) and two 8,000-gallon heating oil (USTs) were permanently closed by removal on July 25, 1994. Evidence of a release was discovered during closure activities conducted on July 28, 1994. A review of the tank fees database indicates that all required fees were paid prior to release discovery.

Houston Moore Terrace

Our records indicate that one 10,000-gallon heating oil underground storage tank (UST) and two 8,000-gallon heating oil (USTs) were permanently closed by removal on July 20, 1994. Evidence of a release was discovered during closure activities conducted on July 20, 1994. A review of the tank fees database indicates that all required fees were paid prior to release discovery.

Based on the aforementioned information, the State Trust Fund finds the incident(s) associated with these USTs conditionally eligible for reimbursement from the Commercial Trust Fund. In order to remain eligible, you must proceed with corrective action as required. Failure to mitigate the spread of contamination may cause you to be determined ineligible to receive reimbursement from the Commercial Trust Fund.

Finally, in accordance with N.C.G.S. 143-215.94E, only reasonable and necessary costs incurred in the environmental cleanup of these sites will be eligible for reimbursement after incurring an initial deductible of $20,000 per occurrence. You will be reimbursed for cleanup costs which exceed $20,000 as follows: 100 percent for reasonable and necessary costs between $20,000 and $1 million, and 80 percent of reasonable and necessary costs between $1 million and $1.5 million.

Please confer with either the Wilmington Regional Office or the Raleigh Central Office should there be any questions regarding the completion of reimbursement forms, or activities that may require additional costs documentation prior to implementation, such as groundwater remediation systems. Please be advised that temporary rule changes to 15A NCAC 2P [.0402(a)(5)] and 15A NCAC 2L [.0106(r) and .0106(s)] became effective on January 2, 1996. These changes require UST owners/operators and landowners seeking reimbursement from the State Trust Funds, evaluate the applicability of their sites for corrective action pursuant to paragraphs k, l and m of 15A NCAC 2L .0106 and to implement such corrective action plans if appropriate.

Should you require any further assistance, please do not hesitate to contact me at (919) 733-1332.

Sincerely,

George C. Matthis, Jr.

George C. Matthis, Jr., Supervisor
State Trust Fund Group

GCM:td:TH:inf
CC: Steve Kay, Wilmington Regional Office

RECEIVED
DEC 4 1995

file - not read
ranking E
5-14-96

COMPREHENSIVE SITE ASSESSMENT

LOCATION:
WILMINGTON HOUSING AUTHORITY
HOUSTON MOORE TERRACE
1401 SOUTH 13TH STREET
WILMINGTON, NEW HANOVER COUNTY, NC

CLIENT:

WILMINGTON HOUSING AUTHORITY
HOUSTON MOORE TERRACE
1401 SOUTH 13TH STREET
WILMINGTON, NEW HANOVER COUNTY, NC

PREPARED BY:

UTTS/Environmental
P.O. Box 8148
Greenville, NC 27835
(919) 758-0001

James M. Lueck
Staff Geologist
UTTS/Environmental

Brian E. Gray, P.G.
President
UTTS/Environmental

NORTH CAROLINA
LICENSED
SEAL
663
11/30/95
GEOLOGIST
BRIAN ERWIN GRAY

NOVEMBER 1995

RECEIVED
DEC 4 1995

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EXECUTIVE SUMMARY

UTTS/Environmental has completed a Comprehensive Site Assessment (CSA) at the subject site located at 1401 South 13th Street, Wilmington, New Hanover County, NC. The subject site is currently operating as public housing. The USTs were owned by the City of Wilmington, and have been removed from the subject site. The Comprehensive Site Assessment was performed at the subject site in accordance with 40 CFR 280.65 and NCAC 2N .0706 requirements.

The analytical results of the closure soil samples for the USTs containing #5 fuel oil exceeded the state TPH action level by EPA method 9071 (oil and grease). Ground water was not present during tank removal.

UTTS/E has supervised the installation of three (3) Type II monitor wells. UTTS/E personnel have performed depth to ground water measurements and ground water sampling for EPA Method 602 extended and 625 B/N, as per proper protocol. Potentiometric surface maps and iso-contamination maps are enclosed.

Ground water analytical results indicate that none of the monitoring wells at the subject site exceeds the NCAC 2L ground water standards for petroleum components. Free phase product was not identified during this investigation.

The subject site and vicinity receives their water supply and sanitary sewer services from the City of Wilmington. Therefore, no water supply wells are in danger of being contaminated.

Based upon the available ground water data, UTTS/E recommends that no further action take place at the site.

I. INTRODUCTION

Wilmington Housing Authority (WHA) contracted UTTS/Environmental (UTTS/E) to conduct a Comprehensive Site Assessment (CSA) for Houston Moore Terrace located at 1401 South 13th Street, Wilmington, New Hanover Co., NC (Appendix A). The subject site is currently used as a public housing complex (Appendix B).

THH Services Ltd. conducted a UST closure investigation at the subject site on July 20, 1994. Three (3) USTs, one (1) 10,000 gallon UST and two (2) 8,000 gallon USTs containing #5 fuel oil were removed from the subject site.

UTTS/E prepared and submitted a UST Closure Report for the subject site on September 7, 1994. Several soil closure samples from the USTs exceeded the state TPH action level. Therefore, 40 CFR 280.65 and NCAC 2N .0706 required the assessment of the impact/impairment of a suspected petroleum release at the subject site (Appendix J).

UTTS/E has supervised the installation of a monitoring system which includes three (3) Type II monitoring wells installed on July 11th and 12th, 1995. Based on analytical results from the monitoring wells, the ground water has not been impacted by the release of petroleum product at the subject site (Appendix J).

UTTS/E has performed a comprehensive site assessment based upon these objectives:

1) Characterize the shallow geologic conditions.

2) Sample soil for evidence of petroleum contamination for Total Petroleum Hydrocarbon by field analysis with an OVA, and ground water by EPA Method 602, and for Xylenes, Methyl Tertiary Butyl Ether (MTBE) and Ethylene Dibromide (EDB), and 625 B/N.

3) Characterize the extent of ground water contamination.

4) Conclusions and recommendations.

II. SITE HISTORY AND SOURCE CHARACTERIZATION

A. SITE DESCRIPTION (OWNERSHIP AND USAGE)

A vicinity map for the subject site is located within Appendix A. A site map and site map with utilities is located in Appendix B and D. UST information was compiled from NC DEHNR, New Hanover County Tax Records. Below is a summary of pertinent information regarding the former UST system.

Site Name	Houston Moore Terrace
Site Location	1601 South 13th Street Wilmington, New Hanover Co., NC
Size and Content	(2) 8,000 gallon #5 fuel oil (1) 10,000 gallon #5 fuel oil
Tank Owner	Wilmington Housing Authority
Tank Operator	Wilmington Housing Authority
Property Owner	Wilmington Housing Authority

B. RELEASE INCIDENTS AND ENVIRONMENTAL INVESTIGATIONS

UTTS/E prepared a UST Closure Report dated September 7, 1994.

No ground water incidents are located within the vicinity of the subject site, according to the April 24, 1995 Incident List published by NC DEHNR-Central Office.

C. ABATEMENT MEASURES TO DATE

Three (3) UST's have been removed from the subject site. The UST's were in fair to good condition and have been properly disposed of by P&W Oil Company in Leland, NC.

The following summarizes work performed at the subject site to date.

Project Summary to Date:

- 7/20/94 UTTS/E on site to supervise removal of two (2) 8,000 gallon UST's and one (1) 10,000 gallon UST, containing #5 fuel oil, by THH Services, Ltd. Final disposal was performed by P&W Oil Company.

- 9/7/94 UTTS/E submits tank closure report to Mr. Gary Foster, agent for Wilmington Housing Authority.

- 7/11-12/95 UTTS/E supervised installation of three (3) Type II monitoring wells.

- 7/27/95 UTTS/E personnel obtain water levels and ground water samples from wells MW-1 through MW-3 for analyses by EPA Method 602 plus Xylenes, MTBE, EDB, and EPA Method 625 Base Neutrals. UTTS/E surveyed all wells for spatial orientation data.

- 8/21/95 UTTS/E submitted an Initial Abatement Measures, Site Check & Site Characterization Report.

III. POTENTIAL RECEPTORS & MIGRATION PATHWAYS

A. WATER SUPPLY SOURCES AND LOCATIONS

The City of Wilmington obtains its water from the Cape Fear River in Bladen County. The City of Wilmington supplies the immediate vicinity of the subject site with water. There are no private supply wells in the vicinity.

B. ADJACENT PROPERTY OWNERS

The subject site is located at 1401 South 13th Street, Wilmington, New Hanover County, NC. The following is a list of the adjacent property owners according to the New Hanover County Tax Office (Appendix C).

ADJACENT PROPERTY OWNERS		
Owner's Name	**Lot Number**	**Mailing Address**
Wilmington Housing Authority (Subject Site)	5418-005-001-000	508 Front Street Wilmington, NC 28401
Haigler, Kenneth E. etal	5419-001-001-000	P.O. Box 1766 Greenville, NC 27835-1766
City of Wilmington	5419-007-007-000	c/o City Attorney P.O. Box 1810 Wilmington, NC 28402
New Hanover County Board of Education	5418-005-002-000	P.O. Box 390 Wilmington, NC 28402
Gillette, Marguerite B. Hrs	5414-021-003-000	P.O. Box 3145 Wilmington, NC 28406
Blackmon & Stephenson Ltd.	5414-022-001-000	1519 Lake Branch Drive Wilmington, NC 28401
Lease Properties Inc.	5415-012-001-000 5415-012-002-000	1429 42nd Street Wilmington, NC 28402
Blackmon & Stephenson Ltd.	5418-004-002-000	1519 Lake Branch Drive Wilmington, NC 28401
Board of Education	5418-005-008-006	P.O. Box 390 Wilmington, NC 28402

C. UNDERGROUND UTILITIES

The subject site is located at 1401 South 13th Street in Wilmington, New Hanover County, NC (Appendix D).

The City of Wilmington supplies the immediate vicinity of the subject site with water. The city utilizes the Cape Fear River for its water supply.

City water main runs within South 13th Street where service lines run to the various buildings on the property.

City sanitary sewer runs down the center of South 15th Street where service lines run to the various buildings on the property.

The North Carolina Natural Gas (NCNG) main runs along South 13th Street where service lines run to the various buildings on the property.

Electricity, telephone and cable are supplied overhead into the front of the building.

D. MIGRATION PATHWAYS

Natural gas, steam, water and sewer lines are in the vicinity of the former UST. There is no basement in the community building.

E. POTENTIAL EXPOSURE PATHWAYS

Natural gas, steam, water and sewer lines are in the vicinity of the former UST. There is no basement in the apartment building. Therefore, there is potential exposure pathway at the subject site for maintenance of lines.

IV. GEOLOGIC INVESTIGATION

A. TOPOGRAPHY

Topographically, the subject site has a slight slope toward the rear of the property (south).

B. REGIONAL GEOLOGIC TRENDS

Based on a well log (NH-23) located in the general vicinity of the subject site (Harris, 1975), the stratigraphy is defined as follows. From the surface to a depth of approximately 60 feet, lies surficial, silty sands and silty, clayey sands of Pleistocene age. From a depth of 60 to 79 feet lies the Eocene Castle Hayne Formation, which consists predominantly of a bryozoan-sponge biomicrudite (Comfort Member) with a basal phosphatic pebble zone (New Hanover Member).

The boundary between the Castle Hayne formation and the underlying Peedee Formation (Cretaceous) lies at a depth of approximately 79 feet beneath the land surface. From a depth of approximately 79 feet to approximately 95 feet lies the post-Rocky Point Member of the Peedee Formation, which consists of sands. The Rocky Point Member of the Peedee Formation occurs at a depth of approximately 95 to 125 feet. The Rocky Point consists of alternating quartz arenites and biosparudite (Harris, 1975).

The name Rocky Point Member of the Peedee Formation has since been changed to the Scotts Hill Member of the Peedee Formation (Sohl and Owens, 1991).

C. SITE GEOLOGY

The geology of the subject site, as revealed during monitoring well installations and soil borings, indicate that there are several subsurface units present at the subject site.

A geologic cross section is presented in Appendix E.

Monitoring well boring logs indicated that four primary sedimentary units are present at the subject site (Appendix E). The upper unit is a brown, silty, fine sand (surface to 6') grading into a tan, silty, fine sand (6-8'), followed by a white to yellow, fine sand (8-23'). This is atop a white, fine sand (23-26') (Appendix G).

D. SOIL INVESTIGATION

UTTS/E obtained soil samples at five (5) foot intervals using split spoon samples at the time of monitor well installation. The split spoon soil samples were analyzed for TPH in the field with an Organic Vapor Analyzer (OVA). The OVA results did not indicate organic vapors above background levels, and were therefore not submitted for laboratory analysis.

V. GROUND WATER INVESTIGATION

A. MONITOR WELL LOCATION AND CONSTRUCTION

UTTS/E supervised the installation of three (3) Type II monitoring wells at the subject site (Appendix F).

The monitoring wells are constructed of two inch Sch. 40 PVC. The Type II monitor wells are 24 feet deep, each with fifteen feet of 0.010" slotted screen (Appendix E).

B. CONTAMINANT PLUME CHARACTERISTICS

Free Product Survey

Free phase petroleum product has not been observed at the subject site on any site visit.

Dissolved Contaminant Determination

UTTS/E performed ground water sampling at the end of each phase of work at the subject site. The monitoring wells were sampled as per proper protocol for EPA Methods 625 B/N and 602 with the following additions: Xylene, MTBE, EDB. No target components were detected in

any of the monitoring wells (Appendix J). The following summarizes the analytical results of EPA Method 602 ground water samples obtained at the subject site to date.

GROUND WATER SAMPLES (ppb)
7/27/95

COMPONENT	MW-1	MW-2	MW-3	NCAC 2L STD.
Benzene	<0.5	<0.5	<0.5	1 ug/l
Toluene	<0.5	<0.5	<0.5	1,000 ug/l
Ethylbenzene	<0.5	<0.5	<0.5	29 ug/l
Xylenes	<1.0	<1.0	<1.0	530 ug/l
MTBE	<0.5	<0.5	<0.5	200 ug/l
EDB	<0.5	<0.5	<0.5	4E-4 ug/l
Napthalene	<1.0	<1.0	<1.0	21 ug/l

C. HYDROGEOLOGIC CHARACTERISTICS

After the installation, UTTS/E personnel developed the monitoring wells to remove fines and drill cuttings using a one liter disposable bailer.

The static water level was measured from the top of the casing with a water level meter. The top of casing (TOC) and manway rim for monitor wells were surveyed for spatial distribution (horizontal and vertical) using an assumed benchmark. The casing of MW-1 was utilized as a benchmark with an assumed elevation of 50.00 feet above Mean Sea Level.

Depth to ground water elevation measurements (Appendix K) were utilized in constructing a potentiometric surface map (Appendix L). Ground water flow direction and gradient were also calculated using the ground water elevations.

UTTS/E obtained the ground water flow direction and gradient using the calculated ground water elevations on 7/27/95 (Appendix M). Using this data, the ground water hydraulic gradient at the subject site was calculated utilizing the ground water elevations of MW-1, MW-2, and MW-3. Ground water flow was to the southeast with a hydraulic gradient of 0.008 ft/ft.

D. RATIONALE FOR WELL LOCATION AND CONSTRUCTION

The subject site has contained #5 fuel oil products in an underground storage tank. These products, when in the undissolved state, are lighter than water and would therefore, float on the ground water table.

The UST Closure Report indicated the following:

1) The soil closure samples for the fuel oil UST exceeded the state action level.

2) Ground water was not encountered at the time of the UST closure.

3) The two (2) 8,000 gallon fuel oil USTs were approximately 46 years old and in fair condition, the 10,000 gallon UST was approximately 12 years old and in good condition.

UTTS/E installed the monitoring wells to determine: the ground water flow direction (down, up, and side gradient of the subject USTs; the presence or absence of free phase petroleum product; the concentration of dissolved contaminants associated with the suspected release of petroleum product at the subject site; and the lithology of subsurface material.

VI. CONCLUSIONS AND RECOMMENDATIONS

UTTS/Environmental has performed a Comprehensive Site Assessment as per 40 CFR Part 280.65 and NCAC 2N .0706. UTTS/E supervised the installation of three (3) Type II monitoring wells and performed ground water sampling.

Ground water samples were analyzed by EPA Methods 625 B/N and 602 (extended). The analytical results of monitoring wells indicate that no target components were detected. Free phase petroleum product was not detected in any monitoring well during this investigation.

UTTS/E recommends no further action take place at this site.

VII. LIMITATIONS

The purpose of this report was to assess the existing and potential environmental concerns and liabilities associated with the discharge/leakage of petroleum from underground storage tanks formerly located at the subject site. The interpretive conclusions presented in this report are based only on the observations of UTTS/E personnel made during the dates of site visits and should not be relied upon to represent site conditions at other dates or other contaminants. The report presents a description of subsurface conditions observed at each boring location conducted during the investigation. Subsurface conditions may vary significantly through time, particularly with respect to ground water flow, ground water elevations, and ground water quality.

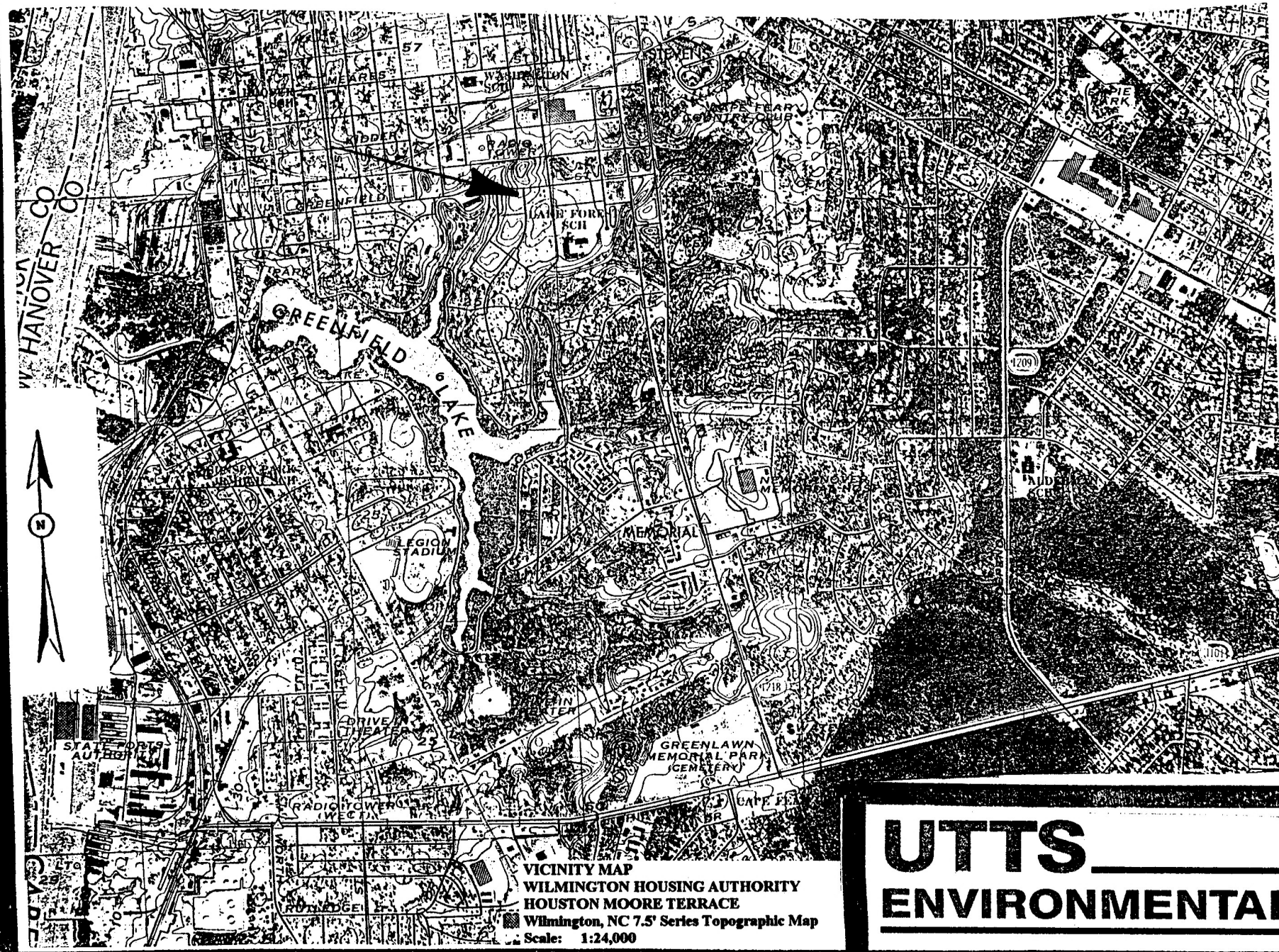
REFERENCES:

Harris, B.W., 1975, Stratigraphy, Petrology, and Radiometric Age (Upper Cretaceous) of the Rocky Point Member, Peedee Formation, North Carolina; unpublished Ph.D. diss., The University of North Carolina, Chapel Hill, 190 p.

Sohl, N.F. and Owens, J.F., 1991, Cretaceous Stratigraphy of the Carolina Coastal Plain: in The Geology of the Carolinas. J.W. Horton, Jr. and V.A. Zullo, V.A. eds. The University of Tennessee press, p, 191-220.

APPENDIX A

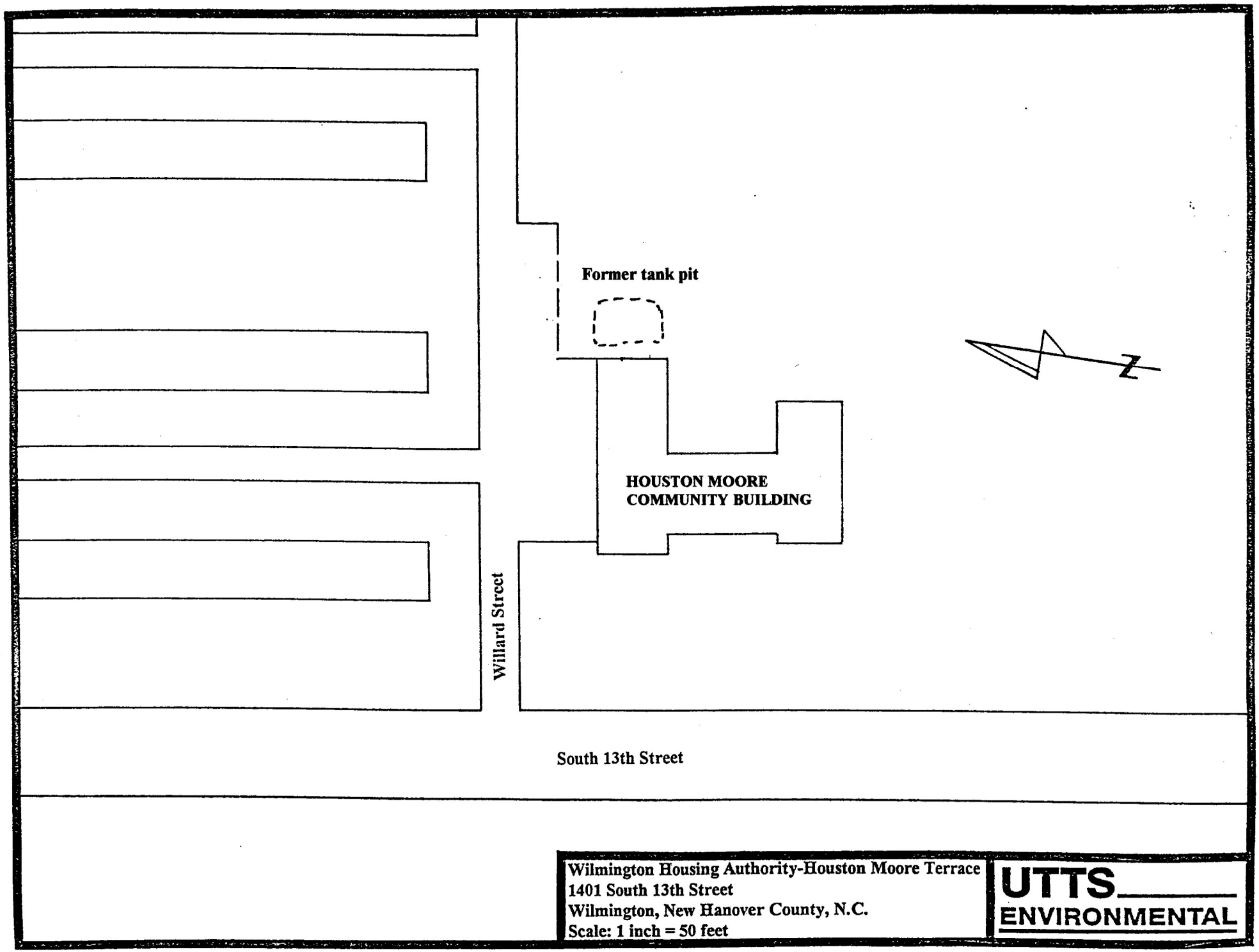
VICINITY MAP



UTTS
ENVIRONMENTAL

APPENDIX B

SITE MAP

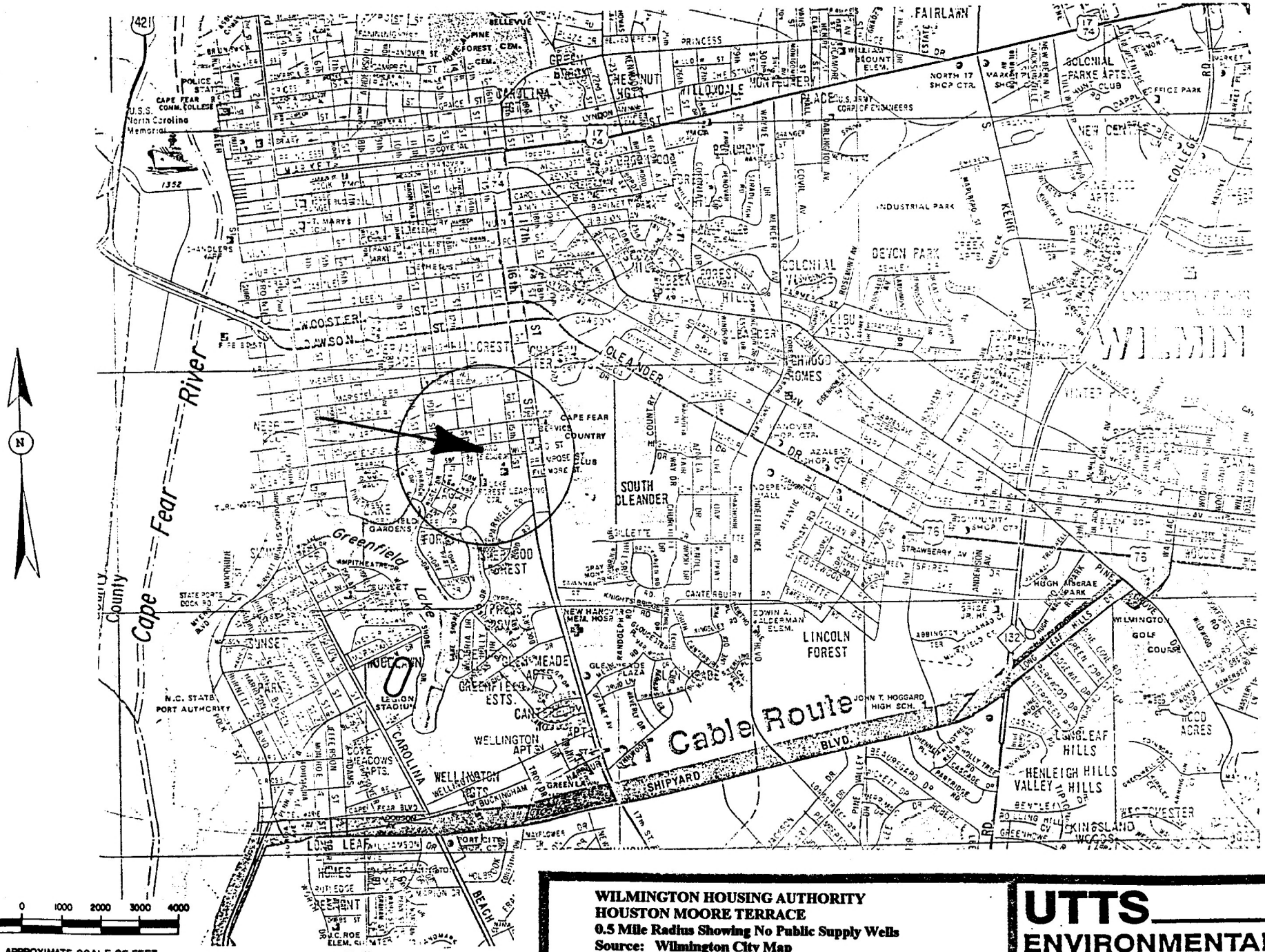


Wilmington Housing Authority-Houston Moore Terrace
1401 South 13th Street
Wilmington, New Hanover County, N.C.
Scale: 1 inch = 50 feet

UTTS ENVIRONMENTAL

APPENDIX C

WATER SUPPLY SOURCES VICINITY MAP

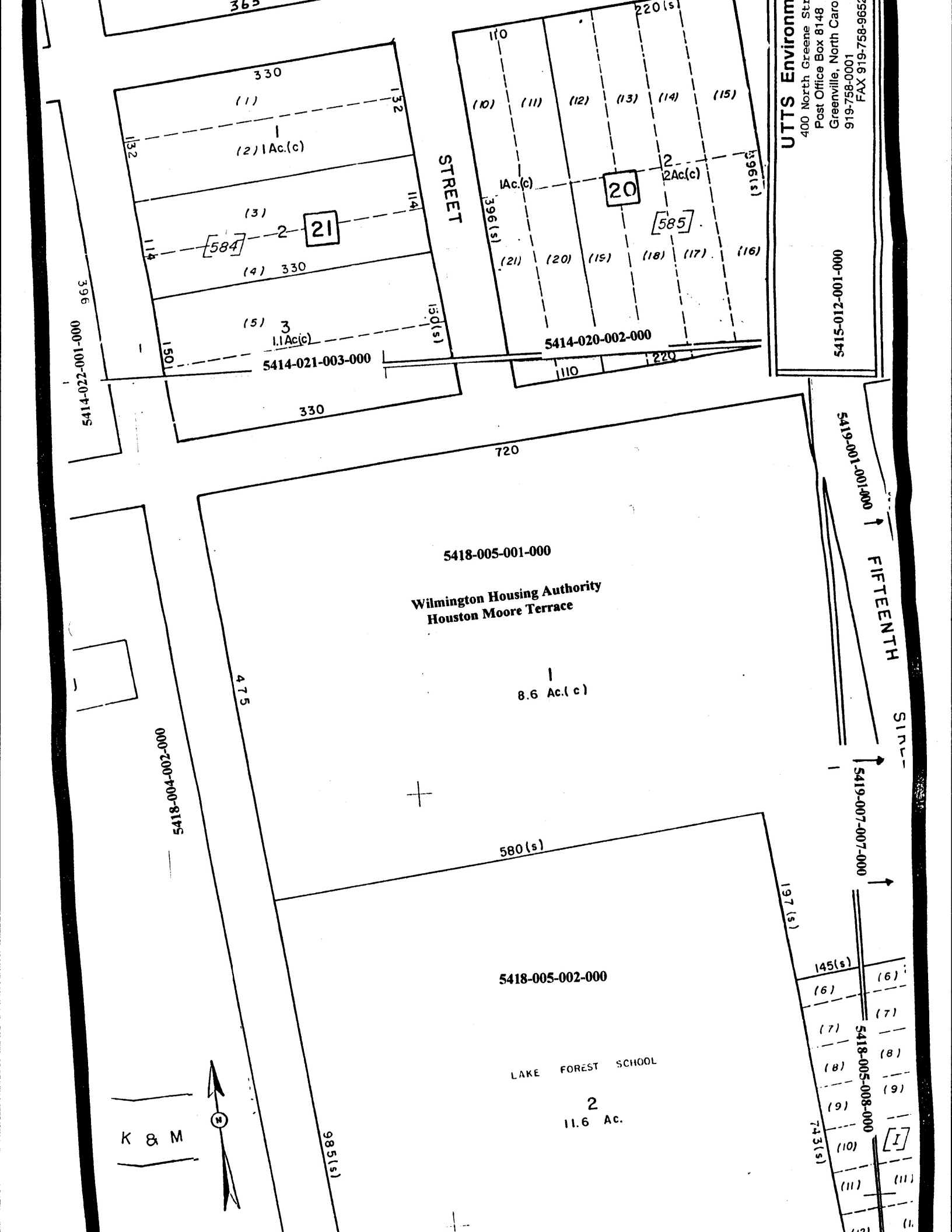


WILMINGTON HOUSING AUTHORITY
HOUSTON MOORE TERRACE
0.5 Mile Radius Showing No Public Supply Wells
Source: Wilmington City Map

UTTS
ENVIRONMENTAL

APPENDIX D

PROPERTY OWNERS MAP



UTTS Environm
400 North Greene Str
Post Office Box 8148
Greenville, North Caro
919-758-0001
FAX 919-758-9652
5415-012-001-000
5414-020-002-000
5414-021-003-000
5414-022-001-000
5418-005-001-000
Wilmington Housing Authority
Houston Moore Terrace
8.6 Ac.(c)
5418-004-002-000
5419-001-001-000
5419-007-007-000
5418-005-002-000
LAKE FOREST SCHOOL
11.6 Ac.
5418-005-008-000
STREET
FIFTEENTH
K & M

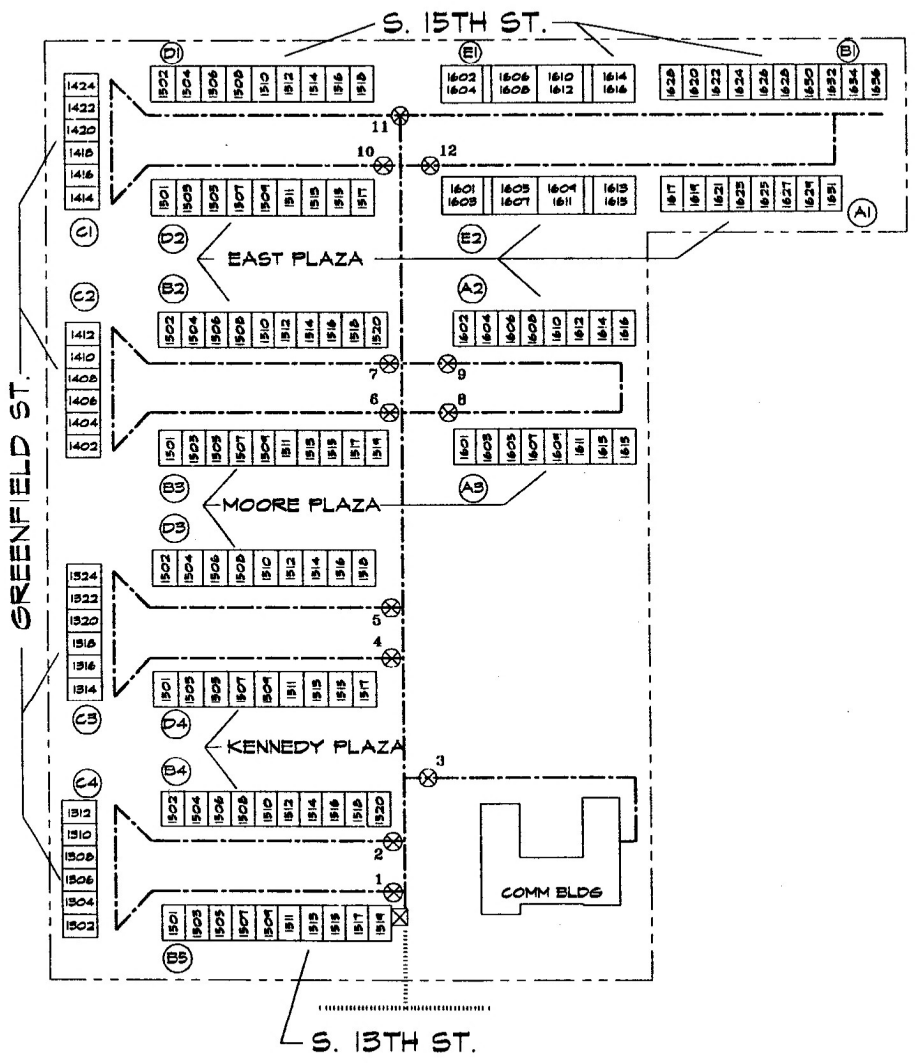
APPENDIX E

UTILITY MAP

REVISIONS			
NO.	REMARKS	DATE	BY

Legend

- ● Master Gas Valve
- ⊠ Gas Meter
- ⊗ Gas Isolation Valve
- ⊖ Gas Block Valve
- NCNG Gas Line
- W.H.A. Gas Line



GAS DISTRIBUTION SYSTEM

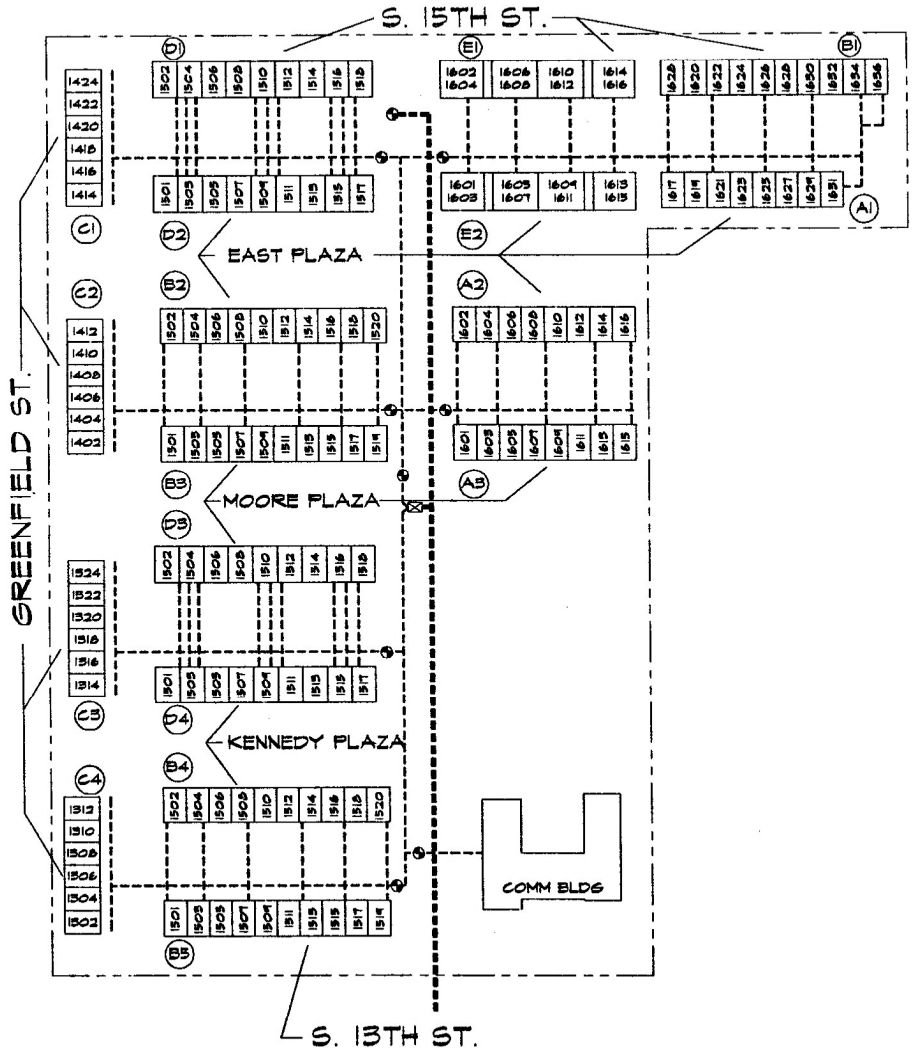
WILMINGTON HOUSING AUTHORITY
OPERATIONS DEPT. WILMINGTON, NC

DWG. TITLE:	GAS DISTRIBUTION SYSTEM		
DRAWN BY: D. FREEMAN	1"=150'	SHEET 1 OF 1	
HOUSTON MOORE TERRACE NC1-4		DATE 11/94	
CHECK: R. BROWN	DWG. NO: NC14.DWG		

REVISIONS			
NO	REMARKS	DATE	BY

Legend

- Gate Shut-Off Valve
- Water Meter
- City Water Main
- Water Line



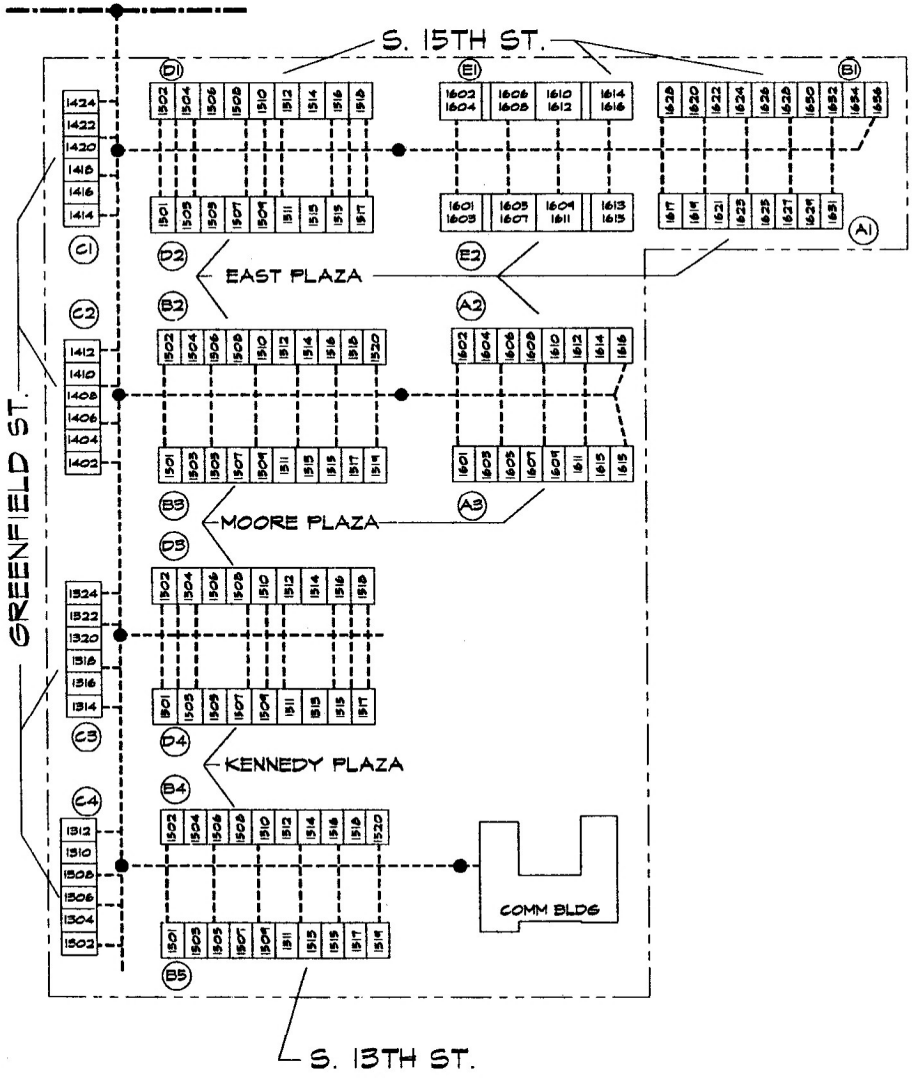
WATER DISTRIBUTION SYSTEM

WILMINGTON HOUSING AUTHORITY OPERATIONS DEPT. WILMINGTON, NC			
DWG. TITLE: WATER DISTRIBUTION SYSTEM			
DRAWN BY: D. FREEMAN	1"=150'	SHEET 1 OF 1	
HOUSTON MOORE TERRACE NC134		DATE: 11/94	
CHECK: R. BROWN	DWG. NO: NC14.DWG		

REVISIONS			
NO.	REMARKS	DATE	BY

Legend

- Sanitary Sewer City Main
- W.H.A. Sanitary Sewer Line
- Manhole–Sanitary Sewer Line



SEWER DISTRIBUTION SYSTEM

WILMINGTON HOUSING AUTHORITY
OPERATIONS DEPT. WILMINGTON, NC

DWG. TITLE:	SEWER DISTRIBUTION SYSTEM		
DRAWN BY: D. FREEMAN	1"=150'	SHEET 1 OF 1	
HOUSTON MOORE TERRACE NC1-4		DATE 11/94	
CHECK: R. BROWN	DWG. NO. NC14.DWG		

APPENDIX F

MONITORING WELL CONSTRUCTION RECORDS

NORTH CAROLINA DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL MANAGEMENT - GROUNDWATER SECTION
P.O. BOX 27687-RALEIGH, NC 27611-7687
PHONE (919)733-3221

FOR OFFICE USE ONLY

Quad No._____ Serial No._____
Lat._____ Long._____ Pc_____
Minor Basin_____
Basin Code_____
Header Ent._____ GW-1 Ent._____

WELL CONSTRUCTION RECORD

DRILLING CONTRACTOR **Sweeting Drilling, Inc.**
DRILLER REGISTRATION NUMBER **866**

STATE WELL CONSTRUCTION
PERMIT NUMBER **N/A**

1. WELL LOCATION (Show sketch of the location below)
Nearest Town **Wilmington, NC**
Houston Moore Terrace - 1401 S. 13th Street
(Road, Community, or Subdivision and Lot No.)

County: **New Hanover**

2. OWNER **Housing Authority of the City of Wilmington, NC**
ADDRESS **Drawer 899**
(Street or Route No.)
Wilmington (City or Town) **NC** (State) **28402-0899** (Zip Code)

3. DATE DRILLED **7/11/95** USE OF WELL **Monitoring**
4. TOTAL DEPTH **24.0'** CUTTINGS COLLECTED ■ Yes ☐ No
5. DOES WELL REPLACE EXISTING WELL? ☐ Yes ■ No
6. STATIC WATER LEVEL: **17.43'** FT. ☐ above TOP OF CASING ■ below
7. YIELD (gpm): **N/A** METHOD OF TEST **N/A**
8. WATER ZONES (depth): **N/A**
9. CHLORINATION: Type **N/A** Amount **N/A**
10. CASING:

	Depth From	To	Ft.	Diameter	Wall Thickness or Weight/Ft.	Material
	0	9.0		2"	SCH40	PVC

11. GROUT:

	From	To	Ft.	Material	Method
	0	6.0		Cement	Pour
	6.0	8.0		Bentonite	Pour

12. SCREEN:

	Depth From	To	Ft.	Diameter		Slot Size		Material
	9.0	24.0		2"	in.	0.010	in.	PVC
					in.		in.	
					in.		in.	

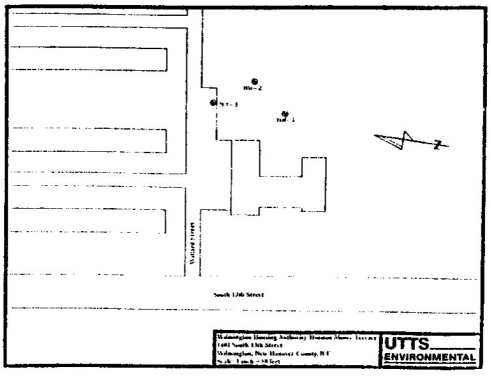
13. GRAVEL PACK:

	From	To	Ft.	Size	Material
	8.0	24.0		Coarse Sand	Sand

Depth From	To	DRILLING LOG Formation Descrption
0.0'	6.0'	Brown, silty, fine sand
6.0'	8.0'	Tan, silty, fine sand
8.0'	18.0'	White, fine sand
18.0'	23.0'	Yellow brown, fine sand
23.0'	26.0'	White, fine sand

If additional space is needed use back of form

LOCATION SKETCH
(Show direction and distance from at least two State Roads, or other map reference points)
MW-1



14. REMARKS:_____

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15 NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Brian E. Gregg UTTS/ENV. 07/26/95
SIGNATURE OF CONTRACTOR OR AGENT DATE

GW-1 REVISED 2/90

Submit original to Division of Environmental Management and copy to well owner.

NORTH CAROLINA DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL MANAGEMENT - GROUNDWATER SECTION
P.O. BOX 27687-RALEIGH, NC 27611-7687
PHONE (919)733-3221

FOR OFFICE USE ONLY

Quad No._____ Serial No._____
Lat._____ Long._____ Pc_____
Minor Basin_____
Basin Code_____
Header Ent._____ GW-1 Ent._____

WELL CONSTRUCTION RECORD

DRILLING CONTRACTOR **Sweeting Drilling, Inc.**
DRILLER REGISTRATION NUMBER **866**

STATE WELL CONSTRUCTION
PERMIT NUMBER **N/A**

1. WELL LOCATION (Show sketch of the location below)
Nearest Town **Wilmington, NC**
Houston Moore Terrace - 1401 S. 13th Street
(Road, Community, or Subdivision and Lot No.)

County: **New Hanover**

2. OWNER **Housing Authority of the City of Wilmington, NC**
ADDRESS **Drawer 899**
(Street or Route No.)
Wilmington (City or Town) **NC** (State) **28402-0899** (Zip Code)

3. DATE DRILLED **7/11/95** USE OF WELL **Monitoring**
4. TOTAL DEPTH **24.0'** CUTTINGS COLLECTED ■ Yes ☐ No
5. DOES WELL REPLACE EXISTING WELL? ☐ Yes ■ No
6. STATIC WATER LEVEL: **16.57'** FT. ☐ above TOP OF CASING ■ below
7. YIELD (gpm): **N/A** METHOD OF TEST **N/A**
8. WATER ZONES (depth): **N/A**
9. CHLORINATION: Type **N/A** Amount **N/A**
10. CASING:

	Depth			Diameter	Wall Thickness or Weight/Ft.	Material
From	0	To 9.0	Ft.	2"	SCH40	PVC
From		To	Ft.			
From		To	Ft.			

11. GROUT:

				Material	Method
From	0	To 6.0	Ft.	Cement	Pour
From	6.0	To 8.0	Ft.	Bentonite	Pour

12. SCREEN:

	Depth			Diameter		Slot Size		Material
From	9.0	To 24.0	Ft.	2"	in.	0.010	in.	PVC
From		To	Ft.		in.		in.	
From		To	Ft.		in.		in.	

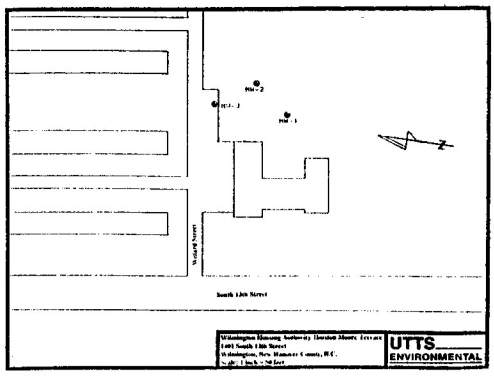
13. GRAVEL PACK:

				Size	Material
From	8.0	To 24.0	Ft.	Coarse Sand	Sand
From		To	Ft.		

Depth From	Depth To	DRILLING LOG Formation Descrption
0.0'	6.0'	Brown, silty, fine sand
6.0'	14.0'	White, fine sand
14.0'	18.0'	Tan, fine to medium sand
18.0'	26.0'	Yellow brown, fine sand

If additional space is needed use back of form

LOCATION SKETCH
(Show direction and distance from at least two State Roads, or other map reference points)
MW-2



14. REMARKS:

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15 NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

Brian E. Gurney UTTS/ENV. 07/26/95
SIGNATURE OF CONTRACTOR OR AGENT DATE

GW-1 REVISED 2/90

Submit original to Division of Environmental Management and copy to well owner.

NORTH CAROLINA DEPARTMENT OF ENVIRONMENT, HEALTH AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL MANAGEMENT - GROUNDWATER SECTION
P.O. BOX 27687-RALEIGH, NC 27611-7687
PHONE (919)733-3221

FOR OFFICE USE ONLY

Quad No._____ Serial No._____
Lat._____ Long._____ Pc_____
Minor Basin_____
Basin Code_____
Header Ent._____ GW-1 Ent._____

WELL CONSTRUCTION RECORD

DRILLING CONTRACTOR **Sweeting Drilling, Inc.**
DRILLER REGISTRATION NUMBER **866**
STATE WELL CONSTRUCTION PERMIT NUMBER **N/A**

1. WELL LOCATION (Show sketch of the location below)
Nearest Town **Wilmington, NC**
Houston Moore Terrace - 1401 S. 13th Street
(Road, Community, or Subdivision and Lot No.)

County: **New Hanover**

2. OWNER **Housing Authority of the City of Wilmington, NC**
ADDRESS **Drawer 899**
(Street or Route No.)
Wilmington (City or Town) **NC** (State) **28402-0899** (Zip Code)

3. DATE DRILLED **7/12/95** USE OF WELL **Monitoring**
4. TOTAL DEPTH **22'** CUTTINGS COLLECTED ■ Yes ☐ No
5. DOES WELL REPLACE EXISTING WELL? ☐ Yes ■ No
6. STATIC WATER LEVEL: **15.73'** FT. ☐ above TOP OF CASING ■ below
7. YIELD (gpm): **N/A** METHOD OF TEST **N/A**
8. WATER ZONES (depth): **N/A**
9. CHLORINATION: Type **N/A** Amount **N/A**
10. CASING:

	Depth			Diameter	Wall Thickness or Weight/Ft.	Material
From	0	To 7.0	Ft.	2"	SCH40	PVC
From		To	Ft.			
From		To	Ft.			

11. GROUT:

				Material	Method
From	0	To 4.0	Ft.	Cement	Pour
From	4.0	To 6.0	Ft.	Bentonite	Pour

12. SCREEN:

	Depth			Diameter		Slot Size		Material
From	7.0	To 22.0	Ft.	2"	in.	0.010	in.	PVC
From		To	Ft.		in.		in.	
From		To	Ft.		in.		in.	

13. GRAVEL PACK:

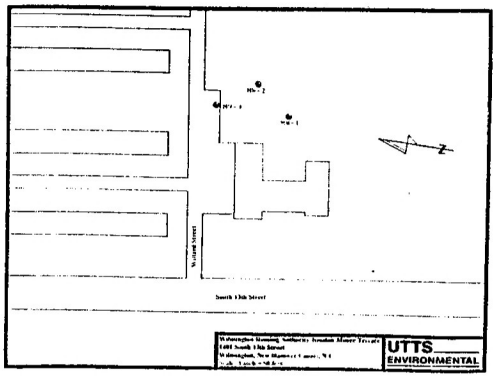
				Size	Material
From	6.0	To 22.0	Ft.	Coarse Sand	Sand
From		To	Ft.		

DRILLING LOG

Depth From	Depth To	Formation Description
		Asphalt
0.0'	1.5'	Tan, very fine sand
1.5'	15'	White, fine sand
15'	17'	Orange brown, fine sand
17'	22'	Tan, fine sand

If additional space is needed use back of form

LOCATION SKETCH
(Show direction and distance from at least two State Roads, or other map reference points)
MW-3



14. REMARKS:_____

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15 NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

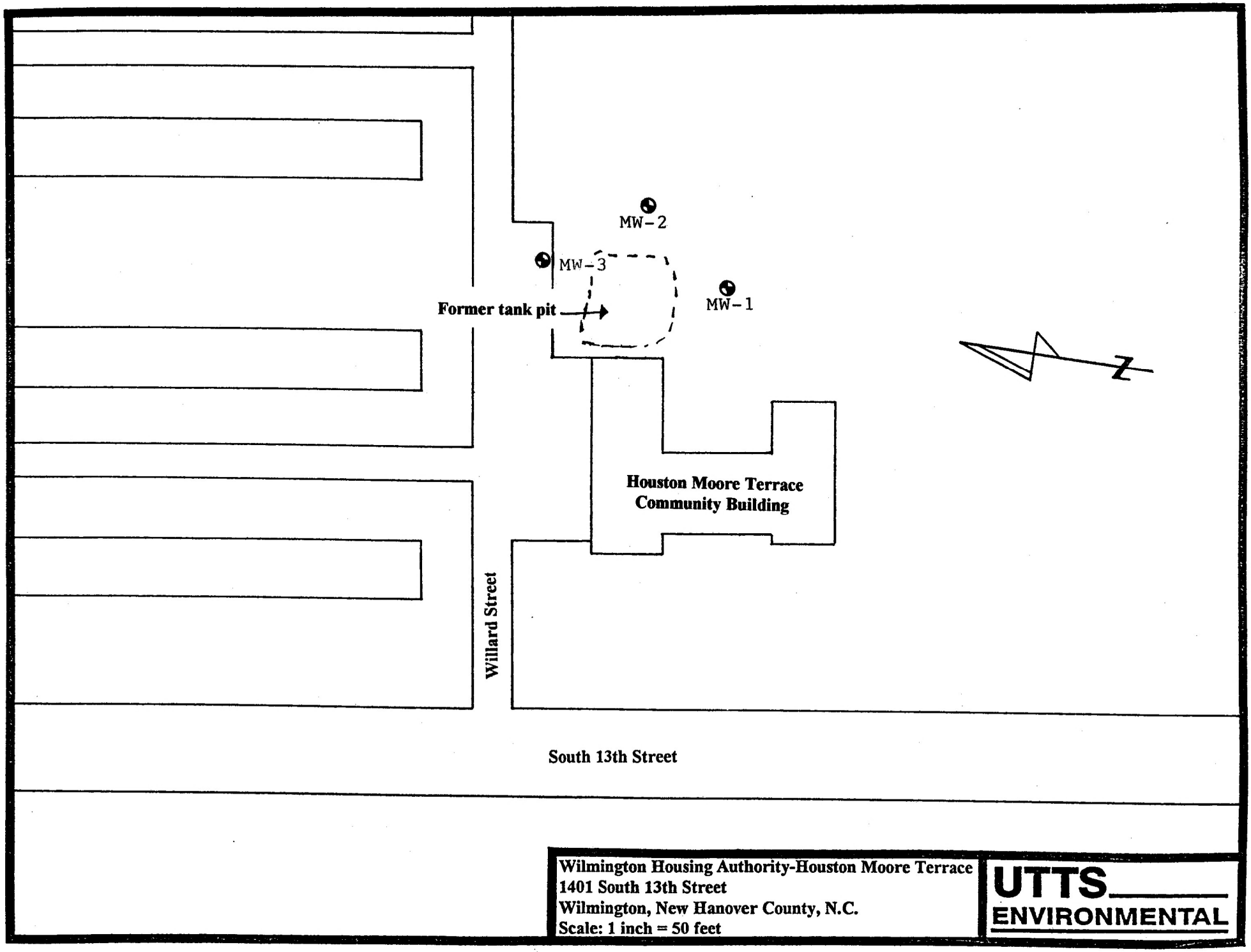
Brian E. Gurney UTTS/ENV. 07/26/95
SIGNATURE OF CONTRACTOR OR AGENT DATE

GW-1 REVISED 2/90

Submit original to Division of Environmental Management and copy to well owner.

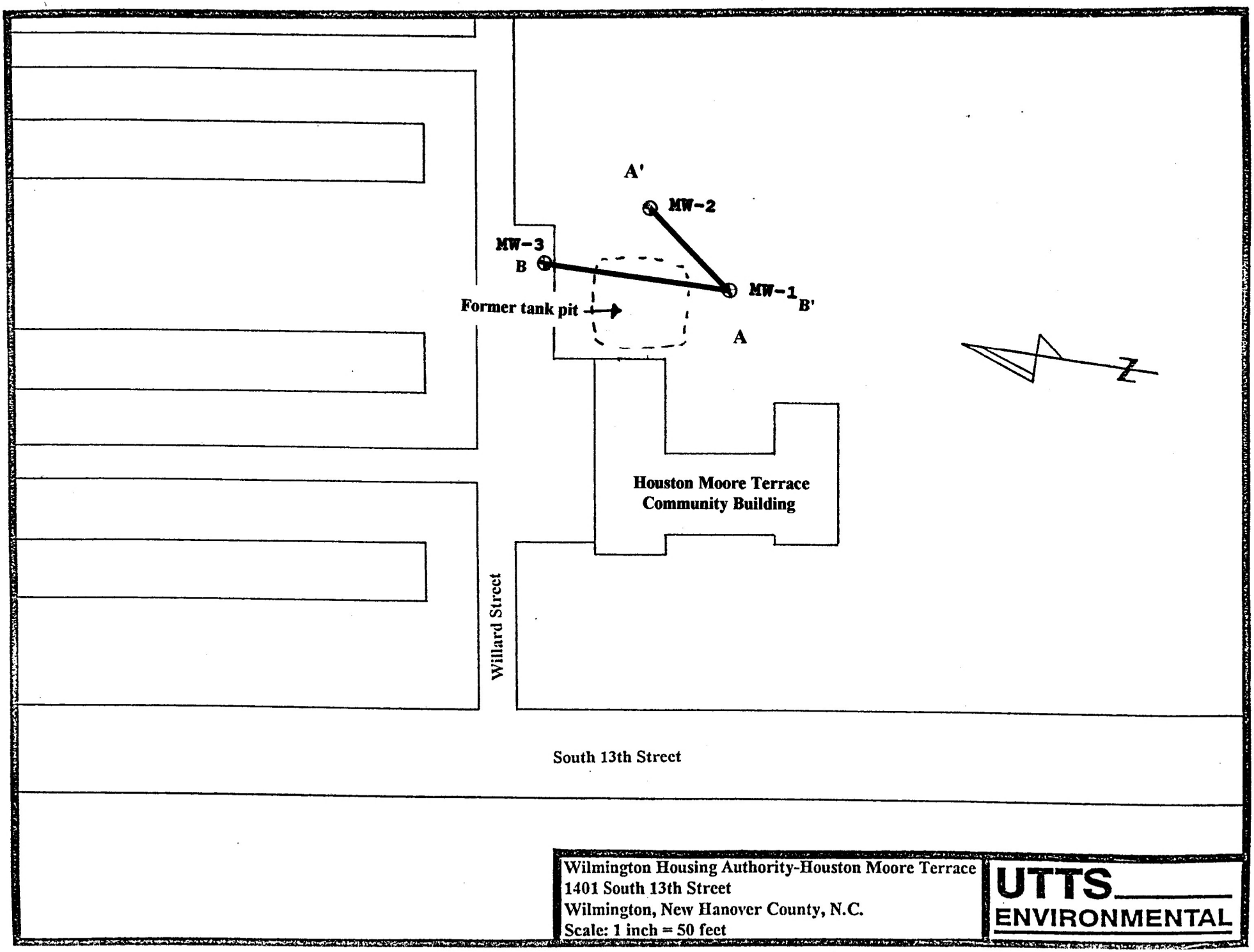
APPENDIX G

MONITORING WELL LOCATION MAP


MW-2
MW-3
MW-1
Former tank pit
Houston Moore Terrace
Community Building
Willard Street
South 13th Street
N
Wilmington Housing Authority-Houston Moore Terrace
1401 South 13th Street
Wilmington, New Hanover County, N.C.
Scale: 1 inch = 50 feet
UTTS
ENVIRONMENTAL

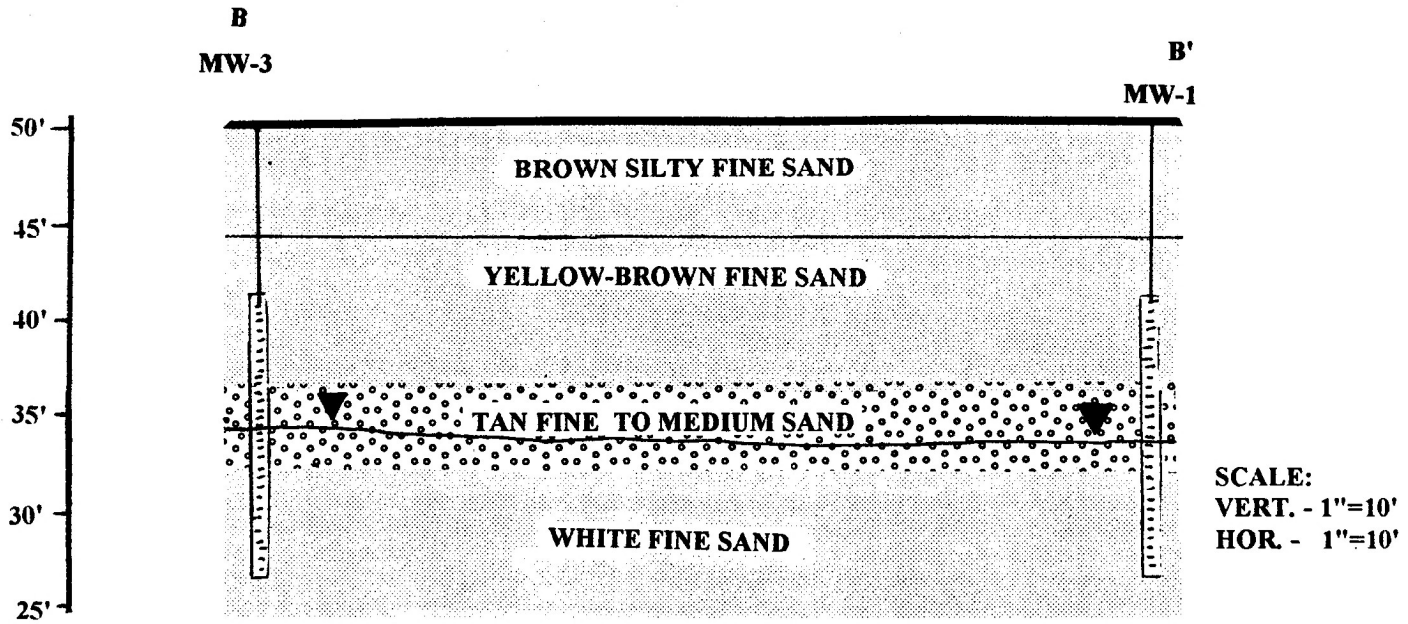
APPENDIX H

GEOLOGIC CROSS SECTIONS



Wilmington Housing Authority-Houston Moore Terrace
1401 South 13th Street
Wilmington, New Hanover County, N.C.
Scale: 1 inch = 50 feet

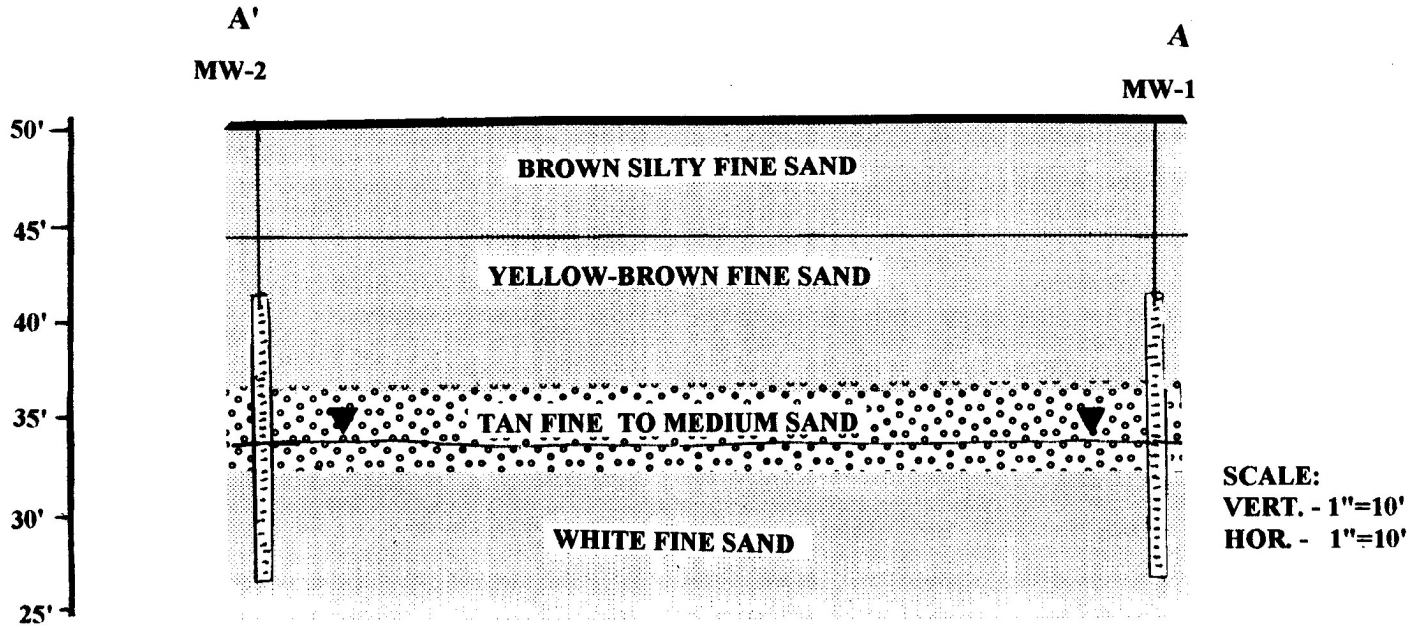
UTTS ENVIRONMENTAL



SCALE:
VERT. - 1"=10'
HOR. - 1"=10'

CROSSECTION B-B'
HOUSTON MOORE TERRACE
WILMINGTON, NC

UTTS
ENVIRONMENTAL



CROSSECTION A-A'
HOUSTON MOORE TERRACE
WILMINGTON, NC

UTTS ENVIRONMENTAL

APPENDIX I

SOIL OVA ANALYSES

SOIL OVA ANALYSES (ppm)

DEPTH	MW-1	MW-2	MW-3
4-6'	BDL	BDL	BDL
9-11'	BDL	BDL	BDL
14-16'	BDL	BDL	BDL
19-21'	BDL	BDL	BDL
21-24'	BDL	BDL	BDL

APPENDIX J

GROUND WATER SAMPLING PROTOCOL

Ground Water Sampling Protocol

The mechanical process of drilling disturbs the subsurface materials surrounding the borehole. These materials are suspended and transported within the ground water and can potentially accumulate within the well or slots of the well screen and seal the water bearing formation. Therefore, after installation, the wells are developed to remove these fines and drill cuttings by hand bailing the monitor well until the ground water appears to be free of the sediments.

After monitor well completion and development time was allowed to elapse (ie. greater than 24 hours) in order for the ground water to recover within the monitor well.

The depth to ground water was measured using a water meter. The depth to ground water was subtracted from the total depth of the monitor well, and a well volume was calculated. The wells were purged of a minimum of three to four well volumes to remove stagnant water using a one liter disposable polyethylene bailer prior to obtaining a ground water sample.

The ground water samples were placed in two 40 ml clear borosilicate vials with teflon coated septums for EPA Method 602 analysis and into two, one liter, amber, borosilicate jars with teflon coated septums for EPA Method 625 Base Neutral Extractables. All ground water samples were checked to insure that no air bubbles were present in laboratory samples. Sufficient hydrochloric acid was added to vials to achieve a pH of <2 for ground water samples obtained after October 1, 1994. The vials and jars were labeled, chain of custody records were filled out, and placed on ice for delivery to the laboratory for analysis.

APPENDIX K

GROUND WATER LABORATORY ANALYSES

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (919) 756-6230
FAX (919) 756-0633

JOB NAME:
HOUSTON MOORE TERRACE

PURCHASE ORDER #:
09197

U.T.T.S./ENVIRONMENTAL
P.O. BOX 8148
GREENVILLE, NC 27838

SAMPLE RECEIVED DATE:
07/27/95

SAMPLE COMPLETED DATE:
08/09/95

SAMPLE DESCRIPTION: HOUSTON MOORE; MW-1; 07/27/95; ANALYZED ON 08/04/95

BASE/NEUTRALS [GC/MS]
SEMI-VOLATILE ANALYSES, WATER
(METHOD 625 COMPOUND LIST)

PARAMETERS	RESULTS, mg/l
N-Nitrosodimethylamine	< 0.0100
Bis(2-chloroethyl)ether	< 0.0100
1,3-Dichlorobenzene	< 0.0100
1,4-Dichlorobenzene	< 0.0100
1,2-Dichlorobenzene	< 0.0100
Bis(2-chloroisopropyl)ether	< 0.0100
N-Nitrosodi-n-propylamine	< 0.0100
Nitrobenzene	< 0.0100
Isophorone	< 0.0100
Bis(2-Chloroethoxy)methane	< 0.0100
1,2,4-Trichlorobenzene	< 0.0100
Napthalene	< 0.0100
Hexachlorobutadiene	< 0.0100
Hexachlorocyclopentadiene	< 0.0100
2-Chloronapthalene	< 0.0100
Dimethylphthalate	< 0.0100
Acenaphthylene	< 0.0100
2,6-Dinitrotoluene	< 0.0100
Acenaphthene	< 0.0100
2,4-Dinitrotoluene	< 0.0100
Diethylphthalate	< 0.0100
Hexachloroethane	< 0.0100

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(Continued on page 2)

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (919) 756-0283
FAX (919) 756-0633

(Base Neutrals Fraction, Continued...)

JOB NAME:
HOUSTON MOORE TERRACE

SAMPLE DESCRIPTION: HOUSTON MOORE; MW-1; 07/27/95; ANALYZED ON 08/04/95

PARAMETERS	RESULTS, mg/l
Fluorene	< 0.0100
4-Chlorophenyl phenyl ether	< 0.0100
N-Nitrosodiphenylamine	< 0.0100
1,2-Diphenylhydrazine	< 0.0100
4-Bromophenyl phenyl ether	< 0.0100
Hexachlorobenzene	< 0.0100
Phenanthrene	< 0.0100
Anthracene	< 0.0100
Di-n-Butylphthalate	< 0.0100
Fluoranthene	< 0.0100
Benzidine	< 0.0100
Pyrene	< 0.0100
Butylbenzylphthalate	< 0.0100
Benzo[a]anthracene	< 0.0100
3,3'-Dichlorobenzidine	< 0.0100
Chrysene	< 0.0100
Bis(2-ethylhexyl)phthalate	< 0.0100
Di-n-octylphthalate	< 0.0100
Benzo[b]fluoranthene	< 0.0100
Benzo[k]fluoranthene	< 0.0100
Benzo[a]pyrene	< 0.0100
Indeno(1,2,3-c,d)pyrene	< 0.0100
Dibenzo[a,h]anthracene	< 0.0100
Benzo[g,h,i]perylene	< 0.0100

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#TPH625.BN

REVIEWED BY: Cindy Smith

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (919) 756-6200
FAX (919) 756-0630

JOB NAME:
HOUSTON MOORE TERRACE

PURCHASE ORDER #:
09197

U.T.T.S./ENVIRONMENTAL
P.O. BOX 8148
GREENVILLE, NC 27838

SAMPLE RECEIVED DATE:
07/27/95

SAMPLE COMPLETED DATE:
08/09/95

SAMPLE DESCRIPTION: HOUSTON MOORE; MW-2; 07/27/95; ANALYZED ON 08/04/95

BASE/NEUTRALS [GC/MS]
SEMI-VOLATILE ANALYSES, WATER
(METHOD 625 COMPOUND LIST)

PARAMETERS	RESULTS, mg/l
N-Nitrosodimethylamine	< 0.0100
Bis(2-chloroethyl)ether	< 0.0100
1,3-Dichlorobenzene	< 0.0100
1,4-Dichlorobenzene	< 0.0100
1,2-Dichlorobenzene	< 0.0100
Bis(2-chloroisopropyl)ether	< 0.0100
N-Nitrosodi-n-propylamine	< 0.0100
Nitrobenzene	< 0.0100
Isophorone	< 0.0100
Bis(2-Chloroethoxy)methane	< 0.0100
1,2,4-Trichlorobenzene	< 0.0100
Napthalene	< 0.0100
Hexachlorobutadiene	< 0.0100
Hexachlorocyclopentadiene	< 0.0100
2-Chloronapthalene	< 0.0100
Dimethylphthalate	< 0.0100
Acenaphthylene	< 0.0100
2,6-Dinitrotoluene	< 0.0100
Acenaphthene	< 0.0100
2,4-Dinitrotoluene	< 0.0100
Diethylphthalate	< 0.0100
Hexachloroethane	< 0.0100

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AUG 14 1995

(Continued on page 2)

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (919) 756-3238
FAX (919) 756-0633

(Base Neutrals Fraction, Continued...)

JOB NAME:
HOUSTON MOORE TERRACE

SAMPLE DESCRIPTION: HOUSTON MOORE; MW-2; 07/27/95; ANALYZED ON 08/04/95

PARAMETERS	RESULTS, mg/l
Fluorene	< 0.0100
4-Chlorophenyl phenyl ether	< 0.0100
N-Nitrosodiphenylamine	< 0.0100
1,2-Diphenylhydrazine	< 0.0100
4-Bromophenyl phenyl ether	< 0.0100
Hexachlorobenzene	< 0.0100
Phenanthrene	< 0.0100
Anthracene	< 0.0100
Di-n-Butylphthalate	< 0.0100
Fluoranthene	< 0.0100
Benzidine	< 0.0100
Pyrene	< 0.0100
Butylbenzylphthalate	< 0.0100
Benzo[a]anthracene	< 0.0100
3,3'-Dichlorobenzidine	< 0.0100
Chrysene	< 0.0100
Bis(2-ethylhexyl)phthalate	< 0.0100
Di-n-octylphthalate	< 0.0100
Benzo[b]fluoranthene	< 0.0100
Benzo[k]fluoranthene	< 0.0100
Benzo[a]pyrene	< 0.0100
Indeno(1,2,3-c,d)pyrene	< 0.0100
Dibenzo[a,h]anthracene	< 0.0100
Benzo[g,h,i]perylene	< 0.0100

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#TPH625.BN

REVIEWED BY: Craig Smith

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (919) 756-0136
FAX (919) 756-0633

JOB NAME:
HOUSTON MOORE TERRACE

PURCHASE ORDER #:
09197

U.T.T.S./ENVIRONMENTAL
P.O. BOX 8148
GREENVILLE, NC 27838

SAMPLE RECEIVED DATE:
07/27/95

SAMPLE COMPLETED DATE:
08/09/95

SAMPLE DESCRIPTION: HOUSTON MOORE; MW-3; 07/27/95; ANALYZED ON 08/04/95

BASE/NEUTRALS [GC/MS]
SEMI-VOLATILE ANALYSES, WATER
(METHOD 625 COMPOUND LIST)

PARAMETERS	RESULTS, mg/l
N-Nitrosodimethylamine	< 0.0100
Bis(2-chloroethyl)ether	< 0.0100
1,3-Dichlorobenzene	< 0.0100
1,4-Dichlorobenzene	< 0.0100
1,2-Dichlorobenzene	< 0.0100
Bis(2-chloroisopropyl)ether	< 0.0100
N-Nitrosodi-n-propylamine	< 0.0100
Nitrobenzene	< 0.0100
Isophorone	< 0.0100
Bis(2-Chloroethoxy)methane	< 0.0100
1,2,4-Trichlorobenzene	< 0.0100
Napthalene	< 0.0100
Hexachlorobutadiene	< 0.0100
Hexachlorocyclopentadiene	< 0.0100
2-Chloronapthalene	< 0.0100
Dimethylphthalate	< 0.0100
Acenaphthylene	< 0.0100
2,6-Dinitrotoluene	< 0.0100
Acenaphthene	< 0.0100
2,4-Dinitrotoluene	< 0.0100
Diethylphthalate	< 0.0100
Hexachloroethane	< 0.0100

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(Continued on page 2)

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (919) 756-0250
FAX (919) 756-0633

(Base Neutrals Fraction, Continued...)

==========

JOB NAME:
HOUSTON MOORE TERRACE

SAMPLE DESCRIPTION: HOUSTON MOORE; MW-3; 07/27/95; ANALYZED ON 08/04/95

==========

PARAMETERS	RESULTS, mg/l
Fluorene	< 0.0100
4-Chlorophenyl phenyl ether	< 0.0100
N-Nitrosodiphenylamine	< 0.0100
1,2-Diphenylhydrazine	< 0.0100
4-Bromophenyl phenyl ether	< 0.0100
Hexachlorobenzene	< 0.0100
Phenanthrene	< 0.0100
Anthracene	< 0.0100
Di-n-Butylphthalate	< 0.0100
Fluoranthene	< 0.0100
Benzidine	< 0.0100
Pyrene	< 0.0100
Butylbenzylphthalate	< 0.0100
Benzo[a]anthracene	< 0.0100
3,3'-Dichlorobenzidine	< 0.0100
Chrysene	< 0.0100
Bis(2-ethylhexyl)phthalate	< 0.0100
Di-n-octylphthalate	< 0.0100
Benzo[b]fluoranthene	< 0.0100
Benzo[k]fluoranthene	< 0.0100
Benzo[a]pyrene	< 0.0100
Indeno(1,2,3-c,d)pyrene	< 0.0100
Dibenzo[a,h]anthracene	< 0.0100
Benzo[g,h,i]perylene	< 0.0100

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AUG 14 1995

#TPH625.BN

REVIEWED BY: Cindy Smith

E. vironment 1, Incorporated
P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (919) 756-6208
FAX (919) 756-0633

RECEIVED
JUL 27 3 36 PM '95

CHAIN OF CUSTODY / SAMPLE REQUEST

CLIENT LITIS/E TELEPHONE # 919-758-0001

ADDRESS P.O. BOX 8148 GREENVILLE, N.C. 27835

CLIENT ID # HOUSTON MOORE TERRACE 9197 TYPE OF SAMPLES WATER

OF LOCATIONS 3 NAME OF SAMPLER(S) [signature]

DATE SAMPLED 7 / 27 / 95 TIME SAMPLED 11:00 : 12:00 (AM) or PM

SAMPLE LOCATION *	REQUESTED PARAMETERS *
HOUSTON MOORE TERRACE MW-1	625 BASE NEUTRALS
HOUSTON MOORE TERRACE MW-2	" " "
HOUSTON MOORE TERRACE MW-3	" " "

RELINQUISHED BY (signature)	DATE	TIME	RECEIVED BY (signature)	DATE	TIME
[signature]	7-27-95	12:00	[signature]	7-27-95	1220
RELINQUISHED BY (signature)	DATE	TIME	RECEIVED BY LAB (signature)	DATE	TIME
[signature]	7-27-95	3:10p			

SAMPLES:	YES	NO		YES	NO
CHILLED	✓		PRESERVED		✓

REMARKS:

* Please complete if requested samples vary from existing bottle labels. If there are no changes you may leave this section blank.

Instructions for completing this form are on the reverse side.

№ 29670

FORM #0021

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (919) 756-6208
FAX (919) 756-0633

JOB NAME:
HOUSTON MOORE TERRACE

PURCHASE ORDER #:
9196

U.T.T.S./ENVIRONMENTAL
P.O. BOX 8148
GREENVILLE, N.C. 27835

SAMPLE RECEIVED DATE:
07/27/95

SAMPLE COMPLETED DATE:
08/09/95

SAMPLE DESCRIPTION	SAMPLE ANALYSIS DATE
SAMPLE #1 : HOUSTON MOORE TERRACE; MW-1; 07/27/95	08/08/95
SAMPLE #2 : HOUSTON MOORE TERRACE; MW-2; 07/27/95	08/08/95
SAMPLE #3 : HOUSTON MOORE TERRACE; MW-3; 07/27/95	08/08/95
SAMPLE #4 :	

PURGABLE AROMATICS (MODIFIED)
(602 COMPOUNDS + XYLENES, MTBE, EDB)

PARAMETER	SAMPLE #1	SAMPLE #2	SAMPLE #3	SAMPLE #4
(All Results in ppm)				
Methyl Tert-Butyl Ether	< 0.0005	< 0.0005	< 0.0005	
Benzene	< 0.0005	< 0.0005	< 0.0005	
Toluene	< 0.0005	< 0.0005	< 0.0005	
Chlorobenzene	< 0.0005	< 0.0005	< 0.0005	
Ethylbenzene	< 0.0005	< 0.0005	< 0.0005	
Total Xylenes	< 0.0010	< 0.0010	< 0.0010	
1,3-Dichlorobenzene	< 0.0005	< 0.0005	< 0.0005	
1,4-Dichlorobenzene	< 0.0005	< 0.0005	< 0.0005	
1,2-Dichlorobenzene	< 0.0005	< 0.0005	< 0.0005	
Ethylene Dibromide	< 0.0005	< 0.0005	< 0.0005	

RECEIVED
AUG 14 1995

#TPH602M.1-4

REVIEWED BY: Cindy Smith

Environment 1, Incorporated

P.O. BOX 7085, 114 OAKMONT DRIVE
GREENVILLE, N.C. 27835-7085

PHONE (919) 756-6208
FAX (919) 756-0633

RECEIVED
JUL 27 3 35 PM '95

CHAIN OF CUSTODY / SAMPLE REQUEST

CLIENT UTTS/E TELEPHONE # 919-758-0001

ADDRESS P.O. Box 8148 GREENVILLE, N.C. 27835

CLIENT ID # HOUSTON MOORE TERRACE TYPE OF SAMPLES WATER

OF LOCATIONS 3 9196 NAME OF SAMPLER(S) Kenneth Hahn

DATE SAMPLED 7 / 27 / 95 TIME SAMPLED 11:00 : 12:00 (AM) or PM

SAMPLE LOCATION *	REQUESTED PARAMETERS *
HOUSTON MOORE TERRACE MW-1	602, XYLENES, MTBE, Ed13
HOUSTON MOORE TERRACE MW-2	〃 〃 〃 〃
HOUSTON MOORE TERRACE MW-3	〃 〃 〃 〃

RELINQUISHED BY (signature)	DATE	TIME	RECEIVED BY (signature)	DATE	TIME
Kenneth Hahn	7-27-95	12:00	[illegible]	7-27-95	1220
RELINQUISHED BY (signature)	DATE	TIME	RECEIVED BY LAB (signature)	DATE	TIME
[illegible]	7-27-95	3:10 p			

		YES	NO		YES	NO
SAMPLES:	CHILLED	✓		PRESERVED	✓	

REMARKS: 1-1 HCL

* Please complete if requested samples vary from existing bottle labels. If there are no changes you may leave this section blank.

Instructions for completing this form are on the reverse side.

№ 29671

FORM #0021

APPENDIX L

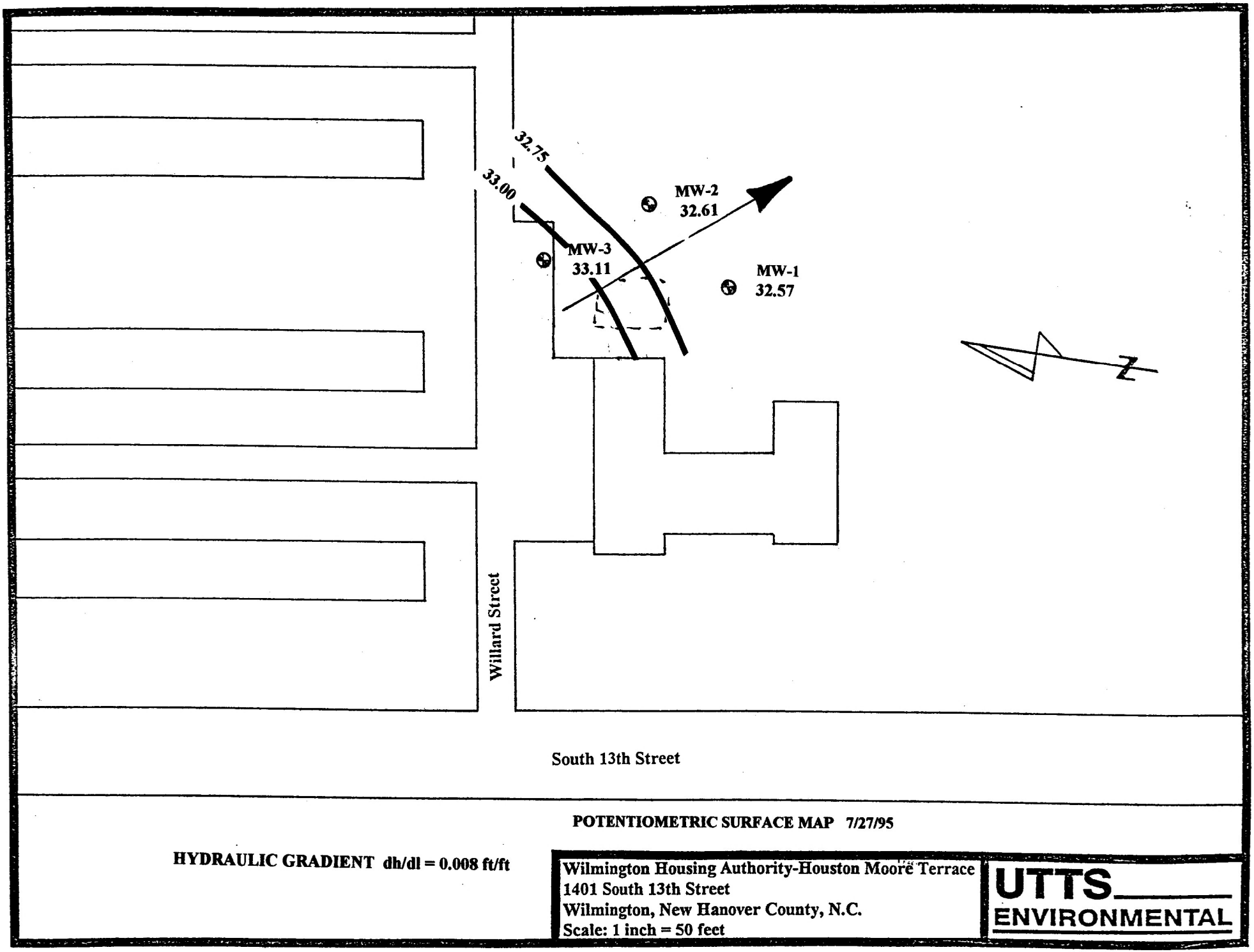
GROUND WATER DATA

DEPTH TO GROUND WATER (FT.)		
WELL #	**TOC ELEV.**	**7/27/95**
MW-1	50.00	17.43
MW-2	49.18	16.57
MW-3	48.84	15.73

GROUND WATER ELEVATION (FT.)		
WELL #	**TOC ELEV.**	**7/27/95**
MW-1	50.00	32.57
MW-2	49.18	32.61
MW-3	48.84	33.11

APPENDIX M

POTENTIOMETRIC SURFACE MAP



POTENTIOMETRIC SURFACE MAP 7/27/95

HYDRAULIC GRADIENT dh/dl = 0.008 ft/ft

Wilmington Housing Authority-Houston Moore Terrace
1401 South 13th Street
Wilmington, New Hanover County, N.C.
Scale: 1 inch = 50 feet

UTTS ENVIRONMENTAL

State of North Carolina
Department of Environment and Natural Resources
Wilmington Regional Office
Division of Waste Management
UST Section

Michael F. Easley, Governor
William G. Ross Jr., Secretary
Dexter R. Matthews, Director

NCDENR
NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

June 12, 2003

Mr. Richard James, Asst. Executive Director
Housing Authority of Wilmington
508 S. Front Street
Wilmington, NC 28401

Subject: No Further Action
City of Wilmington-Houston Moore
1601 S. 13th Street
Incident No. 15095
Wilmington
New Hanover County

Dear Mr. James:

The Division has reviewed the file for the subject incident site. Information contained within the Tank Closure Report shows that oil and grease tests were over the method detection limit, however, they were below regulatory action levels (SSE) in effect at that time. Also, no groundwater contamination was detected near the former tank basins. Therefore, no further action is required in regard to the subject incident at this time.

If you have any questions concerning this letter, please contact Bruce Reed at (910) 395-3900.

Sincerely,

David R. Holsinger, P.E.
Regional UST Supervisor

DRH/BAR

cc: Rob Krebs
David E. Rice (New Hanover County Health Dept.)
WiRO-UST

s:\ust\bruce\james.nfa

/pdot

State of North Carolina
Department of Environment and Natural Resources
Wilmington Regional Office
Division of Water Quality
Groundwater Section

James B. Hunt, Jr., Governor
Wayne McDevitt, Secretary

NCDENR
North Carolina Department of Environment and Natural Resources

April 14, 1998

Mr. Keye Jones
BellSouth Telecommunications
408 Southern National Center
P. O. Box 30188
Charlotte, NC 28230

Subject: Return of Pre-approval Request
Southern Bell Telephone #29160
Incident No. 7285
Wilmington, New Hanover County

Dear Mr. Jones:

Thank you for submitting the subject information to this office on April 8, 1998. The Division has reviewed the pre-approval request and is returning it at this time due to the following reasons:

- The site is low risk, and was last reported to have very low levels of dissolved contamination in the groundwater.
- 15A NCAC 2L was amended on January 2, 1998. These changes allow easier closure of petroleum incidents once a site is declared low risk. Please see the new rule and guidelines on the Internet at http://gw.ehnr.state.nc.us.
- Due to the above items, we do not feel that further groundwater testing at the site is necessary at this time. Therefore, we are returning the subject request. However, please submit a pre-approval request for a Soil Cleanup Report with Site Closure Request so that this incident can be closed by the Division.

Thank you for your attention to this matter. If you have any questions concerning this letter, please call Bruce Reed at (910) 395-3900.

Yours very truly,

Charles F. Stehman
Environmental Regional Supervisor I

Attachment

CFS/BAR

cc: Timothy McCorkle (QST)
WiRO-GWS *s:\bruce\jones.apr*

April 6, 1998

RECEIVED
APR 08 1998

Mr. Charlie Stehman, Ph.D.,P.G.
NC DEHNR-Wilmington Regional Office
Groundwater Section
127 Cardinal Drive Extension
Wilmington, NC 28405-3845

RE: Pre-Approval Request for Groundwater Monitor Well Sampling
BellSouth Telecommunications
1507 Greenfield Street, Wilmington, North Carolina
Incident No. 7285

Dear Mr. Stehman:

As required by the North Carolina Department of Environment, and Natural Resources (NC DENR), August 1, 1997 guidance, this proposal has been developed for your review for the referenced facility. Included in this proposal are the necessary documentation and cost information to obtain pre-approval for expenditures related to sampling and analysis of 8 monitor wells to compare existing concentrations to levels required for site closure.

Scope of Work

- Sampling any diameter size or depth well (Task 4.031) - QST will sample 6 of the 10 existing wells (MW-1,MW-3 through MW-7)
- Analytical costs (Task 4.090) - QST will have the samples collected analyzed for volatile organics by EPA methods 601 and 602 (Code # 230 on the reasonable rate forms)
- Required consultant travel for one person (Task 4.100) - QST will travel a roundtrip total of 350 miles during the performing of this event.
- Trust fund reimbursement forms will be prepared following this event.

The proposed cost to conduct these site activities is $2112.50. Table 1 presents a breakdown of costs by task and accompanies the attached Pre-Approval Task Authorization Form.

We appreciate the opportunity to present this proposal to you. Please call me at (704) 527-7880 if you have any questions or comments.

Sincerely,

QST Engineering

Timothy McCorkle
Project Manager

pc: QST Proposal File 2596236999

Table 1.
TASKS COSTS FOR BELLSOUTH TELECOMMUNICATIONS
Wilmington, North Carolina

ITEM	TASK NO.	QUANTITY	ESTIMATED COST ($)
Sampling any Diameter size or Depth Well	4.031	6 wells at $100 each	600.00
Analytical	4.090	6 samples at $135.00 each	810.00
Required mobilization and demobilization from site for one person	4.100	350 miles at $1.75 per mile	612.50
Preparation of Reimbursement Claims (Prepared quarterly)	4.000	3 task codes	90.00

TOTAL **$2112.50**

RECEIVED
APR 08 1998

RE-APPROVAL

TASK AUTHORIZATION FORM

Department of Environment, Health & Natural Resources
Division of Water Quality

Site Name BellSouth Telecommunications Site Rank _____ Incident # 7285 (update)
City Wilmington County New Hanover
Owner/Operator/Landowner/Attorney-in-fact BellSouth Telecommunications, Inc.
Name of Consulting Firm GST Environmental
Name of Project Manager (consultant) Tim Markle
Date of Proposal (consultant) 4-6-98 Proposal Number (consultant) 259623699
Consultant Phone (704) 527-9623 Consultant Fax (704) 525-6319
Regional Office Wilmington Incident Manager (if known) Mr. Charlie Stehman (Mr. Bruce Reed)
Site Status X Commercial ___ Non-Commercial
Has State Trust Fund eligibility been determined? X Yes or ___ No
TASK AUTHORIZATION NUMBER (assigned by region) _____

TOTAL AMOUNT NOT TO EXCEED (this task authorization) _____

Note to reimbursement claimants: Proposals are required to elaborate on the costs for the tasks listed below and describe the scope of work and the rationale for conducting these activities. Pre-approval from the appropriate regional office for tasks that could not have been reasonably anticipated or for tasks that were inadvertently omitted in the original task authorization, also requires a "CHANGE ORDER FORM" to be submitted and approved by the appropriate regional office. Written justification(s) must be provided to the regional office before a change order can be granted. When all authorized work is completed and the claim is to be compiled, it is **required** that a copy of the approved and signed (by the region) "TASK AUTHORIZATION FORM" and any previously approved "CHANGE ORDER FORM" with written justification be incorporated into the claim. Claims will not be processed without these documents. ***Final reimbursement of costs associated with the above authorized amount may vary depending on eligibility status of the site (i.e., deductibles, apportionment, etc.). Costs associated with developing and submitting a proposal, the task authorization or change order form are not reimbursable.***

Task Number	Requested Amt. (Consultant)	Approved Amt. (Regional Office)	Task Number	Requested Amt. (Consultant)	Approved Amt. (Regional Office)
4.031	$600.00				
4.090	$810.00				
4.100	$612.50				
4.000	$90.00				

INCIDENT MANAGER AUTHORIZATION _____ DATE _____

GROUNDWATER SUPERVISOR AUTHORIZATION _____ DATE _____

DEADLINE FOR TASK COMPLETION _____

BELLSOUTH TELECOMMUNICATIONS

Environmental Management

408 Southern National Center
P.O. Box 30188
Charlotte, North Carolina 28230

CERTIFIED MAIL Z 029 031 792
RETURN RECEIPT REQUESTED

NC → 7285

RECEIVED
SEP 21 1993

September 10, 1993

North Carolina Department of Environment,
Health & Natural Resources
Division of Environmental Management
Wilmington Regional Office
127 Cardinal Drive Extension
Wilmington, N. C. 28405-3845

Re: BellSouth Telecommunications
Environmental Site Assessment
1507 Greenfield Street
Wilmington, North Carolina
GLC #29160

Dear Sir:

Attached for your use and information is the above referenced site assessment.

Please let me know should you require additional information.

Yours truly,

Kaye D Jones

K. D. Jones
Environmental Control Manager - N. C.

KDJ/kam

Attachment

RECEIVED
SEP 21 1993

GROUNDWATER TECHNOLOGY

Groundwater Technology, Inc.
1000 Perimeter Park Drive, Suite 1, Morrisville, NC 27560 USA
Tel: (919) 467-2227

ENVIRONMENTAL SITE ASSESSMENT

BellSouth Telecommunications
Southern Bell Facility #29160
1507 Greenfield Street
Wilmington, North Carolina

September 3, 1993

Prepared for:
Mr. Keye Jones
BellSouth Telecommunication
408 Southern National Center
P.O. Box 30188
Charlotte, North Carolina 28230

Prepared by:
Groundwater Technology, Inc.

Eric B. Jenkins
Geologist

Reviewed by:

Beau Hodge, P.G.
North Carolina Registration # 1243

NORTH CAROLINA LICENSED SEAL 1243 GEOLOGIST BEAUMONT HODGE

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1.0 INTRODUCTION

At the request of BellSouth Telecommunication, Groundwater Technology, Inc. has completed additional site assessment activities at the Southern Bell Facility #29160 located at 1507 Greenfield Street in Wilmington, North Carolina (Figure 1). The objective of this investigation was to determine the extent of petroleum hydrocarbons in the subsurface at the site. The likely source of petroleum hydrocarbons in the subsurface is from the former petroleum underground storage tank (UST) and associated product lines.

This report presents a compilation and interpretation of the information acquired as a result of the investigative activities performed during July 19 through August 3, 1993, as well as a summary of environmental work performed at the site to date.

Four wells (MW-5, MW-6, SV-1, and SV-2) were installed during the period of July 19 and 20, 1993. Two shallow Type II monitoring wells (MW-5 and MW-6) were installed to delineate the hydraulically downgradient extent of the dissolved plume. The remaining two wells (SV-1 and SV-2) were installed to facilitate the completion of a soil vapor extraction pilot test. In addition to well installation, investigative activities completed at the site included soil and groundwater sampling/analysis, drill cutting material characterization and reclamation.

2.0 BACKGROUND

The subject site is leased by Southern Bell and is used as a Service Operations Center (SOC). On-site structures consists of two buildings, parking areas, and a retention pond.

On December 30, 1991, Groundwater Technology personnel observed the removal of a 12,000-gallon gasoline underground storage tank (UST) at the subject site. No visible signs of puncture, pitting, or corrosion were identified during the tank inspection. During excavation procedures, groundwater was encountered at a depth of approximately 4.5 feet below surface grade. Following removal of the tank, three soil samples and one groundwater sample were collected and analyzed according to NCDEHNR guidelines. Laboratory analytical results indicate that total petroleum hydrocarbons (TPH) as gasoline were not detected above corresponding method detection limits in any of the three soil samples collected from the bottom of the excavation. However, laboratory results of the groundwater analysis indicated the presence of total dissolved BTEX at a concentration of 330 parts per billion (ppb). Removal of the tank and its contents prevents any further release of petroleum into the environment. Product lines were purged of any residual petroleum and capped in place.

In response to dissolved hydrocarbon concentrations exceeding NCDEHNR water quality standards, a Notice of Regulatory Requirement (NORR) was issued by the NCDEHNR-Wilmington Regional office to BellSouth Services on April 6, 1992. An environmental site assessment was conducted by Groundwater Technology during April 1992. Assessment activities included the installation of four Type II monitoring wells (MW-1 through MW-4), soil and groundwater sampling/analysis, and drill cutting material classification. Soil analytical results indicated that TPH as gasoline was not detected at concentrations exceeding corresponding laboratory detection limits (1 ppm). Laboratory analytical results of the groundwater samples collected from MW-3 indicated the presence of dissolved benzene at a concentration of 27 ppb, which is in excess of the NCDEHNR water quality standards. The remaining dissolved BTEX constituents from the groundwater sample obtained from MW-3 were present at concentrations less that NCDEHNR standards. Dissolved BTEX constituents in the remaining three wells did not exhibit concentrations above method detection limits. MTBE was only detected in one (MW-3) of the four wells sampled at a concentration of 9 ppb.

3.0 INVESTIGATIVE METHODS

The following presents a summary of investigative activities completed at the site during July 19 through August 3, 1993. Detailed description of the field protocols adhered to in the field for each investigative activity are presented in Appendix A.

3.1 Drilling and Soil Sampling

A total of four borings (MW-4, MW-6, SV-1, and SV-2) were advanced into the subsurface at Southern Bell facility during July 19 and 20, 1993, to further define the horizontal extent of petroleum hydrocarbons in the subsurface. The borings were drilled using a truck-mounted CME-75. Drilling logs are presented in Appendix B.

During drilling operations, soil samples were collected from each well boring in continuous 2-foot intervals using split spoon sampling devices until the water table was encountered and on every five feet thereafter. A description of the material retained in each split spoon sampler was logged by a geologist, and a representative portion of the material retained was placed in a resealable plastic bag and allowed to equilibrate. The remaining portion of each sample was placed into labelled laboratory containers that were subsequently placed on ice in a cooler. After an equilibrium period of approximately 15 minutes, the probe tip of a photo ionization detector (PID) was inserted into the resealable plastic bag and the headspace reading of total volatile organic compounds (VOCs) were recorded. PID response valves for each sample was recorded in the drill logs presented in Appendix B. Soil sampling protocol adhered to in the field is presented in Appendix A.

Upon completion of each boring, PID response values for all soil samples were evaluated and the sample from each boring exhibiting the highest PID response value was retained and submitted for laboratory analysis. The retained soil samples were shipped via overnight courier to GTEL Environmental Laboratories, Inc. for analysis of TPH as gasoline by modified EPA Method 8015.

3.2 Monitoring Well Installation

Two of the four borings drilled at the site were completed as shallow Type II monitoring wells (MW-5 and MW-6) to determine the extent of dissolved-phase petroleum hydrocarbons in the shallow aquifer. The remaining two borings (SV-1 and SV-2) were completed and constructed as soil vapor extraction pilot test points. The locations and corresponding designations of the wells are depicted on the site map (Figure 2). Construction details and schematic cross-sections of the wells are presented in the drill logs presented in Appendix B and summarized in Table 1.

Subsequent to well installation, each newly installed well was developed and surveyed for vertical and horizontal locations according to field protocol presented in Appendix A.

3.3 Drill Cutting Material Classification

All drill cuttings generated during the drilling activities were staged on and covered within plastic at the facility pending analysis for material classification. On August 3, 1993, a composite soil sample was collected from the drill cuttings and submitted to GTEL Environmental Laboratories, Inc. for analysis of the following parameters to determine waste characteristics and to satisfy laboratory analytical requirements for a state-approved brick manufacturing facility:

- TPH as gasoline by Modified EPA Method 8015 using SW-846 Method 5030;
- BTEX by EPA Method 8020;
- Total organic halogens (TOX) by EPA Method 9020;
- Eight RCRA Metals by Toxicity Characteristic Leading Procedure (TCLP); and
- Reactivity, Corrosivity, and ignitability.

3.4 Groundwater Gauging and Sampling

All wells were gauged on August 3, 1993, using an electronic Interface Probe™ (IP) to determine the depth to groundwater and to check for the presence/absence of liquid-phase hydrocarbons (LPH). LPH were not detected in any of the wells during this gauging event. Groundwater samples were collected from all existing monitoring wells at the site on August 3, 1993. Groundwater samples were collected with disposable bailers dedicated to each individual well in order to eliminate the potential of cross contamination. Upon collection,

groundwater samples were transferred to laboratory containers, placed on ice for preservation and shipped to GTEL Environmental Laboratories, Inc. to be analyzed for BTEX, isopropyl ether (IPE) and methyl-tert-butyl-ether (MTBE) using modified EPA Method 602, 1-2 Dibromoethane (EDB) by EPA Method 504[a], and purgeable hydrocarbons by EPA Method 601[a].

4.0 RESULTS

4.1 Site Geology

The site is located in the Coastal Plain Physiographic Province of North Carolina, which is characterized by gently rolling hills and generally low topographic relief. The topography of the site is relatively flat, gently sloping to the south-southwest. The City of Wilmington is underlain by the Tertiary-Age, Eocene, Castle Hayne Formations. Unconsolidated sediments of post-Eocene age overlie the Castle Hayne Formation that consists of sand and marls with some sandy, clayey discontinuous lenses (Brown, 1958).

As of July 20, 1993, eight borings have been advanced into the subsurface at the Southern Bell Facility. Subsurface material encountered during drilling operations were logged by a geologist. Based on the lithology recorded from the drill logs, two geologist cross-sections have been prepared. Figure 3 depicts the locations of the two cross-sections (A-A' and B-B'). Cross-section A-A' (Figure 4) is oriented in a north-south direction and cross-section B-B' (Figure 5) is oriented in a west-east direction. The two cross-sections depict that the subsurface material encountered consisted of fine-grained sand with traces of silt, which coarsens downward into a well-rounded, medium-to-coarse grained sand.

4.2 Site Hydrology

During auger advancement, saturated soils were encountered at depth ranging from approximately 5 to 8 feet below grade. Subsequent, liquid level measurements indicated that depth to groundwater in the existing wells ranged from 4.47 feet to 7.35 feet below grade. Water-table elevations for the August 3, 1993 groundwater sampling event are listed in Table 2, and a water-table elevation contour map based on this data is presented as Figure 6. Water-table elevation contours indicate that shallow groundwater at the site flows in a south-southwest direction, which is consistent with site surface drainage patterns and topography.

4.3 Results of Investigation

The results of assessment activities indicate the presence of petroleum hydrocarbons in the subsurface at the subject Southern Bell facility. The following sections address the concentrations and distribution of petroleum hydrocarbons detected in the site's subsurface during this phase of the assessment.

4.3.1 Soil Analytical Results

During the installation of the four monitoring wells (MW-5, MW-6 and SV-1 and SV-2), soil samples were collected with split-spoon samplers, screened in the field for the presence of VOCs with a PID, and submitted for laboratory analysis. Table 3 presents a summary of PID readings and corresponding laboratory analytical results obtained from the soil samples collected during well installation.

During field screening activities, VOC concentrations were only detected in one of the thirteen soil samples collected. This sample was obtained from the boring of MW-6 at a depth of 3 to 5 feet below grade and registered a PID response value of 4.0.

Laboratory analytical results from the soil samples collected during this phase of the assessment indicate that TPH as gasoline was not detected at concentrations exceeding the corresponding laboratory detection limit of 1 ppm. Copies of the original laboratory reports for the soil samples are presented in Appendix D.

4.3.2 Groundwater Analytical Results

Groundwater samples were collected from all eight wells at the site on August 3, 1993. All groundwater samples collected were analyzed for BTEX, MTBE and IPE by modified EPA Method 602, EDB by EPA Method 504, and purgeable halocarbons by EPA Method 601. Summarized analytical data for this sampling event are presented in Appendix E.

Laboratory analytical results indicate that dissolved BTEX constituents were detected in 4 of the 8 monitoring wells at the site. Total dissolved BTEX concentrations ranged from less than detection limit at wells MW-1, MW-2, MW-4 and MW-5 to 240 parts per billion (ppb) at well SV-2. Dissolved benzene was detected in monitoring wells MW-3, SV-1 and SV-2 at concentrations of 2 ppb, 2 ppb, and 230 ppb, respectively. Well SV-2 is located approximately 94 feet hydraulically downgradient of the former UST location. Dissolved MTBE was detected

in the groundwater sample obtained from SV-2 at a concentration of 25 ppb. IPE was not detected at concentrations above the method detection limit.

Dissolved EDB and semi-volatiles were not detected above corresponding laboratory detection limits in the groundwater samples collected during this phase of the assessment.

4.3.3 Drill Cutting Material Classification

Laboratory analytical results of the composite sample (Comp-1) collected from the drill cuttings generated during well installation operations in July, 1993, indicate that the sample did not exhibit characteristics of reactivity,, ignitability or corrosivity. The laboratory results of RCRA metals by TCLP indicate that none of the metals were detected in concentrations above corresponding maximum allowable TCLP concentration limits. Additionally, analytical results of the composite sample indicate that the drill cuttings meet requirements for reclamation in Cherokee's Sanford brick manufacturing process. Copies of the original laboratory reports are presented in Appendix F.

5.0 INTERPRETATIONS AND CONCLUSIONS

The interpretations and conclusions presented in this section are based on the soil and groundwater analytical data generated to date from samples collected from soil borings and the existing monitoring well network at the site.

5.1 Soils

Based on laboratory analytical results of the soil samples collected from the site to date, the presence of petroleum hydrocarbons in the soil have not been detected. Laboratory analytical results of the soil samples collected during the tank excavation, as well as all soil samples collected prior to source removal indicate that TPH as gasoline has not been detected above corresponding method detection limits. Since adsorbed-phase hydrocarbons have not been detected at the site, treatment and/or removal of the soil at the site is not required according to the "Guidelines for Remediation of Soil Contaminated by Petroleum" (NCDEHNR, 1988).

5.2 Groundwater

Based on Groundwater Technology's interpretation of the North Carolina classification and Water Quality Standards (15 NCAC 2L), groundwater at the site is classified as Class GA groundwater. This classification represents all groundwater that are existing or potential sources of: 1) drinking water for humans; 2) water supply for potable mineral water and conversion to fresh waters; and/or 3) water supply for purposes other than drinking.

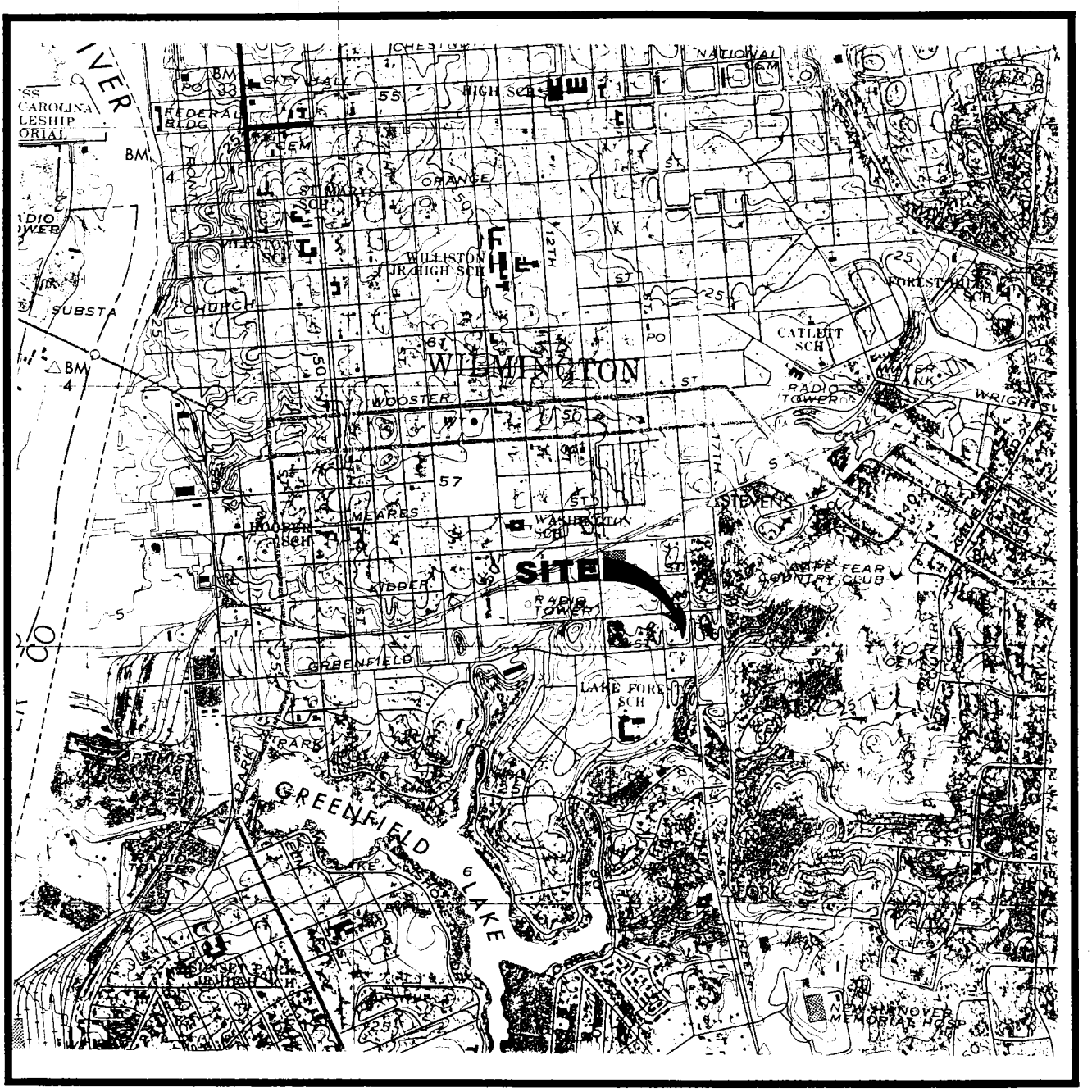
Currently, the State of North Carolina has published (listed) water quality standards for benzene, toluene, ethylbenzene, xylenes, and MTBE (15 NCAC 2L). These standards are listed below:

Compound	15 NCAC 2L Standards (ppb)
Benzene	1
Toluene	1,000
Ethylbenzene	29
Xylene	400
MTBE	200

Detected concentrations of these compounds exceed the 15 NCAC 2L standards at three of the eight monitoring well locations. The presence of dissolved BTEX constituents at the site is consistent with truck refueling operations at the service operations center. The likely sources of the petroleum hydrocarbons in the groundwater at the site are the former gasoline UST (removed) and/or the associated product supply lines. Distribution maps of dissolved benzene and total BTEX concentrations in the shallow groundwater wells at the site are presented as Figure 7 and 8, respectively. The distribution maps indicate that the greatest concentration of dissolved BTEX constituents are located in well SV-2.

Based on groundwater laboratory results, hydrocarbon concentrations in SV-2 (240 ppb total BTEX) are most likely contributed to a former line leak. Product lines at the site are located down the middle of the eastern concrete pad and run parallel to the pad in a north-south direction. These lines were purged of petroleum hydrocarbons and capped during tank removal activities performed in December 1991 (refer to Section 2.0).

The horizontal extent of dissolved BTEX, MTBE and semi-volatile organic compounds have been inferred, based on the 15 NCAC 2L standards, by dissolved concentrations in the peripheral wells (MW-1, MW-2, MW-4, MW-5 and MW-6).



1 1/2 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER



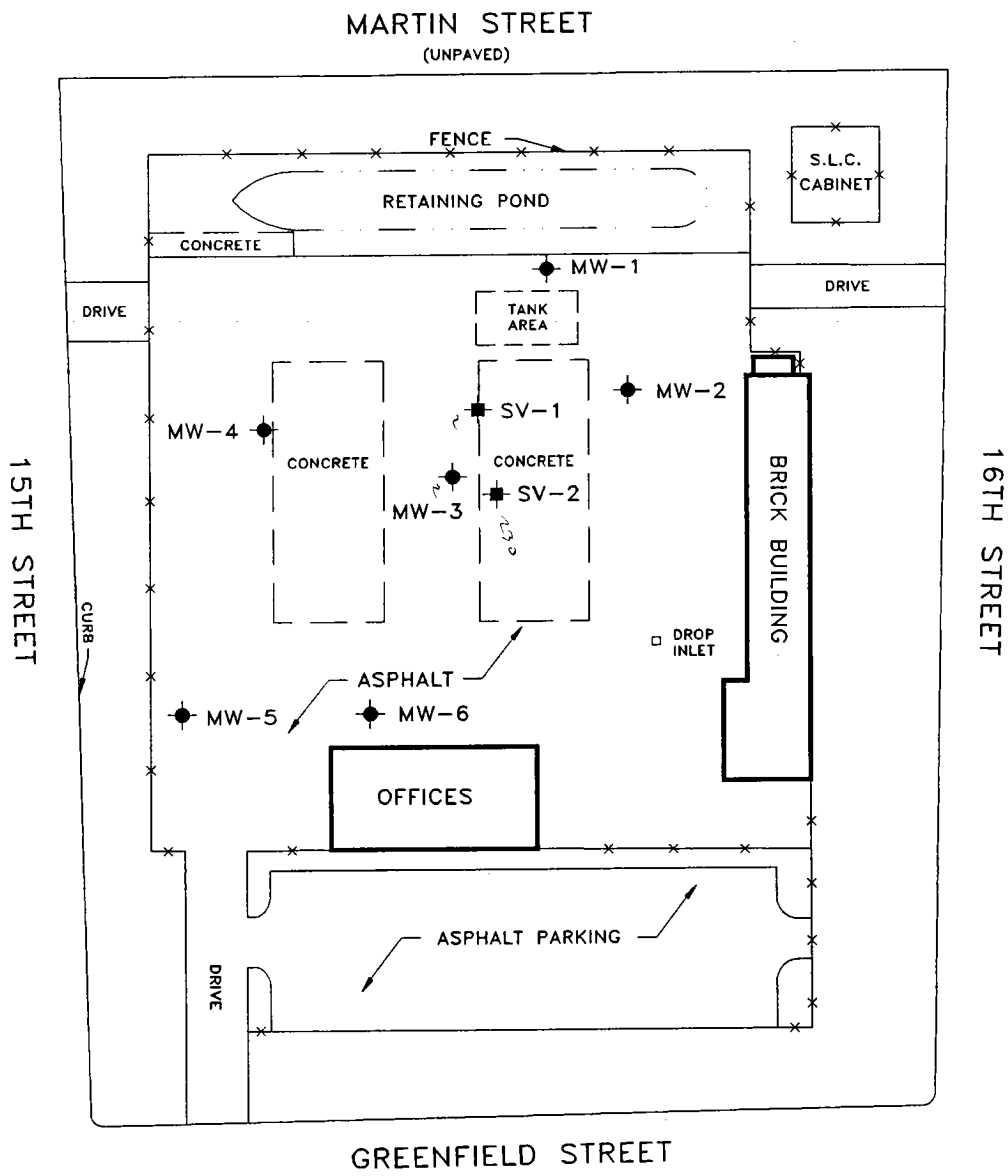
QUADRANGLE LOCATION

FIGURE 1
SITE LOCATION MAP
SOUTHERN BELL FACILITY
1507 GREENFIELD ST.
WILMINGTON, NORTH CAROLINA
053243716

N

WILMINGTON, NC
7.5' QUADRANGLE
N3407.5–W7752.5/7.5
1989

GROUNDWATER TECHNOLOGY, INC.



LEGEND

- GROUNDWATER MONITORING WELL
- SOIL VAPOR EXTRACTION WELL

N

80 0 80

SCALE FEET

SOURCE: JAMES L. HAINES & ASSOC. - 8/20/[illegible]VEY

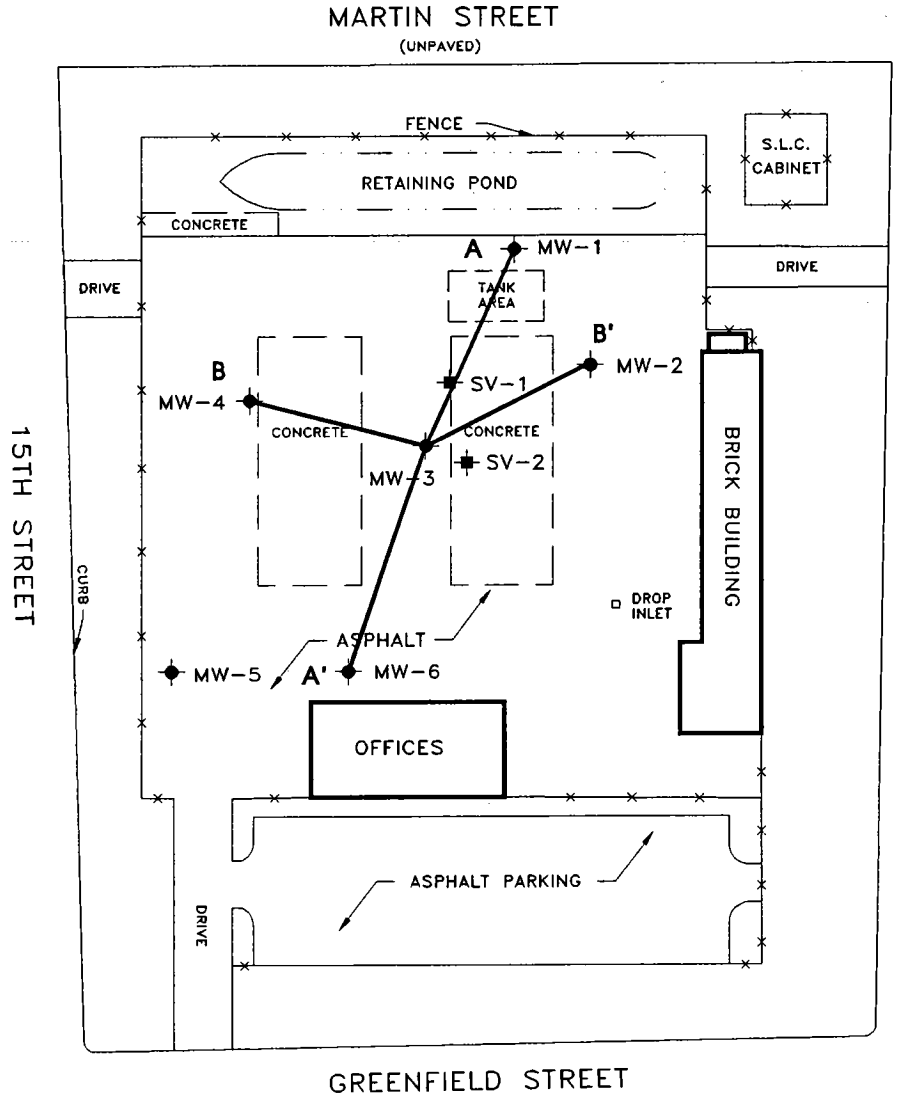
GROUNDWATER TECHNOLOGY
1000 PERIMETER PARK DR.
SUITE I
MORRISVILLE, NC 27560
(919) 467-2227

REV. NO.:	DRAWING DATE:	ACAD FILE:
	9/2/93	3716-893

SITE MAP

CLIENT:	PM:
BELLSOUTH TELECOMMUNICATIONS	
LOCATION: 1507 GREENFIELD ST. WILMINGTON, NC	PE/RG:

DESIGNED:	DETAILED:	PROJECT NO.:	FIGURE:
EBJ	FKP	053253716	2



LEGEND

- GROUNDWATER MONITORING WELL
- SOIL VAPOR EXTRACTION WELL

N

80 0 80

SCALE FEET

SOURCE: JAMES L. HAINES & ASSOC. - 8/20/93 SURVEY

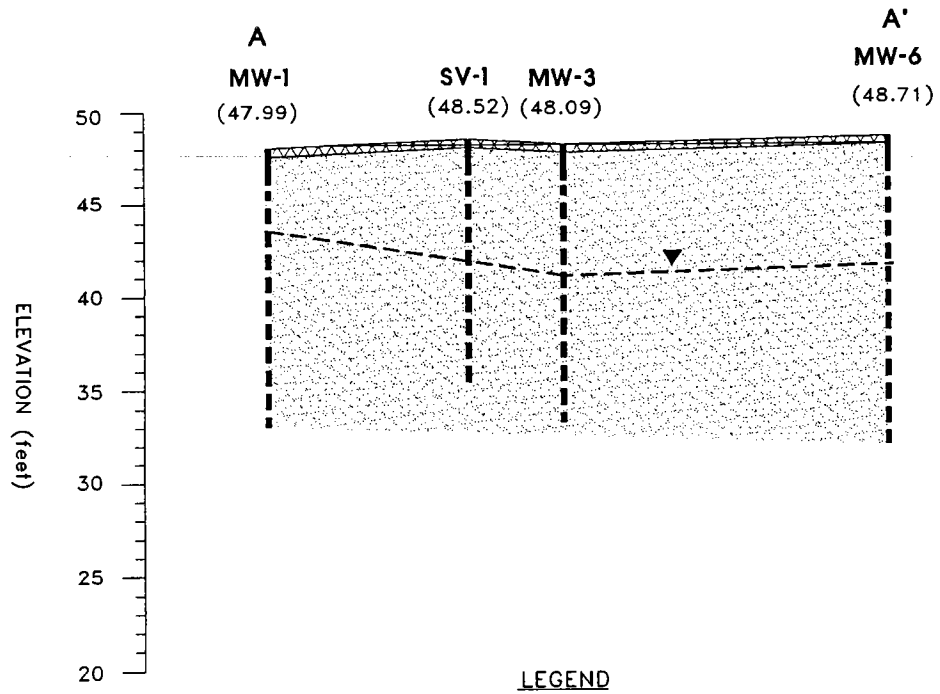
GROUNDWATER TECHNOLOGY
1000 PERIMETER PARK DR.
SUITE I
MORRISVILLE, NC 27560
(919) 467-2227

REV. NO.:	DRAWING DATE:	ACAD FILE:
	9/2/93	3716-SIT

LINES OF GEOLOGIC CROSS-SECTION A-A' & B-B'

CLIENT:	PM:
BELLSOUTH TELECOMMUNICATIONS	
LOCATION: 1507 GREENFIELD ST. WILMINGTON, NC	PE/RG:

DESIGNED:	DETAILED:	PROJECT NO.:	FIGURE:
EBJ	FKP	053253716	3



LEGEND

ASPHALT

SAND

(47.99) WELL HEAD ELEVATION (feet)

WELL CASING

WELL SCREEN

WATER-TABLE ELEVATION (feet)

VERTICAL SCALE AS SHOWN

60 0 60

HORIZONTAL SCALE IN FEET

SOURCE: WELL LOG INFORMATION

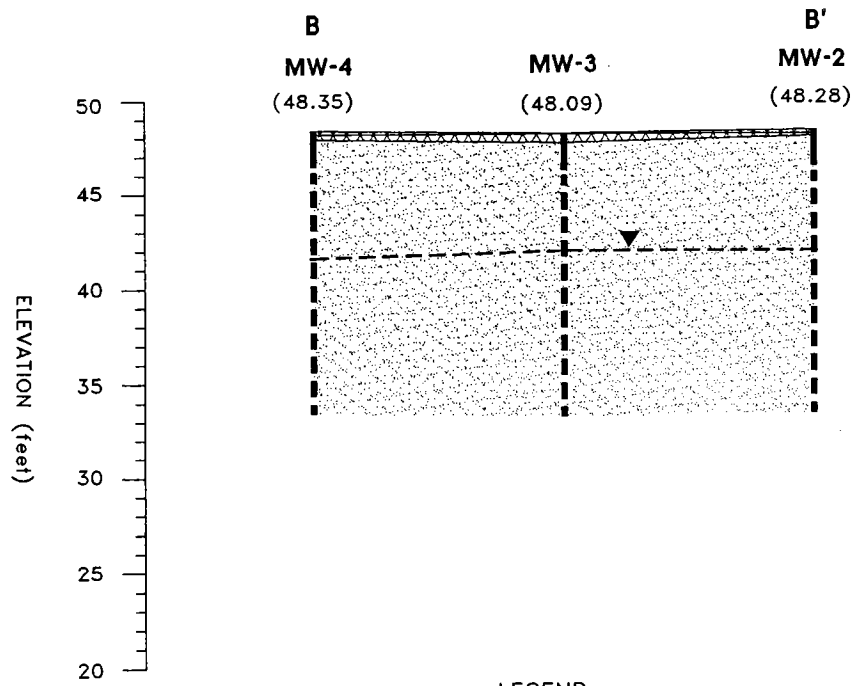
GROUNDWATER TECHNOLOGY
1000 PERIMETER PARK DR
SUITE I
MORRISVILLE, NC 27560
(919) 467-2227

REV. NO.:	DRAWING DATE:	ACAD FILE:
	9/2/93	3716-XAA

GEOLOGIC CROSS-SECTION A-A'

CLIENT:	PM:
BELLSOUTH TELECOMMUNICATIONS	
LOCATION: 1507 GREENFIELD ST. WILMINGTON, NC	PE/RG:

DESIGNED:	DETAILED:	PROJECT NO.:	FIGURE:
EBJ	FKP	053243716	4



LEGEND

ASPHALT

SAND

(48.35) WELL HEAD ELEVATION (feet)

WELL CASING

WELL SCREEN

WATER-TABLE ELEVATION (feet)

VERTICAL SCALE AS SHOWN

60 0 60

HORIZONTAL SCALE IN FEET

SOURCE: WELL LOG INFORMATION

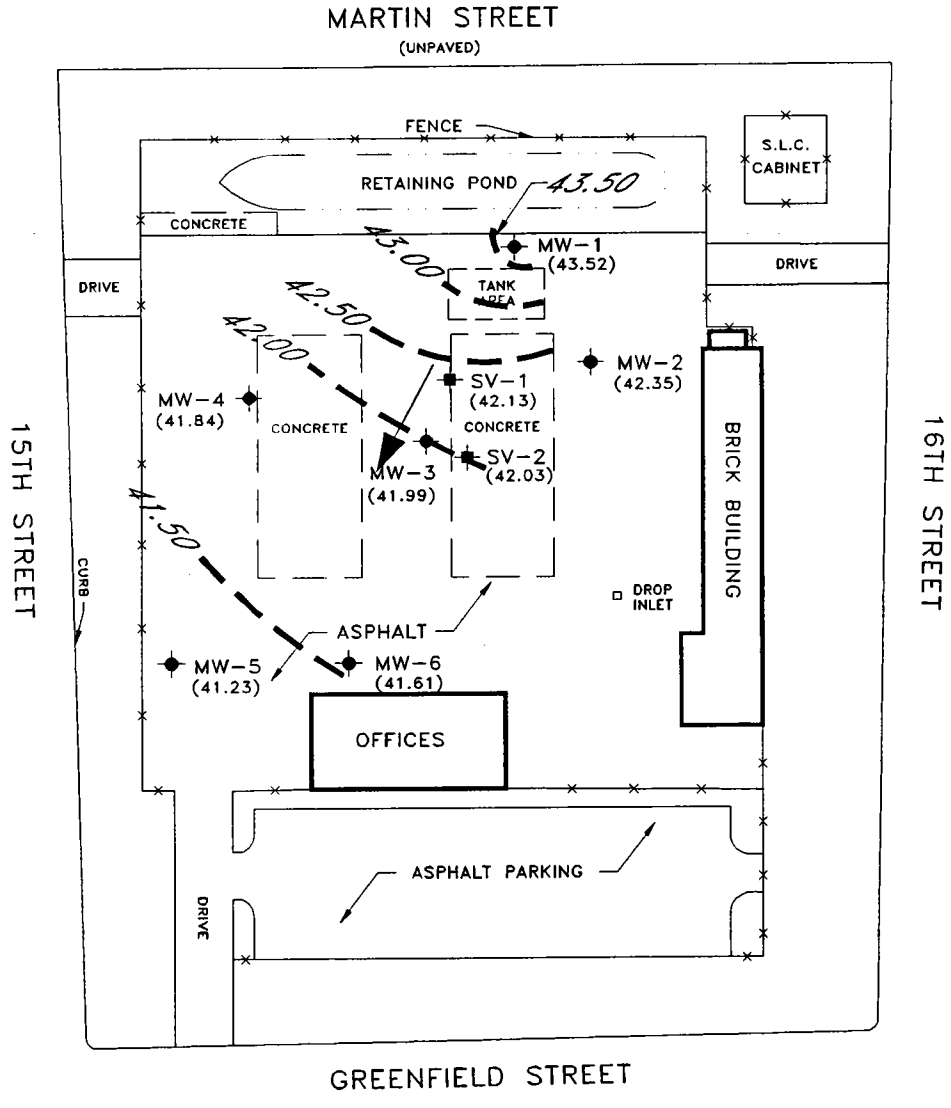
GROUNDWATER TECHNOLOGY
1000 PERIMETER PARK DR
SUITE I
MORRISVILLE, NC 27560
(919) 467-2227

REV. NO.:	DRAWING DATE:	ACAD FILE:
	9/2/93	3716-XBB

GEOLOGIC CROSS-SECTION B-B'

CLIENT:	PM:
BELLSOUTH TELECOMMUNICATIONS	
LOCATION: 1507 GREENFIELD ST. WILMINGTON, NC	PE/RG:

DESIGNED:	DETAILED:	PROJECT NO.:	FIGURE:
EBJ	FKP	053243716	5



LEGEND

- GROUNDWATER MONITORING WELL
- SOIL VAPOR EXTRACTION WELL
- (42.35) WATER-TABLE ELEVATION (feet)
- 43.50 WATER-TABLE ELEVATION CONTOUR (feet)
- GROUNDWATER FLOW DIRECTION

N

80 0 80

SCALE FEET

SOURCE: JAMES L. HAINES & ASSOC. - 8/20/93 SURVEY

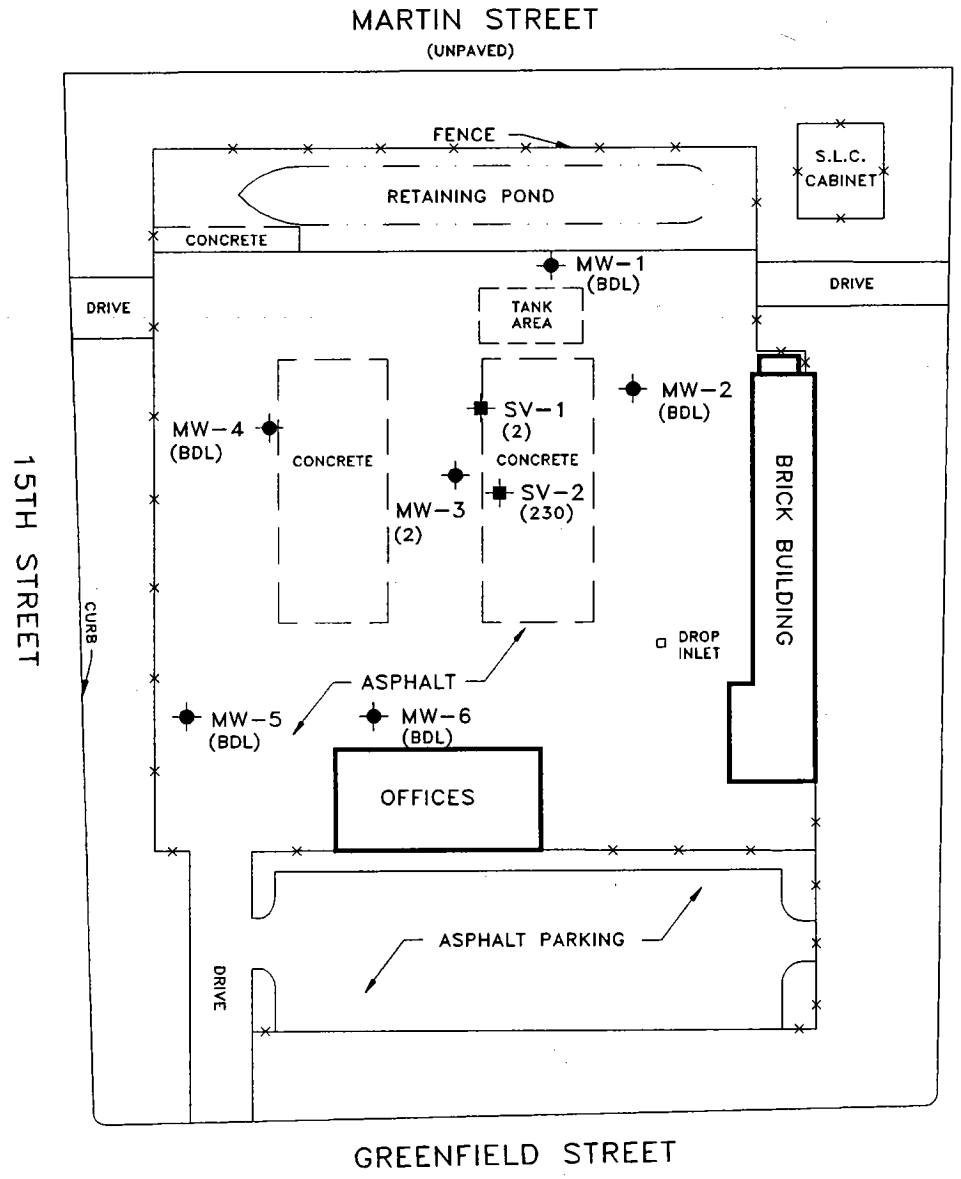
GROUNDWATER TECHNOLOGY
1000 PERIMETER PARK DR.
SUITE I
MORRISVILLE, NC 27560
(919) 467-2227

REV. NO.:	DRAWING DATE:	ACAD FILE:
	9/2/93	3716-893

WATER-TABLE ELEVATION CONTOUR MAP
AUGUST 3, 1993

CLIENT:	PM:
BELLSOUTH TELECOMMUNICATIONS	
LOCATION: 1507 GREENFIELD ST. WILMINGTON, NC	PE/RG:

DESIGNED:	DETAILED:	PROJECT NO.:	FIGURE:
EBJ	FKP	053253716	6



LEGEND

- GROUNDWATER MONITORING WELL
- SOIL VAPOR EXTRACTION WELL
- (2) DISSOLVED BENZENE CONCENTRATION (ppb)
- BDL BELOW DETECTION LIMIT

N

80 0 80

SCALE FEET

SOURCE: JAMES L. HAINES & ASSOC. - 8/20/93

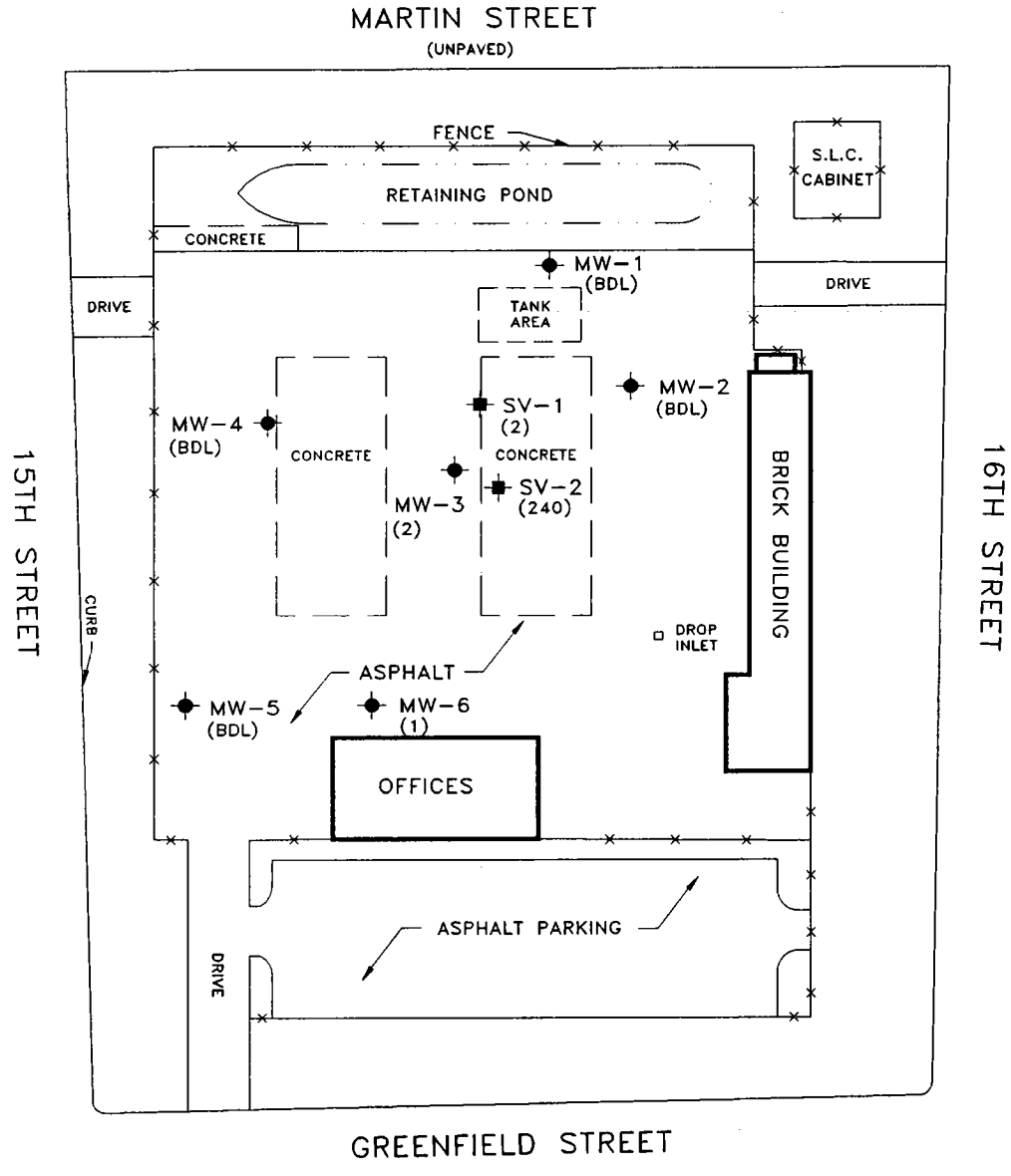
GROUNDWATER TECHNOLOGY
1000 PERIMETER PARK DR
SUITE I
MORRISVILLE, NC 27560
(919) 467-2227

REV. NO.:	DRAWING DATE:	ACAD FILE:
	9/2/93	3716-893

DISTRIBUTION OF DISSOLVED BENZENE IN GROUNDWATER
AUGUST 3, 1993

CLIENT:	PM:
BELLSOUTH TELECOMMUNICATIONS	
LOCATION: 1507 GREENFIELD ST. WILMINGTON, NC	PE/RG:

DESIGNED:	DETAILED:	PROJECT NO.:	FIGURE:
EBJ	FKP	053253716	7



LEGEND

- GROUNDWATER MONITORING WELL
- SOIL VAPOR EXTRACTION WELL
- (2) DISSOLVED TOTAL BTEX CONCENTRATION (ppb)
- BDL BELOW DETECTION LIMIT

N

80 0 80

SCALE FEET

SOURCE: JAMES L. HAINES & ASSOC. - 8/20/93

GROUNDWATER TECHNOLOGY
1000 PERIMETER PARK DR
SUITE I
MORRISVILLE, NC 27560
(919) 467-2227

REV. NO.:	DRAWING DATE:	ACAD FILE:
	9/2/93	3716-893

DISTRIBUTION OF DISSOLVED TOTAL BTEX IN GROUNDWATER
AUGUST 3, 1993

CLIENT:		PM:
BELLSOUTH TELECOMMUNICATIONS		
LOCATION: 1507 GREENFIELD ST. WILMINGTON, NC		PE/RG:
DESIGNED: EBJ	DETAILED: FKP	PROJECT NO.: 053253716
		FIGURE: 8

TABLE 1
MONITORING WELL CONSTRUCTION DETAILS
Bell South Telecommunications
1507 Greenfield Street
Wilmington, North Carolina

WELL DESIGNATION	TOTAL DEPTH (ft)	SCREENED INTERVAL (ft. below grade)	DIAMETER (inches)	WELL TYPE
MW–5	13	2.0–13	4	Type II
MW–6	16.5	2.0–16.5	4	Type II
SV–1	13	2.0–13	4	Type II
SV–2	13	2.5–13	4	Type II

Notes:
**Type II Well: Shallow groundwater monitoring well.*
Well installation methods are presented in Appendix B.

TABLE 2
WATER TABLE ELEVATIONS
DATE: August 3, 1993
Bell South Telecommunications
1507 Greenfield Street
Wilmington, North Carolina

WELL IDENTIFICATION	CASING ELAVATION (Feet)	DEPTH TO WATER (Feet)	WATER TABLE ELEVATION (Feet)
MW-1	47.99	4.47	43.52
MW-2	48.28	5.93	42.35
MW-3	48.09	6.10	41.99
MW-4	48.35	6.51	41.84
MW-5	48.58	7.35	41.23
MW-6	48.71	7.10	41.61
SV-1	48.52	6.39	42.13
SV-2	49.06	7.03	42.03

Notes:
Depth to water measured relative to top of casing.
Well head elevations measured relative to site – specific datum.

TABLE 3
FIELD PID AND SOIL ANALYTICAL RESULTS
Bell South Telecommunications
1507 Greenfield Street
Wilmington, North Carolina

Sample Designation	Sample Date	Sample Depth Exhibiting Highest PID Reading (ft)**	PID Response*	TPH as Gasoline (mg/kg)
MW-5	7/19/93	3-5	0	BDL
MW-6	7/20/93	3-5	4.0	BDL
SV-1	7/20/93	3-5	0	BDL
SV-2	7/20/93	3-5	0	BDL

Notes:
** PID response as calibrated to isobutylene.*
*** Depth at which sample was collected, if applicable.*
TPH = Total Petroleum Hydrocarbons
BDL=Below Detection Limits

TABLE 4
GROUNDWATER ANALYTICAL RESULTS (ug/L)
Bell South Telecommunications
1507 Greenfield Street
Wilmington, North Carolina

SAMPLE DESIGNATION:	MW–1	MW–2	MW–3	MW–4	MW–5	MW–6	SV–1	SV–2
SAMPLE DATE:	8/3/93	8/3/93	8/3/93	8/3/93	8/3/93	8/3/93	8/3/93	8/3/93
Volatile Organic Compounds EPA Methods 5030 and 602								
Benzene	<0.3	<0.3	2	<0.3	<0.3	<0.3	2	230
Toluene	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	0.7
Ethyl Benzene	<0.3	<0.3	0.4	<0.3	<0.3	<0.3	<0.3	<0.3
Xylene, total	<0.5	<0.5	<0.5	<0.5	<0.5	0.8	<0.5	7
BTEX, total	--	--	2	--	--	1	2	240
Methyl–tert–butyl–ether	<5	<5	<5	<5	<5	<5	<5	25

Notes:
Only those analytes detected above the quantitation limit are recorded.

TABLE 5
SOIL ANALYTICAL DATA
COMPOSITE SOIL
Bell South Telecommunications
1507 Greenfield Street
Wilmington, North Carolina

Sample Designation:	COMP-1
Sample Date:	8/3/93
TCLP-Metals (mg/L)	
Arsenic	<0.1
Barium	<5
Cadmium	<0.1
Chromium, total	<0.1
Lead	<0.5
Mercury	<0.004
Selenium	<0.5
Silver	<0.1
Corrosivity (pH)	8.2
Ignitability (degree F)	NF<160
Reactivity:	
Cyanide (mg/Kg)	<1
Sulfide (mg/Kg)	<1
Aromatic Volatiles in Soil (mg/kg)	
Benzene	<0.005
Toluene	<0.005
Ethylbenzene	<0.005
Xylene, total	<0.015
BTEX, total	--
TPH as Gasoline & Diesel Fuel in Soil (mg/kg)	
Gasoline	<1
Extractable Organic Halides (mg/kg)	<5

APPENDIX A

FIELD PROTOCOLS

SOIL SAMPLING PROTOCOL

During drilling operations, soil samples were collected using 2-foot-long, stainless-steel, split-spoon samplers. The split-spoon samplers were washed with alkaline soap and water and rinsed with distilled water prior to each use. At each drilling location, soil samples were collected in continuous 2-foot intervals until bedrock was encountered. The depths from which soil samples were collected at each location are indicated in the drilling logs presented in Appendix B. The split-spoon samplers were advanced using the rotary head of the drill rig.

A description of the soils retained in each split-spoon sampler was logged by a geologist, and representative portions of the material were placed into labeled laboratory containers that were promptly placed on ice in a cooler. A separate representative portion of each soil sample was placed in a resealable plastic bag and allowed to equilibrate for a minimum of 15 minutes. After the equilibration period, either a photoionization detector (PID) or a flame ionization detector (FID) probe was inserted into each resealable bag and a headspace reading of total volatile organic compounds (VOCs) was recorded. The PID/FID response values recorded in the field are indicated in the drilling logs presented in Appendix B. After completion of drilling at each location, the PID/FID response values for all soil samples were evaluated in the field. The soil sample from each drilling location that exhibited the highest PID/FID response value was retained and submitted for laboratory analysis along with completed chain-of-custody forms. In the event that no PID/FID response was observed for any of the soil samples collected at a drilling location, the sample collected from immediately above the water table was retained and submitted for laboratory analysis.

MONITORING WELL INSTALLATION AND CONSTRUCTION
Shallow (Type II) Wells Completed in Unconsolidated Material

The shallow (Type II), water-table wells were drilled with a truck-mounted drilling rig equipped with hollow-stem augers. The augers and all drilling equipment were steam cleaned prior to drilling at each location and after completion of the last boring.

Each well was installed through the augers to ensure proper construction and placement, and is constructed of Schedule 40 PVC solid casing and factory slotted well screen (0.02-inch slots) connected by threaded, flush joints. The wells were completed with a sufficient length of well screen so that the screened interval extends approximately 5 feet above and 10 feet below the static depth of the water table. The screen of each well is equipped with a PVC bottom cap. The solid PVC casing of each well extends from the top of the well screen to approximately 6-inches below grade. The annular space of each well is packed with washed sand to a minimum level of 1 foot above the top of the well screen. A one-foot-thick bentonite seal rests on top of the sand pack, above which a Portland cement grout extends to approximately 4 inches below the top of the PVC casing. The PVC casing of each well is equipped with a sealed, locking cap to prevent unauthorized access. In addition, each well casing is protected with a steel, water-tight manhole set to grade within a concrete pad. Each shallow, water-table well was constructed in accordance with NCDEHNR well construction specifications.

WELL DEVELOPMENT PROTOCOL

Following construction and installation, the monitoring wells were developed using an air lift/purge technique to remove sediment from within the well and annular gravel pack, and to ensure proper hydraulic connection between the well and surrounding aquifer material. The well development assembly consisted of a compressed-air line, equipped with an in-line oil filter, that was passed through the center of an approximately 3-foot length of solid, Schedule 40, PVC casing that was attached to the well head with a PVC slip coupling. The solid casing was fitted with a PVC, side-discharge pipe to allow water purged during development to be conveyed to a steel, 55-gallon drum for containment prior to treatment.

Prior to initiation of the development process at each well, the compressed-air line was washed with alkaline soap and water and was rinsed with distilled water. The free end of the compressed-air line was then lowered into each well below the water table, and the top of the solid casing was sealed with duct tape. Compressed air was then passed through the air line, and water within the well was lifted and purged until the discharge appeared to be free of suspended sediments or for a maximum of two hours. Following completion of development, water contained in the 55-gallon drum was pumped through a portable granular activated carbon (GAC) treatment unit equipped with an in-line sediment filter.

WELL SURVEY

Subsequent to installation, the monitoring wells were surveyed by a licensed professional surveyor for casing elevations and horizontal positions to provide control for static head measurements and delineations of groundwater flow direction. All survey measurements were made relative to a common datum such that water level measurements from all monitoring wells could be directly compared. At each well location, the elevation of the top of the PVC casing was measured to the nearest 0.01 foot. The points at which elevations were measured were permanently marked for future reference. The horizontal positions of the monitoring wells were measured to the nearest 0.1 foot relative to the locations of the common datum and/or prominent site structures. A minimum of two reference points were used to locate each well.

LIQUID LEVEL MONITORING

Measurements of the liquid levels in the monitoring wells were made with an electronic optical INTERFACE PROBE ™ that is capable of distinguishing liquid-phase hydrocarbons from water. Liquid levels were measured to the nearest 0.01 foot from a permanently marked survey point on the top of each well casing to allow measured values to be directly compared to a common datum. Each well was allowed to equilibrate for a minimum of 15 minutes after removal of the well cap before liquid levels were measured. Measurements made in the field included depth to water, depth to liquid-phase hydrocarbons (if present), and thickness of liquid-phase hydrocarbons (if present). If the presence of liquid-phase hydrocarbons was indicated by measurements with the INTERFACE PROBE ™, a clear acrylic bailer was used to obtain a groundwater sample from the well for visual confirmation. If the presence of liquid-phase hydrocarbons was visually confirmed, a bailer was used to remove the liquid-phase hydrocarbons to the fullest extent possible. Liquid-phase hydrocarbons removed from the monitoring wells were transferred to an appropriately labeled on-site storage vessel pending classification and disposal. All measured liquid level values, the approximate volume of liquid-phase hydrocarbons removed from each well (if applicable), and all pertinent field observations were immediately recorded in a bound field book to provide a permanent record of the site visit.

GROUNDWATER SAMPLING PROTOCOL

Groundwater samples were obtained from the monitoring wells using the following protocol:

1) The static water level in each well was measured with an electronic optical INTERFACE PROBE ™.

2) The volume of standing water (in gallons) in each well was calculated using the following formula:

$$V = [(3.14)\ r^2\ h] \times 7.48\ gal/ft^3$$

where r is the radius of the well in feet, and h is the height of the water column standing in the well.

3) Monitoring wells capable of sustaining sufficient yield were purged of a minimum of three static well volumes of water using [a stainless steel submersible pump] [a centrifugal pump] [a stainless steel or Teflon™ bailer]. Monitoring wells having low yield were purged until dry, and the water level was allowed to recover to a minimum of 80 percent of the static level prior to sampling.

4) Representative groundwater samples were collected with [a stainless steel or Teflon™] bailer that was thoroughly cleaned prior to sample collection from each well using an alkaline soap and water wash followed by three distilled water rinses. The first bailer of water retrieved from each well was discarded. All groundwater samples were transferred directly from the bailer to laboratory-prepared containers.

5) All sample containers were labeled with the following information:

- Sample Designation
- Sampling Date
- Sampling Time
- Site Name
- Requested Analysis/Analyses
- Type of Preservative Used (if applicable)

6) All sample containers were placed on ice in a cooler, along with completed chain-of-custody forms, and shipped via overnight courier to the laboratory for analysis.

APPENDIX B

DRILL LOGS

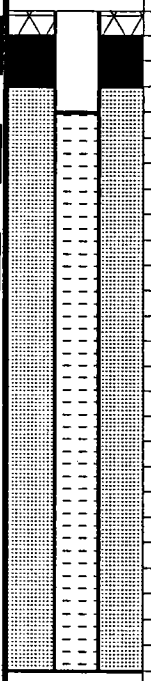
GROUNDWATER TECHNOLOGY INC.

CLIENT: BELLSOUTH TELECOMMUNICATIONS
PROJECT NAME: BELLSOUTH - GREENFIELD ST.
PROJECT NUMBER: 053243716
LOCATION: 1507 GREENFIELD ST. WILMINGTON, NC
DRILLER: FISHBURNE DRILLING, INC.

DATE 09/02/93 WELL NUMBER MW-5

CASED FROM 0 TO 2' WITH SCH 40 PVC
SCREENED FROM 2' TO 13' WITH 0.020" SLOT
WELL DEPTH 13' WELL DIAMETER 4"
ELEVATION 48.58'
ANNULUS COMPLETION SANDPACK 13'-1.5'; BENTONITE 1.5'-1.0'; GROUT 1.0'-0
OTHER WELL COMPLETED WITH FLUSH MOUNT MANHOLE COVER

DRILL RIG CME 75
DRILL METHOD HOLLOW STEM AUGER
DATE(S) DRILLED JULY 20, 1993
LOGGED BY T. WILKINSON



DEPTH	GRAPHIC COLUMN	LITHOLOGICAL DESCRIPTION	SAMPLE	COMMENTS
		ASPHALT, SUBBASE & GRAVEL	0-1'	
		SAND: Redddish brown, fine to coarse-		
		grained, well rounded, dry		
		SAND: Fine to medium-grained, well	3-5'	BC=5-11-15-17 PID=0
		rounded, loose, dark reddish brown matrix		
5		w/pale yel. coarse to medium grains, dry		
		SAND: AA, wet from 6', non-cohesive, no	5-7'	BC=2-4-5-4 PID=0
		hydrocarbon odor (Lab sample)		
		SAND: AA, medium brown, saturated	8-10'	BC=6-9-11-11 PID=0
10				
		SAND: AA, very wet, saturated	13-15'	
15				
20				

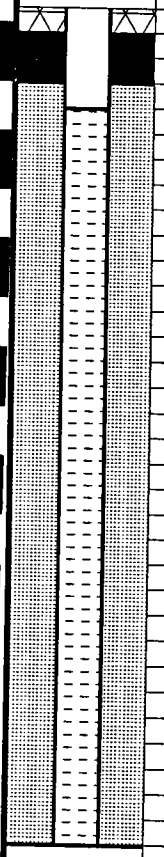
GROUNDWATER TECHNOLOGY INC.

CLIENT: BELLSOUTH TELECOMMUNICATIONS
PROJECT NAME: BELLSOUTH - GREENFIELD ST.
PROJECT NUMBER: 053243716
LOCATION: 1507 GREENFIELD ST. WILMINGTON, NC
DRILLER: FISHBURNE DRILLING, INC.

DATE 09/02/93 WELL NUMBER MW-6

CASED FROM 0 TO 2' WITH SCH 40 PVC
SCREENED FROM 2' TO 16.5' WITH 0.020" SLOT
WELL DEPTH 16.5' WELL DIAMETER 4"
ELEVATION 48.71'
ANNULUS COMPLETION SANDPACK 16.5'-1.5'; BENTONITE 1.5'-0.5'; GROUT 0.5'-0
OTHER WELL COMPLETED WITH FLUSH MOUNT MANHOLE COVER

DRILL RIG CME 75
DRILL METHOD HOLLOW STEM AUGER
DATE(S) DRILLED JULY 19, 1993
LOGGED BY T. WILKINSON



DEPTH	GRAPHIC COLUMN	LITHOLOGICAL DESCRIPTION	SAMPLE	COMMENTS
		ASPHALT, SUBBASE & GRAVEL	0-1'	
		SAND: Reddish brown, fine-grained,	3-5'	BC=9-11-9-11 PID=4.0
		dry, loose, some silt (Lab sample)		
5		SAND: AA, dry w/some light to medium grey	5-7'	BC=3-4-7-9 PID=0
		horizons, horizons <1" thick, some silt,		
		SAND: AA to 8.3', SAND: Medium to medium	7-9'	BC=4-4-9-7 PID=0
		light brown, fine to medium-grained with		
10		w/some coarse, well rounded grains, some		
		silt, damp to wet		
		SAND: Pale yellow to white, medium to	13-15'	PID=0
		coarse-grained, well rounded, wet		
15				
		SAND: AA	19-20'	PID=0
20				

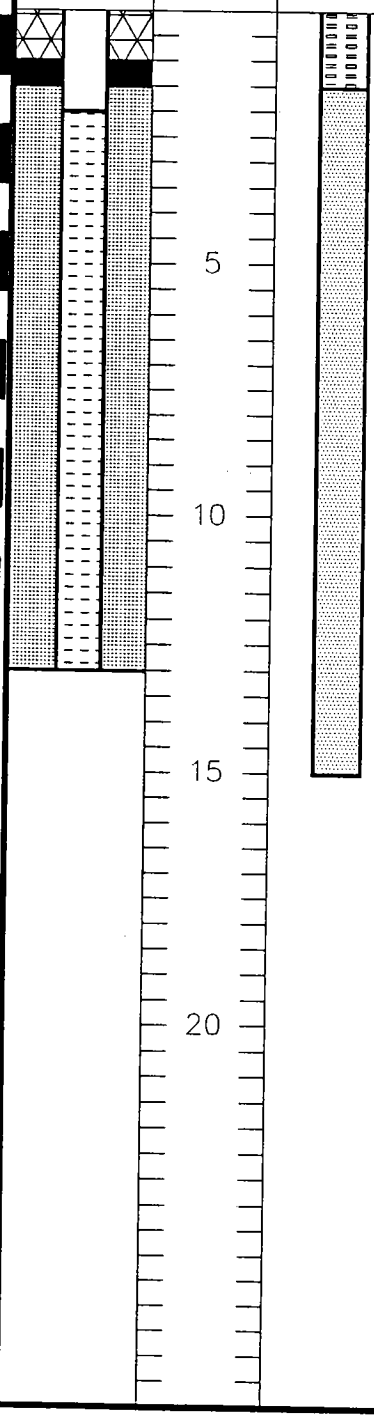
GROUNDWATER TECHNOLOGY INC.

CLIENT: BELLSOUTH TELECOMMUNICATIONS
PROJECT NAME: BELLSOUTH - GREENFIELD ST.
PROJECT NUMBER: 053243716
LOCATION: 1507 GREENFIELD ST. WILMINGTON, NC
DRILLER: FISHBURNE DRILLING, INC.

DATE 09/02/93 WELL NUMBER SV-1

CASED FROM 0' TO 2' WITH SCH 40 PVC
SCREENED FROM 2' TO 13' WITH 0.020" SLOT
WELL DEPTH 13' WELL DIAMETER 4"
ELEVATION 48.52'
ANNULUS COMPLETION SANDPACK 13'-1.5'; BENTONITE 1.5'-1.0'; GROUT 1.0'-0
OTHER WELL COMPLETED WITH FLUSH MOUNT MANHOLE COVER

DRILL RIG CME 75
DRILL METHOD HOLLOW STEM AUGER
DATE(S) DRILLED JULY 20, 1993
LOGGED BY T. WILKINSON



DEPTH	LITHOLOGICAL DESCRIPTION	SAMPLE	COMMENTS
	ASPHALT & SUBBASE	0-1.5'	
	SAND: Reddish brn-blk w/organic vapors w/	1.5-3'	
	some decomposed organic-like horizons,		
	black, damp to moist		
	SAND: Blk to drk gry, decomp. org. w/wood	3-5'	BC=2-7-9-12 PID=0
	fragments, damp to moist to 3.5', then,		
	lt-med. gry, F, M, & C grains, damp-wet,		
	non cohesive (Lab sample)	5-7'	BC=5-8-11-14 PID=0
	SAND: AA, light to medium grey, wet		
	SAND: AA, Light to medium grey, medium to	8-10'	BC=7-10-10-7 PID=0
	coarse-grained, sewage smell from		
	cuttings		
	SAND: Pale yellow (beach sand) quartz	13-15'	BC=1-2-2-3
	sand, medium to coarse-grained,		
	saturated, wet		

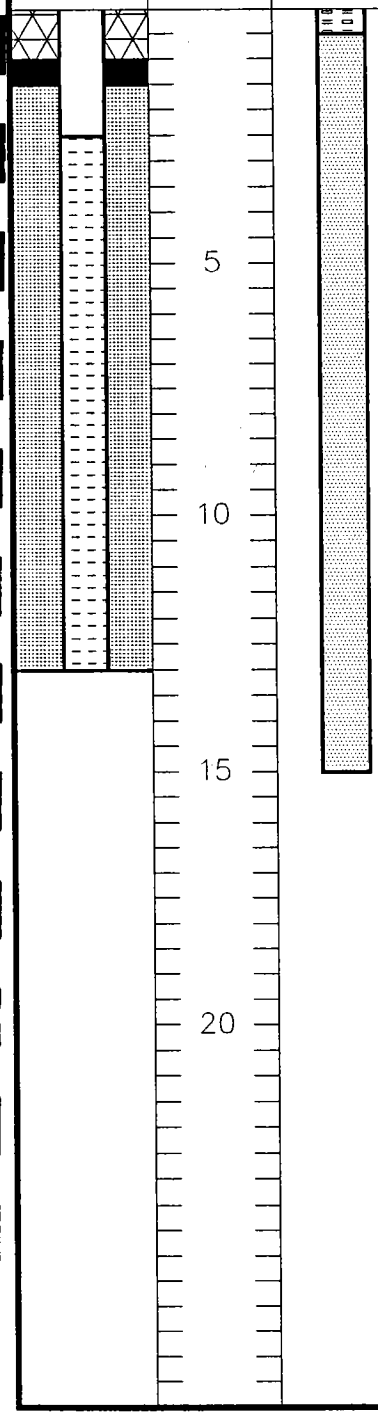
GROUNDWATER TECHNOLOGY INC.

CLIENT: BELLSOUTH TELECOMMUNICATIONS
PROJECT NAME: BELLSOUTH - GREENFIELD ST.
PROJECT NUMBER: 053243716
LOCATION: 1507 GREENFIELD ST. WILMINGTON, NC
DRILLER: FISHBURNE DRILLING, INC.

DATE 09/02/93 WELL NUMBER SV-2

CASED FROM 0 TO 2.5' WITH SCH 40 PVC
SCREENED FROM 2.5' TO 13' WITH 0.020" SLOT
WELL DEPTH 13' WELL DIAMETER 4"
ELEVATION 49.06'
ANNULUS COMPLETION SANDPACK 13'-1.5'; BENTONITE 1.5'-1.0'; GROUT 1.0'-0
OTHER WELL COMPLETED WITH FLUSH MOUNT MANHOLE COVER

DRILL RIG CME 75
DRILL METHOD HOLLOW STEM AUGER
DATE(S) DRILLED JULY 20, 1993
LOGGED BY T. WILKINSON



DEPTH	LITHOLOGICAL DESCRIPTION	SAMPLE	COMMENTS
	CONCRETE & SUBBASE GRAVEL	0-0.5'	
	SAND: Blk to reddish brn, dry w/organics	0.5-3'	
	SAND: Drk reddish brown to blk, fine to	3-5'	BC=4-10-10-13 PID=0
	medium-grained, some coarse, some		
	organics, damp to moist (Lab Sample)		
	SAND: Reddish brn, M-grnd w/some F & C	5-7'	PID=0
	grains, well rounded qtz to 6.5', then		
	medium brn to lt. brn, predominantly C-		
	grained, moist to wet, well rounded qtz.		
	w/some plant roots		
	SAND: White to pale yellow, well rounded,	13-15'	BC=4-7-9-13
	medium to coarse-grained (beach sand),		
	wet, saturated, well sorted		

APPENDIX C

WELL GAUGING DATA AND WELL-HEAD ELEVATION SURVEY

TABLE 2
WATER TABLE ELEVATIONS
DATE: August 3, 1993
Bell South Telecommunications
1507 Greenfield Street
Wilmington, North Carolina

WELL IDENTIFICATION	CASING ELAVATION (Feet)	DEPTH TO WATER (Feet)	WATER TABLE ELEVATION (Feet)
MW-1	47.99	4.47	43.52
MW-2	48.28	5.93	42.35
MW-3	48.09	6.10	41.99
MW-4	48.35	6.51	41.84
MW-5	48.58	7.35	41.23
MW-6	48.71	7.10	41.61
SV-1	48.52	6.39	42.13
SV-2	49.06	7.03	42.03

Notes:
Depth to water measured relative to top of casing.
Well head elevations measured relative to site – specific datum.

APPENDIX D

SOIL ANALYTICAL RESULTS

RECEIVED AUG 0 3 1993

GTEL
ENVIRONMENTAL
LABORATORIES, INC.

4080 Pike Lane
Concord, CA 94520
(510) 685-7852
(800) 544-3422 Inside CA
(800) 423-7143 Outside CA
(510) 825-0720 FAX

Client Number: 053243716
Project ID: Bell-Greenfield
Work Order Number: C3-07-0347

August 2, 1993

Teresa Watson
Groundwater Technology, Inc.
1000 Perimeter Park Drive, Suite I
Morrisville, NC 27560

Enclosed please find the analytical results for samples received by GTEL Environmental Laboratories, Inc. on 07/22/93, under chain of custody record 29443.

A formal Quality Assurance/Quality Control (QA/QC) program is maintained by GTEL, which is designed to meet or exceed the EPA requirements. Analytical work for this project met QA/QC criteria, unless otherwise stated in the footnotes.

GTEL is certified by the California State Department of Health Services, Laboratory certification number E1075, to perform analyses for drinking water, wastewater, and hazardous waste materials according to EPA protocols.

If you have any questions concerning this analysis or if we can be of further assistance, please call our Customer Service Representative.

Sincerely,

GTEL Environmental Laboratories, Inc.

Eileen F. Bullen

Eileen F. Bullen
Laboratory Director

Client Number: 053243716
Project ID: Bell-Greenfield
Work Order Number: C3-07-0347

ANALYTICAL RESULTS

TPH as Gasoline in Soil

EPA Method 8015[a]

GTEL Sample Number		01	02	03	04
Client Identification		MW-6/3-5	MW-5/3-5	SV-1/3-5	SV-2/3-5
Date Sampled		07/19/93	07/20/93	07/20/93	07/20/93
Date Extracted		07/29/93	07/29/93	07/29/93	07/30/93
Date Analyzed		07/29/93	07/29/93	07/29/93	07/30/93
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
TPH as gasoline	1	<1	<1	<1	<1
Detection Limit Multiplier		1	1	1	1
Percent Solids		76.4	96.6	85.5	76.7
BFB surrogate, % recovery		73.7	71.8	85.6	87.9

a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, US EPA November 1986. Modification for TPH as gasoline as per California State Water Resources Board LUFT Manual procedures. Bromofluorobenzene surrogate recovery acceptability limits are 60-140%.

Note: Samples were received at 16° C.

GTEL ENVIRONMENTAL LABORATORIES, INC.

Client Number: 053243716
Project ID: Bell-Greenfield
Work Order Number: C3-07-0347

ANALYTICAL RESULTS

TPH as Gasoline in Soil

EPA Method 8015[a]

GTEL Sample Number		F072993			
Client Identification		METHOD BLANK			
Date Sampled		--			
Date Extracted		NA			
Date Analyzed		07/29/93			
Analyte	Detection Limit, mg/Kg	Concentration, mg/Kg			
TPH as gasoline	1	<1			
Detection Limit Multiplier		1			
Percent Solids		NA			
BFB surrogate, % recovery		99.2			

a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, US EPA November 1986. Modification for TPH as gasoline as per California State Water Resources Board LUFT Manual procedures. Bromofluorobenzene surrogate recovery acceptability limits are 60-140%.

NA = Not Applicable

Note: Samples were received at 16° C.

GTEL ENVIRONMENTAL LABORATORIES, INC.

GTEL ENVIRONMENTAL LABORATORIES, INC.

4080 PIKE LANE, SUITE C
CONCORD, CA 94520
(510) 685-7852
(800) 423-7143

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

29443

Company Name: Groundwater Technology
Phone #: 919-467-2227
FAX #: 919-467-2299
Company Address: 1000 Perimeter Park Ste. I
Site location: Bell - Greenfield
Project Manager: Teresa Watson
Client Project ID: (#) 05324-3716
(NAME) Bells/Greenfield
I attest that the proper field sampling procedures were used during the collection of these samples.
Sampler Name (Print): Thomas H Wilkinson

Field Sample ID	GTEL Lab # (Lab use only)	# Containers	Matrix: WATER	SOIL	AIR	SLUDGE	PRODUCT	OTHER	Method Preserved: HCl	HNO_3	H_2SO_4	ICE	UNPRESERVED	OTHER (SPECIFY)	Sampling: DATE	TIME
MW-6 / 3-5	87			X								X			07/19	1550
MW-5 / 3-5	86			X								X			07/20	0745
SV-1 / 3-5	85			X								X			07/20	0850
SV-2 / 3-5	84			X								X			07/20	1045

BTEX/602 ☐ 8020 ☐ with MTBE ☐	BTEX/Gas Hydrocarbons PID/FID ☐ with MTBE ☐	Hydrocarbons GC/FID Gas ☐ ~~Diesel~~ ~~Screen~~ ☐	Hydrocarbon Profile (SIMDIS) ☐	Oil and Grease 413.1 ☐ 413.2 ☐ SM 503 ☐	TPH/IR 418.1 ☐ SM 503 ☐	EDB by 504 ☐ DBCP by 504 ☐	EPA 503.1 ☐ EPA 502.2 ☐	EPA 601 ☐ EPA 8010 ☐	EPA 602 ☐ EPA 8020 ☐	EPA 608 ☐ 8080 ☐ PCB only ☐	EPA 624/PPL ☐ 8240/TAL ☐ NBS (+15) ☐	EPA 625/PPL ☐ 8270/TAL ☐ NBS (+25) ☐	EPA 610 ☐ 8310 ☐	EP TOX Metals ☐ Pesticides ☐ Herbicides ☐	TCLP Metals ☐ VOA ☐ Semi-VOA ☐ Pest ☐ Herb ☐	EPA Metals - Priority Pollutant ☐ TAL ☐ RCRA ☐	CAM Metals TTLC ☐ STLC ☐	Lead 239.2 ☐ 200.7 ☐ 7420 ☐ 7421 ☐ 6010 ☐	Organic Lead ☐	Corrosivity ☐ Flash Point ☐ Reactivity ☐	OTHER
																				TPH as Gas 5030
																				X
																				X
																				X

TAT
Priority (24 hr) ☐
Expedited (48 hr) ☐
7 Business Days ☐
Other ____
Business Days ☐

Special Handling
GTEL Contact ____
Quote/Contract # ____
Confirmation # ____
PO # ____

QA / QC LEVEL
BLUE ☐ CLP ☐ OTHER ____

SPECIAL DETECTION LIMITS

SPECIAL REPORTING REQUIREMENTS
Fax Results
FAX ☒ 914-467-2299

REMARKS SEAL INTACT, RECVD AT 16°C, LIQUID PORTION OF SAMPLE(S) LEAKED ENROUTE 7/22/93 BEC

Lab Use Only Lot # ____ Storage Location: ____

Work Order # C3070347

CUSTODY RECORD

	Relinquished by Sampler:	Date	Time	Received by:
	Thomas H. Wilkinson	07-21-93	1600	
	Relinquished by:	Date	Time	Received by:
	Relinquished by:	Date	Time	Received by Laboratory:
		7/22/93	0915	

Rev. 7/91

APPENDIX E

GROUNDWATER ANALYTICAL REPORTS

GTEL
ENVIRONMENTAL
LABORATORIES, INC.

4080 Pike Lane
Concord, CA 94520
(510) 685-7852
(800) 544-3422 Inside CA
(800) 423-7143 Outside CA
(510) 825-0720 FAX

Client Number: 053243716
Project ID: Wilmington, NC
Work Order Number: C3-08-0042

August 18, 1993

Teresa Watson
Groundwater Technology, Inc.
1000 Perimeter Park Drive, #I
Morrisville, NC 27560

Enclosed please find the analytical results for samples received by GTEL Environmental Laboratories, Inc. on 08/04/93, under chain of custody record 29896.

A formal Quality Assurance/Quality Control (QA/QC) program is maintained by GTEL, which is designed to meet or exceed the EPA requirements. Analytical work for this project met QA/QC criteria, unless otherwise stated in the footnotes.

GTEL is certified by the California State Department of Health Services, Laboratory certification number E1075, to perform analyses for drinking water, wastewater, and hazardous waste materials according to EPA protocols.

If you have any questions concerning this analysis or if we can be of further assistance, please call our Customer Service Representative.

Sincerely,
GTEL Environmental Laboratories, Inc.

Eileen F. Bullen

Eileen F. Bullen
Laboratory Director

Client Number: 053243716
Project ID: Wilmington, NC
Work Order Number: C3-08-0042

Table 1

ANALYTICAL RESULTS

Aromatic Volatile Organics MTBE and IPE in Water

EPA Methods 5030 and 602[a]

GTEL Sample Number		01	02	03	04
Client Identification		MW-1	MW-2	MW-3	MW-4
Date Sampled		08/03/93	08/03/93	08/03/93	08/03/93
Date Analyzed		08/14/93	08/14/93	08/14/93	08/14/93
Analyte	Detection Limit, ug/L	Concentration, ug/L			
Benzene	0.3	<0.3	<0.3	2	<0.3
Toluene	0.3	<0.3	<0.3	<0.3	<0.3
Ethylbenzene	0.3	<0.3	<0.3	0.4	<0.3
Xylene, total	0.5	<0.5	<0.5	<0.5	<0.5
BTEX, total	--	--	--	2	--
Methyl-tert-butyl-ether	5	<5	<5	<5	<5
Isopropylether	1	<1	<1	<1	<1
Detection Limit Multiplier		1	1	1	1
BFB surrogate, % recovery		106	102	100	96.0

a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, US EPA November 1986. BFB surrogate recovery acceptability limits are 70-130%.

GTEL ENVIRONMENTAL LABORATORIES, INC.

Client Number: 053243716
Project ID: Wilmington, NC
Work Order Number: C3-08-0042

Table 1 (Continued)

ANALYTICAL RESULTS

Aromatic Volatile Organics
MTBE and IPE in Water

EPA Methods 5030 and 602[a]

GTEL Sample Number		05	06	07	08
Client Identification		MW-5	MW-6	SV-1	SV-2
Date Sampled		08/03/93	08/03/93	08/03/93	08/03/93
Date Analyzed		08/14/93	08/14/93	08/14/93	08/14/93
Analyte	Detection Limit, ug/L	Concentration, ug/L			
Benzene	0.3	<0.3	<0.3	2	230
Toluene	0.3	<0.3	<0.3	<0.3	0.7
Ethylbenzene	0.3	<0.3	<0.3	<0.3	<0.3
Xylene, total	0.5	<0.5	0.8	<0.5	7
BTEX, total	--	--	1	2	240
Methyl-tert-butyl-ether	5	<5	<5	<5	25
Isopropylether	1	<1	<1	<1	<1
Detection Limit Multiplier		1	1	1	1
BFB surrogate, % recovery		96.3	93.9	94.0	101

a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, US EPA November 1986. BFB surrogate recovery acceptability limits are 70-130%.

GTEL ENVIRONMENTAL LABORATORIES, INC.

Client Number: 053243716
Project ID: Wilmington, NC
Work Order Number: C3-08-0042

Table 1 (Continued)

ANALYTICAL RESULTS

Aromatic Volatile Organics
MTBE and IPE in Water

EPA Methods 5030 and 602[a]

GTEL Sample Number		081493M			
Client Identification		METHOD BLANK			
Date Sampled		--			
Date Analyzed		08/14/93			
Analyte	Detection Limit, ug/L	Concentration, ug/L			
Benzene	0.3	<0.3			
Toluene	0.3	<0.3			
Ethylbenzene	0.3	<0.3			
Xylene, total	0.5	<0.5			
BTEX, total	--	--			
Methyl-tert-butyl-ether	5	<5			
Isopropylether	1	<1			
Detection Limit Multiplier		1			
BFB surrogate, % recovery		98.8			

a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, US EPA November 1986. BFB surrogate recovery acceptability limits are 70-130%.

GTEL ENVIRONMENTAL LABORATORIES, INC.

Client Number: 053243716
Project ID: Wilmington, NC
Work Order Number: C3-08-0042

Table 1

ANALYTICAL RESULTS

1,2-Dibromoethane in Water

EPA Method 504[a]

GTEL Sample Number		01	02	03	04
Client Identification		MW-1	MW-2	MW-3	MW-4
Date Sampled		08/03/93	08/03/93	08/03/93	08/03/93
Date Extracted		08/05/93	08/05/93	08/05/93	08/05/93
Date Analyzed		08/05/93	08/05/93	08/05/93	08/05/93
Analyte	Detection Limit, ug/L	Concentration, ug/L			
1,2-Dibromoethane	0.02	<0.02	<0.02	<0.02	<0.02
Detection Limit Multiplier		1	1	1	1
DBCP surrogate, % recovery		109	94.2	91.7	107

GTEL Sample Number		05	06	07	08
Client Identification		MW-5	MW-6	SV-1	SV-2
Date Sampled		08/03/93	08/03/93	08/03/93	08/03/93
Date Extracted		08/05/93	08/05/93	08/05/93	08/05/93
Date Analyzed		08/05/93	08/05/93	08/05/93	08/05/93
Analyte	Detection Limit, ug/L	Concentration, ug/L			
1,2-Dibromoethane	0.02	<0.02	<0.02	<0.02	<0.02
Detection Limit Multiplier		1	1	1	1
DBCP surrogate, % recovery		96.9	93.7	94.6	100

a. Methods for the Determination of Organic Compounds in Drinking Water, EPA/600/4-88/039, Revision 2.0, USEPA, December 1988.

GTEL ENVIRONMENTAL LABORATORIES, INC.

Client Number: 053243716
Project ID: Wilmington, NC
Work Order Number: C3-08-0042

Table 1 (Continued)

ANALYTICAL RESULTS

1,2-Dibromoethane in Water

EPA Method 504[a]

GTEL Sample Number		080593 EDB-1			
Client Identification		METHOD BLANK			
Date Sampled		--			
Date Extracted		08/05/93			
Date Analyzed		08/05/93			
Analyte	Detection Limit, ug/L	Concentration, ug/L			
1,2-Dibromoethane	0.02	<0.02			
Detection Limit Multiplier		1			
DBCP surrogate, % recovery		102			

a. Methods for the Determination of Organic Compounds in Drinking Water, EPA/600/4-88/039, Revision 2.0, USEPA, December 1988.

GTEL ENVIRONMENTAL LABORATORIES, INC.

Client Number: 053243716
Project ID: Wilmington, NC
Work Order Number: C3-08-0042

Table 1

ANALYTICAL RESULTS

Purgeable Halocarbons in Water

EPA Method 601[a]

GTEL Sample Number		01	02	03	04
Client Identification		MW-1	MW-2	MW-3	MW-4
Date Sampled		08/03/93	08/03/93	08/03/93	08/03/93
Date Analyzed		08/13/93	08/13/93	08/14/93	08/14/93
Analyte	Detection Limit, ug/L	Concentration, ug/L			
Chloromethane	0.5	<0.5	<0.5	<0.5	<0.5
Bromomethane	0.5	<0.5	<0.5	<0.5	<0.5
Vinyl chloride	1	<1	<1	<1	<1
Chloroethane	0.5	<0.5	<0.5	<0.5	<0.5
Methylene chloride	0.5	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethene	0.5	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane	0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dichloroethene	0.5	<0.5	<0.5	<0.5	<0.5
Chloroform	0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dichloroethane	0.5	<0.5	<0.5	<0.5	<0.5
1,1,1-Trichloroethane	0.5	<0.5	<0.5	<0.5	<0.5
Carbon tetrachloride	0.5	<0.5	<0.5	<0.5	<0.5
Bromodichloromethane	0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dichloropropane	0.5	<0.5	<0.5	<0.5	<0.5
cis-1,3-Dichloropropene	0.5	<0.5	<0.5	<0.5	<0.5
Trichloroethene	0.5	<0.5	<0.5	<0.5	<0.5
Dichlorodifluoromethane	0.5	<0.5	<0.5	<0.5	<0.5
Dibromochloromethane	0.5	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	0.5	<0.5	<0.5	<0.5	<0.5
trans-1,3-Dichloropropene	0.5	<0.5	<0.5	<0.5	<0.5
2-Chloroethylvinyl ether	1	<1	<1	<1	<1
Bromoform	0.5	<0.5	<0.5	<0.5	<0.5
Tetrachloroethene	0.5	<0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	0.5	<0.5	<0.5	<0.5	<0.5
Chlorobenzene	0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dichlorobenzene	0.5	<0.5	<0.5	<0.5	<0.5
1,3-Dichlorobenzene	0.5	<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene	0.5	<0.5	<0.5	<0.5	<0.5
Trichlorofluoromethane	0.5	<0.5	<0.5	<0.5	<0.5
Detection Limit Multiplier		1	1	1	1
BFB surrogate, % recovery		92.6	87.2	81.8	90.0

a. Federal Register, Vol. 49, October 26, 1984. BFB surrogate recovery acceptability limits are 65-135%.

GTEL ENVIRONMENTAL LABORATORIES, INC.

Table 1 (Continued)

ANALYTICAL RESULTS

Purgeable Halocarbons in Water

EPA Method 601[a]

GTEL Sample Number		05	06	07	08
Client Identification		MW-5	MW-6	SV-1	SV-2
Date Sampled		08/03/93	08/03/93	08/03/93	08/03/93
Date Analyzed		08/14/93	08/14/93	08/14/93	08/14/93
Analyte	Detection Limit, ug/L	Concentration, ug/L			
Chloromethane	0.5	<0.5	<0.5	<0.5	<0.5
Bromomethane	0.5	<0.5	<0.5	<0.5	<0.5
Vinyl chloride	1	<1	<1	<1	<1
Chloroethane	0.5	<0.5	<0.5	<0.5	<0.5
Methylene chloride	0.5	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethene	0.5	<0.5	<0.5	<0.5	<0.5
1,1-Dichloroethane	0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dichloroethene	0.5	<0.5	<0.5	<0.5	<0.5
Chloroform	0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dichloroethane	0.5	<0.5	<0.5	<0.5	<0.5
1,1,1-Trichloroethane	0.5	<0.5	<0.5	<0.5	<0.5
Carbon tetrachloride	0.5	<0.5	<0.5	<0.5	<0.5
Bromodichloromethane	0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dichloropropane	0.5	<0.5	<0.5	<0.5	<0.5
cis-1,3-Dichloropropene	0.5	<0.5	<0.5	<0.5	<0.5
Trichloroethene	0.5	<0.5	<0.5	<0.5	<0.5
Dichlorodifluoromethane	0.5	<0.5	<0.5	<0.5	<0.5
Dibromochloromethane	0.5	<0.5	<0.5	<0.5	<0.5
1,1,2-Trichloroethane	0.5	<0.5	<0.5	<0.5	<0.5
trans-1,3-Dichloropropene	0.5	<0.5	<0.5	<0.5	<0.5
2-Chloroethylvinyl ether	1	<1	<1	<1	<1
Bromoform	0.5	<0.5	<0.5	<0.5	<0.5
Tetrachloroethene	0.5	<0.5	<0.5	<0.5	<0.5
1,1,2,2-Tetrachloroethane	0.5	<0.5	<0.5	<0.5	<0.5
Chlorobenzene	0.5	<0.5	<0.5	<0.5	<0.5
1,2-Dichlorobenzene	0.5	<0.5	<0.5	<0.5	<0.5
1,3-Dichlorobenzene	0.5	<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene	0.5	<0.5	<0.5	<0.5	<0.5
Trichlorofluoromethane	0.5	<0.5	<0.5	<0.5	<0.5
Detection Limit Multiplier		1	1	1	1
BFB surrogate, % recovery		76.4	68.8	87.6	87.8

a. Federal Register, Vol. 49, October 26, 1984. BFB surrogate recovery acceptability limits are 65-135%.

GTEL ENVIRONMENTAL LABORATORIES, INC.

Client Number: 053243716
Project ID: Wilmington, NC
Work Order Number: C3-08-0042

Table 1 (Continued)

ANALYTICAL RESULTS

Purgeable Halocarbons in Water

EPA Method 601[a]

GTEL Sample Number		C081393			
Client Identification		METHOD BLANK			
Date Sampled		–			
Date Analyzed		08/13/93			
Analyte	Detection Limit, ug/L	Concentration, ug/L			
Chloromethane	0.5	<0.5			
Bromomethane	0.5	<0.5			
Vinyl chloride	1	<1			
Chloroethane	0.5	<0.5			
Methylene chloride	0.5	<0.5			
1,1-Dichloroethene	0.5	<0.5			
1,1-Dichloroethane	0.5	<0.5			
1,2-Dichloroethene	0.5	<0.5			
Chloroform	0.5	<0.5			
1,2-Dichloroethane	0.5	<0.5			
1,1,1-Trichloroethane	0.5	<0.5			
Carbon tetrachloride	0.5	<0.5			
Bromodichloromethane	0.5	<0.5			
1,2-Dichloropropane	0.5	<0.5			
cis-1,3-Dichloropropene	0.5	<0.5			
Trichloroethene	0.5	<0.5			
Dichlorodifluoromethane	0.5	<0.5			
Dibromochloromethane	0.5	<0.5			
1,1,2-Trichloroethane	0.5	<0.5			
trans-1,3-Dichloropropene	0.5	<0.5			
2-Chloroethylvinyl ether	1	<1			
Bromoform	0.5	<0.5			
Tetrachloroethene	0.5	<0.5			
1,1,2,2-Tetrachloroethane	0.5	<0.5			
Chlorobenzene	0.5	<0.5			
1,2-Dichlorobenzene	0.5	<0.5			
1,3-Dichlorobenzene	0.5	<0.5			
1,4-Dichlorobenzene	0.5	<0.5			
Trichlorofluoromethane	0.5	<0.5			
Detection Limit Multiplier		1			
BFB surrogate, % recovery		100			

a. Federal Register, Vol. 49, October 26, 1984. BFB surrogate recovery acceptability limits are 65-135%.

GTEL ENVIRONMENTAL LABORATORIES, INC.

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

4080 PIKE LANE, SUITE C
CONCORD, CA 94520
(510) 685-7852
(800) 423-7143

Phone #: (919) 467-2227
FAX #: (919) 467-2299
Site location: WILMINGTON, NC
Client Project ID: (#) 05324-376, 030543
(NAME) BELLSOUTH / CREANFIELD ST.
Sampler Name (Print): JEFF LEAVER

Field Sample ID	GTEL Lab # (Lab use only)	# Containers	Matrix: WATER	SOIL	AIR	SLUDGE	PRODUCT	OTHER	Method Preserved: HCl	HNO_3	H_2SO_4	ICE	UNPRESERVED	OTHER (SPECIFY)	Sampling: DATE	TIME
	01	6	X						X			X			8/3	1305
	02	6														1257
	03	6														1220
	04	6														1212
	05	6														1150
	06	6														1206
	07	6														1245
	08	6														1235
	09	2		X											↓	1320

BTEX/602 8020 ☐ with MTBE X	BTEX/Gas Hydrocarbons PID/FID ☐ with MTBE ☐	Hydrocarbons GC/FID Gas ☐ Diesel ☐ Screen ☐	Hydrocarbon Profile (SIMDIS) ☐	Oil and Grease 413.1 ☐ 413.2 ☐ SM 503 ☐	TPH/IR 418.1 ☐ SM 503 ☐	EDB by 504 X DBCP by 504 ☐	EPA 503.1 ☐ EPA 502.2 ☐	EPA 601 X EPA 8010 ☐	EPA 602 ☐ EPA 8020 ☐	EPA 608 ☐ 8080 ☐ PCB only ☐	EPA 624/PPL ☐ 8240/TAL ☐ NBS (+15) ☐	EPA 625/PPL ☐ 8270/TAL ☐ NBS (+25) ☐	EPA 610 ☐ 8310 ☐	EP TOX Metals ☐ Pesticides ☐ Herbicides ☐	TCLP Metals X VOA ☐ Semi-VOA ☐ Pest ☐ Herb ☐	EPA Metals - Priority Pollutant ☐ TAL ☐ RCRA ☐	CAM Metals TTLC ☐ STLC ☐	Lead 239.2 ☐ 200.7 ☐ 7420 ☐ 7421 ☐ 6010 ☐	Organic Lead ☐	Corrosivity X Flash Point X Reactivity X	TPH AS GAS (5030)	TOX	EX 8020
X						X		X														
															X					X	X	X

Special Handling
GTEL Contact
Quote/Contract #
Confirmation #
PO #
QA/QC LEVEL
QA ☐ Other

SPECIAL DETECTION LIMITS

SPECIAL REPORTING REQUIREMENTS
FAX X

REMARKS: SEAL INTACT, ON ICE AT 5°C
8/4/93 BEC

Lab Use Only Lot #: C3080042
Storage Location:
Work Order #

Relinquished by Sampler:	Date	Time	Received by:
Jeff Leaver	8/3/93	1450	FED-EX WILMINGTON, NC
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	8/4/93	0905	

Waybill #

APPENDIX F

DRILLING CUTTING MATERIAL CHARACTERIZATION ANALYTICAL REPORT

GTEL
ENVIRONMENTAL
LABORATORIES, INC.
4080 Pike Lane
Concord, CA 94520
(510) 685-7852
(800) 544-3422 Inside CA
(800) 423-7143 Outside CA
(510) 825-0720 FAX

Client Number: 053243716
Project ID: Wilmington, NC
Work Order Number: C3-08-0042

August 18, 1993

Teresa Watson
Groundwater Technology, Inc.
1000 Perimeter Park Drive, #I
Morrisville, NC 27560

Enclosed please find the analytical results for samples received by GTEL Environmental Laboratories, Inc. on 08/04/93, under chain of custody record 29896.

A formal Quality Assurance/Quality Control (QA/QC) program is maintained by GTEL, which is designed to meet or exceed the EPA requirements. Analytical work for this project met QA/QC criteria, unless otherwise stated in the footnotes.

GTEL is certified by the California State Department of Health Services, Laboratory certification number E1075, to perform analyses for drinking water, wastewater, and hazardous waste materials according to EPA protocols.

If you have any questions concerning this analysis or if we can be of further assistance, please call our Customer Service Representative.

Sincerely,
GTEL Environmental Laboratories, Inc.

Eileen F. Bullen
Laboratory Director

Client Number: 053243716
Project ID: Wilmington, NC
Work Order Number: C3-08-0042

Table 1

ANALYTICAL RESULTS

Volatile Organics in Soil

EPA Methods 602 and Modified 8015[a]

GTEL Sample Number		09	F081393		
Client Identification		COMP-1	METHOD BLANK		
Date Sampled		08/03/93	--		
Date Extracted		08/13/93	08/13/93		
Date Analyzed		08/13/93	08/13/93		
Analyte	Detection Limit, mg/kg	Concentration, mg/kg			
Benzene	0.005	<0.005	<0.005		
Toluene	0.005	<0.005	<0.005		
Ethylbenzene	0.005	<0.005	<0.005		
Xylene, total	0.015	<0.015	<0.015		
BTEX, total	--	--	--		
TPH as Gasoline	1	<1	<1		
Detection Limit Multiplier		1	1		
Percent solids		80.4	NA		
BFB surrogate, % recovery		71.2	78.7		

a. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, US EPA November 1986. Modification for TPH as gasoline as per California State Water Resources Board LUFT Manual procedures. Bromofluorobenzene surrogate recovery acceptability limits are 60-140%. NA = Not Applicable.

GTEL ENVIRONMENTAL LABORATORIES, INC.

Client Number: 053243716
Project ID: Wilmington, NC
Work Order Number: C3-08-0042

ANALYTICAL RESULTS

Matrix: Soil

				Sample Number	09	080693 PHS		
				Sample Identification	COMP-1	METHOD BLANK		
				Date Sampled	08/03/93	--		
Test Description	Units	Detection Limit	Method	Date Analyzed	Test Result			
Cyanide Reactivity Screen	mg/Kg	1	ASTM (D5049-90/C)	08/06/93	<1	<1		
Sulfide Reactivity Screen	mg/Kg	1	ASTM (D4978-89/A)	08/06/93	<1	<1		
Ignitability	^{o}F	65	EPA 1010	08/05/93	NF<160	NA		
pH	pH	NA	EPA 150.1	08/05/93	8.2	NA		
Extractable Organic Halides	ug/L	5	EPA 9020	08/06/93	<5	<5		

Note: Test Methods for Evaluating Solid Waste, SW-846, 3rd edition, Rev. O, U.S. EPA, November, 1986.

Note: Test Methods for Chemical Analysis of Water and Wastes, EPA 600/4-79-020, March, 1983.

ASTM = American Society for Testing and Materials, 1990.

NF$\leq$160 = No flash at temperature less than or equal to 160°.

NA = NA Applicable.

GTEL ENVIRONMENTAL LABORATORIES, INC.

Client Number: 053243716
Project ID: Wilmington, NC
Work Order Number: C3-08-0042

Table 1

ANALYTICAL RESULTS

Metals in TCLP Leachate[a]

GTEL Sample Number			09	081093 MET		
Client Identification			COMP-1	METHOD BLANK		
Date Sampled			08/03/93	--		
Date Leached Start			08/10/93	08/10/93		
Date Leached End			08/11/93	08/11/93		
Date Analyzed (Method 6010)			08/12/93	08/12/93		
Date Analyzed (Method 7470)			08/12/93	08/12/93		
Date Analyzed (Methods 7060, 7740)			08/12/93 08/13/93	08/12/93 08/13/93		
Analyte	Method[b]	Detection Limit, mg/L	Leachate Concentration, mg/L			
Arsenic	EPA 7060[e]	0.1	<0.1	<0.1		
Barium	EPA 6010[c]	5	<5	<5		
Cadmium	EPA 6010[c]	0.1	<0.1	<0.1		
Chromium, total	EPA 6010[c]	0.1	<0.1	<0.1		
Lead	EPA 6010[c]	0.5	<0.5	<0.5		
Mercury	EPA 7470[d]	0.004	<0.004	<0.004		
Selenium	EPA 7740[e]	0.5	<0.5	<0.5		
Silver	EPA 6010[c]	0.1	<0.1	<0.1		
Detection Limit Multiplier			1	1		

a. Federal Register, June 29, 1990, 40 CFR, Part 261, Appendix II - Method 1311. Update of November 24, 1992 removed bias adjustment based on spike recoveries.
b. Test Methods for Evaluating Solid Waste, SW-846, Third Edition, Revision 0, US EPA November 1986.
c. Inductively Coupled Argon Plasma (ICP)
d. Cold Vapor Atomic Absorption (CVAA)
e. Graphic Furnace Atomic Absorption (GFAA)

GTEL ENVIRONMENTAL LABORATORIES, INC.

4080 PIKE LANE, [redacted]E C[redacted]
CONCORD, CA 94520
(510) 685-7852
(800) 423-7143

CH[redacted]OF-[redacted]TODY RECORD
AND ANALYSIS REQUEST

Phone #: (919) 467-2227
FAX #: (919) 467-2299
Site location: WILMINGTON, NC
Client Project ID: (#) 05324-3716, 030543
(NAME) BELLSOUTH / GREENFIELD ST.
Sampler Name (Print): JEFF LEAVER

Field Sample ID	GTEL Lab # (Lab use only)	# Containers	Matrix: WATER	SOIL	AIR	SLUDGE	PRODUCT	OTHER	Method Preserved: HCl	HNO_3	H_2SO_4	ICE	UNPRESERVED	OTHER (SPECIFY)	Sampling: DATE	TIME	BTEX/602 ☒ 8020 ☐ with MTBE ☒ +IPE	BTEX/Gas Hydrocarbons PID/FID ☐ with MTBE ☐	Hydrocarbons GC/FID Gas ☐ Diesel ☐ Screen ☐	Hydrocarbon Profile (SIMDIS) ☐	Oil and Grease 413.1 ☐ 413.2 ☐ SM 503 ☐	TPH/IR 418.1 ☐ SM 503 ☐	EDB by 504 ☒ DBCP by 504 ☐	EPA 503.1 ☐ EPA 502.2 ☐	EPA 601 ☒ EPA 8010 ☐	EPA 602 ☐ EPA 8020 ☐	EPA 608 ☐ 8080 ☐ PCB only ☐	EPA 624/PPL ☐ 8240/TAL ☐ NBS (+15) ☐	EPA 625/PPL ☐ 8270/TAL ☐ NBS (+25) ☐	EPA 610 ☐ 8310 ☐	EP TOX Metals ☐ Pesticides ☐ Herbicides ☐	TCLP Metals ☒ VOA ☐ Semi-VOA ☐ Pest ☐ Herb ☐	EPA Metals - Priority Pollutant ☐ TAL ☐ RCRA ☐	CAM Metals TTLC ☐ STLC ☐	Lead 239.2 ☐ 200.7 ☐ 7420 ☐ 7421 ☐ 6010 ☐	Organic Lead ☐	Corrosivity ☒ Flash Point ☒ Reactivity ☒	TPH AS GAS (5030)	TOX	EX 8020
[illegible]	01	6	X						X			X			8/3	1305	X						X		X														
[illegible]	02	6														1257																							
[illegible]	03	6														1220																							
[illegible]	04	6														1212																							
[illegible]	05	6														1150																							
[illegible]	06	6														1200																							
[illegible]	07	6														1245																							
[illegible]	08	6														1235																							
[illegible]	09	2		X												1320																X					X	X	X	X

Wilcoxy 8/17

Special Handling
GTEL Contact
Quote/Contract #
Confirmation #
PO #
QA / QC LEVEL
OTHER

SPECIAL DETECTION LIMITS

SPECIAL REPORTING REQUIREMENTS
FAX ☒

REMARKS SEAL INTACT, ON ICE AT 5°C
8/4/93 (BEC)

Lab Use Only Lot # C3080042
Storage Location:
Work Order #

Relinquished by Sampler:	Date	Time	Received by:
Jeff Leaver	8/3/93	1450	FED-EX WILMINGTON, NC
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date	Time	Received by Laboratory:
	8/4/93	0905	[signature]

Waybill #

CUSTODY RECORD

GW/UST-2 Site Investigation Report For Permanent Closure or Change-in-Service of U.S.T.

FOR TANKS IN **NC**

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

State Use Only
I.D. Number _____
Date Received _____

INSTRUCTIONS

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

I. Ownership of Tank(s)

Owner Name: Housing Authority of Wilmington
Corporation, Individual, Public Agency, or Other Entity)
Street Address: Drawer 899
County: New Hanover
City: Wilmington State: N.C. Zip Code: 28402
Telephone Number: (910) 341-7768
(Area Code)

II. Location of Tank(s)

Facility Name: Houston Moore
(or Company)
Facility ID # (if available):
Street Address
(or State Road)
County: New Hanover City: Wilmington Zip Code: 28402
Telephone Number: (910) 341-7768
(Area Code)

III. Contact Person

Name: Mary Foster Job Title: Asst. Executive Director/Operations Tel. No.: 910-341-7768
Closure Contractor: THH Services Address: Greenville, N.C. Tel. No.: 919-758-0001
Primary Consultant: UTTS/Environmental Address: Greenville, N.C. Tel. No.: 919-758-0001
Lab: Southern Testing Address: Wilson, N.C. Tel. No.: 919-237-4175

IV. U.S.T. Information

Tank No.	Size in Gallons	Tank Dimensions	Last Contents
1	10,000	120" X 18'	#5 Fuel oil
2	8000	96" X 21'	#5 Fuel oil
3	8000	96" X 21'	#5 Fuel oil

V. Excavation Condition

Water In Excavation		Free Product		Notable Odor or Visible Soil Contamination	
Yes	No	Yes	No	Yes	No
	✓		✓		✓
	✓		✓		✓
	✓		✓		✓

VI. Additional Information Required

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

NOTE: The site assessment portion of the tank closure must be conducted under the supervision of a Professional Engineer or Licensed Geologist. After Jan.1, 1994, all closure site assessment reports must be signed and sealed by a P.E. or L.G.

VII. Check List (Check the activities completed)

PERMANENT CLOSURE (For Removing or Abandoning-in-place)

- ☑ Contact local fire marshal.
- ☑ Notify DEM Regional Office before abandonment.
- ☑ Drain & flush piping into tank.
- ☑ Remove all product and residuals from tank.
- ☐ Excavate down to tank.
- ☐ Clean and inspect tank.
- ☑ Remove drop tube, fill pipe, gauge pipe, vapor recovery tank connections, submersible pumps and other tank fixtures.
- ☐ Cap or plug all lines except the vent and fill lines.
- ☐ Purge tank of all product & flammable vapors.
- ☐ Cut one or more large holes in the tanks.
- ☐ Backfill the area.

Date Tank(s) Permanently closed: 7-20-94
Date of Change-in-Service: _____

ABANDONMENT IN PLACE

- ☐ Fill tank until material overflows tank opening.
- ☐ Plug or cap all openings.
- ☐ Disconnect and cap or remove vent line.
- ☐ Solid inert material used - specify: _____

REMOVAL

- ☑ Create vent hole.
- ☑ Label tank.
- ☑ Dispose of tank in approved manner.

Final tank destination: Leland, N.C.
P d W Tank Disposal

VIII. Certification (Read and Sign)

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

Print name and official title of owner or owner's authorized representative	Signature	Date Signed
Brian E. Gray President, UTTS/Env.	Brian E. Gray	09/15/94

TANK CLOSURE BY REMOVAL

Facility:

HOUSTON MOORE TERRACE
WILMINGTON HOUSING AUTHORITY
1401 SOUTH THIRTEENTH STREET
WILMINGTON, NEW HANOVER COUNTY, N.C.

Client:

WILMINGTON HOUSING AUTHORITY
DRAWER 899
WILMINGTON, N.C. 28402

Performed by:

UTTS/ENVIRONMENTAL
P.O. BOX 8148
GREENVILLE, N.C. 27835
(919) 758-0001

Brian E. Gray

Brian E. Gray, P.G.
President, UTTS/Environmental



September, 1994

I. INTRODUCTION

The Wilmington Housing Authority contracted UTTS/Environmental (UTTS/E) to supervise excavation and removal of two (2) 8,000 gallon Underground Storage Tanks (USTs) and one (1) 10,000 gallon UST. All three USTs formerly contained # 5 fuel oil. Excavation and removal procedures were handled by THH Services, Ltd. of Greenville, N.C. and monitored by UTTS/E personnel. Following removal, the USTs were transported by THH Services, Ltd. to P&W Oil Company in Leland, N.C. for final disposal. The USTs were removed on 7/20/94.

The subject site address is:

Wilmington Housing Authority-Houston Moore Terrace
1401 South Thirteenth Street
Wilmington, New Hanover County, N.C.

A vicinity map and site map are located in Appendix A & B, respectively.

The following gives information about the former USTs closed by removal:

UST #	UST Size	UST Age	Fuel Type	Condition
1	10,000 Gallon	App. 12 Years	# 5 Fuel Oil	Good
2	8,000 Gallon	App. 46 Years	# 5 Fuel Oil	Fair
3	8,000 Gallon	App. 46 Years	# 5 Fuel Oil	Fair

The UST system was formerly utilized to store fuel oil for a boiler onsite. UTTS/E established and performed a sampling program to determine if there was any petroleum hydrocarbon contamination in the surrounding soils within the tank pit excavation. The closure activities were conducted in accordance with 40 CFR Subpart 280.72 and 280.74, Underground Storage Tanks and North Carolina regulations (NCAC 2N .0803 and .0805). Soil sampling was conducted in accordance with State and Federal regulations and protocols. Analytical methods utilized during confirmatory testing were selected based on those compounds and clean up objectives as established by the implementing agency (NC DEHNR).

The following sections describe the work procedures performed during the UST closures.

II. WORK PERFORMED

Prior to the initiation of this closure program, all product and sludge in the USTs was removed. P&W Oil Company of Leland, N.C. was subcontracted to remove and properly dispose of the fuel/sludge remaining in the base of the USTs. Excavation and removal procedures were performed by THH Services, Ltd. and monitored by UTTS/E personnel. As previously mentioned the USTs were transported to P&W Oil Company for final decontamination and disposal. A manifest for the USTs is included in Appendix E.

During excavation procedures, samples of the excavated backfill material were intermittently screened for indication of contamination. The soil screening was based on visual inspection and the emission of petroleum hydrocarbon vapors associated with petroleum fuel. Vapor emissions were measured with an Organic Vapor Analyzer (OVA). The OVA measures total volatile organics in parts per million (ppm).

After excavation and tank removal procedures had been completed, soil samples were collected from the excavated tank pit. Soil sample locations can be found in Appendix B.

The soil samples were obtained at a depth of 2 feet beneath each end and the center of the 8,000 gallon USTs as they were greater than 20 feet in length. Only two samples were collected from beneath the 10,000 gallon UST as it did not exceed 20 feet in length.

All soil samples were collected from native soils in the base of the UST excavation. Duplicate soil samples were obtained from the bucket of the excavation equipment with a new latex glove. One soil sample was placed in a ziplock storage bag and was screened using an OVA. The other soil sample was placed in an EPA approved container (250 ml amber borosilicate jar) labeled and placed on ice or ice substitute. Soil samples collected were submitted to Southern Testing and Research Laboratories in Wilson, N.C. for analysis of Total Petroleum Hydrocarbons (TPH) by EPA Method 9071 (Oil and Grease). The analytical method was selected based on contents of the former USTs (# 5 fuel oil).

The results of the OVA screenings of the soil are as follows:

Sample ID	Depth	Location	Lithology	OVA Readings
1A	13.5'	Fill End	Tan F. to Med Sand	BDL
1B	13.5'	Opposite End	Tan F. to Med Sand	BDL
2A	12'	Fill End	Tan F. to Med Sand	BDL
2B	12'	Opposite End	Tan F. to Med Sand	BDL
2C	12'	Center	Tan F. to Med Sand	BDL
3A	12'	Fill End	Tan F. to Med Sand	BDL
3B	12'	Opposite End	Tan F. to Med Sand	BDL
3C	12'	Center	Tan F. to Med Sand	BDL

Note: It should be noted that the OVA is less sensitive for "heavier" fuels (such as fuel oils #4, #5 and #6). It is common for the OVA to read low on the heavier fuels as they are not as readily volatile as "lighter" fuels (gasoline, kerosene, etc.)

Ground water was not observed in the UST excavation pits at the subject site, therefore UTTS/E personnel did not obtain water samples.

III. EXCAVATION DETAILS

The estimated size of the UST excavation area is listed below.

AREA	UST REMOVED	EXCAVATED AREA	GROUND WATER ENCOUNTERED
1	10,000 Gallon	13.5'D X 22'L X 12'W	No
2	8,000 Gallon 8,000 Gallon	12'D X 25'L X 24'W	No

UTTS/E screened UST backfill material and native soils removed during the UST excavation. As the soil gave no indication of contamination, it was replaced into the excavation area.

The excavation pits were then backfilled with sand to grade.

IV. ANALYTICAL RESULTS OF SOIL SAMPLES

The location of soil samples collected are presented on the site map in Appendix B.

The following summarizes the analytical results of the EPA Method 9071 analysis. All results are given in parts per million.

SAMPLE ID	LABORATORY METHOD	ANALYTICAL RESULTS
1A	EPA Method 9071	**312 ppm**
1B	EPA Method 9071	205 ppm
2A	EPA Method 9071	**1220 ppm**
2B	EPA Method 9071	175 ppm
2C	EPA Method 9071	203 ppm
3A	EPA Method 9071	165 ppm
3B	EPA Method 9071	193 ppm
3C	EPA Method 9071	50 ppm

A copy of the laboratory analytical results is given in Appendix D.

UTTS/E personnel have performed a Site Sensitivity Evaluation (SSE) for the subject site. The purpose of the SSE is to establish final cleanup levels of soil contamination by taking into account site specific conditions. Below is a justification and summary of factors used in the determination of the SSE cleanup levels at the site.

Factor	
Grain Size	Predominantly Sand
Textures Present in Underlying Soils	Sand
Distance to Water Table from Deepest Contaminated Soil	0 -5 Feet
Transmissive Indurated Sediments Above Water Table	No
Artificial Conduits Present	Yes- Steam Lines, Water and Sewer lines in area.
Water Supply Wells	None Known-Water is supplied by the City of Wilmington, which derives the water from the Cape Fear River.

Based on the site specific factors, UTTS/E has determined the final cleanup level for soil at the subject site to be 1,200 ppm TPH by EPA Method 9071. Therefore, the soil contamination levels observed in all but one of the samples would be at acceptable levels.

A copy of the SSE is presented in Appendix F.

V. CONCLUSIONS AND RECOMMENDATIONS

UTTS/E has completed the closure by removal of two (2) 8,000 gallon # 5 fuel oil USTs and one (1) 10,000 gallon # 5 fuel oil UST. The USTs have been decontaminated and destroyed by P&W Oil Company.

The analytical results of two soil samples obtained beneath the former USTs exceeded the NC DEHNR 250 ppm TPH action limit by EPA Method 9071. A SSE has established a final cleanup level of 1,200 ppm TPH by EPA Method 9071. One soil sample, however still exceeds the final cleanup level.

Based on laboratory analytical results, UTTS/E feels that additional work may be required by the NC DEHNR to fully assess the extent of contamination at the subject site.

VI. LIMITATIONS

The purpose of this report was to assess the existing and potential environmental concerns associated with the underground storage tanks and it's associated piping after the tanks were closed by removal. The conclusions presented in this report are based only on the observations made during the date of the removal of the tanks and should not be relied upon to represent site conditions on other dates. The report presents site conditions observed and analytical results from soil and/or ground water obtained from the site.

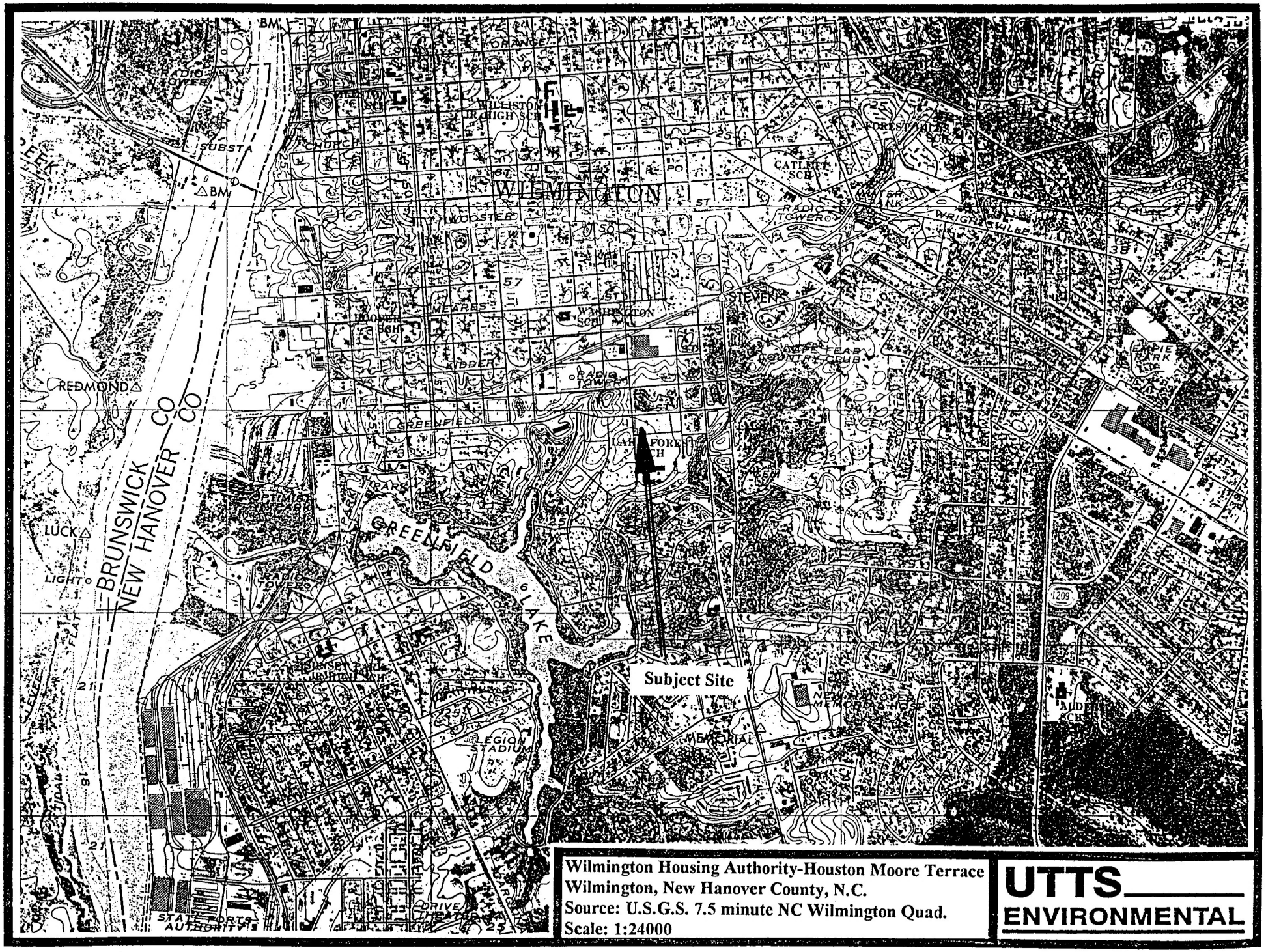
It must be noted that no investigation can absolutely deny the existence of any hazardous materials or contamination at a given location. Existing hazardous materials and contaminants may escape detection using the methods employed.

UTTS/E does hereby give notice that any statement or opinion contained in this report prepared by UTTS/E shall not be construed to create any warranty or representation that the real estate property on which the investigation was conducted is free of pollution or complies with any or all applicable regulatory or statute requirements, or that the property is fit for any particular purpose. Unless otherwise indicted within this report, no attempt was made to check on the compliance of present or past owners of the subject site with federal, state, or local laws and regulations. The conclusions presented in this report were based upon the services described, and not on scientific tasks or procedures beyond the scope of the described services or the time and budgetary constraints imposed by the client. Any person or entity considering the use, acquisition or other involvement or activity concerning the property which is the subject of this report should enter into any use, occupation, acquisition or the like on the sole reliance of its own judgment and on its own personal investigation of said property, and not in reliance upon any representation by UTTS/E regarding such property, character, quality or value thereof. UTTS/E has performed a limited assessment in a professional manner using the degree of skill and care exercised for similar projects under similar conditions by reputable and competent environmental consultants. UTTS/E shall not be responsible for conditions or consequences arising from relevant facts that were concealed, withheld or not fully disclosed at the time the evaluation was performed.

Should any additional data become available, these data should be reviewed by UTTS/E and the findings presented herein modified, as appropriate.

APPENDIX A

VICINITY MAP

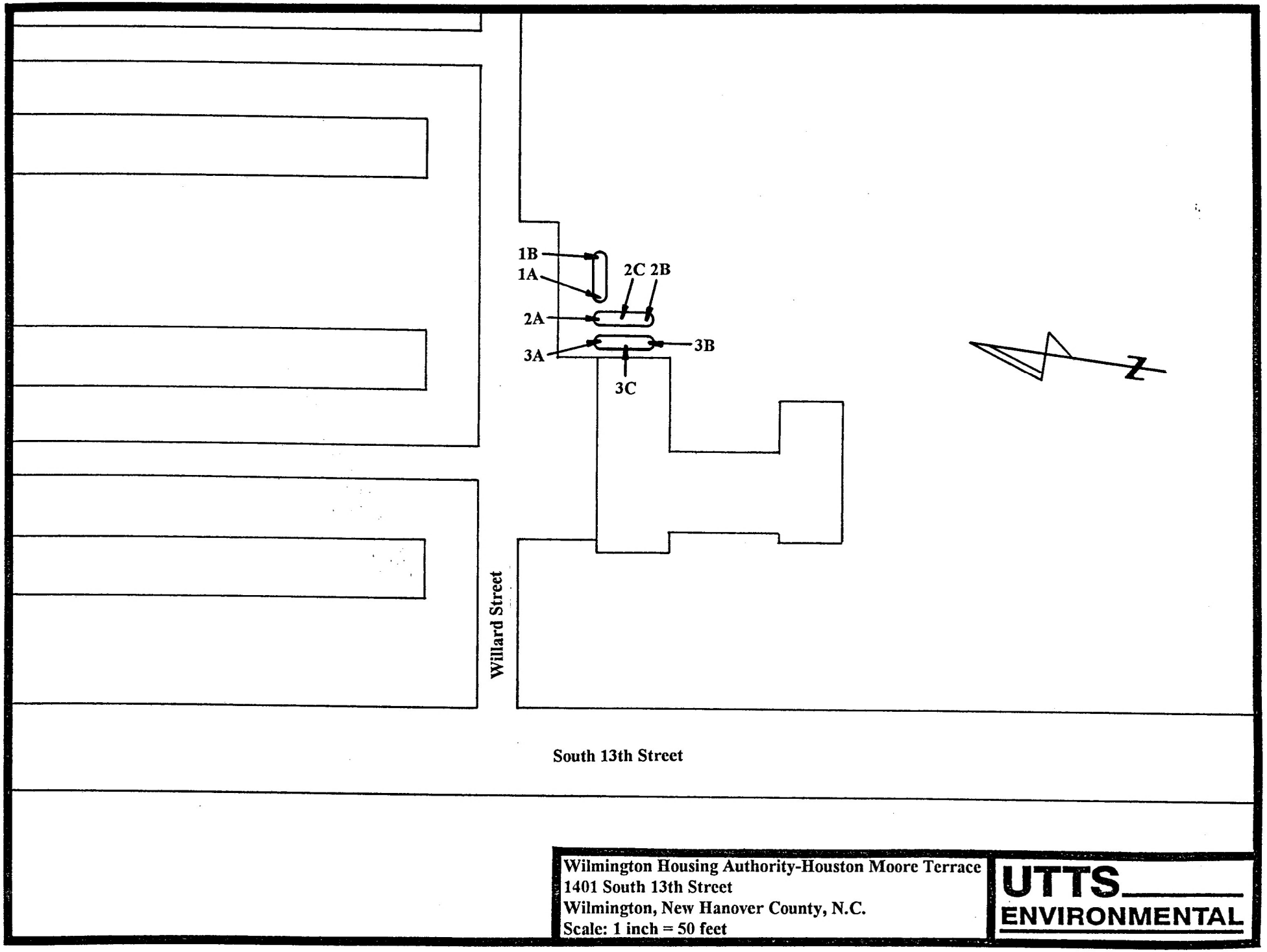


Wilmington Housing Authority-Houston Moore Terrace
Wilmington, New Hanover County, N.C.
Source: U.S.G.S. 7.5 minute NC Wilmington Quad.
Scale: 1:24000

UTTS
ENVIRONMENTAL

APPENDIX B

SITE MAP



Wilmington Housing Authority-Houston Moore Terrace
1401 South 13th Street
Wilmington, New Hanover County, N.C.
Scale: 1 inch = 50 feet

UTTS ENVIRONMENTAL

APPENDIX C

GW-UST FORM

GW/UST-2 Site Investigation Report For Permanent Closure or Change-in-Service of U.S.T.

FOR TANKS IN **NC**

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

State Use Only
I.D. Number _____
Date Received _____

INSTRUCTIONS

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

I. Ownership of Tank(s)

Owner Name: Housing Authority of Wilmington
Corporation, Individual, Public Agency, or Other Entity)
Street Address: Drawer 479
County: New Hanover
City: Wilmington State: N.C. Zip Code: 28402
Telephone Number: (910) 341-7768
(Area Code)

II. Location of Tank(s)

Facility Name: Houston Moore
(or Company)
Facility ID # (if available):
Street Address
(or State Road)
County: New Hanover City: Wilmington Zip Code: 28402
Telephone Number: (910) 341-7768
(Area Code)

III. Contact Person

Name: Mary Foster Job Title: Asst. Executive Director/Operati Tel. No.: 910-341-7768
Closure Contractor: THH Services Address: Greenville, N.C. Tel. No.: 919-758-0001
Primary Consultant: UTTS/Environmental Address: Greenville, N.C. Tel. No.: 919-758-0001
Lab: Southern Testing Address: Wilson, N.C. Tel. No.: 919-237-417

IV. U.S.T. Information

V. Excavation Condition

VI. Additional Information Required

Tank No.	Size in Gallons	Tank Dimensions	Last Contents	Water In Excavation Yes	Water In Excavation No	Free Product Yes	Free Product No	Notable Odor or Visible Soil Contamination Yes	Notable Odor or Visible Soil Contamination No
1	10,000	120" X 18'	#5 Fuel oil		✓		✓		✓
2	8000	96" X 21'	#5 Fuel oil		✓		✓		✓
3	8000	96" X 21'	#5 Fuel oil		✓		✓		✓

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

NOTE: The site assessment portion of the tank closure must be conducted under the supervision of a Professional Engineer or Licensed Geologist. After Jan.1, 1994, all closure site assessment reports must be signed and sealed by a P.E. or L.G.

VII. Check List (Check the activities completed)

PERMANENT CLOSURE (For Removing or Abandoning-in-place)

- [✓] Contact local fire marshal.
- [✓] Notify DEM Regional Office before abandonment.
- [✓] Drain & flush piping into tank.
- [✓] Remove all product and residuals from tank.
- [ ] Excavate down to tank.
- [ ] Clean and inspect tank.
- [✓] Remove drop tube, fill pipe, gauge pipe, vapor recovery tank connections, submersible pumps and other tank fixtures.
- [ ] Cap or plug all lines except the vent and fill lines.
- [ ] Purge tank of all product & flammable vapors.
- [ ] Cut one or more large holes in the tanks.
- [ ] Backfill the area.

Date Tank(s) Permanently closed: 7-20-94
Date of Change-in-Service: _____

ABANDONMENT IN PLACE

- [ ] Fill tank until material overflows tank opening.
- [ ] Plug or cap all openings.
- [ ] Disconnect and cap or remove vent line.
- [ ] Solid inert material used - specify: _____

REMOVAL

- [✓] Create vent hole.
- [✓] Label tank.
- [✓] Dispose of tank in approved manner.

Final tank destination: Leland, N.C.
P & W Tank Disposal

VIII. Certification (Read and Sign)

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

Print name and official title of owner or owner's authorized representative	Signature	Date Signed
Brian E. Gray President, UTTS/Env.	Brian E. Gray	09/15/94

APPENDIX D

SOIL SAMPLE ANALYTICAL RESULTS

Southern Testing & Research Laboratories, Inc.

3809 Airport Drive (919) 237-4175 • Fax: (919) 237-9341 Wilson, NC 27896

REPORT OF ANALYSIS

LAB SAMPLE NO.(s): 8989C1-4 of: 6 Date Received: 94/07/22

Sample(s) of : SOIL Date Reported: 94/08/23

NAM : CHARLIE HARRISON
ORG : UTTS, INC. Telephone : 919-758-0001
ADD : P.O. BOX 8148
CSZ : GREENVILLE, NC 27835 PO/Job No. : 22684

Marked A: HOUSTON MOORE 2A B: HOUSTON MOORE 2B

C: HOUSTON MOORE 2C D: HOUSTON MOORE 3A

CAT. NO.	ANALYSES	UNITS	Lab Sample No.=> A: 8989C1	B: 8989C2	C: 8989C3	D: 8989C4
EW-32.1	OIL AND GREASE	(mg/kg)	1220	175	203	165
EW-40.5	MOISTURE	(%)	7.37	7.91	7.71	10.47

RECEIVED
AUG 24 1994

Comments:

Laboratory Contact For Above Report

Name : Debbie Collins
Title: Head, Water Quality Section

Reviewed and Approved

James B. Cox, III
Manager, Environmental Dept.

SUBMISSION INFO

Analyst(s): DC No. Containers: 6 Sample Submission: N C-O-C: Y
Samp Admin: Pickup: N Time: Miles: RUSH : N

Southern Testing & Research Laboratories, Inc.

3809 Airport Drive (919) 237-4175 • Fax: (919) 237-9341 Wilson, NC 27896

REPORT OF ANALYSIS

LAB SAMPLE NO.(s): 8989C5-6 of: 6 Date Received: 94/07/22

Sample(s) of : SOIL Date Reported: 94/08/23

NAM : CHARLIE HARRISON
ORG : UTTS, INC. Telephone : 919-758-0001
ADD : P.O. BOX 8148
CSZ : GREENVILLE, NC 27835 PO/Job No. : 22684

Marked A: HOUSTON MOORE 3B B: HOUSTON MOORE 3C

C: D:

CAT. NO.	ANALYSES	UNITS	Lab Sample No.=> A: 8989C5	B: 8989C6	C:	D:
EW-32.1	OIL AND GREASE	(mg/kg)	193	50		
EW-40.5	MOISTURE	(%)	6.52	11.32		

RECEIVED
AUG 24 1994

Comments:

Laboratory Contact For Above Report

Name : Debbie Collins
Title: Head, Water Quality Section

Reviewed and Approved

: James B. Cox, III
: Manager, Environmental Dept.

SUBMISSION INFO

Analyst(s): DC No. Containers: 6 Sample Submission: N C-O-C: Y
Samp Admin: Pickup: N Time: Miles: RUSH : N

SOUTHERN TESTING & RESEARCH LABORATORIES, INC.
3709 Airport Drive • Wilson, NC 27896
919-237-4175 • Fax: 919-237-9341

CHAIN OF CUSTODY & ANALYSIS REQUEST

PAGE _____ of _____

LAB USE

LOGGED IN BY (INITIAL): ME	SAMPLE #: 8989C1-6
DATE: 7-22-94	TIME:
REC'D ON ICE? ☑ YES ☐ NO Temp: Cold	ACCOUNT #:
SAMPLING CHARGES: Time / Mileage / Other	TRANSPORT: Client

(1) ORIGINAL REPORT TO: (Company and Individual)
UTTS/E
(Address)
P.O. Box 8148 Greenville, N.C. 27835

(2) CONTACT PERSON (Report): Charlie Harrison

(3) PHONE #/FAX # (Report): 919-758-9652

(4) ADDITIONAL ADDRESS (Invoice or Report):

(5) CONTACT PERSON/PHONE # (Add'n): 919-758-0001

(6) **Requested Turnaround Time:**
☑ Normal (2 weeks)
☐ Rush (1 week)*
☐ Emergency Rush (ASAP)*

(7) PROJECT NAME: Houston Moore

(8) PROJECT# / PO #: 22684

(9) QUOTE #:

Sample Container Info / **Analyses Requested** (Please Use Catalog #'s)

(10) Item #	Start Date / Time	(11) End Date / Time	Comp Grab (12)	Sample Type (13)	Description (14) Sample Marks	Container Type (15)	Size (Vol./Wt.) (16)	# of Containers (17)	Preservation (18)	9071	(19)A EW 40.5							Comments
2A	7-21-94 12:10	7-21-94 12:15	✓	Soil	Houston Moore 2A (1)	Glass		1	No	✓	✓							
2B	7-21-94 12:20	7-21-94 12:25	✓	Soil	Houston Moore 2B (2)	Glass		1	No	✓	✓							
2C	7-21-94 12:30	7-21-94 12:35	✓	Soil	Houston Moore 2C (3)	Glass		1	No	✓	✓							
3A	7-21-94 4:55	7-21-94 5:00	✓	Soil	Houston Moore 3A (4)	Glass		1	No	✓	✓							
3B	7-21-94 5:05	7-21-94 5:10	✓	Soil	Houston Moore 3B (5)	Glass		1	No	✓	✓							
3C	7-21-94 5:15	7-21-94 5:20	✓	Soil	Houston Moore 3C (6)	Glass		1	No	✓	✓							

TRANSFER #	(20) RELINQUISHED BY	DATE / TIME	(21) RECEIVED BY	DATE / TIME
1	[signature]	7-22-8:15	Mary English	7-22-94 8:15
2				
3				

(22) SAMPLER SIGNATURE: [signature]

(23) COMMENTS: I called + spoke with Brian Gray about adding 070 moisture. ME 7-22-94

Southern Testing & Research Laboratories, Inc.

3809 Airport Drive (919) 237-4175 • Fax: (919) 237-9341 Wilson, NC 27896

REPORT OF ANALYSIS

LAB SAMPLE NO.(s): 8988C1-2 of: 2 Date Received: 94/07/22

Sample(s) of : SOIL Date Reported: 94/08/05

NAM : CHARLIE HARRISON
ORG : UTTS, INC. Telephone : 919-758-0001
ADD : P.O. BOX 8148
CSZ : GREENVILLE, NC 27835 PO/Job No. : 22683

Marked A: HOUSTON MOORE 1A B: HOUSTON MOORE 1B

C: D:

CAT. NO.	ANALYSES	UNITS	Lab Sample No.=> A: 8988C1	B: 8988C2	C:	D:
EW-32.1	OIL AND GREASE(9071)	(mg/kg)	312	205		
EW-40.5	MOISTURE	(%)	7.78	6.74		

RECEIVED AUG 08 1994

Comments: ALL SAMPLES ARE REPORTED ON A DRY-WEIGHT BASIS.

Laboratory Contact For Above Report

Name : Debbie Collins
Title: Head, Water Quality Section

Reviewed and Approved

: James B. Cox, III
: Manager, Environmental Dept.

SUBMISSION INFO

Analyst(s): DC No. Containers: 2 Sample Submission: N C-O-C: Y
Samp Admin: Pickup: N Time: Miles: RUSH : N

SOUTHERN TESTING & RESEARCH LABORATORIES, INC.
3709 Airport Drive • Wilson, NC 27896
919-237-4175 • Fax: 919-237-9341

CHAIN OF CUSTODY & ANALYSIS REQUEST

PAGE _____ of _____

LAB USE

LOGGED IN BY (INITIAL): ME	SAMPLE #: 8988C1-2
DATE: 7-22-94	TIME:
REC'D ON ICE? ☑ YES ☐ NO Temp: Cold	ACCOUNT #:
SAMPLING CHARGES: Time / Mileage / Other	TRANSPORT: Client

(1) ORIGINAL REPORT TO: (Company and Individual)
UTIS/E
(Address)
P.O. Box 8148 Greenville, N.C. 27835

(2) CONTACT PERSON (Report): Charlie Harrison

(3) PHONE #/FAX # (Report): 919-758-9652

(4) ADDITIONAL ADDRESS (Invoice or Report):

(5) CONTACT PERSON/PHONE # (Add'n): 919-758-0001

(6) **Requested Turnaround Time:**
- ☑ Normal (2 weeks)
- ☐ Rush (1 week)*
- ☐ Emergency Rush (ASAP)*

(7) PROJECT NAME: Houston Moore

(8) PROJECT# / PO #: 22683

(9) QUOTE #:

Sample Container Info / **Analyses Requested** (Please Use Catalog #'s)

(10) Item #	Start Date / Time	(11) End Date / Time	Comp Grab (12)	Sample Type (13)	Description (14) Sample Marks	Container Type (15)	Size (Vol./Wt.) (16)	# of Containers (17)	Preservation (18)	9071	(19)A EW-465							Comments
1A	7-20-94 10:30	7-20-94 10:35	✓	Soil	Houston Moore 1A (1)	Glass		1	No	✓	✓							
1B	7-20-94 10:45	7-20-94 10:50	✓	Soil	Houston Moore 1B (2)	Glass		1	No	✓	✓							

TRANSFER #	(20) RELINQUISHED BY	DATE / TIME	(21) RECEIVED BY	DATE / TIME
1	[signature]	7-22-8:15	Margo English	7-22-94 8:15
2				
3				

(22) SAMPLER SIGNATURE: [signature]

(23) COMMENTS: I called & spoke with Brian Gray about adding To mobilize. ME 7-22-94

APPENDIX E

TANK DISPOSAL MANIFEST

P & W OIL COMPANY, INC.
P.O. BOX 656
LELAND, NORTH CAROLINA 28451
(919) 371-5792 OR 1-800-231-4825

UTTS ENVIRONMENTAL
P.O. BOX 8148
GREENVILLE, N.C. 27835
ATTN: BOB CATO

8/9/94

P & W OIL CO. HAS PROPERLY CLEANED AND DISPOSED OF THE FOLLOWING TANKS LISTED BELOW:

HOUSTON MOORE
2-8000 GALLON TANKS
1-10000 GALLON TANK
NESBITT COURTS
2-8000 GALLON TANKS
1-10000 GALLON TANK
TAYLOR HOMES
2-8000 TANKS
1-10000 GALLON TANKS

MARK GREENLEAF
OPERATIONS MGR.

APPENDIX F

SITE SENSITIVITY EVALUATION

Site Sensitivity Evaluation (SSE)

Site Characteristics Evaluation (Step 1)

Characteristic	Condition	Rating	
Grain Size*	Gravel Sand Silt Clay	150 100 50 0	100
Are relict structures, sedimentary structures, and/or textures present in the zone of contamination and underlying "soils"?	Present and intersecting the water table. Present but not intersecting the water table. None present.	10 5 0	10
Distance from location of deepest contaminated soil** to water table.	0 -5 feet (C, D & E sites only) 5 - 10 feet >10 - 40 feet > 40 feet	20 20 10 0	20
Is the top of bedrock or transmissive indurated sediments located above the water table?	Yes No	20 0	0
Artificial conduits present within the zone of contamination.	Present and intersecting the water table. Present but not intersecting the water table. Not present.	10 5 0	5

Total Site Characteristics Score: 135

* **Predominant** grain size based on Unified Soil Classification System or U.S. Dept. of Agriculture's Soil Classification Method.

** (>10 ppm TPFH by Method 5030; >40 ppm TPFH by Method 3550; >250 ppm O&G by Method 9071)

3/10/93

Site Sensitivity Evaluation (SSE)

Initial Cleanup Level (Step 2) — Final Cleanup Level (Step 3)

EPA Method 5030 for Low Boiling Point Hydrocarbons such as Gasoline, Aviation Fuels, Gasohol

Total Site Characteristics Score	**Initial** Cleanup Level TPFH (ppm)
>150	≤10
121-150	20
91-120	40
61-90	60
31-60	80
0-30	100

Select Site Category* →

Final Cleanup Level

Category A & B (Multiply initial cleanup level by 1)	1 x ____ =	____ ppm
Category C & D (Multiply initial cleanup level by 2)	2 x ____ =	____ ppm
Category E (Multiply initial cleanup level by 3)	3 x ____ =	____ ppm

EPA Method 3550 for High Boiling Point Hydrocarbons such as Kerosene, Diesel, Varsol, Mineral Spirits, Naphtha

Total Site Characteristics Score	**Initial** Cleanup Level TPFH (ppm)
>150	≤40
121-150	80
91-120	160
61-90	240
31-60	320
0-30	400

Select Site Category* →

Final Cleanup Level

Category A & B (Multiply initial cleanup level by 1)	1 x ____ =	____ ppm
Category C & D (Multiply initial cleanup level by 2)	2 x ____ =	____ ppm
Category E (Multiply initial cleanup level by 3)	3 x ____ =	____ ppm

EPA Method 9071 for Heavy Fuels - Oil & Grease (O&G) such as Fuel Oil #4, #5, #6, Motor Oil, Hydraulic Fluid

Total Site Characteristics Score	**Initial** Cleanup Level O&G (ppm)
>150	≤250
121-150	400
91-120	550
61-90	700
31-60	850
0-30	1000

Select Site Category* →

Final Cleanup Level

Category A & B (Multiply initial cleanup level by 1)	1 x ____ =	____ ppm
Category C & D (Multiply initial cleanup level by 2)	2 x ____ =	____ ppm
Category E (Multiply initial cleanup level by 3)	3 x 400 =	1200 ppm

* See Site Category Descriptions, Table 3

3/10/93

TABLE 3

SSE SITE CATEGORY DESCRIPTIONS

CATEGORY A (*Site meets any one of the criteria*)

1. Water supply well(s) contaminated and not served by accessible public water supply.
2. Vapors present in confined areas at explosive or health concern levels.
3. Treated surface water supply in violation of the safe drinking water standards.

CATEGORY B (*Site meets any one of the criteria*)

1. Water supply well(s) contaminated, but served by accessible public water supply.
2. Water supply well(s) within 1500 feet of site, but not contaminated and not served by accessible public water supply.
3. Vapors present in confined areas but not at explosive or health concern levels.

CATEGORY C (*Site meets both of the criteria*)

1. No known water supply well(s) contaminated.
2. Water supply well(s) greater than 1500 feet from site but not served by accessible public water supply.

CATEGORY D (*Site meets both of the criteria*)

1. No known water supply well(s) contaminated.
2. Water supply well(s) within 1500 feet of site but served by accessible public water supply.

CATEGORY E (*Site meets both of the criteria*)

1. No known water supply well(s) contaminated or within 1500 feet of site.
2. Area served by accessible public water supply.

3/10/93

October 22, 1998

Mr. Bruce Reed
New Hanover County Department of Environmental Health
127 Cardinal Drive Extension
Wilmington, North Carolina 28405

REC'D OCT 30 1998

RE: Soil Cleanup Report and Request for Site Closure, 1507 Greenfield Street
Wilmington, North Carolina
GLC # 29160, Incident # 7285

Dear Mr. Reed:

On behalf of BellSouth Telecommunications, Inc., QST Engineering, P.C. is pleased to submit the soil cleanup report and request for site closure for the former Southern Bell facility located at 1507 Greenfield Street in Wilmington, North Carolina. This report includes a summary of the history of the site, nature and extent of the release, remediation activities, and conclusions.

Thank you for your assistance regarding this remedial action project and attention in site closure. If you have any questions regarding this report, please call me at 704-527-7880.

Sincerely,

QST Engineering, P.C.

G. Douglas Leonard, P.E.
Project Manager

pc: Steven Luter, BellSouth

Project File No. 2598475-0100

Soil Cleanup Report and Closure Request

BellSouth Telecommunications
1507 Greenfield Street
Incident No. 7285
GLC # 29160

Risk Classification-Low priority "E" Rank
Wilmington, North Carolina
Project File No. 2598475
October 22, 1998

Prepared for:

BellSouth Telecommunications
1655 Russet Crest Lane
Hoover, Alabama 35244
Attention: Steve Luter

Current Property Owner:

BellSouth Telecommunications

Prepared by:

QST Engineering P.C.
9741-F Southern Pine Blvd.
Charlotte, North Carolina 28273
(704) 527-7880

QST ENGINEERING, P.C.

Formerly ESE Engineering, P.C.

The information contained within this Soil Cleanup Report for BellSouth Telecommunications herein has been reviewed and interpreted as being accurate to the best of my knowledge. I further attest to the best of my knowledge that the information has been prepared in accordance with industry standards and with the applicable regulations.

10-22-98
Date

A. Douglas Leonard
G. Douglas Leonard, P.E. 10-22-98

TABLE OF CONTENTS

Section		Page
1.0	**Introduction and Site History**	1
2.0	**Evaluation of Remediation Alternatives**	2
3.0	**Remedial System Monitoring and Efficiency**	3
4.0	**Post Remediation Sampling and Analytical Results**	4
5.0	**Conclusions and Recommendations**	5
6.0	**References**	5

Table

Table 1. Historical Groundwater Sampling for Monitor Wells

Figures

Figure 1. Topographical Site Location Map
Figure 2. Site Map

1.0 Introduction and Site History

The site is a service operations center for BellSouth vehicle routing and dispatching located at 1507 Greenfield Street in Wilmington, North Carolina. This location is at the corner of Greenfield Street and 16th Street. A site location map is provided as Figure 1. During the preparation of the Corrective Action Plan (CAP), no water wells were identified within a 1,000 foot radius of the site (GTI.1993). Underground utilities were found near the site including a sanitary sewer, storm drain lines, a water main, and telephone cable. A small creek which empties into Greenfield Lake was also found approximately 0.25 miles south-southeast of the site. The site is located in the Coastal Plain Physiographic Province of North Carolina. The hydrogeology of the site consists of sands and marls with some sandy, clayey, discontinuous lenses (Brown.1985).

A 12,000 gallon gasoline underground storage tank (UST) was removed from the site on December 30, 1991. Soil samples from the side-walls of the excavation did not indicate the presence of gasoline or diesel range (GRO or DRO, respectively) hydrocarbons, but a groundwater sample from the bottom of the excavation indicated the presence of benzene, toluene, ethylbenzene, and xylene. Following the receipt of the Underground Storage Tank Report (GTI. 1992), the North Carolina Department of Environment, and Natural Resources (NCDENR) issued a Notice of Regulatory Requirements (NORR). During the subsequent environmental assessment phase, a total of eight monitor wells were installed. Results of the soil samples from the well borings indicated that GRO and DRO were not present in soils above the standards. The standard for Benzene in groundwater was initially exceeded in only one of the monitor wells and later in two vapor recovery wells.

The initial CAP proposed a soil vapor extraction system to address the groundwater impacts. The proposed system included a vapor extraction well, vacuum blower module, electrical components, and a fence enclosure. Following review of the CAP, the NCDENR suggested adding a tool to increase the amount of dissolved oxygen in groundwater to be used in conjunction with the soil vapor extraction system. To increase the amount of dissolved oxygen in groundwater and enhance natural biodegradation of the contaminants, GTI installed an air sparge system which became operational in March 1995. The air sparge system consisted of four sparge wells, one vapor extraction well, and an air compressor.

Within several months, the system had effectively addressed the impacted groundwater. A historical summary of groundwater monitoring data is presented in Table 1. This site was assigned a low priority "E" ranking by the North Carolina Department of Environment, and Natural Resources (NC DENR) in June 1996. This ranking allowed temporary suspension of site remediation activities pending the development of risk assessment regulations (released in January 1998). Gross contaminant levels for groundwater are not exceeded at this site.

2.0 Evaluation of Remediation Alternatives

Upon weighing the positive and negative aspects of available remedial technologies, it was determined that soil vapor extraction combined with an air sparge system was the best and most cost effective remediation option for this site. Groundwater extraction was not a primary remedial option because there was no evidence of hydrocarbon migration to surrounding wells.

To evaluate the effectiveness of the remedial technologies chosen for this site (soil vapor extraction and air sparging), GTI performed pilot testing. The largest amount of subsurface impact appeared to be in the location of the former 12,000 gallon UST, so this area was chosen for pilot testing. The estimated radius of influence relative to size of impacted areas and shallow depth to groundwater, allowed GTI to recommend installation of horizontal vapor extraction lines used in conjunction with vertical extraction to provide a more effective screen area to shallow soils. Since depth to water ranged from a low of approximately 9 feet to a high of approximately 4 feet, air flow was directed to the vertical wells during low water table elevations and towards the horizontal trench during high water level elevations.

The required permitting including registration with regional air quality division with projected discharge emissions, permit to construct and operate a system, zoning and building permits were all obtained. The approximate costs of site investigation and remediation to date is approximately $ 120,884.00.

3.0 Remedial System Monitoring and Efficiency

Monthly site checks of the remedial system were conducted from March 1995 through August 1995 to collect operational data such as flow rates, blower pressures, well gauging and to perform equipment maintenance. Samples of the soil vapor extraction air effluent were collected quarterly. Groundwater samples were collected from on-site monitor wells and soil vapor extraction wells during the months of June, August, and September, 1995. The system was 99% operational by June 30, 1995. The soil vapor extraction system was turned off on August 11, 1995, due to diminished hydrocarbon concentrations in the groundwater monitoring wells. After turning off the system, a monitoring schedule was proposed to work toward closure of the site.

4.0 Post Remediation Groundwater Sampling

The last site monitoring report was prepared by QST Engineering (formerly ESE Engineering) on May 3, 1996. The data collected in this report was collected by GTI. This sampling event took place on March 21,1996 in which ten of the monitor wells were sampled. The samples were analyzed for BTEX, MTBE, IPE, and 1,2 dibromoethane. The analytical results indicated all hydrocarbon constituent concentrations were below the 2L groundwater standards with the exception of benzene in MW-1.

5.0 Conclusions and Recommendations

The historical groundwater monitoring data indicate that the short-term operation of the soil vapor extraction/air sparging system combined with natural attenuation mechanisms, have reduced the contaminant concentrations at this site to below the gross contaminant levels. The contamination assessment results indicated that adsorbed-phase hydrocarbons are not present above the regulatory standard. In a letter dated April 14, 1998, the NCDENR stated that no further groundwater testing is necessary at this site. Therefore, QST Engineering, on behalf of BellSouth Telecommunications, requests a no-further-action for this site.

6.0 References

GTI.1992. Underground Storage Tank Closure Report. Groundwater Technology, January 1992.

GTI.1993. Corrective Action Plan. Groundwater Technology, November, 1993.

Brown.1985. Geologic Map of North Carolina. Natural Resource and Community Development.

Table 1. Summary of Groundwater Sampling Results, April 1992 to March 1996 (2596236)

Monitor Well	Sample Date	Benzene (ppb)	Toluene (ppb)	Ethyl-Benzene (ppb)	Xylenes (ppb)	Total BTEX (ppb)	MTBE (ppb)	IPE (ppb)	EDB (ppb)
MW-1	Apr 92	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Aug 93	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Nov 93	NS	NS	NS	NS	NS	NS	NS	NS
	Feb 94	BDL	BDL	BDL	0.8	0.8	BDL	BDL	BDL
	Nov 94	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Mar 95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	June 95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Aug 95	NS	NS	NS	NS	NS	NS	NS	NS
	Sept 95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Dec 95	BDL	1.3	BDL	BDL	1.3	BDL	BDL	BDL
	Mar 96	2.4	10	3.2	26	41.6	BDL	BDL	BDL
MW-2	Apr 92	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Aug 93	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Nov 93	NS	NS	NS	NS	NS	NS	NS	NS
	Feb 94	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Mar 95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	June 95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Aug 95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Sept 95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Dec 95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Mar 96	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
MW-3	Apr 92	27	0.4	1	2	30.4	9	BDL	BDL
	Aug 93	2	BDL	0.4	BDL	2.4	BDL	BDL	BDL
	Nov 93	NS	NS	NS	NS	NS	NS	NS	NS
	Feb 94	0.9	BDL	BDL	BDL	0.9	BDL	BDL	BDL
	Mar 95	1.2	BDL	BDL	BDL	1.2	BDL	BDL	BDL
	June 95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Aug 95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Sept 95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Dec 95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Mar 96	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
MW-4	Apr 92	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Aug 93	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Nov 93	NS	NS	NS	NS	NS	NS	NS	NS
	Feb 94	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Mar 95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	June 95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Aug 95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Sept 95	1.4	BDL	BDL	BDL	1.4	BDL	BDL	BDL
	Dec 95	BDL	1.2	BDL	BDL	1.2	BDL	BDL	BDL
	Mar 96	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
MW-5	Aug 93	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Nov 93	NS	NS	NS	NS	NS	NS	NS	NS
	Feb 94	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Mar 95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	June 95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Aug 95	NS	NS	NS	NS	NS	NS	NS	NS
	Sept 95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Dec 95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Mar 96	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NCAC 2L Standard		**1**	**1000**	**29**	**530**		**200**	**70**	**0.0004**

Notes:
BDL = below detection limit
ppb = parts per billion
NS = not sampled
EDB= 1, 2-dibromomethane

Table 1. Summary of Groundwater Sampling Results, April 1992 to March 1996 (2596236)

Monitor Well	Sample Date	Benzene (ppb)	Toluene (ppb)	Ethyl-Benzene (ppb)	Xylenes (ppb)	Total BTEX (ppb)	MTBE (ppb)	IPE (ppb)	EDB (ppb)
MW-6	Aug 93	BDL	BDL	BDL	0.8	0.8	BDL	BDL	BDL
	Nov 93	NS	NS	NS	NS	NS	NS	NS	NS
	Feb 94	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Nov 94	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Mar 95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	June 95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Aug 95	NS	NS	NS	NS	NS	NS	NS	NS
	Sept 95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Dec 95	BDL	1.6	BDL	BDL	1.6	BDL	BDL	BDL
	Mar 96	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
MW-7	Nov 93	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Feb 94	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Mar 95	BDL	BDL	9	BDL	9	BDL	BDL	BDL
	June 95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Aug 95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Sept 95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Dec 95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Mar 96	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
VMW-8	Nov 93	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Feb 94	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Mar 95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	June 95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Aug 95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Sept 95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Dec 95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Mar 96	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
SV-1	Aug 93	2	BDL	BDL	BDL	2	BDL	BDL	BDL
	Feb 94	1	BDL	BDL	BDL	1	BDL	BDL	BDL
	Nov 94	BDL	BDL	1.6	BDL	1.6	BDL	BDL	BDL
	Mar 95	BDL	BDL	3.9	BDL	3.9	BDL	BDL	BDL
	June 95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Aug 95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Sept 95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Dec 95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Mar 96	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
SV-2	Aug 93	230	0.7	BDL	7	237.7	25	BDL	BDL
	Feb 94	230	BDL	BDL	BDL	230	BDL	BDL	BDL
	Nov 94	150	BDL	BDL	11	161	BDL	BDL	BDL
	Mar 95	53	BDL	BDL	3.6	56.6	BDL	BDL	BDL
	June 95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Aug 95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Sept 95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Dec 95	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
	Mar 96	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
NCAC 2L Standard		1	1000	29	530		200	70	0.0004

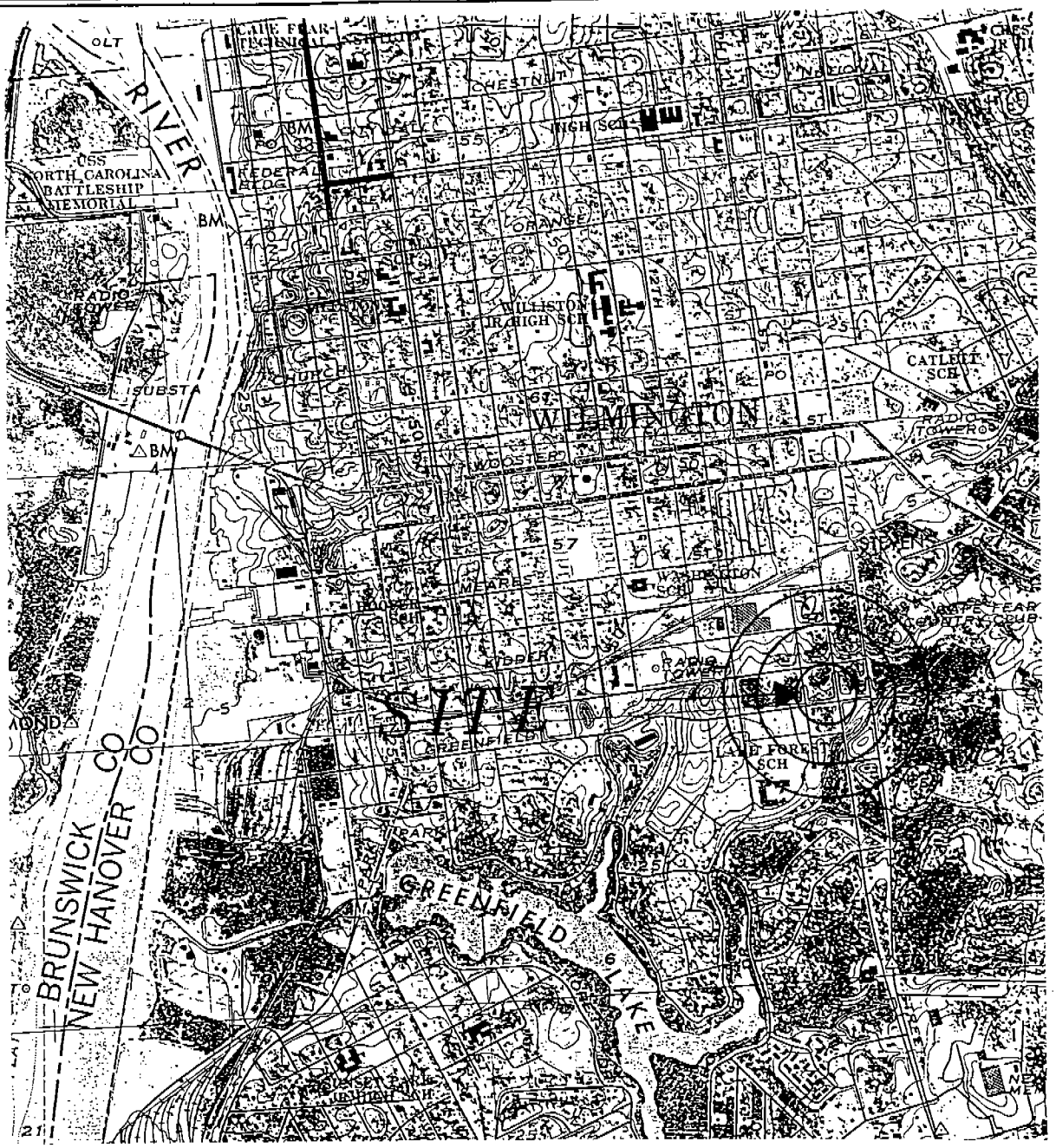
Notes:

BDL = below detection limit

ppb = parts per billion

NS = not sampled

EDB= 1, 2-dibromomethane



SCALE 1:24 000

1 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

MN GN

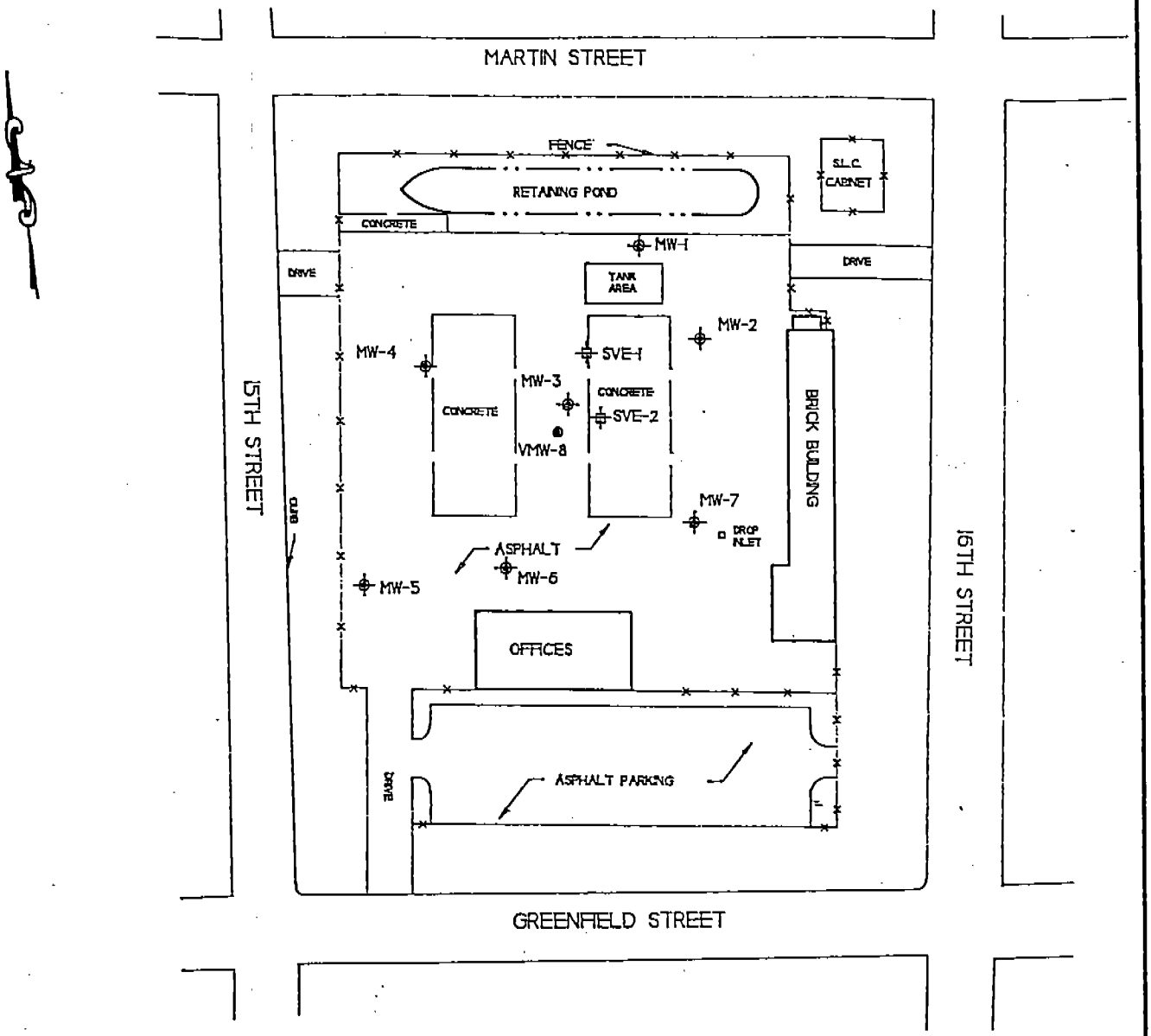
5½° 98 MILS 1°39' 29 MILS



QUADRANGLE LOCATION

FIGURE 1
SITE LOCATION MAP
BELLSOUTH TELECOMMUNICATIONS
1507 GREENFIELD STREET, WILMINGTON,NC
2598475-6.171
SOURCE: WILMINGTON,NC, 1970

QST ENGINEERING, P.C.



0 50 100 200

SCALE
(IN FEET)

LEGEND

MW-5	MONITOR WELL
VMW-8	VERTICAL EXTENT WELL
SVE-1	SVE/MONITOR WELL

MAP SOURCES:
GROUNDWATER TECHNOLOGY - FEBRUARY 1996

FIGURE 2 - SITE MAP
BELLSOUTH TELECOMMUNICATIONS
1507 GREENFIELD STREET
WILMINGTON, NORTH CAROLINA

DRN BY: GDL	QST ENGINEERING, P.C.	SCALE: AS SHOWN
CK BY:		PROJ NO: 236
PROJ MGR: GDL	9741-F SOUTHERN PINE BLVD.	FILE NO: 236
DATE: 5/2/96	CHARLOTTE, NC 28273	REV NO: 3/96

Appendix IV: Historical Research Documentation

HISTORICAL AERIALS

Project Property: Houston Moore
1601 South 13th Street
Wilmington NC 28401

Project No: 49-20026

Requested By: ECS Limited Southeast

Order No: 23040400869

Date Completed: April 06,2023

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Environmental Risk Information Services
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1.866.517.5204 | info@erisinfo.com | erisinfo.com

Date	Source	Scale	Comments
2021	MAXAR TECHNOLOGIES	1" = 500'	
2020	United States Department of Agriculture	1" = 500'	
2018	United States Department of Agriculture	1" = 500'	
2016	United States Department of Agriculture	1" = 500'	
2014	United States Department of Agriculture	1" = 500'	
2012	United States Department of Agriculture	1" = 500'	
2010	United States Department of Agriculture	1" = 500'	
2009	United States Department of Agriculture	1" = 500'	
2008	United States Department of Agriculture	1" = 500'	
2006	United States Department of Agriculture	1" = 500'	
2004	United States Department of Agriculture	1" = 500'	
1998	United States Geological Survey	1" = 500'	
1993	United States Geological Survey	1" = 500'	
1983	United States Geological Survey	1" = 500'	
1975	United States Geological Survey	1" = 500'	Best Copy Available
1966	Agricultural Stabilization & Conserv. Service	1" = 500'	
1956	Agricultural Stabilization & Conserv. Service	1" = 500'	
1949	Agricultural Stabilization & Conserv. Service	1" = 500'	
1938	Agricultural Stabilization & Conserv. Service	1" = 500'	



Year: 2021
Source: MAXAR
Scale: 1" = 500'
Comment:

Address: 1601 South 13th Street, Wilmington, NC
Approx Center: -77.92911092,34.21701664

Order No: 23040400869

ERIS



Year: 2020
Source: USDA
Scale: 1" = 500'
Comment:

Address: 1601 South 13th Street, Wilmington, NC
Approx Center: -77.92911092,34.21701664

Order No: 23040400869

ERIS

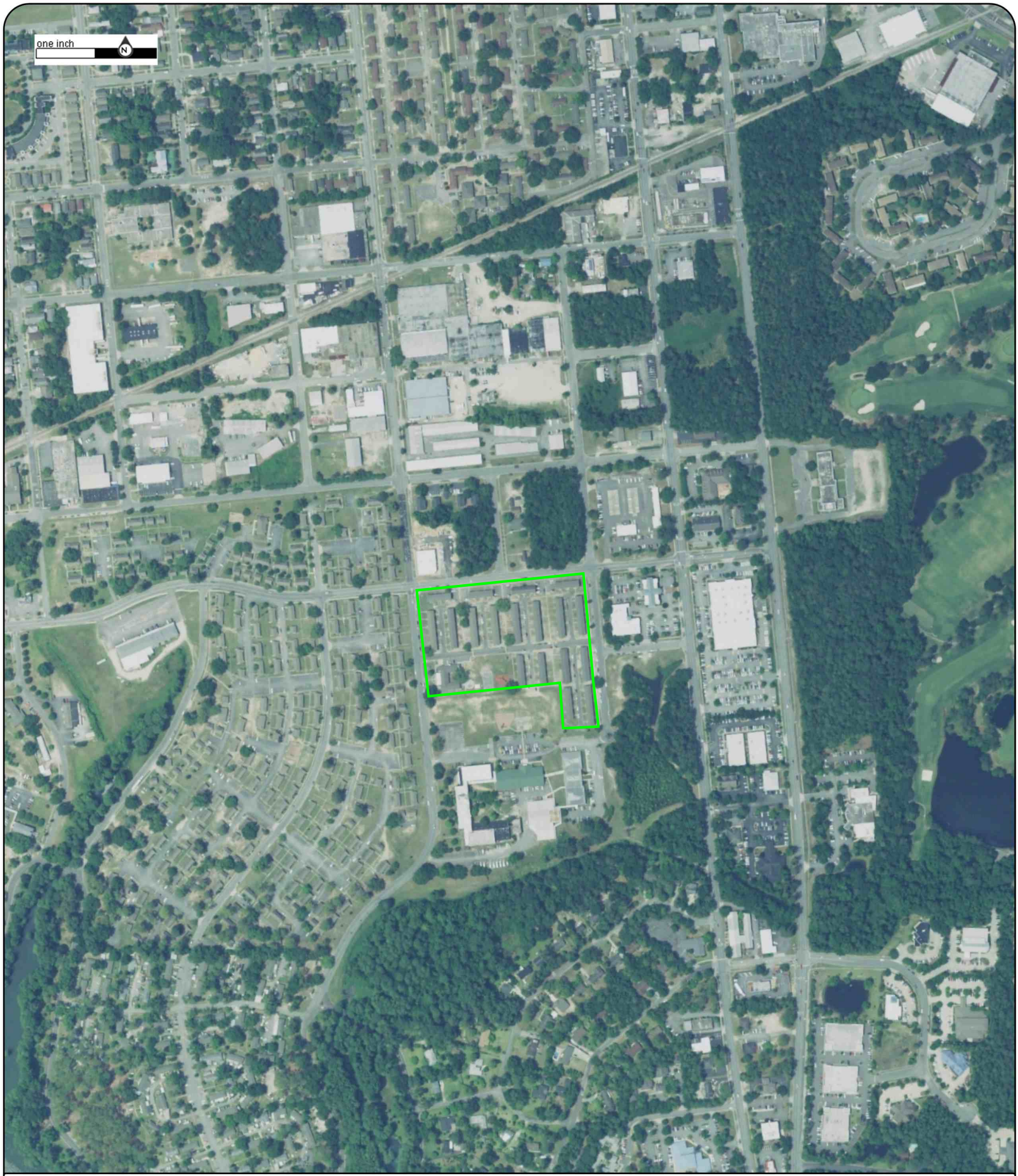


Year: 2018
Source: USDA
Scale: 1" = 500'
Comment:

Address: 1601 South 13th Street, Wilmington, NC
Approx Center: -77.92911092,34.21701664

Order No: 23040400869

ERIS



Year: 2016
Source: USDA
Scale: 1" = 500'
Comment:

Address: 1601 South 13th Street, Wilmington, NC
Approx Center: -77.92911092,34.21701664

Order No: 23040400869

ERIS

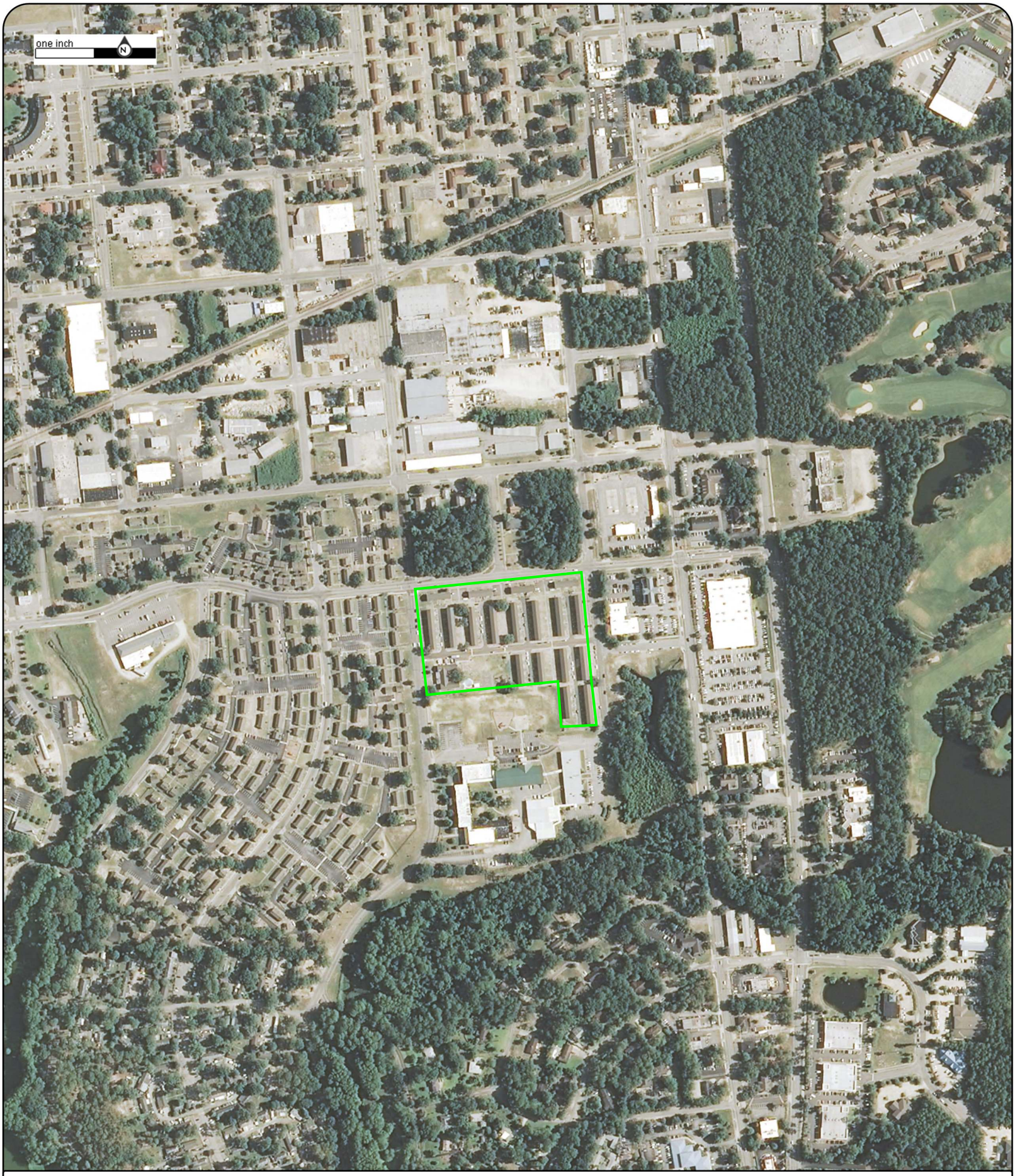


Year: 2014
Source: USDA
Scale: 1" = 500'
Comment:

Address: 1601 South 13th Street, Wilmington, NC
Approx Center: -77.92911092,34.21701664

Order No: 23040400869

ERIS



Year: 2012
Source: USDA
Scale: 1" = 500'
Comment:

Address: 1601 South 13th Street, Wilmington, NC
Approx Center: -77.92911092,34.21701664

Order No: 23040400869

ERIS



Year: 2010
Source: USDA
Scale: 1" = 500'
Comment:

Address: 1601 South 13th Street, Wilmington, NC
Approx Center: -77.92911092,34.21701664

Order No: 23040400869

ERIS



Year: 2009
Source: USDA
Scale: 1" = 500'
Comment:

Address: 1601 South 13th Street, Wilmington, NC
Approx Center: -77.92911092,34.21701664

Order No: 23040400869

ERIS



Year: 2008
Source: USDA
Scale: 1" = 500'
Comment:

Address: 1601 South 13th Street, Wilmington, NC
Approx Center: -77.92911092,34.21701664

Order No: 23040400869

ERIS



Year: 2006
Source: USDA
Scale: 1" = 500'
Comment:

Address: 1601 South 13th Street, Wilmington, NC
Approx Center: -77.92911092,34.21701664

Order No: 23040400869

ERIS



Year: 2004
Source: USDA
Scale: 1" = 500'
Comment:

Address: 1601 South 13th Street, Wilmington, NC
Approx Center: -77.92911092,34.21701664

Order No: 23040400869

ERIS



Year: 1998
Source: USGS
Scale: 1" = 500'
Comment:

Address: 1601 South 13th Street, Wilmington, NC
Approx Center: -77.92911092,34.21701664

Order No: 23040400869

ERIS

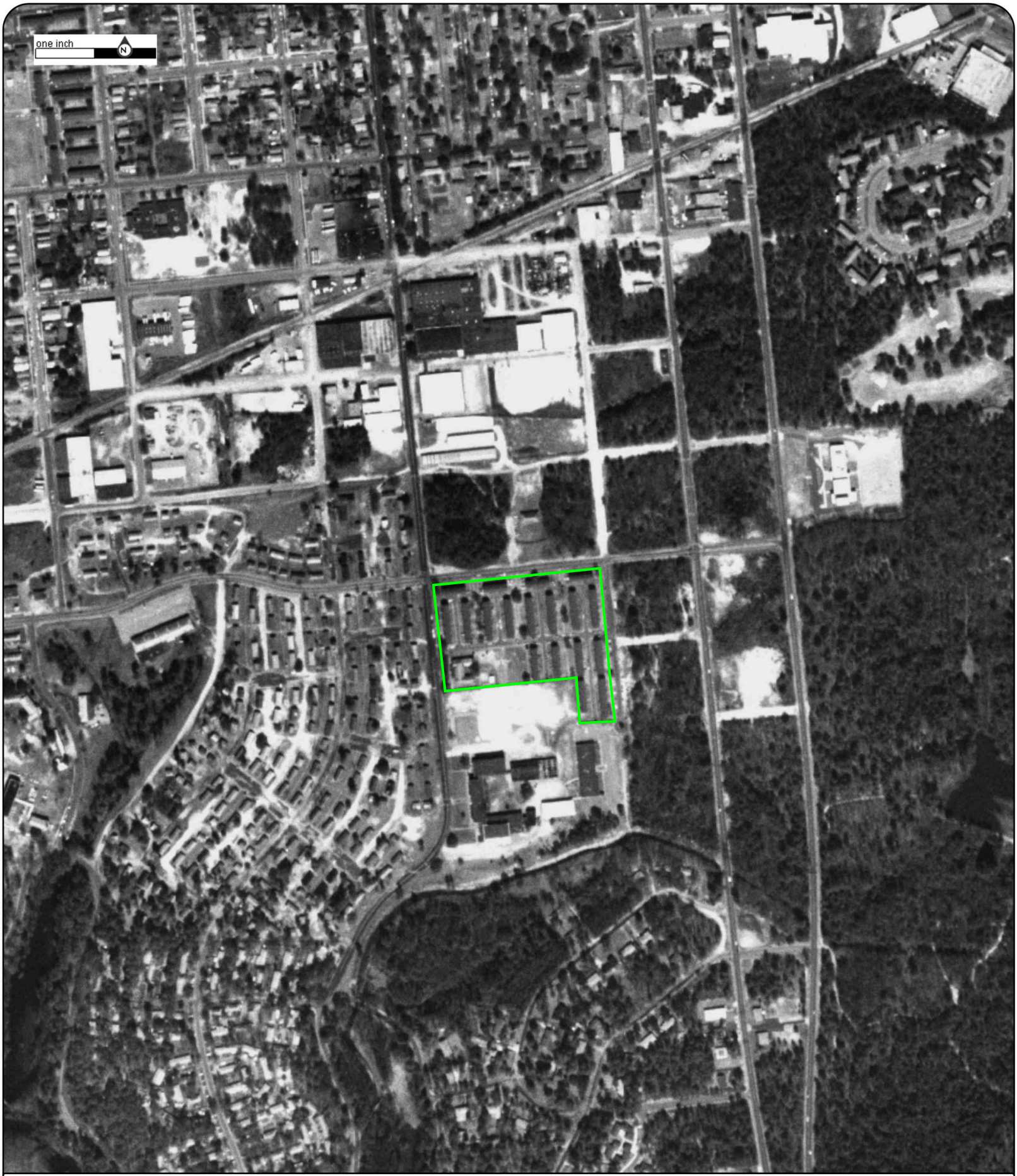


Year: 1993
Source: USGS
Scale: 1" = 500'
Comment:

Address: 1601 South 13th Street, Wilmington, NC
Approx Center: -77.92911092,34.21701664

Order No: 23040400869

ERIS



Year: 1983
Source: USGS
Scale: 1" = 500'
Comment:

Address: 1601 South 13th Street, Wilmington, NC
Approx Center: -77.92911092,34.21701664

Order No: 23040400869

ERIS



Year: 1975
Source: USGS
Scale: 1" = 500'
Comment: Best Copy Available

Address: 1601 South 13th Street, Wilmington, NC
Approx Center: -77.92911092,34.21701664

Order No: 23040400869

ERIS



Year: 1966
Source: ASCS
Scale: 1" = 500'
Comment:

Address: 1601 South 13th Street, Wilmington, NC
Approx Center: -77.92911092,34.21701664

Order No: 23040400869

ERIS



Year: 1956
Source: ASCS
Scale: 1" = 500'
Comment:

Address: 1601 South 13th Street, Wilmington, NC
Approx Center: -77.92911092,34.21701664

Order No: 23040400869

ERIS



Year: 1949
Source: ASCS
Scale: 1" = 500'
Comment:

Address: 1601 South 13th Street, Wilmington, NC
Approx Center: -77.92911092,34.21701664

Order No: 23040400869

ERIS



Year: 1938
Source: ASCS
Scale: 1" = 500'
Comment:

Address: 1601 South 13th Street, Wilmington, NC
Approx Center: -77.92911092,34.21701664

Order No: 23040400869

ERIS

FIRE INSURANCE MAPS

Project Property:	Houston Moore 1601 South 13th Street Wilmington NC 28401
Project No:	49-20026
Requested By:	ECS Limited Southeast
Order No:	23040400869
Date Completed:	April 05, 2023

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Listed below, please find the results of our search for historic fire insurance maps from our in-house collection, performed in conjuction with your ERIS report.

Date	City	State	Volume	Sheet Number(s)
1955	Wilmington	North Carolina	1	42
1951	Wilmington	North Carolina		42

Individual Fire Insurance Maps for the subject property and/or adjacent sites are included with the ERIS environmental database report to be used for research purposes only and cannot be resold for any other commercial uses other than for use in a Phase I environmental assessment.

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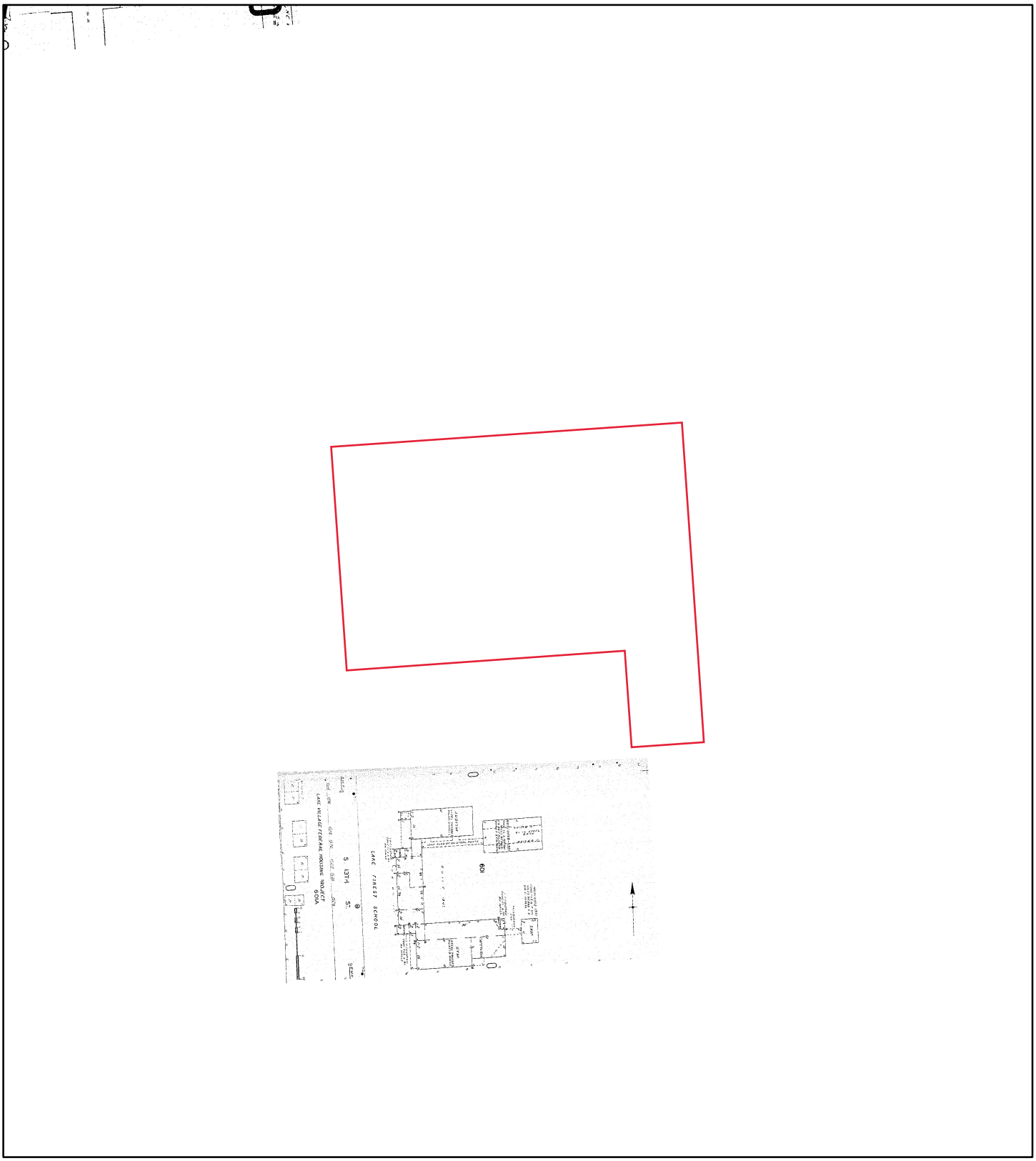
Fire Insurance Map



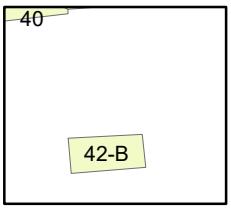
1955

N

0 130 260 520 780 1,040

Feet

Address: 1601 South 13th Street Wilmington NC 28401

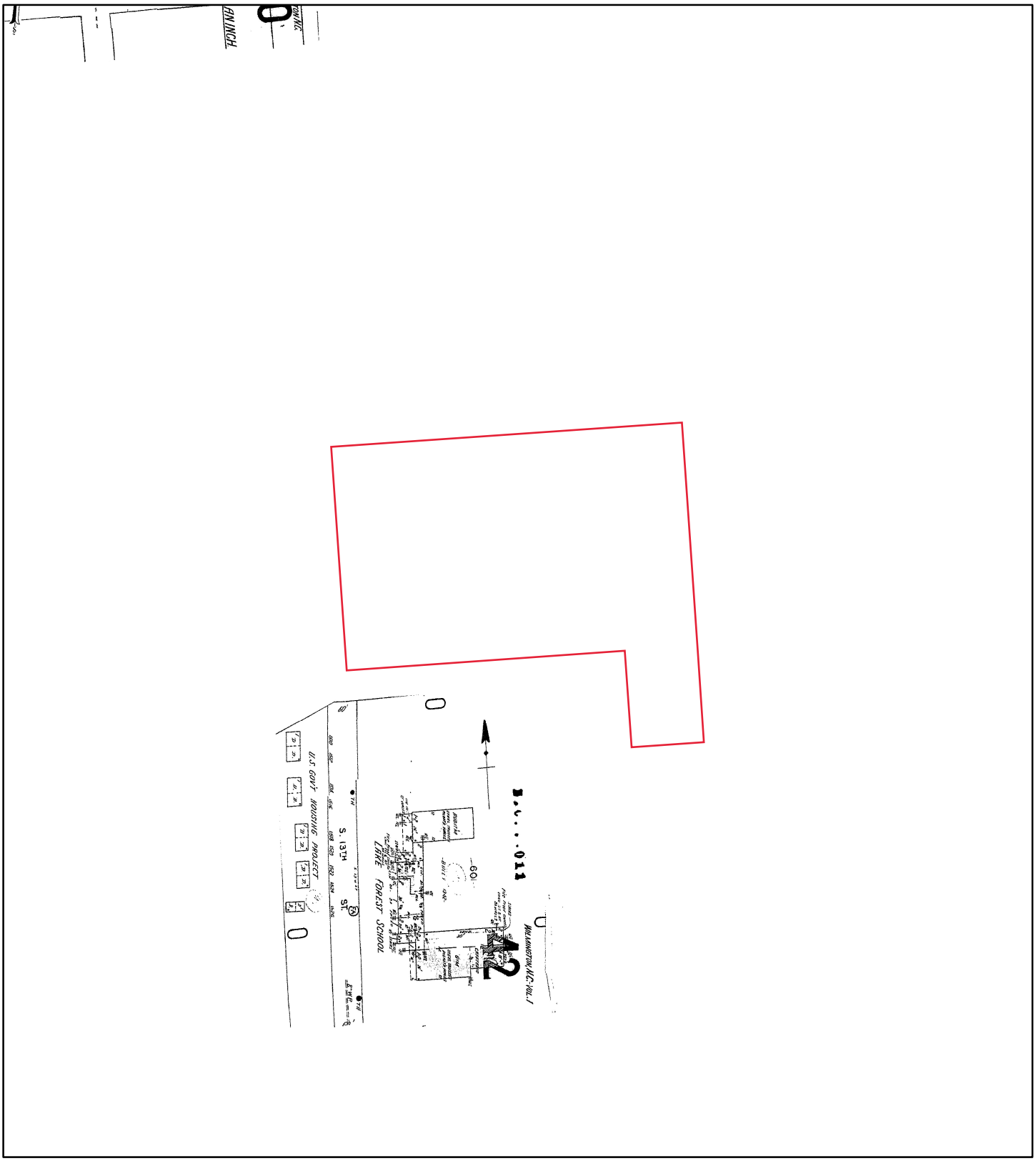


Map sheet(s):
Volume 1: 42;

Order Number 23040400869

ERIS

Fire Insurance Map



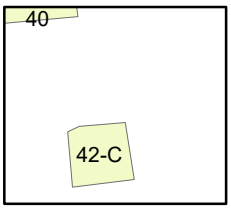
1951

N

0 130 260 520 780 1,040

Feet

Address: 1601 South 13th Street Wilmington NC 28401



Map sheet(s):
Volume NA: 42;

Order Number 23040400869

ERIS

TOPOGRAPHIC MAPS

Project Property:	Houston Moore 1601 South 13th Street Wilmington NC 28401
Project No:	49-20026
Requested By:	ECS Limited Southeast
Order No:	23040400869
Date Completed:	April 05, 2023

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We have searched USGS collections of current topographic maps and historical topographic maps for the project property. Below is a list of maps found for the project property and adjacent area. Maps are from 7.5 and 15 minute topographic map series, if available.

Year	Map Series
2019	7.5
2016	7.5
2013	7.5
1993	7.5
1980	7.5
1979	7.5
1970	7.5
1948	15
1942	15

Topographic Map Symbology for the maps may be available in the following documents:

Pre-1947

Page 223 of 1918 Topographic Instructions

Page 130 of 1928 Topographic Instructions

1947-2009

Topographic Map Symbols

2009-present

US Topo Map Symbols

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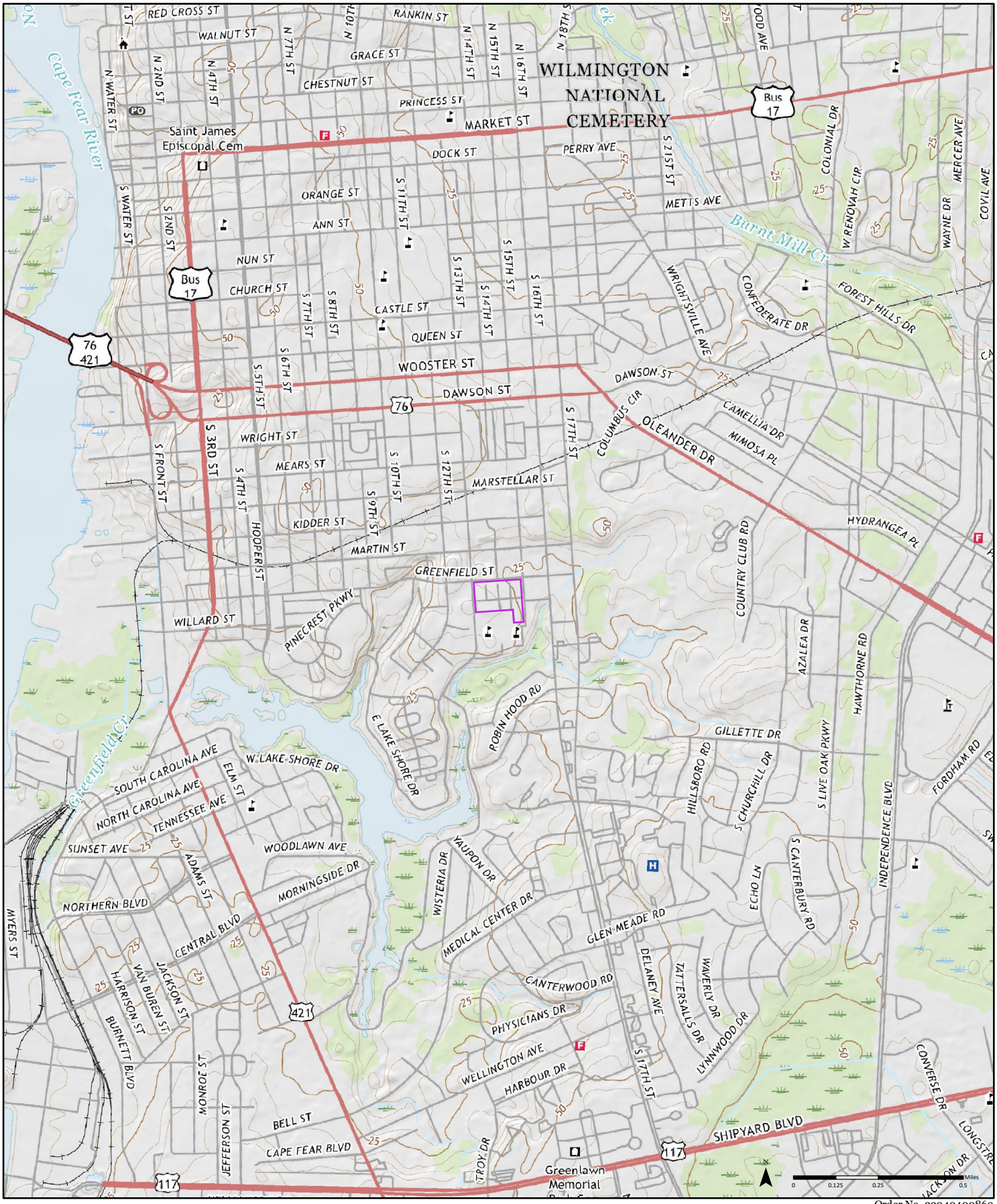


Order No. 23040400869

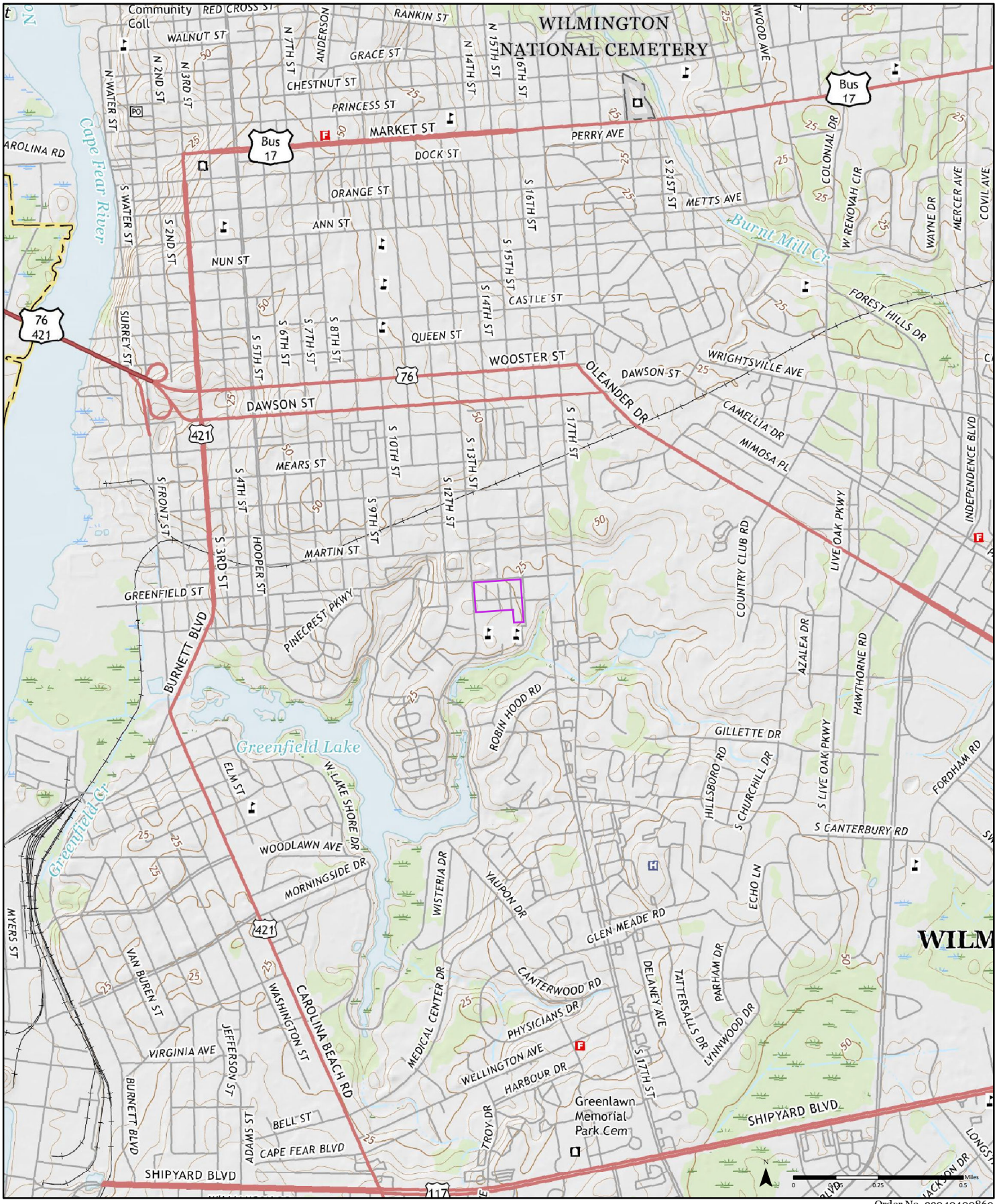
2019

Available Quadrangle(s): Wilmington, NC



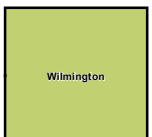
Source: USGS 7.5 Minute Topographic Map

ERIS



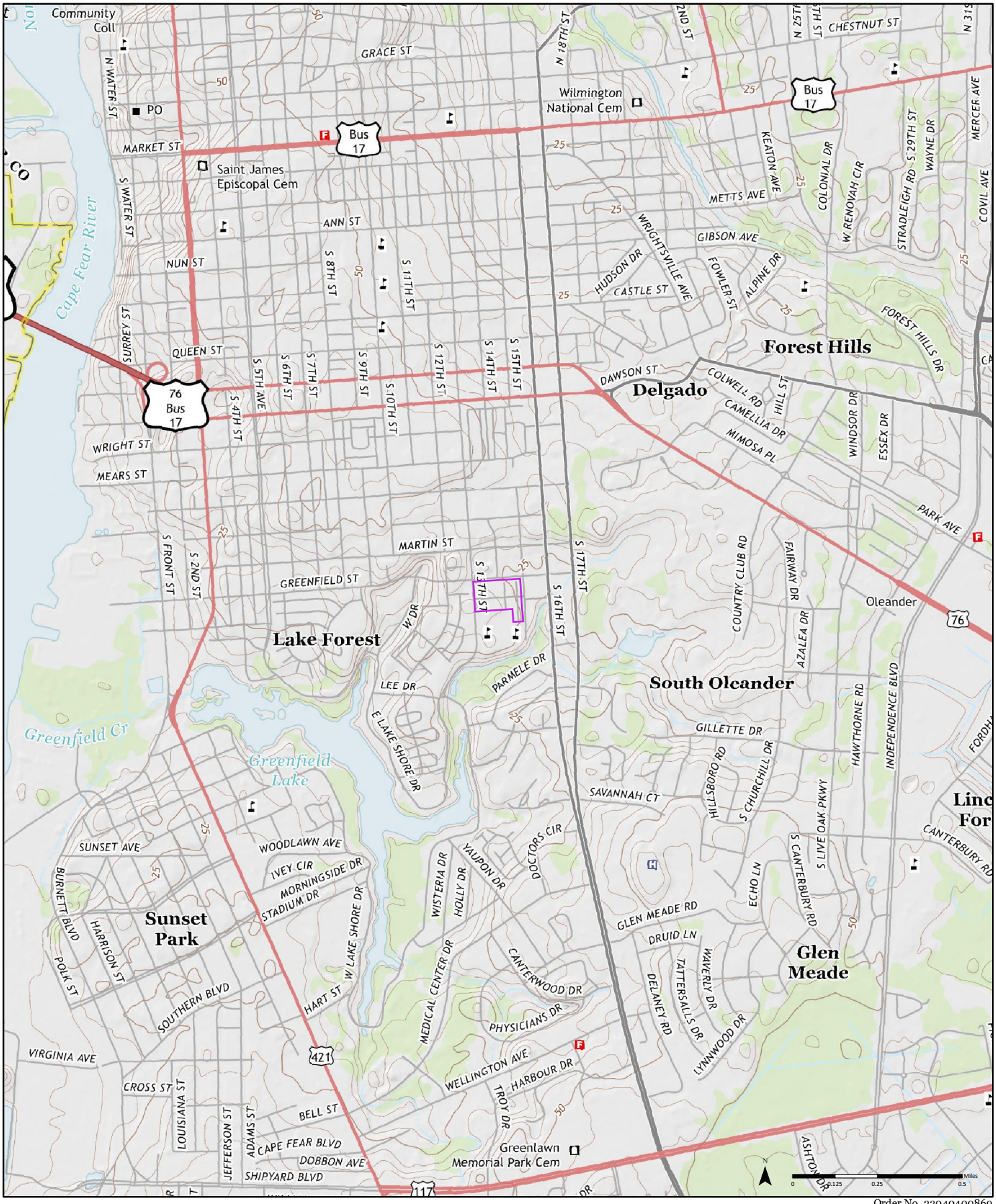
Order No. 23040400869

2016



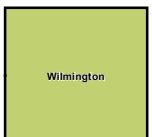
Available Quadrangle(s): Wilmington, NC

Source: USGS 7.5 Minute Topographic Map



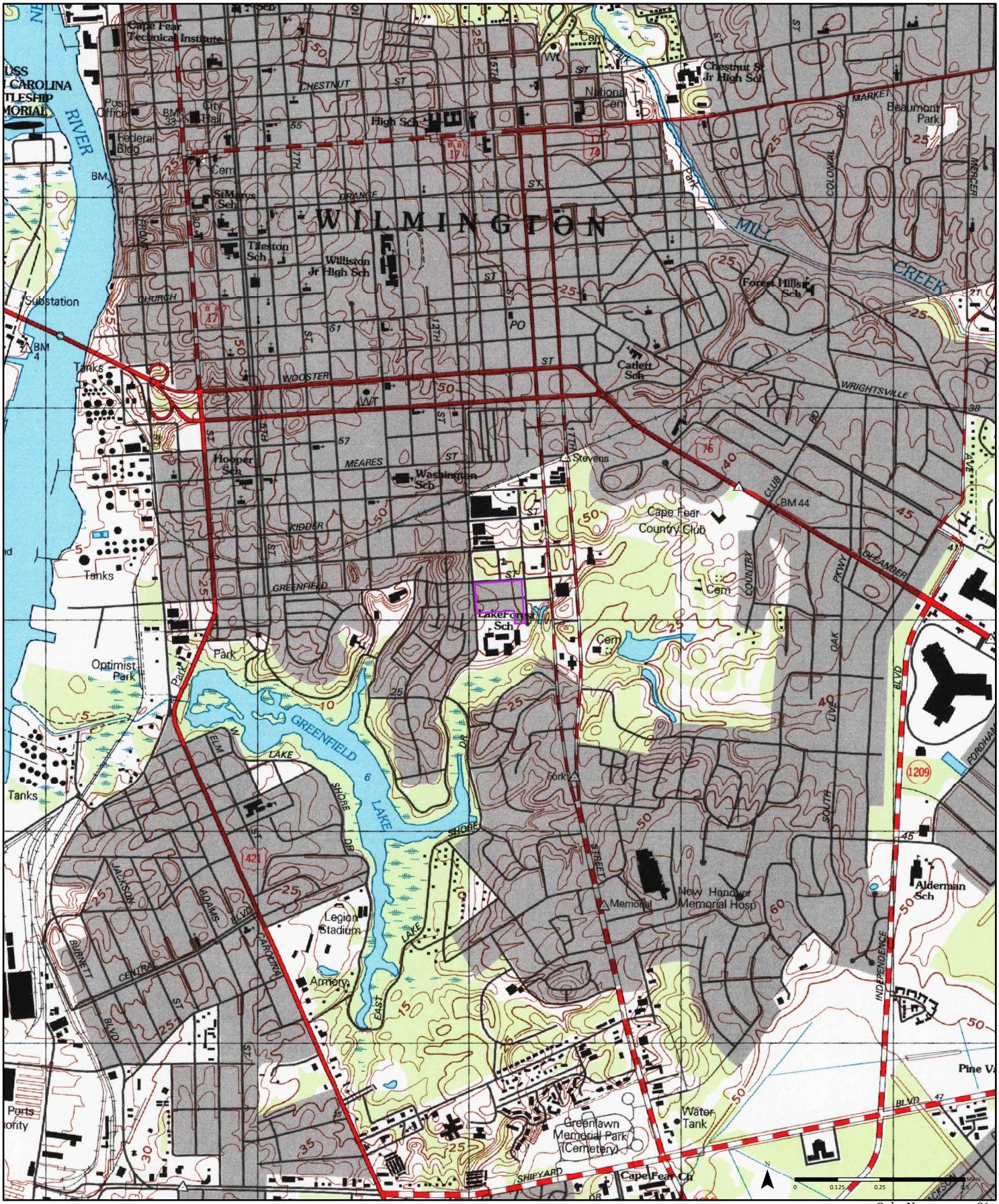
Order No. 23040400869

2013



Available Quadrangle(s): Wilmington, NC

Source: USGS 7.5 Minute Topographic Map

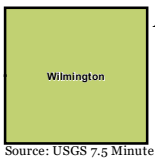


1993

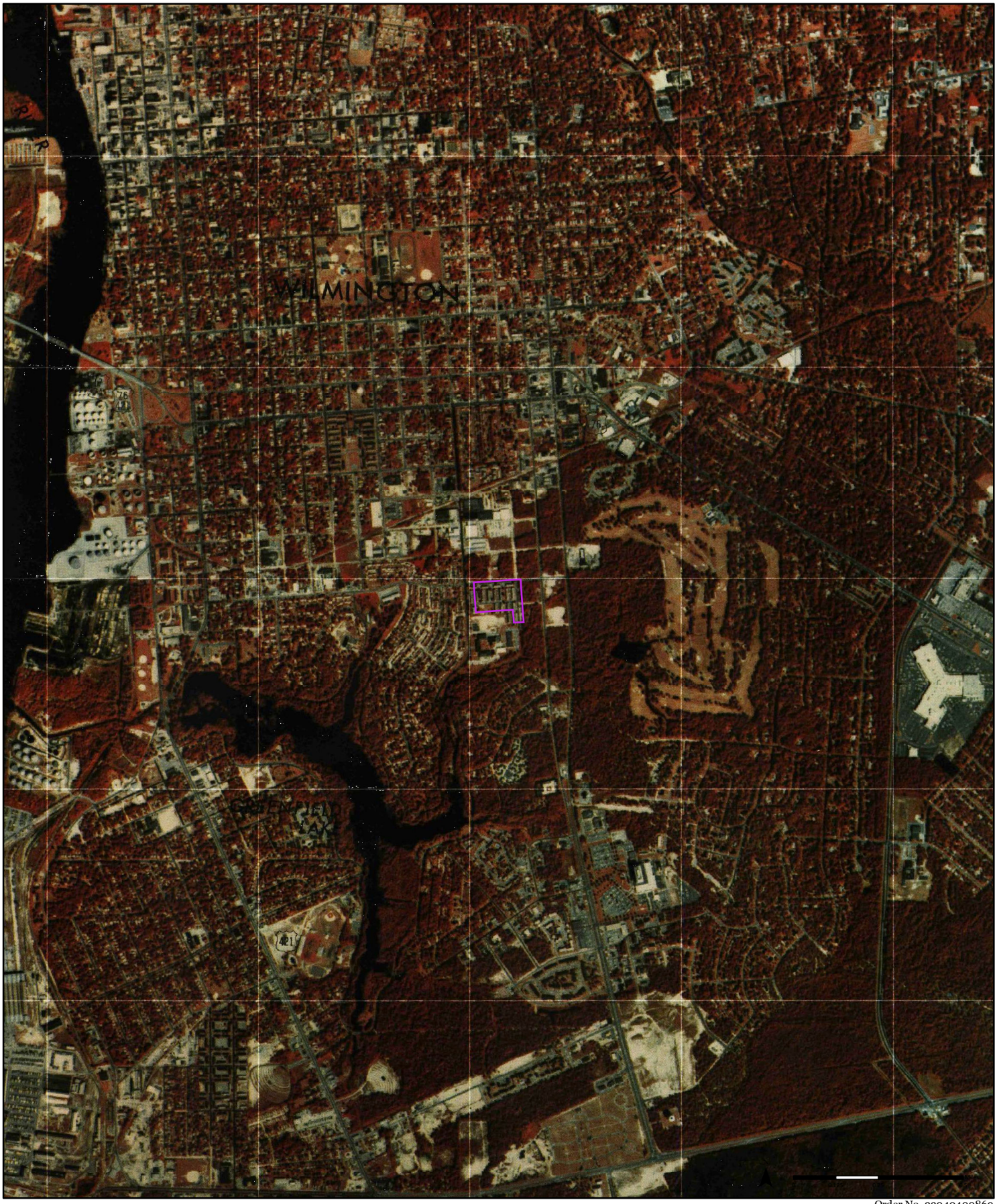
(1-1993)
Aerial Photo Year: 1993

Order No. 23040400869

Available Quadrangle(s): Wilmington, NC(1-1993)



Source: USGS 7.5 Minute Topographic Map

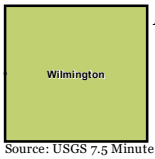


1980

(1-1980)
Aerial Photo Year: 1980

Order No. 23040400869

Available Quadrangle(s): Wilmington, NC(1-1980)



Source: USGS 7.5 Minute Topographic Map

ERIS



1979 (1-1979)

Aerial Photo Year: 1975
Photo Revision Year: 1979

Order No. 23040400869

Available Quadrangle(s): Wilmington, NC(1-1979)



Source: USGS 7.5 Minute Topographic Map



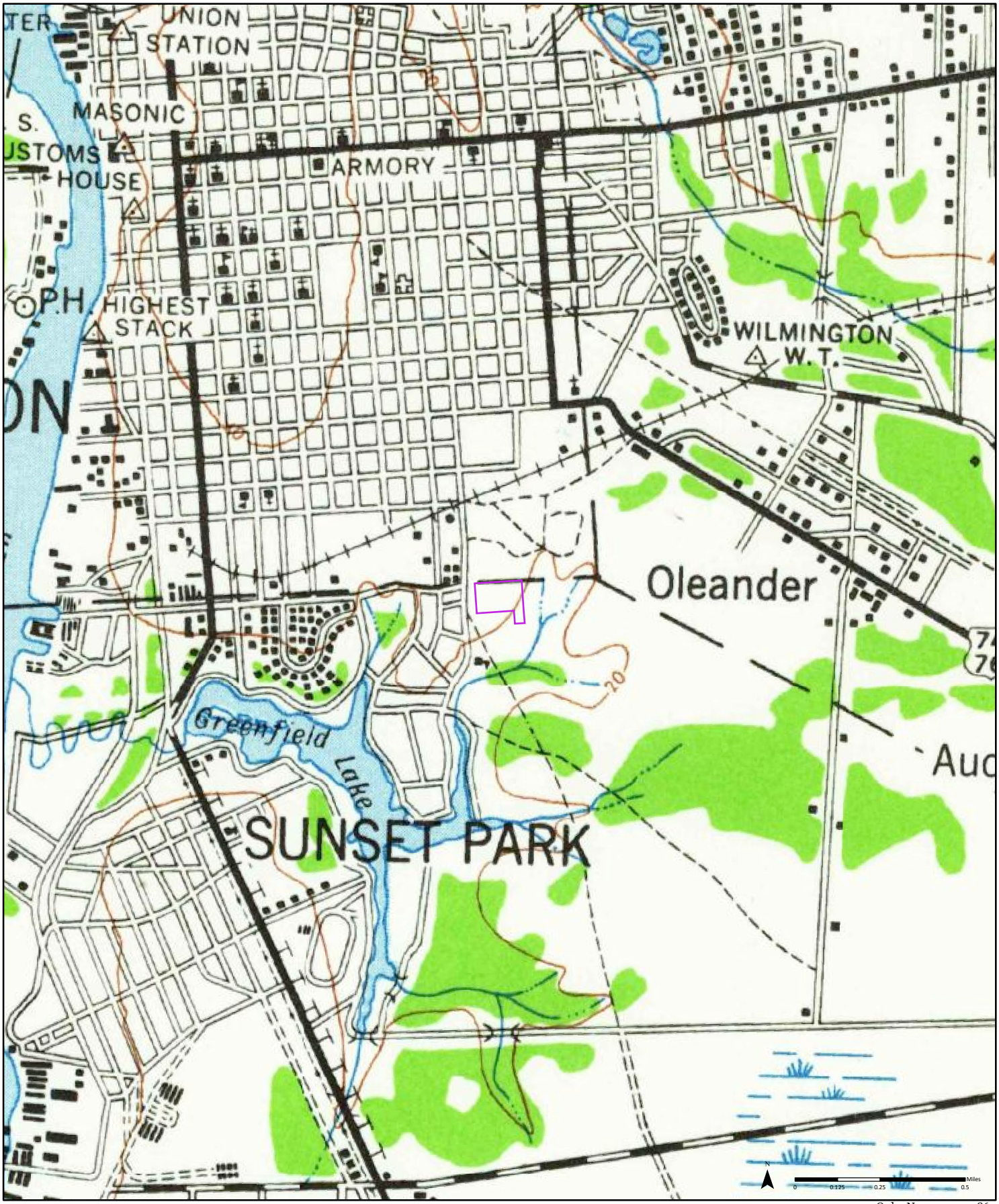
1970 (1-1970)
Aerial Photo Year: 1969

Order No. 23040400869

Available Quadrangle(s): Wilmington, NC(1-1970)



Source: USGS 7.5 Minute Topographic Map



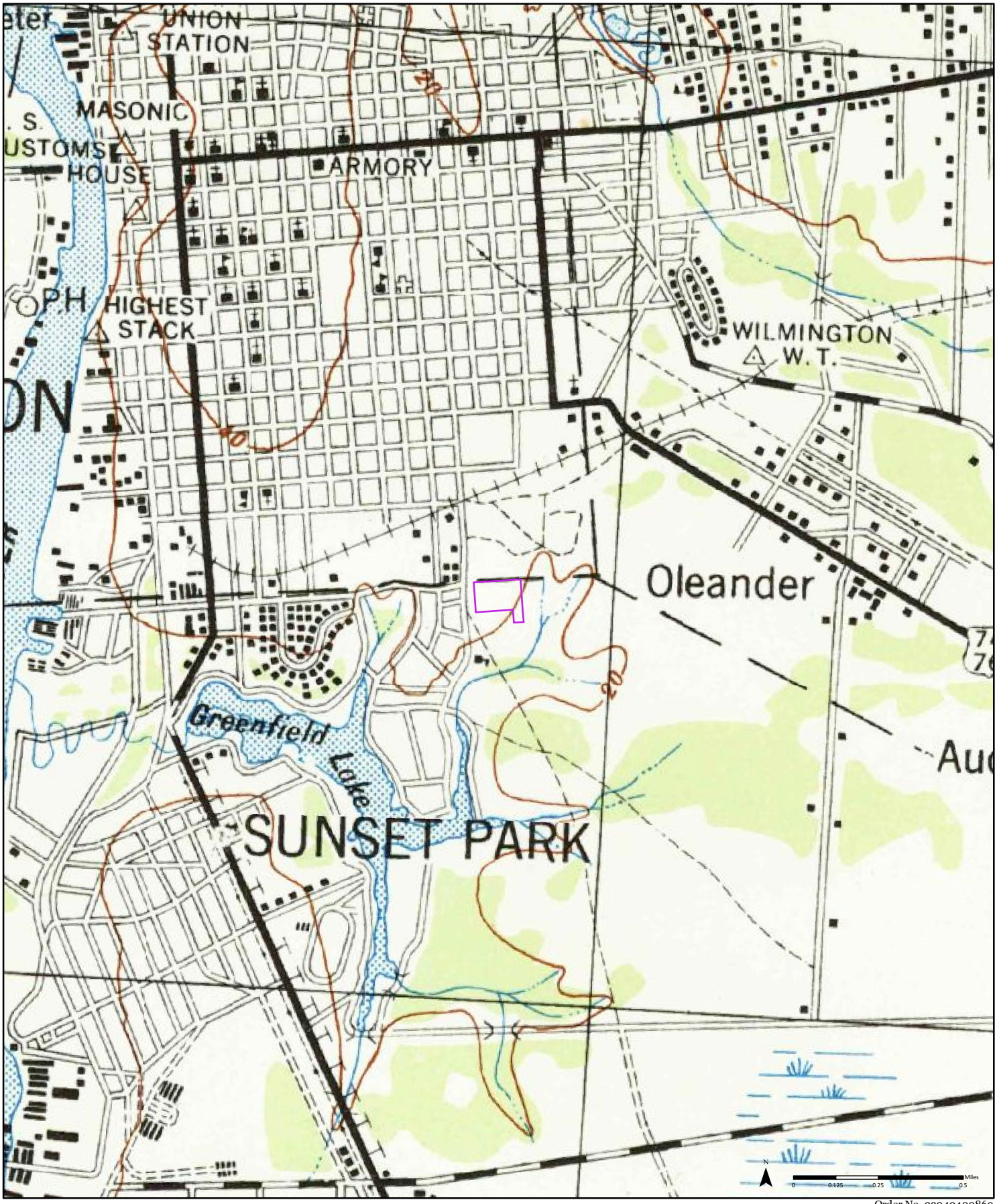
1948 (1-1948)
Aerial Photo Year: 1942

Order No. 23040400869

Available Quadrangle(s): Wilmington, NC(1-1948)



Source: USGS 15 Minute Topographic Map



1942 *(1-1942)*
Aerial Photo Year: 1942

Order No. 23040400869

Available Quadrangle(s): Wilmington, NC(1-1942)



Source: USGS 15 Minute Topographic Map

CITY DIRECTORY

Project Property:	*Houston Moore* *1601 South 13th Street* *Wilmington,NC 28401*
Project No:	*49-20026*
Requested By:	*ECS Limited Southeast*
Order No:	*23040400869*
Date Completed:	*April 10, 2023*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

April 10, 2023
RE: CITY DIRECTORY RESEARCH
1601 South 13th Street
Wilmington,NC 28401

Thank you for contacting ERIS for an City Directory Search for the site described above. Our staff has conducted a reverse listing City Directory search to determine prior occupants of the subject site and adjacent properties. We have provided the nearest addresses(s) when adjacent addresses are not listed. If we have searched a range of addresses, all addresses in that range found in the Directory are included.

Note: Reverse Listing Directories generally are focused on more highly developed areas. Newly developed areas may be covered in the more recent years, but the older directories will tend to cover only the "central" parts of the city. To complete the search, we have either utilized the ACPL, Library of Congress, State Archives, and/or a regional library or history center as well as multiple digitized directories. These do not claim to be a complete collection of all reverse listing city directories produced.

ERIS has made every effort to provide accurate and complete information but shall not be held liable for missing, incomplete or inaccurate information. To complete this search we used the general range(s) below to search for relevant findings. If you believe there are additional addresses or streets that require searching please contact us at 866-517-5204.

Search Criteria:
1000-End of Greenfield St
1200-End of S 13th St
1200-End of S 15th St
1300-End of S 16th St
Search Notes:

Search Results Summary

Date	Source	Comment
2022	DIGITAL BUSINESS DIRECTORY	
2020	DIGITAL BUSINESS DIRECTORY	
2016	DIGITAL BUSINESS DIRECTORY	
2012	DIGITAL BUSINESS DIRECTORY	
2008	DIGITAL BUSINESS DIRECTORY	
2003	DIGITAL BUSINESS DIRECTORY	
2000	DIGITAL BUSINESS DIRECTORY	
1996	POLKS	
1991	POLKS	
1986	POLKS	
1981	HILLS	
1976	HILLS	
1971	HILLS	
1967	HILLS	
1963	HILLS	
1960	HILLS	
1956	HILLS	
1952	HILLS	
1947	HILLS	
1943	HILLS	
1940	HILLS	
1934	HILLS	
1930	HILLS	
1926	HILLS	

2022 GREENFIELD ST

SOURCE: DIGITAL BUSINESS DIRECTORY

1011 **THERESA PEARSON**...*RESIDENTIAL*
1022 **EVERYBODY'S SUPERMARKET**...*GROCERS-RETAIL*
1023 **VERONICA CHILLIOUS**...*RESIDENTIAL*
1026 **CITYLIFE CHURCH**...*CHURCHES*
1034 **EAST COAST MOBILE**...*CELLULAR TELEPHONES-EQUIPMENT & SUPLS*
1034 **EAST COAST MOBILE**...*NONCLASSIFIED ESTABLISHMENTS*
1042 **SPIROS BREAKFAST & LUNCH HOUSE**...*RESTAURANTS*
1044 **WORLD BEAUTY SUPPLY**...*COSMETICS & PERFUMES-RETAIL*
1105 **CAROLYN JAMES**...*RESIDENTIAL*
1117 **GERALDINE KEITH**...*RESIDENTIAL*
1123 **VERONICA RATLEY**...*RESIDENTIAL*
1125 **MARVA BLOODWORTH**...*RESIDENTIAL*
1129 **BARBARA THOMAS-TUCKER**...*RESIDENTIAL*
1133 **THEOLA MAXWELL**...*RESIDENTIAL*
1135 **S ROSE**...*RESIDENTIAL*
1139 **JENNIFER PRESSLEY**...*RESIDENTIAL*
1143 **ERMA SANDERS**...*RESIDENTIAL*
1155 **VILLAGE AT GREENFIELD FAMILY**...*HUMAN SERVICES ORGANIZATIONS*
1302 **KESHIA SCOTT**...*RESIDENTIAL*
1304 **PAUL MORRIS**...*RESIDENTIAL*
1310 **LATISHA PETERSON**...*RESIDENTIAL*
1313 **FAMILY DOLLAR STORE**...*VARIETY STORES*
1314 **MICHAEL HAWKINS**...*RESIDENTIAL*
1320 **NAKOLA MC NEAL**...*RESIDENTIAL*
1401 **JAMES JAMISON**...*NONCLASSIFIED ESTABLISHMENTS*
1404 **JAMES JONES**...*RESIDENTIAL*
1406 **TANESHA MOORE**...*RESIDENTIAL*
1408 **GLENDORA HANSLEY**...*RESIDENTIAL*
1410 **TYREECE STEWART**...*RESIDENTIAL*
1412 **JAMES DAVIS**...*RESIDENTIAL*
1412 **LINDA BETHEA**...*RESIDENTIAL*
1418 **CONNELL VAUGHN**...*RESIDENTIAL*
1611 **BROWN, KATHLEEN J DDS**...*DENTISTS*
1650 **AMIS, EDEN**...*SOCIAL WORKERS*
1650 **BUTLER, CAROL RICH**...*NURSES-PRACTITIONERS*
1650 **NEW HANOVER COUNTY HEALTH DEPT.**...*GOVERNMENT OFFICES-COUNTY*
1650 **NEW HANOVER COUNTY HEALTH DEPT.**...*HEALTH INFORMATION & REFERRAL PROGRAMS*
1650 **NEW HANOVER COUNTY HEALTH DEPT.**...*HOME HEALTH SERVICE*
1650 **NEW HANOVER COUNTY HEALTH DEPT.**...*COUNTY GOVERNMENT-PUBLIC HEALTH PROGRAMS*
1650 **NEW HANOVER COUNTY HEALTH DEPT.**...*FEDERAL GOVERNMENT CONTRACTORS*
1650 **NEW HANOVER COUNTY HEALTH DEPT.**...*ECOMMERCE*
1650 **SOCIAL SERVICES DEPT.**...*SOCIAL SERVICE & WELFARE ORGANIZATIONS*
1650 **SOCIAL SERVICES DEPT.**...*FEDERAL GOVERNMENT CONTRACTORS*
1650 **SOCIAL SERVICES DEPT.**...*GOVERNMENT OFFICES-COUNTY*

2022 S 13TH ST

SOURCE: DIGITAL BUSINESS DIRECTORY

1220 **BUCKSHOT MANUFACTURING LLC**...*MANUFACTURERS*
1301 **COASTAL MILLWORK SUPPLY CO**...*MILLWORK (MFRS)*
1404 **ANTONIO COLLINS JR**...*RESIDENTIAL*
1412 **AGNES ALDERMAN**...*RESIDENTIAL*
1412 **CARRIE CORLEY**...*RESIDENTIAL*
1414 **EDWRIN BARNES SUTTON**...*RESIDENTIAL*
1420 **LASHAUN JOHNSON**...*RESIDENTIAL*
1424 **KAREN WILSON**...*RESIDENTIAL*
1500 **JOSEPH MCARTHUR**...*RESIDENTIAL*
1501 **TERESA WILLIAMS**...*RESIDENTIAL*
1501 **TERRILL WILLIAMS**...*RESIDENTIAL*
1504 **AKEISHA SESSION**...*RESIDENTIAL*
1505 **DYRELL TINDALL**...*RESIDENTIAL*
1506 **SYREETA DRAWHORN**...*RESIDENTIAL*
1508 **CECILIA MOORE**...*RESIDENTIAL*
1508 **JESSIE MOORE**...*RESIDENTIAL*
1510 **RAE WILLIAMS**...*RESIDENTIAL*
1510 **SHANTE BARDEN**...*RESIDENTIAL*
1516 **STEPHEN MARSHBURN**...*RESIDENTIAL*
1518 **TIFFANY MCDUFFIE**...*RESIDENTIAL*
1530 **LATRESURE BELL**...*RESIDENTIAL*
1532 **MARTHA IRVING**...*RESIDENTIAL*
1534 **ANNETTE MOORE**...*RESIDENTIAL*
1536 **KARON QUINCE**...*RESIDENTIAL*
1538 **TANGIE SWEPSON**...*RESIDENTIAL*
1540 **CASSANDERA THOMPSON**...*RESIDENTIAL*
1548 **MONTREE STEWART**...*RESIDENTIAL*
1552 **TOBY LEVETON**...*RESIDENTIAL*
1558 **JULIUS BOWDEN JR**...*RESIDENTIAL*
1558 **SONYA MCDUFFIE**...*RESIDENTIAL*
1564 **SHAWN JAMES**...*RESIDENTIAL*
1566 **LATASHA GEORGE**...*RESIDENTIAL*
1570 **JONATHAN LEAK**...*RESIDENTIAL*
1572 **SANDRA GREENE**...*RESIDENTIAL*
1580 **MICHELLE LAW**...*RESIDENTIAL*
1586 **ALICE SMITH**...*RESIDENTIAL*
1586 **KENDALL VAUGHT**...*RESIDENTIAL*
1594 **K HINCKS**...*RESIDENTIAL*
1598 **MARY DAVIS**...*RESIDENTIAL*
1601 **HOUSTON MOORE TERRACE**...*STATE GOVERNMENTCONSERVATION DEPTS*
1601 **HOUSTON MOORE TERRACE**...*GOVERNMENT OFFICES-US*
1624 **DORETHA JACOBS**...*RESIDENTIAL*
1628 **DOROTHY GARNER**...*RESIDENTIAL*
1628 **LAKESHIA WATSON**...*RESIDENTIAL*
1634 **CELIA SANDERS**...*RESIDENTIAL*
1636 **H DAVIS**...*RESIDENTIAL*
1644 **KAREN GERLITS**...*RESIDENTIAL*
1646 **PORTIA SPICER**...*RESIDENTIAL*
1652 **WILBURT ROBINSON**...*RESIDENTIAL*
1670 **ANNIE MOSS**...*RESIDENTIAL*
1670 **DOUGLAS MOSS**...*RESIDENTIAL*

2022 S 15TH ST

SOURCE: DIGITAL BUSINESS DIRECTORY

1202 **SARAH KENDRICK**...*RESIDENTIAL*
1202 **SARAH RODERICK**...*RESIDENTIAL*
1213 **LEE'S GLASS SVC CO**...*GLASS-AUTO PLATE & WINDOW & ETC*
1230 **COASTAL MINI STORAGE**...*STORAGE-HOUSEHOLD & COMMERCIAL*
1230 **NICHELLE SPICER**...*RESIDENTIAL*
1230 **ROBERT HIGH PROPERTIES**...*BOAT STORAGE*
1290 **CREATIVE CUSTOM WOODWORKS**...*CABINET MAKERS*
1290 **CREATIVE CUSTOM WOODWORKS**...*CABINETS*
1502 **LILLIE POWELL**...*RESIDENTIAL*
1510 **JESSICA SANDERS**...*RESIDENTIAL*
1510 **NATASHA TROY**...*RESIDENTIAL*
1512 **DAINYA POLK**...*RESIDENTIAL*
1514 **CURRAY AUSTIN**...*RESIDENTIAL*
1516 **JO STUKES**...*RESIDENTIAL*
1516 **LONELL DANIELS**...*RESIDENTIAL*
1516 **RITA DANIELS**...*RESIDENTIAL*
1518 **CHRISTINA MURPHY**...*RESIDENTIAL*
1602 **ALESSANDRA OLIVER**...*RESIDENTIAL*
1602 **VANESSA TART**...*RESIDENTIAL*
1602 **VERONICA COKER**...*RESIDENTIAL*
1620 **KIMBERLY BELL**...*RESIDENTIAL*
1630 **AUGUSTA WHITAKER**...*RESIDENTIAL*
1632 **TANAYA ALDERMAN**...*RESIDENTIAL*
1636 **VIOLET HEWITT**...*RESIDENTIAL*
1802 **FLOOR, STASIA**...*SOCIAL WORKERS*
1802 **NEW HANOVER COUNTY SCHOOL SS**...*SCHOOLS*
1802 **NEW HANOVER COUNTY SCHOOL SS**...*SCHOOLSUNIVERSITIES & COLLEGES ACADEMIC*
1802 **NORTH CAROLINA SCI MATHEMATICS**...*DRIVING INSTRUCTION*
1802 **VOCATIONAL REHABILITATION**...*CRISIS INTERVENTION SERVICE*
1802 **VOCATIONAL REHABILITATION**...*REHABILITATION SERVICES*
1806 **DOBENS, SARAH L**...*COUNSELORS*

2022 S 16TH ST

SOURCE: DIGITAL BUSINESS DIRECTORY

1302 **KIRBY CO**...*VACUUM CLEANERS-HOUSEHOLD-DEALERS*
1316 **LIFETIME RESOURCES INC**...*SOCIAL SERVICE & WELFARE ORGANIZATIONS*
1316 **LIFETIME RESOURCES INC**...*GROUP HOMES*
1316 **NEW DIMENSION GROUP LLC**...*NONCLASSIFIED ESTABLISHMENTS*
1375 **CAROLINA CHIROPRACTIC CTR**...*CHIROPRACTORS DC*
1375 **CAROLINA CHIROPRACTIC CTR**...*CLINICS*
1375 **SEASIDE WELLNESS**...*CHIROPRACTORS DC*
1375 **WEISBERG, JOHN ERNEST DC**...*CHIROPRACTORS DC*
1401 **ADVENTURE WORLD CHILD DEVMNT**...*NONPROFIT ORGANIZATIONS*
1401 **ADVENTURE WORLD CHILD DEVMNT**...*CHILD CARE SERVICE*
1401 **PRIMROSE SCHOOL WILMINGTON**...*SCHOOLS-NURSERY & KINDERGARTEN ACADEMIC*
1524 **HOUSING & ECONOMIC OPPRTNTS**...*FEDERAL GOVERNMENT CONTRACTORS*
1524 **HOUSING & ECONOMIC OPPRTNTS**...*HOUSING AUTHORITIES*
1524 **HOUSING AUTHORITY WILMINGTON**...*FEDERAL GOVERNMENT CONTRACTORS*
1524 **HOUSING AUTHORITY WILMINGTON**...*CONSTRUCTION COMPANIES*
1524 **JERVAY HOUSE LLC**...*NONCLASSIFIED ESTABLISHMENTS*
1524 **WILMINGTON HOUSING AUTHORITY**...*HOUSING ASSISTANCE*
1709 **CORBETT, TEABLEE A**...*NURSES-PRACTITIONERS*
1709 **DART, MELANIE R PA**...*PHYSICIANS ASSISTANTS*
1709 **GAITHER, MICHAEL D DO**...*MEDICAL & SURGICAL SVC ORGANIZATIONS*
1709 **GAITHER, MICHAEL D DO**...*PHYSICIANS & SURGEONS*
1709 **MORRIS, CRYSTAL G NP**...*NURSES-PRACTITIONERS*
1777 **BURGESS III, H COLEMAN DDS**...*DENTISTS*
1801 **TREMAN & TREMAN PA**...*DENTISTS*
1801 **TREMAN & TREMAN PA**...*FEDERAL GOVERNMENT CONTRACTORS*
1801 **TREMAN & TREMAN PA**...*COSMETIC DENTISTRY*
1801 **TREMAN DENTAL**...*DENTISTS*
1828 **JEHOVAH'S WITNESSES**...*CHURCHES*
1901 **BURGER KING**...*RESTAURANTS*
1919 **WILMINGTON EYE SURGERY CTR LLC**...*PHYSICIANS & SURGEONS*
1920 **WILMINGTON HEALTH ASSOC**...*CLINICS*
1920 **WILMINGTON HEALTH ASSOC**...*DENTISTS*
1928 **CAMERON CLINIC OF ORIENTAL MED**...*HOLISTIC PRACTITIONERS*
1928 **COOK, BRENDAN C**...*ACUPUNCTURE*
1928 **NATURAL AWAKENINGS**...*NONCLASSIFIED ESTABLISHMENTS*
1932 **KEITH III, HARRISON L DDS**...*DENTISTS*
1960 **HELLER, JENNIFER NP**...*NURSES-PRACTITIONERS*
1960 **NEW HANOVER MEDICAL GROUP**...*MEDICAL & SURGICAL SVC ORGANIZATIONS*
1960 **NEW HANOVER MEDICAL GROUP**...*PHYSICIANS & SURGEONS*
1960 **NHRMC PHYSICIAN GROUP**...*MEDICAL GROUPS*
1960 **REZAC, DARCY J NP**...*PHYSICIANS ASSISTANTS*
1984 **KASSENS, CATHERINE H MD**...*PHYSICIANS & SURGEONS*
1988 **BRASIC, DEBORAH M**...*NURSES-PRACTITIONERS*
1988 **COASTAL CAROLINA**...*CANCER TREATMENT CENTERS*
1988 **COASTAL CAROLINA**...*HEALTH EDUCATION*
1988 **CULVER, MEAGHAN R**...*PHYSICIANS ASSISTANTS*
1988 **KATS, SVETLANA S MD**...*PHYSICIANS & SURGEONS*
1988 **KATS, SVETLANA S MD**...*MEDICAL & SURGICAL SVC ORGANIZATIONS*
1988 **MORGAN, TIFFANY MD**...*PHYSICIANS & SURGEONS*
1988 **NEW HANOVER REGL MED CTR**...*CANCER TREATMENT CENTERS*
1990 **VAN NYATTEN, FRED H MD**...*PHYSICIANS & SURGEONS*
1990 **WEIBLEY, SANDRA E PA**...*PHYSICIANS ASSISTANTS*
2006 **CYPRESS POINTE REHAB & HEALTH**...*REHABILITATION SERVICES*
2006 **CYPRESS POINTE REHAB & HEALTH**...*CRISIS INTERVENTION SERVICE*
2006 **GOFF, SHARON E**...*REHABILITATION SERVICES*
2006 **GOFF, SHARON E**...*PHYSICAL THERAPISTS*
2006 **GOFF, SHARON E**...*OCCUPATIONAL THERAPISTS*
2006 **RALLIS, MICHALE MD**...*MEDICAL & SURGICAL SVC ORGANIZATIONS*
2006 **RALLIS, MICHALE MD**...*PHYSICIANS & SURGEONS*
2018 **BRUMBAUGH MU KING PA**...*ATTORNEYS*
2018 **STARBUCKS**...*COFFEE SHOPS*

2020 GREENFIELD ST

SOURCE: DIGITAL BUSINESS DIRECTORY

1011 **THERESA PEARSON**...*RESIDENTIAL*
1022 **EVERYBODY'S SUPERMARKET**...*GROCERS-RETAIL*
1023 **DOLORES CHILLIOUS**...*RESIDENTIAL*
1026 **CITYLIFE CHURCH**...*CHURCHES*
1034 **EAST COAST MOBILE**...*CELLULAR TELEPHONES-EQUIPMENT & SUPLS*
1034 **EAST COAST MOBILE**...*NONCLASSIFIED ESTABLISHMENTS*
1042 **SPIROS BREAKFAST & LUNCH HOUSE**...*RESTAURANTS*
1044 **WORLD BEAUTY SUPPLY**...*COSMETICS & PERFUMES-RETAIL*
1105 **CAROLYN JAMES**...*RESIDENTIAL*
1117 **GERALDINE KEITH**...*RESIDENTIAL*
1117 **TRAVIA KEITH**...*RESIDENTIAL*
1123 **VERONICA RATLEY**...*RESIDENTIAL*
1125 **MARVA BLOODWORTH**...*RESIDENTIAL*
1133 **THEOLA MAXWELL**...*RESIDENTIAL*
1135 **HENRY ROSE**...*RESIDENTIAL*
1139 **BRYANT PRESSLEY**...*RESIDENTIAL*
1143 **ERMA SANDERS**...*RESIDENTIAL*
1155 **VILLAGE AT GREENFIELD FAMILY**...*HUMAN SERVICES ORGANIZATIONS*
1302 **KESHIA SCOTT**...*RESIDENTIAL*
1304 **PAUL MORRIS**...*RESIDENTIAL*
1310 **LATISHA PETERSON**...*RESIDENTIAL*
1313 **FAMILY DOLLAR STORE**...*VARIETY STORES*
1314 **MICHAEL HAWKINS**...*RESIDENTIAL*
1320 **NAKOLA MC NEAL**...*RESIDENTIAL*
1401 **JAMES JAMISON**...*NONCLASSIFIED ESTABLISHMENTS*
1404 **JAMES JONES**...*RESIDENTIAL*
1406 **TANESHA MOORE**...*RESIDENTIAL*
1408 **ANGELA HANSLEY**...*RESIDENTIAL*
1412 **JESSICA BETHEA**...*RESIDENTIAL*
1611 **BROWN, KATHLEEN J DDS**...*DENTISTS*
1650 **BUTLER, CAROL RICH**...*NURSES-PRACTITIONERS*
1650 **NEW HANOVER COUNTY HEALTH DEPT**...*GOVERNMENT OFFICES-COUNTY*
1650 **SOCIAL SERVICES DEPT**...*FEDERAL GOVERNMENT CONTRACTORS*
1650 **SOCIAL SERVICES DEPT**...*GOVERNMENT OFFICES-COUNTY*
1650 **SOCIAL SERVICES DEPT**...*SOCIAL SERVICE & WELFARE ORGANIZATIONS*

2020 S 13TH ST

SOURCE: DIGITAL BUSINESS DIRECTORY

1220 **BUCKSHOT INC**...*SPORTING GOODS-RETAIL*
1220 **BUCKSHOT MANUFACTURING LLC**...*MANUFACTURERS*
1301 **COASTAL MILLWORK SUPPLY CO**...*MILLWORK (MFRS)*
1404 **ANTONIO COLLINS JR**...*RESIDENTIAL*
1412 **AGNES ALDERMAN**...*RESIDENTIAL*
1412 **CARRIE CORLEY**...*RESIDENTIAL*
1414 **EDWRIN BARNES SUTTON**...*RESIDENTIAL*
1420 **LASHAUN JOHNSON**...*RESIDENTIAL*
1424 **KAREN WILSON**...*RESIDENTIAL*
1500 **JOSEPH MCARTHUR**...*RESIDENTIAL*
1501 **TERESA WILLIAMS**...*RESIDENTIAL*
1504 **AKEISHA SESSION**...*RESIDENTIAL*
1505 **DYRELL TINDALL**...*RESIDENTIAL*
1506 **SYREETA DRAWHORN**...*RESIDENTIAL*
1508 **CECILIA MOORE**...*RESIDENTIAL*
1510 **DEQUAN BARDEN**...*RESIDENTIAL*
1516 **STEPHEN MARSHBURN**...*RESIDENTIAL*
1518 **TIFFANY MCDUFFIE**...*RESIDENTIAL*
1530 **LATRESURE BELL**...*RESIDENTIAL*
1532 **MARTHA IRVING**...*RESIDENTIAL*
1534 **ANNETTE MOORE**...*RESIDENTIAL*
1536 **KARON QUINCE**...*RESIDENTIAL*
1538 **TANGIE SWEPSON**...*RESIDENTIAL*
1540 **CASSANDERA THOMPSON**...*RESIDENTIAL*
1544 **REGINA GRANT**...*RESIDENTIAL*
1548 **MONTREE STEWART**...*RESIDENTIAL*
1552 **TOBY LEVETON**...*RESIDENTIAL*
1558 **JULIUS BOWDEN JR**...*RESIDENTIAL*
1558 **SONYA MCDUFFIE**...*RESIDENTIAL*
1564 **SHAWN JAMES**...*RESIDENTIAL*
1566 **LATASHA GEORGE**...*RESIDENTIAL*
1570 **JONATHAN LEAK**...*RESIDENTIAL*
1572 **IRVING GREENE**...*RESIDENTIAL*
1580 **MICHELLE LAW**...*RESIDENTIAL*
1582 **ESTELLE NEAL**...*RESIDENTIAL*
1586 **ALICE SMITH**...*RESIDENTIAL*
1586 **KENDALL VAUGHT**...*RESIDENTIAL*
1594 **K HINCKS**...*RESIDENTIAL*
1598 **MARY DAVIS**...*RESIDENTIAL*
1601 **HOUSTON MOORE TERRACE**...*GOVERNMENT OFFICES-US*
1601 **HOUSTON MOORE TERRACE**...*STATE GOVERNMENTCONSERVATION DEPTS*
1624 **DORETHA JACOBS**...*RESIDENTIAL*
1628 **DOROTHY GARNER**...*RESIDENTIAL*
1628 **LAKESHIA WATSON**...*RESIDENTIAL*
1630 **SHEMUCCA GALLOWAY**...*RESIDENTIAL*
1634 **CELIA SANDERS**...*RESIDENTIAL*
1636 **H DAVIS**...*RESIDENTIAL*
1644 **KAREN GERLITS**...*RESIDENTIAL*
1646 **PORTIA SPICER**...*RESIDENTIAL*
1652 **WILBURT ROBINSON**...*RESIDENTIAL*
1660 **ANNETTE DUNBAR**...*RESIDENTIAL*
1670 **ANNIE MOSS**...*RESIDENTIAL*
1805 **NEW HANOVER COUNTY BOARD-EDU**...*SCHOOLS*
1805 **NEW HANOVER COUNTY BOARD-EDU**...*SCHOOLSUNIVERSITIES & COLLEGES ACADEMIC*

1202 **SARAH KENDRICK**...*RESIDENTIAL*
1202 **SARAH RODERICK**...*RESIDENTIAL*
1213 **LEE'S GLASS SVC CO**...*GLASS-AUTO PLATE & WINDOW & ETC*
1230 **COASTAL MINI STORAGE**...*STORAGE-HOUSEHOLD & COMMERCIAL*
1230 **NICHELLE SPICER**...*RESIDENTIAL*
1230 **ROBERT HIGH PROPERTIES**...*BOAT STORAGE*
1290 **CREATIVE CUSTOM WOODWORKS**...*CABINET MAKERS*
1290 **CREATIVE CUSTOM WOODWORKS**...*CABINETS*
1502 **KAMESHA POWELL**...*RESIDENTIAL*
1510 **JESSICA SANDERS**...*RESIDENTIAL*
1510 **NATASHA TROY**...*RESIDENTIAL*
1512 **DAINYA POLK**...*RESIDENTIAL*
1514 **CURRAY AUSTIN**...*RESIDENTIAL*
1516 **LONELL DANIELS**...*RESIDENTIAL*
1518 **CHRISTINA MURPHY**...*RESIDENTIAL*
1602 **ALESSANDRA OLIVER**...*RESIDENTIAL*
1602 **OLIVIA TART**...*RESIDENTIAL*
1620 **KIMBERLY BELL**...*RESIDENTIAL*
1630 **AUGUSTA WHITAKER**...*RESIDENTIAL*
1632 **TANAYA ALDERMAN**...*RESIDENTIAL*
1636 **VIOLET HEWITT**...*RESIDENTIAL*
1802 **FLOOR, STASIA**...*SOCIAL WORKERS*
1802 **NEW HANOVER COUNTY SCHOOL SS**...*SCHOOLS*
1802 **NEW HANOVER COUNTY SCHOOL SS**...*SCHOOLSUNIVERSITIES & COLLEGES ACADEMIC*
1802 **NORTH CAROLINA SCI MATHEMATICS**...*DRIVING INSTRUCTION*
1802 **VOCATIONAL REHABILITATION**...*CRISIS INTERVENTION SERVICE*
1802 **VOCATIONAL REHABILITATION**...*REHABILITATION SERVICES*
1806 **DOBENS, SARAH L**...*COUNSELORS*
1806 **ENGLISH, MEGAN L**...*COUNSELORS*
1806 **FLOOR, STASIA ANN**...*SOCIAL WORKERS*
1806 **HANSLEY, ANTHONY L**...*SOCIAL WORKERS*
1806 **JOHNSON, LINDSEY**...*SOCIAL WORKERS*
1806 **LAKE FOREST ACADEMY**...*SCHOOLS*

77 total records. Part 1 of 2

1302 **KIRBY CO**...*VACUUM CLEANERS-HOUSEHOLD-DEALERS*
1316 **LIFETIME RESOURCES INC**...*SOCIAL SERVICE & WELFARE ORGANIZATIONS*
1316 **LIFETIME RESOURCES INC**...*GROUP HOMES*
1316 **NEW DIMENSION GROUP LLC**...*NONCLASSIFIED ESTABLISHMENTS*
1375 **CAROLINA CHIROPRACTIC CTR**...*CHIROPRACTORS DC*
1375 **CAROLINA CHIROPRACTIC CTR**...*CLINICS*
1375 **SEASIDE WELLNESS**...*CHIROPRACTORS DC*
1375 **WEISBERG, JOHN ERNEST DC**...*CHIROPRACTORS DC*
1390 **PORT HUMAN SVC**...*MENTAL HEALTH SERVICES*
1390 **PORT HUMAN SVC**...*SUBSTANCE ABUSE CENTERS*
1390 **PORT HUMAN SVC**...*IGNITION INTERLOCK DEVICES (MFRS)*
1390 **PORT HUMAN SVC**...*HEALTH SERVICES*
1401 **ADVENTURE WORLD CHILD DEVMNT**...*CHILD CARE SERVICE*
1401 **ADVENTURE WORLD CHILD DEVMNT**...*NONPROFIT ORGANIZATIONS*
1524 **HOUSING & ECONOMIC OPPRTNTS**...*FEDERAL GOVERNMENT CONTRACTORS*
1524 **HOUSING & ECONOMIC OPPRTNTS**...*HOUSING AUTHORITIES*
1524 **HOUSING AUTHORITY-WILMINGTON**...*CONSTRUCTION COMPANIES*
1524 **HOUSING AUTHORITY-WILMINGTON**...*FEDERAL GOVERNMENT CONTRACTORS*
1524 **JERVAY HOUSE LLC**...*NONCLASSIFIED ESTABLISHMENTS*
1524 **WILMINGTON HOUSING AUTHORITY**...*HOUSING ASSISTANCE*
1524 **WILMINGTON HOUSING AUTHORITY**...*FEDERAL GOVERNMENT CONTRACTORS*
1709 **DART, MELANIE R PA**...*PHYSICIANS ASSISTANTS*
1709 **DART, MELANIE R PA**...*PHYSICIANS & SURGEONS*
1709 **GAITHER, MICHAEL D DO**...*MEDICAL & SURGICAL SVC ORGANIZATIONS*
1709 **GAITHER, MICHAEL D DO**...*PHYSICIANS & SURGEONS*
1709 **MORRIS, CRYSTAL G NP**...*NURSES-PRACTITIONERS*
1777 **BURGESS III, H COLEMAN DDS**...*DENTISTS*
1801 **TREMAN & TREMAN PA**...*DENTISTS*
1801 **TREMAN & TREMAN PA**...*FEDERAL GOVERNMENT CONTRACTORS*
1801 **TREMAN & TREMAN PA**...*COSMETIC DENTISTRY*
1801 **TREMAN DENTAL**...*DENTISTS*
1828 **JEHOVAH'S WITNESSES**...*CHURCHES*
1901 **BURGER KING**...*RESTAURANTS*
1919 **CAPE FEAR FOOT & ANKLE CTR**...*PODIATRISTS*
1919 **CAPE FEAR FOOT & ANKLE CTR**...*SPORTS MEDICINE & INJURIES*
1920 **WILMINGTON HEALTH ASSOC**...*CLINICS*
1920 **WILMINGTON HEALTH ASSOC**...*DENTISTS*
1924 **IATSE LOCAL 491**...*LABOR ORGANIZATIONS*
1924 **LOCAL 491 STUDIO MECHANICS**...*LABOR ORGANIZATIONS*
1928 **CAMERON CLINIC OF ORIENTAL MED**...*HOLISTIC PRACTITIONERS*
1928 **COOK, BRENDAN C**...*ACUPUNCTURE*
1932 **KEITH III, HARRISON L DDS**...*DENTISTS*
1960 **HELLER, JENNIFER NP**...*NURSES-PRACTITIONERS*
1960 **NEW HANOVER MEDICAL GROUP**...*PHYSICIANS & SURGEONS*
1960 **NEW HANOVER MEDICAL GROUP**...*MEDICAL & SURGICAL SVC ORGANIZATIONS*
1960 **NHRMC PHYSICIAN GROUP**...*MEDICAL GROUPS*
1960 **REZAC, DARCY J NP**...*PHYSICIANS ASSISTANTS*
1960 **REZAC, DARCY J NP**...*PHYSICIANS & SURGEONS*
1984 **KASSENS, CATHERINE H MD**...*PHYSICIANS & SURGEONS*
1988 **BRASIC, DEBORAH M**...*NURSES-PRACTITIONERS*
1988 **COASTAL CAROLINA**...*HEALTH EDUCATION*
1988 **COASTAL CAROLINA**...*CANCER TREATMENT CENTERS*
1988 **CULVER, MEAGHAN R**...*PHYSICIANS ASSISTANTS*
1988 **KATS, SVETLANA S MD**...*MEDICAL & SURGICAL SVC ORGANIZATIONS*
1988 **KATS, SVETLANA S MD**...*PHYSICIANS & SURGEONS*
1988 **MORGAN, TIFFANY MD**...*PHYSICIANS & SURGEONS*
1988 **NEW HANOVER REGL MED CTR**...*CANCER TREATMENT CENTERS*
1990 **VAN NYNATTEN, FRED MD**...*MEDICAL & SURGICAL SVC ORGANIZATIONS*
1990 **VAN NYNATTEN, FRED MD**...*PHYSICIANS & SURGEONS*
1990 **WEIBLEY, SANDRA E PA**...*PHYSICIANS & SURGEONS*
1990 **WEIBLEY, SANDRA E PA**...*PHYSICIANS ASSISTANTS*
2006 **CYPRESS POINTE REHAB & HEALTH**...*CRISIS INTERVENTION SERVICE*
2006 **CYPRESS POINTE REHAB & HEALTH**...*REHABILITATION SERVICES*
2006 **GOFF, SHARON E**...*REHABILITATION SERVICES*

2020 S 16TH ST

SOURCE: DIGITAL BUSINESS DIRECTORY

Part 2 of 2

2006 **GOFF, SHARON E**...*PHYSICAL THERAPISTS*
2006 **RALLIS, MICHALE MD**...*MEDICAL & SURGICAL SVC ORGANIZATIONS*
2006 **RALLIS, MICHALE MD**...*PHYSICIANS & SURGEONS*
2018 **BRUMBAUGH MU KING PA**...*ATTORNEYS*
2018 **BRUMBAUGH MU & KING PA**...*ATTORNEYS*
2018 **KING JR, KENNETH W**...*ATTORNEYS*
2018 **KING LAW FIRM**...*ATTORNEYS*
2018 **STARBUCKS**...*COFFEE SHOPS*
2026 **MOMENTUM PT & WELLNESS**...*PHYSICAL THERAPISTS*
2026 **PULSE CORP**...*NONCLASSIFIED ESTABLISHMENTS*
2026 **WILMINGTON ATHLETIC CLUB**...*NONPROFIT ORGANIZATIONS*
2026 **WILMINGTON ATHLETIC CLUB**...*CHILD CARE SERVICE*

2016 GREENFIELD ST

SOURCE: DIGITAL BUSINESS DIRECTORY

1011 **THERESA PEARSON**...*RESIDENTIAL*
1022 **EVERYBODY'S SUPERMARKET**...*GROCERS-RETAIL*
1026 **BIG TOWN FASHION**...*CLOTHING-USED*
1027 **PAM WILSON**...*RESIDENTIAL*
1034 **EAST COAST MOBILE**...*NONCLASSIFIED ESTABLISHMENTS*
1042 **SPIROS BREAKFAST & LUNCH HOUSE**...*RESTAURANTS*
1044 **WORLD BEAUTY SUPPLY**...*COSMETICS & PERFUMES-RETAIL*
1105 **CAROLYN JAMES**...*RESIDENTIAL*
1117 **GERALDINE KEITH**...*RESIDENTIAL*
1117 **JAKIRHA KEITH**...*RESIDENTIAL*
1117 **TRAVIA KEITH**...*RESIDENTIAL*
1123 **VERONICA RATLEY**...*RESIDENTIAL*
1125 **MARVA BLOODWORTH**...*RESIDENTIAL*
1129 **BROC BANGLOY**...*RESIDENTIAL*
1133 **THEOLA MAXWELL**...*RESIDENTIAL*
1135 **HENRY ROSE**...*RESIDENTIAL*
1135 **S ROSE**...*RESIDENTIAL*
1143 **ERMA SANDERS**...*RESIDENTIAL*
1155 **VILLAGE AT GREENFIELD FAMILY**...*HUMAN SERVICES ORGANIZATIONS*
1302 **LACREAMY LACREAMY**...*RESIDENTIAL*
1304 **PAUL MORRIS**...*RESIDENTIAL*
1304 **SHERRELL MORRIS**...*RESIDENTIAL*
1304 **VELMA MORRIS**...*RESIDENTIAL*
1314 **MICHAEL HAWKINS**...*RESIDENTIAL*
1324 **SHANTAE GAUSE**...*RESIDENTIAL*
1401 **HOPE BAPT CHUR TO ALL NATIONS**...*CHURCHES*
1401 **JAMES JAMISON**...*NONCLASSIFIED ESTABLISHMENTS*
1404 **JAMES JONES**...*RESIDENTIAL*
1406 **TANESHA MOORE**...*RESIDENTIAL*
1507 **AT&T**...*TELEPHONE COMPANIES*
1507 **ATT**...*WIRED TELECOMMUNICATIONS CARRIERS*
1611 **BROWN, KATHLEEN J DDS**...*DENTISTS*
1650 **SOCIAL SERVICES DEPT**...*GOVERNMENT OFFICES-COUNTY*
1650 **SOCIAL SERVICES DEPT**...*SOCIAL SERVICE & WELFARE ORGANIZATIONS*

2016 S 13TH ST

SOURCE: DIGITAL BUSINESS DIRECTORY

1207 **QUEENSBORO INDUSTRIES**...*ALL OTHER MISCELLANEOUS MANUFACTURING*
1220 **BUCKSHOT INC**...*SPORTING GOODS-RETAIL*
1301 **COASTAL MILLWORK SUPPLY CO**...*MILLWORK (MFRS)*
1301 **COASTAL MILLWORK SUPPLY CO**...*OTHER MILLWORK (INCLUDING FLOORING)*
1412 **CARRIE CORLEY**...*RESIDENTIAL*
1420 **LASHAUN JOHNSON**...*RESIDENTIAL*
1501 **TERESA WILLIAMS**...*RESIDENTIAL*
1501 **TERRILL WILLIAMS**...*RESIDENTIAL*
1508 **CECILIA MOORE**...*RESIDENTIAL*
1508 **JESSIE MOORE**...*RESIDENTIAL*
1514 **IDELLA DAVIS**...*RESIDENTIAL*
1516 **STEPHEN MARSHBURN**...*RESIDENTIAL*
1530 **LATRESURE BELL**...*RESIDENTIAL*
1534 **ANNETTE MOORE**...*RESIDENTIAL*
1536 **KARON QUINCE**...*RESIDENTIAL*
1538 **TANGIE SWEPSON**...*RESIDENTIAL*
1538 **WHITNEY SWEPSON**...*RESIDENTIAL*
1540 **CASSANDERA THOMPSON**...*RESIDENTIAL*
1548 **MONTREE STEWART**...*RESIDENTIAL*
1552 **TOBY LEVETON**...*RESIDENTIAL*
1560 **KARLA SOSA**...*RESIDENTIAL*
1566 **LATASHA GEORGE**...*RESIDENTIAL*
1572 **IRVING GREENE**...*RESIDENTIAL*
1572 **SANDRA GREENE**...*RESIDENTIAL*
1580 **MICHELLE LAW**...*RESIDENTIAL*
1584 **HOWARD DICKEY JR**...*RESIDENTIAL*
1584 **KIMBERLY DICKEY**...*RESIDENTIAL*
1584 **MELISSA DICKEY**...*RESIDENTIAL*
1584 **SANDRA DICKEY**...*RESIDENTIAL*
1586 **KENDALL VAUGHT**...*RESIDENTIAL*
1586 **ROY SMITH**...*RESIDENTIAL*
1598 **MARY DAVIS**...*RESIDENTIAL*
1601 **HOUSTON MOORE TERRACE**...*GOVERNMENT OFFICES-US*
1624 **DORETHA JACOBS**...*RESIDENTIAL*
1628 **LAKESHIA WATSON**...*RESIDENTIAL*
1638 **JAMES BATTEN**...*RESIDENTIAL*
1644 **KAREN GERLITS**...*RESIDENTIAL*
1660 **ANNETTE DUNBAR**...*RESIDENTIAL*
1660 **DERRICK DUNBAR**...*RESIDENTIAL*
1660 **LYNDA DUNBAR**...*RESIDENTIAL*
1664 **VAUGHT VAUGHT**...*RESIDENTIAL*
1805 **NEW HANOVER COUNTY BOARD-EDU**...*SCHOOLS*

2016 S 15TH ST

SOURCE: DIGITAL BUSINESS DIRECTORY

1202 **SARAH KENDRICK**...*RESIDENTIAL*
1202 **SARAH RODERICK**...*RESIDENTIAL*
1213 **LEE'S GLASS SVC CO**...*GLASS-AUTO PLATE & WINDOW & ETC*
1230 **COASTAL MINI STORAGE**...*STORAGE-HOUSEHOLD & COMMERCIAL*
1230 **MO TOWN MINI MART**...*CONVENIENCE STORES*
1230 **NICHELLE SPICER**...*RESIDENTIAL*
1290 **HAULED OFF SALVAGE**...*BUSINESS SERVICES NEC*
1510 **JESSICA SANDERS**...*RESIDENTIAL*
1510 **NATASHA TROY**...*RESIDENTIAL*
1512 **DAINYA POLK**...*RESIDENTIAL*
1514 **CURRAY AUSTIN**...*RESIDENTIAL*
1514 **TERENCE AUSTIN**...*RESIDENTIAL*
1516 **JO STUKES**...*RESIDENTIAL*
1516 **LONELL DANIELS**...*RESIDENTIAL*
1516 **RITA DANIELS**...*RESIDENTIAL*
1602 **ALESSANDRA OLIVER**...*RESIDENTIAL*
1604 **WILLIAM AUSTIN**...*RESIDENTIAL*
1620 **KIMBERLY BELL**...*RESIDENTIAL*
1630 **AUGUSTA WHITAKER**...*RESIDENTIAL*
1636 **ERICA GREENE**...*RESIDENTIAL*
1636 **VIOLET HEWITT**...*RESIDENTIAL*
1802 **NEW HANOVER COUNTY SCHOOL SS**...*SCHOOLS*
1802 **VOCATIONAL REHABILITATION**...*REHABILITATION SERVICES*

2016 S 16TH ST

SOURCE: DIGITAL BUSINESS DIRECTORY

1302 **KIRBY CO**...*VACUUM CLEANERS-HOUSEHOLD-DEALERS*
1304 **KIRBY CO**...*VACUUM CLEANERS-HOUSEHOLD-DEALERS*
1312 **SEARISE**...*SPECIALTY HOSPITALS-EXCEPT PSYCHIATRIC*
1316 **LIFETIME RESOURCES INC**...*GROUP HOMES*
1320 **WELLMAN, GLENNA J**...*PSYCHOLOGISTS*
1375 **CAROLINA CHIROPRACTIC CTR**...*CLINICS*
1375 **CAROLINA CHIROPRACTIC CTR**...*CHIROPRACTORS DC*
1375 **SEASIDE WELLNESS CTR**...*OFFICES OF CHIROPRACTORS*
1375 **SEASIDE WELLNESS CTR**...*CHIROPRACTORS DC*
1390 **PORT HUMAN SVC**...*SUBSTANCE ABUSE CENTERS*
1390 **PORT HUMAN SVC**...*MENTAL HEALTH SERVICES*
1401 **ADVENTURE WORLD CHILD DEVMNT**...*CHILD CARE SERVICE*
1524 **HOUSING & ECONOMIC OPPRTNTS**...*HOUSING AUTHORITIES*
1524 **HOUSING & ECONOMIC OPPRTNTS**...*FEDERAL GOVERNMENT CONTRACTORS*
1524 **HOUSING AUTHORITY-WILMINGTON**...*FEDERAL GOVERNMENT CONTRACTORS*
1524 **HOUSING AUTHORITY-WILMINGTON**...*HOUSING AUTHORITIES*
1524 **SECTION 8 ADMINISTRATION**...*NONCLASSIFIED ESTABLISHMENTS*
1524 **WILMINGTON HOUSING AUTHORITY**...*HOUSING AUTHORITIES*
1709 **DART, MELANIE R PA**...*PHYSICIANS ASSISTANTS*
1709 **GAITHER, MICHAEL D DO**...*PHYSICIANS & SURGEONS*
1709 **MORRIS, CRYSTAL G NP**...*NURSES-PRACTITIONERS*
1709 **RUDYK, MARY K MD**...*PHYSICIANS & SURGEONS*
1709 **SENIOR HEALTH CTR**...*PHYSICIANS & SURGEONS*
1709 **WEISS, CARLA F NP**...*NURSES-PRACTITIONERS*
1777 **BURGESS III, H COLEMAN DDS**...*DENTISTS*
1800 **TREMAN & TREMAN**...*DENTISTS*
1801 **TREMAN & TREMAN FAMILY DENTAL**...*DENTISTS*
1801 **TREMAN & TREMAN PA**...*COSMETIC DENTISTRY*
1801 **TREMAN & TREMAN PA**...*DENTISTS*
1828 **HALL OF JEHOVAH'S KINGDOM**...*RELIGIOUS ORGANIZATIONS*
1828 **JEHOVAH'S WITNESSES**...*CHURCHES*
1901 **BURGER KING**...*FOODS-CARRY OUT*
1901 **BURGER KING**...*RESTAURANTS*
1919 **CAPE FEAR FOOT & ANKLE CTR**...*PODIATRISTS*
1928 **CAMERON CLINIC OF ORIENTAL MED**...*HOLISTIC PRACTITIONERS*
1928 **COOK, BRENDAN C**...*ACUPUNCTURE*
1932 **KEITH III, HARRISON L DDS**...*DENTISTS*
1960 **MEDICAL CENTER PHARMACY**...*PHARMACIES & DRUG STORES*
1960 **NEW HANOVER MEDICAL GROUP**...*PHYSICIANS & SURGEONS*
1984 **KASSENS, CATHERINE H MD**...*PHYSICIANS & SURGEONS*
1988 **BRASIC, DEBORAH M**...*NURSES-PRACTITIONERS*
1988 **COASTAL CAROLINA RADIATION ON**...*NURSES-PRACTITIONERS*
1988 **NEW HANOVER RADIATION ONCOLOGY**...*PHYSICIANS & SURGEONS*
1990 **VAN NYNATTEN, FRED MD**...*PHYSICIANS & SURGEONS*
1990 **WEIBLEY, SANDRA E PA**...*PHYSICIANS ASSISTANTS*
1990 **WILMINGTON PRIMARY CARE PA**...*PHYSICIANS & SURGEONS*
2006 **CYPRESS POINTE REHAB & HEALTH**...*REHABILITATION SERVICES*
2006 **GOFF, SHARON E**...*PHYSICAL THERAPISTS*
2018 **BRUMBAUGH MU & KING PA**...*ATTORNEYS*
2018 **KING JR, KENNETH W**...*ATTORNEYS*
2026 **MOMENTUM PT & WELLNESS**...*PHYSICAL THERAPISTS*
2026 **WILMINGTON ATHLETIC CLUB**...*CHILD CARE SERVICE*

2012 GREENFIELD ST

SOURCE: DIGITAL BUSINESS DIRECTORY

1022 **EVERYBODY'S SUPERMARKET**...*GROCERS-RETAIL*
1026 **BIG TOWN FASHION**...*CLOTHING-USED*
1042 **SPIROS BREAKFAST & LUNCH HOUSE**...*RESTAURANTS*
1044 **WORLD BEAUTY SUPPLY**...*COSMETICS & PERFUMES-RETAIL*
1137 **DOLORES PELLEGRINO**...*RESIDENTIAL*
1155 **VILLAGE AT GREENFIELD FAMILY**...*HUMAN SERVICES ORGANIZATIONS*
1314 **GERALDINE HAWKINS**...*RESIDENTIAL*
1314 **JULIUS HAWKINS**...*RESIDENTIAL*
1314 **MICHAEL HAWKINS**...*RESIDENTIAL*
1401 **HOPE BAPTIST MISSION**...*CHURCHES*
1507 **AT&T**...*TELEPHONE COMPANIES*
1611 **BRADLEY, LISE K DDS**...*DENTISTS*
1611 **BROWN, KATHLEEN J DDS**...*DENTISTS*
1611 **CLARK, JESSE DDS**...*DENTISTS*
1611 **DIAZ, MILAGROS DDS**...*DENTISTS*
1611 **HARRIS, MATTHEW J DDS**...*DENTISTS*
1611 **MATTHEW WIRICK & ASSOC**...*DENTISTS*
1611 **RAMOS, ALEX W DDS**...*DENTISTS*
1650 **SOCIAL SERVICES DEPT**...*GOVERNMENT OFFICES-COUNTY*

2012 S 13TH ST

SOURCE: DIGITAL BUSINESS DIRECTORY

1215	**F LESTER**	*RESIDENTIAL*
1220	**EQUALIZER INC**	*SPORTING GOODS-RETAIL*
1301	**COASTAL MILLWORK SUPPLY CO**	*MILLWORK (MFRS)*
1519	**HOUSTON MOORE RESIDENTIAL ORG**	*HOUSING ASSISTANCE*
1601	**HOUSING AUTHORITY-WILMINGTON**	*HOUSING AUTHORITIES*
1601	**HOUSTON MOORE TERRACE**	*GOVERNMENT OFFICES-US*
1805	**LAKESIDE SCHOOL**	*SCHOOLS*

2012 S 15TH ST

SOURCE: DIGITAL BUSINESS DIRECTORY

1202	**LUCAS TOWING & RECOVERY**	*WRECKER SERVICE*
1202	**SARAH RODERICK**	*RESIDENTIAL*
1213	**LEE'S GLASS SVC CO**	*GLASS-AUTO PLATE & WINDOW & ETC*
1230	**COASTAL MINI STORAGE**	*STORAGE-HOUSEHOLD & COMMERCIAL*
1230	**MO TOWN MINI MART**	*CONVENIENCE STORES*
1290	**HAULED OFF SALVAGE**	*BUSINESS SERVICES NEC*
1802	**VOCATIONAL REHABILITATION**	*REHABILITATION SERVICES*

72 total records. Part 1 of 2

1304 KIRBY CO...VACUUM CLEANERS-HOUSEHOLD-DEALERS
1306 NEW BEGINNINGS...BOUTIQUE ITEMS-RETAIL
1312 SEARISE...SPECIALTY HOSPITALS-EXCEPT PSYCHIATRIC
1320 LIFETIME RESOURCES INC...GROUP HOMES
1320 WELLMAN, GLENNA J...PSYCHOLOGISTS
1375 CAROLINA CHIROPRACTIC CTR...CLINICS
1390 HEATH, THERESA M...COUNSELORS-LICENSED PROFESSIONAL
1390 NEW VISIONS...MENTAL HEALTH SERVICES
1390 YOW, ELIZABETH N...COUNSELORS-LICENSED PROFESSIONAL
1401 ADVENTURE WORLD CHILD DEVMNT...CHILD CARE SERVICE
1524 GLOVER PLAZA INC...FEDERAL GOVERNMENT CONTRACTORS
1524 HOUSING & ECONOMIC OPPRTNTS...HOUSING AUTHORITIES
1524 WILMINGTON HOUSING AUTHORITY...HOUSING AUTHORITIES
1709 BROSNAN, SUZANNE M...NURSES-PRACTITIONERS
1709 CAVILEER, DENISE FOSS...NURSES-PRACTITIONERS
1709 CONSEY, MAGGIE J...NURSES-PRACTITIONERS
1709 CUTLER, STANLEY M MD...PHYSICIANS & SURGEONS
1709 GIDDENS, KATHRYN M...NURSES-PRACTITIONERS
1709 KIDD, LAURA R...PHYSICIANS ASSISTANTS
1709 LIEDERBACH, STEPHEN J MD...PHYSICIANS & SURGEONS
1709 RUDYK, MARY K MD...PHYSICIANS & SURGEONS
1709 SENIOR HEALTH CTR...PHYSICIANS & SURGEONS
1709 STEELE, WILLIAM A...PHYSICIANS ASSISTANTS
1777 BURGESS III, H COLEMAN DDS...DENTISTS
1801 TREMAN & TREMAN FAMILY DENTAL...DENTISTS
1801 TREMAN & TREMAN PA...COSMETIC DENTISTRY
1801 TREMAN, MICHAEL DDS...DENTISTS
1801 TREMAN, STEVEN DDS...DENTISTS
1801 TREMAN, STEVEN J DDS...DENTISTS
1828 JEHOVAH'S WITNESSES CAPE FEAR...CHURCHES
1901 BURGER KING...RESTAURANTS
1919 CAPE FEAR FOOT & ANKLE CTR...PODIATRISTS
1928 CAMERON CLINIC OF ORIENTAL MED...ACUPUNCTURE
1932 BEVERAGE, DEBBI...DENTAL HYGIENISTS
1932 H KEITH...RESIDENTIAL
1932 KEITH III, H LON DDS...DENTISTS
1932 KEITH, HARRISON DDS...DENTISTS
1932 LONGO, BARBARA...DENTAL HYGIENISTS
1960 CARTER, DEBORAH A MD...PHYSICIANS & SURGEONS
1960 CARTER, DEBORAH S MD...PHYSICIANS & SURGEONS
1960 CORBETT, JOHN MD...PHYSICIANS & SURGEONS
1960 KORNEGAY, J TODD MD...PHYSICIANS & SURGEONS
1960 LEWIS JR, CLIFFORD T MD...PHYSICIANS & SURGEONS
1960 NEW HANOVER MEDICAL GROUP...CLINICS
1960 REZAC, DARCY J...PHYSICIANS ASSISTANTS
1960 WARD, ELIZABETH C...PHYSICIANS ASSISTANTS
1984 KASSENS JR, WILLIAM D MD...PHYSICIANS & SURGEONS
1984 KASSENS, CATHERINE H MD...PHYSICIANS & SURGEONS
1984 WILLIAM D KASSENS JR PA...PHYSICIANS & SURGEONS
1988 ALI, MOINUDDIN M MD...PHYSICIANS & SURGEONS
1988 BRASIC, DEBORAH M...NURSES-PRACTITIONERS
1988 COASTAL CAROLINA RADIATION ON...PHYSICIANS & SURGEONS
1988 MAGUIRE, PATRICK D MD...PHYSICIANS & SURGEONS
1988 MEYERSON, MARTIN MD...PHYSICIANS & SURGEONS
1988 NEAL, CHARLES R MD...PHYSICIANS & SURGEONS
1988 PAPAGIKOS, MICHAEL MD...PHYSICIANS & SURGEONS
1988 RUSTHOVEN, KYLE E MD...PHYSICIANS & SURGEONS
1990 FRED VANNYNATTEN...RESIDENTIAL
1990 VAN NYNATTEN, FRED MD...PHYSICIANS & SURGEONS
1990 WEIBLEY, SANDRA E...PHYSICIANS ASSISTANTS
1990 WILMINGTON PRIMARY CARE PA...PHYSICIANS & SURGEONS
2006 CYPRESS POINTE REHAB & HEALTH...REHABILITATION SERVICES
2006 GOFF, SHARON E...PHYSICAL THERAPISTS
2018 BAILEY III, FREDERICK H...ATTORNEYS
2018 BALDWIN, C MARK...ATTORNEYS
2018 BMK LAW...ATTORNEYS
2018 BRUMBAUGH, CLAY A...ATTORNEYS
2018 KING JR, KENNETH W...ATTORNEYS

2012 S 16TH ST
SOURCE: DIGITAL BUSINESS DIRECTORY

Part 2 of 2

2018 VANDIVIER, ANGELA...ATTORNEYS
2018 WRAY, NICOLE D...ATTORNEYS
2026 THIN & HEALTHY...WEIGHT CONTROL SERVICES

2008 GREENFIELD ST

SOURCE: DIGITAL BUSINESS DIRECTORY

1022 **EVERYBODYS SUPERMARKET**...*GROCERS-RETAIL*
1026 **ALL ABOUT FASHION**...*CLOTHING-RETAIL*
1026 **FRANKIES**...*CLOTHING-RETAIL*
1036 **GREENFIELD STREET BARBER SHOP**...*BARBERS*
1042 **SPIROS BREAKFAST & LUNCH HOUSE**...*RESTAURANTS*
1044 **WORLD BEAUTY SUPPLY**...*BEAUTY SHOP*
1302 **BEVLAH M SCOTT**...*RESIDENTIAL*
1304 **RODNEY PAIGE**...*RESIDENTIAL*
1306 **TERESA EDGE**...*RESIDENTIAL*
1312 **WANDA MELVIN**...*RESIDENTIAL*
1314 **RETANNA TYSON**...*RESIDENTIAL*
1316 **BARBARA VAUGHN**...*RESIDENTIAL*
1318 **SHANRIKA L FLOOD**...*RESIDENTIAL*
1318 **TAMMY LAMB**...*RESIDENTIAL*
1320 **DENISE DUGAR**...*RESIDENTIAL*
1324 **T L SCOTT**...*RESIDENTIAL*
1401 **HOPE BAPTIST MISSION**...*RELIGIOUS ORGANIZATION*
1402 **SHEREA COOK**...*RESIDENTIAL*
1414 **TAMMY HARTS**...*RESIDENTIAL*
1416 **AYANDA HOLLAND**...*RESIDENTIAL*
1418 **CONNELL VAUGHN**...*RESIDENTIAL*
1422 **ROBIN KATO**...*RESIDENTIAL*
1422 **ROBIN T KATO**...*RESIDENTIAL*
1424 **T GREEN**...*RESIDENTIAL*
1507 **DORIS T EDENS**...*RESIDENTIAL*
1610 **LARRA FLOYD**...*RESIDENTIAL*
1610 **MAGALINE FLOYD**...*RESIDENTIAL*
1611 **WIRICK & ASSOC**...*DENTISTS*
1650 **NEW HANOVER COUNTY OF**...*SOCIAL SERVICES INDIVIDUAL/FAMILY SERVICES*
1650 **SOCIAL SERVICES DEPT**...*GOVERNMENT OFFICES-COUNTY*

2008 S 13TH ST

SOURCE: DIGITAL BUSINESS DIRECTORY

1207 **SCENIC ASYLUM**...*THEATRICAL EQUIPMENT & SUPPLIES*
1220 **BUCKSHOT INC**...*SPORTING GOODS-RETAIL*
1220 **EQUALIZER INC**...*SPORTING GOODS-RETAIL*
1301 **COASTAL MILLWORK SUPPLY CO**...*MILLWORK (MANUFACTURERS)*
1501 **TERESA WILLIAMS**...*RESIDENTIAL*
1503 **MARA SIMON**...*RESIDENTIAL*
1507 **ROSETTA CAMPBELL**...*RESIDENTIAL*
1509 **ANTHONY STOKES**...*RESIDENTIAL*
1511 **KATRINA ALLEN**...*RESIDENTIAL*
1517 **ALMA JACKSON**...*RESIDENTIAL*
1601 **HOUSING AUTHORITY-WILMINGTON**...*HOUSING AUTHORITIES*
1601 **HOUSTON MOORE TERRACE**...*GOVERNMENT OFFICES-US*
1601 **YWCA**...*CIVIC/SOCIAL ASSOCIATION*
1805 **LAKESIDE HIGH SCHOOL**...*SCHOOLS*
1805 **LAKESIDE SCHOOL**...*ELEMENTARY SCHOOL*

1202 **SARAH KENDRICK**...*RESIDENTIAL*
1213 **LEES GLASS SVC CO**...*GLASS-AUTO PLATE & WINDOW & ETC*
1230 **ALL GOOD DETAIL**...*CARWASH*
1230 **COASTAL MINI STORAGE**...*GENERAL WAREHOUSE/STORAGE*
1230 **WILMINGTON MEDICAL SUPPLY**...*PHYSICIANS & SURGEONS EQUIP & SUPLS-WHOL*
1502 **LILLIE POWELL**...*RESIDENTIAL*
1506 **C Z BLACK**...*RESIDENTIAL*
1506 **ELSA NIXON**...*RESIDENTIAL*
1510 **NATASHA TROY**...*RESIDENTIAL*
1514 **SHELIA ALLEN**...*RESIDENTIAL*
1518 **LATANYA D ALLEN**...*RESIDENTIAL*
1602 **RAQUEL JAMES**...*RESIDENTIAL*
1606 **VERONICA COKER**...*RESIDENTIAL*
1610 **CYNTHIA WAINWRIGHT**...*RESIDENTIAL*
1614 **SHQUAWNNA FRASER**...*RESIDENTIAL*
1616 **MELVIN & JACKIE STANLEY**...*RESIDENTIAL*
1618 **JANET HOLT**...*RESIDENTIAL*
1622 **O WATERS**...*RESIDENTIAL*
1628 **ANGELA MURRY**...*RESIDENTIAL*
1634 **MINNIE PITTMAN**...*RESIDENTIAL*
1636 **ROSE HILL**...*RESIDENTIAL*
1802 **ATHLETICS**...*SCHOOL DISTRICT*
1802 **NEW HANOVER COUNTY BOARD OF ED**...*SCHOOLS*
1802 **NEW HANOVER COUNTY SCHOOL SYS**...*STAFF DEVELOPMENT AND TRAINING COMMUNITY SCHOOLS AGENTA*
1802 **VOCATIONAL REHABILITATION CTR**...*RESIDENTIAL CARE SERVICES LEGAL SERVICES OFFICE*

122 total records. Part 1 of 2

1302 **AMERI CARE**...*HOME HEALTH SERVICE*
1302 **AMERICARE**...*SKILLED NURSING CARE FACILITY*
1304 **BIGG BO PRODUCTION & DA CAVE**...*RECORDING STUDIOS*
1304 **TYCO ELECTRONICS CORPORATION**...*BUSINESS SERVICES, NEC, NSK*
1306 **SPRING DENTAL LAB**...*DENTAL LABORATORY*
1312 **SEARISE**...*SPECIALTY HOSPITAL*
1312 **SEARISE**...*RESIDENTIAL*
1314 **EAST COAST SOLUTIONS**...*SOCIAL SERVICE & WELFARE ORGANIZATIONS*
1316 **DEAF SERVICES**...*GOVERNMENT OFFICES-STATE*
1316 **WILMINGTON RGONAL RESOURCE CTR**...*REGIONAL RESOURCE CENTER*
1320 **HEALTH & HUMAN SVCS NC DEPT**...*BUSINESS CONSULTING SERVICES ADMINISTRATIVE PUBLIC HEAL*
1320 **LIFETIME RESOURCES INC**...*GROUP HOMES*
1320 **TEACCH CENTER**...*SCHOOLS WITH SPECIAL ACADEMIC EDUCATION*
1375 **A R VANNOTE**...*RESIDENTIAL*
1375 **CAROLINA CHIROPRACTIC CTR**...*CHIROPRACTORS DC*
1375 **VANNOTE A ROBERT DR**...*CHIROPRACTOR'S OFFICE*
1390 **NEW VISIONS**...*MENTAL HEALTH SERVICES*
1401 **ADVENTURE WORLD CHILD DEV CTR**...*CHILD CARE SERVICE*
1401 **ADVENTURE WORLD CHILD DEVMNT**...*CHILD CARE SERVICE*
1401 **ADVENTURE WORLD INC**...*CHILD DAY CARE SVCS*
1524 **HOUSING & ECONOMIC OPPRTNTS**...*HOUSING AUTHORITIES*
1524 **HOUSING AUTHORITY - WILMINGTON**...*HOUSING AUTHORITIES*
1528 **SOCIAL SECURITY ADMINISTRATION**...*LABOR ORGANIZATION*
1528 **US SOCIAL SECURITY ADM**...*FEDERAL GOVERNMENT-SOCIAL & HUMAN RSRCS*
1709 **ALAN MD TAMADON**...*RESIDENTIAL*
1709 **AZALEA CAST INTRNAL MDICINE PA**...*MEDICAL DOCTOR'S OFFICE*
1709 **BERNARD MD GOTTSCHALK**...*RESIDENTIAL*
1709 **COASTAL CRLINA HLTHCARE RSRCES**...*MEDICAL DOCTOR'S OFFICE*
1709 **PRO ACTIVE THERAPY INC**...*PHYSICAL THERAPISTS*
1709 **R H MD TEMPLE**...*RESIDENTIAL*
1709 **REHABILITATION MEDICINE SVC**...*PHYSICIANS & SURGEONS*
1709 **SENIOR HEALTH CTR**...*PHYSICIANS & SURGEONS*
1777 **BURGESS H COLEMAN III**...*DENTIST'S OFFICE*
1777 **H COLEMAN BURGESS III DDS**...*DENTISTS*
1801 **MICHAEL C DDS TREMAN**...*RESIDENTIAL*
1801 **STEVE DDS TREMAN**...*RESIDENTIAL*
1801 **TREMAN & TREMAN DDS PA**...*DENTIST'S OFFICE*
1801 **TREMAN & TREMAN PA**...*DENTISTS*
1828 **JEHOVAHS WITNESSES CAPE FEAR**...*CHURCHES*
1915 **ROBERT MD HUTCHINS**...*RESIDENTIAL*
1919 **CAPE FEAR FOOT CTR**...*PODIATRISTS*
1919 **CHRISTOPHER C DPM YOUNG**...*RESIDENTIAL*
1919 **GREGORY G DPM YOUNG**...*RESIDENTIAL*
1919 **KC FOOT CENTER**...*PODIATRIST'S OFFICE*
1919 **YOUNG CHRISTOPHER C DPM**...*PODIATRIST'S OFFICE*
1920 **CHILDRENS CLINIC**...*PHYSICIANS & SURGEONS*
1920 **CLINIC THE CHILDRENS INC**...*PEDIATRICIAN*
1920 **DIANA RN NILSON-TAYLOR**...*RESIDENTIAL*
1920 **GELA N RN HUNTER**...*RESIDENTIAL*
1920 **TRAVIS C MD HONEYCUTT**...*RESIDENTIAL*
1924 **OCEAN HOUSE MENTAL HEALTH ASSN**...*ASSOCIATIONS*
1928 **CAMERON CLINIC OF CHINESE MED**...*ACUPUNCTURE*
1928 **CAMERON CLNIC CHINESE MEDICINE**...*MEDICAL DOCTOR'S OFFICE*
1928 **LLOYD E MD ROBERTS**...*RESIDENTIAL*
1928 **SUSAN BEAM**...*MASSAGE THERAPISTS*
1932 **H L KEITH DDS**...*DENTIST'S OFFICE*
1932 **H LON KEITH III DDS**...*DENTISTS*
1960 **NEW HANOVER HEALTH NETWORK**...*PHYSICIANS' OFFICE-INTERNAL MEDICINE AND FAMILY PRACTIC*
1960 **NEW HANOVER MEDICAL GROUP**...*PHYSICIANS & SURGEONS*
1984 **CATHERINE H KASSENS MD**...*PHYSICIANS & SURGEONS*
1984 **CATHERINE H MD KASSENS**...*RESIDENTIAL*
1984 **DR KASSENS OFFICE**...*MEDICAL DOCTOR'S OFFICE*
1984 **KASSENS WILLIAM D JR MD PA**...*PHYSICIANS OFFICE*
1984 **WILLIAM D JR MD KASSENS**...*RESIDENTIAL*
1984 **WILLIAM D KASSENS JR MD**...*PHYSICIANS & SURGEONS*
1988 **CHARLES R MD NEAL**...*RESIDENTIAL*

2008 S 16TH ST

SOURCE: DIGITAL BUSINESS DIRECTORY

Part 2 of 2

1988 **NEW HANOVER RADIATION ONCOLOGY**...*PHYSICIANS & SURGEONS*
1988 **PATRICK D MD MAGUIRE**...*RESIDENTIAL*
1990 **FRED MD VAN NYNATTEN**...*RESIDENTIAL*
1990 **JAMES A MAUTSBY MD**...*MEDICAL DOCTOR'S OFFICE*
1990 **JAMES A MD MAULTSBY**...*RESIDENTIAL*
1990 **VAN NYNATTEN FRED MD**...*MEDICAL DOCTOR'S OFFICE*
1990 **WILMINGTON PRIMARY CARE**...*PHYSICIANS & SURGEONS*
2006 **ANNIE BONEY**...*RESIDENTIAL*
2006 **ANNIE MCMILLIAN**...*RESIDENTIAL*
2006 **CARRIE MONROE**...*RESIDENTIAL*
2006 **CATHERINE STARKE**...*RESIDENTIAL*
2006 **CYPRESS POINT NURSING HOME**...*MEDICAL DOCTOR'S OFFICE*
2006 **CYPRESS POINTE REHAB & HEALTH**...*NURSING & CONVALESCENT HOMES*
2006 **CYPRESS PTE REHAB/HEALTH CNTR**...*SKILLED NURSING HOME*
2006 **D S SMITH**...*RESIDENTIAL*
2006 **DUANE CLEVENGER**...*RESIDENTIAL*
2006 **EDWARD LATHAM**...*RESIDENTIAL*
2006 **EDWARD MALLORY**...*RESIDENTIAL*
2006 **ETHEL BAREFOOT**...*RESIDENTIAL*
2006 **ETTA FULTON**...*RESIDENTIAL*
2006 **EULA M BOWEN**...*RESIDENTIAL*
2006 **GEORGE LYALL**...*RESIDENTIAL*
2006 **GLADYS MASON**...*RESIDENTIAL*
2006 **J H ADAMEE**...*RESIDENTIAL*
2006 **JAMES D JOHNSON**...*RESIDENTIAL*
2006 **JAMES WYNNE**...*RESIDENTIAL*
2006 **JENNIE SAVAGE**...*RESIDENTIAL*
2006 **JOAN BRYAN**...*RESIDENTIAL*
2006 **JOANNA BOWDEN**...*RESIDENTIAL*
2006 **JOHN A JR YOPP**...*RESIDENTIAL*
2006 **JOHN FLOYD**...*RESIDENTIAL*
2006 **JOHN HENRY**...*RESIDENTIAL*
2006 **JOSEPH TWARDY**...*RESIDENTIAL*
2006 **JOSEY LOVETT**...*RESIDENTIAL*
2006 **KATIE MINTZ**...*RESIDENTIAL*
2006 **KINGSLEY SCHRAGE**...*RESIDENTIAL*
2006 **M L CRUMPLER**...*RESIDENTIAL*
2006 **MARGARET MCNEIL**...*RESIDENTIAL*
2006 **MARY B SHEATS**...*RESIDENTIAL*
2006 **MARY F WOOD**...*RESIDENTIAL*
2006 **NORMA A PADRICK**...*RESIDENTIAL*
2006 **POLLY YEAGER**...*RESIDENTIAL*
2006 **R DENISON**...*RESIDENTIAL*
2006 **R L KINLAW**...*RESIDENTIAL*
2006 **RALSTON GRUND**...*RESIDENTIAL*
2006 **S SMITH**...*RESIDENTIAL*
2006 **TERRY NORWOOD**...*RESIDENTIAL*
2006 **THEODORE GALINSKI**...*RESIDENTIAL*
2006 **TRACEY JONES**...*RESIDENTIAL*
2018 **BRUMBAUGH CLAY A**...*ATTORNEY*
2018 **BRUMBAUGH MU & KING PA**...*ATTORNEYS*
2018 **CLAY A ATTY BRUMBAUGH**...*RESIDENTIAL*
2018 **KENNETH W JR ATTY KING**...*RESIDENTIAL*
2018 **LEAH L ATTY KING**...*RESIDENTIAL*
2026 **WILMINGTON ATHLETIC CLUB**...*HEALTH CLUBS STUDIOS & GYMNASIUMS*

2003 GREENFIELD ST

SOURCE: DIGITAL BUSINESS DIRECTORY

1015 **VILLAGE AT GREENFIELD**
1022 **EVERYBODY'S SUPERMARKET**
1026 **ALL ABOUT FASHION**
1026 **BOBBY'S CLOTHING**
1034 **CITY FASHION**
1036 **GREENFIELD STREET BARBER SHOP**
1042 **SPIROS BREAKFAST & LUNCH HOUSE**...*STEAK AND BARBECUE RESTAURANTS*
1044 **WORLD BEAUTY SUPPLY**
1155 **VILLAGE AT GREENFIELD FAMILY**
1302 **BEULAH SCOTT**...*RESIDENTIAL*
1306 **KEISHA R HOLMES**...*RESIDENTIAL*
1308 **R SMITH**...*RESIDENTIAL*
1310 **SHAWNA FAYE WILSON**...*RESIDENTIAL*
1316 **CYNTHIA COKER**...*RESIDENTIAL*
1318 **LA MONICA TOSTER**...*RESIDENTIAL*
1401 **HOPE BAPTIST MISSION**
1418 **CANDY HARVIN**...*RESIDENTIAL*
1507 **DORIS TELEPH EDENS**...*RESIDENTIAL*
1611 **ALFORD MARIJA P DDS**...*SPECIALIZED DENTAL PRACTITIONERS*
1611 **BELISLE WHITNEY L DDS**...*SPECIALIZED DENTAL PRACTITIONERS*
1611 **COBLE VALERIE E DDS**...*SPECIALIZED DENTAL PRACTITIONERS*
1611 **COMMUNITY DENTAL CARE**...*SPECIALIZED DENTAL PRACTITIONERS*
1611 **DEVITO BRANDON E DDS**...*SPECIALIZED DENTAL PRACTITIONERS*
1611 **MC RANIE CORIE M DDS**...*SPECIALIZED DENTAL PRACTITIONERS*
1611 **WIRICK & ASSOC**...*SPECIALIZED DENTAL PRACTITIONERS*
1650 **SOCIAL SERVICES DEPT**

2003 S 13TH ST

SOURCE: DIGITAL BUSINESS DIRECTORY

1207 **SCENIC ASYLUM**
1220 **BUCKSHOT INC**
1220 **EQUALIZER INC**
1301 **COASTAL MILLWORK SUPPLY CO**...*WINDOWS AND WINDOW PARTS AND TRIM, WOOD*
1313 **U-HAUL CO**
1507 **S HOBBS**...*RESIDENTIAL*
1511 **MELANIE PERTELLE**...*RESIDENTIAL*
1515 **B C BALDWIN**...*RESIDENTIAL*
1519 **DORIS PETERS**...*RESIDENTIAL*
1601 **HOUSING AUTHORITY-WILMINGTON**
1601 **HOUSTON MOORE TERRACE**...*LEGISLATIVE BODIES, NATIONAL*
1601 **YWCA**
1805 **LAKESIDE HIGH SCHOOL**...*PUBLIC ELEMENTARY AND SECONDARY SCHOOLS*

2003 S 15TH ST

SOURCE: DIGITAL BUSINESS DIRECTORY

1202 **MARION LEE RODERICK**...*RESIDENTIAL*
1213 **LEE'S GLASS SVC CO**
1230 **ALL GOOD DETAIL**
1230 **CAPE FEAR MINI-MAXI SELF STGE**
1230 **COASTAL MINI STORAGE**
1230 **KWIC-N-EASY**
1230 **MO TOWN MINI MART**
1230 **WILMINGTON MEDICAL SUPPLY**
1290 **KNITTING CLUBHOUSE KNITS TARHEEL**...*RESIDENTIAL*
1290 **SPECIALTY SYSTEMS PLUS EAST**
1502 **CELESTINE MCCULLOUGH**...*RESIDENTIAL*
1504 **TUESDAY SEABROOK**...*RESIDENTIAL*
1506 **C Z BLACK**...*RESIDENTIAL*
1506 **ELSA NIXON**...*RESIDENTIAL*
1506 **ZCHIAVGO BLACK**...*RESIDENTIAL*
1508 **JERELYN W DEREEF**...*RESIDENTIAL*
1514 **SHELIA ALLEN**...*RESIDENTIAL*
1516 **K JAMES**...*RESIDENTIAL*
1602 **B F STOKES**...*RESIDENTIAL*
1606 **VERONICA COKER**...*RESIDENTIAL*
1610 **SUNDAY BRIGGS**...*RESIDENTIAL*
1616 **SYLVIA COLBERT**...*RESIDENTIAL*
1620 **JOHNNIE MAE JACOBS**...*RESIDENTIAL*
1622 **ANITA CHERYL DUKES**...*RESIDENTIAL*
1628 **ANGELA MURRY**...*RESIDENTIAL*
1632 **JACQUELINE WILLIAMS**...*RESIDENTIAL*
1634 **CANITA GREGG**...*RESIDENTIAL*
1802 **NEW HANOVER COUNTY BOARD OF ED**...*PUBLIC ELEMENTARY AND SECONDARY SCHOOLS*
1802 **VOCATIONAL REHABILITATION SCHL**

109 total records. Part 1 of 2

1302 AMERI CARE
1304 BIGG BO PRODUCTION & DA CAVE
1304 CHOICE GIFTS WITH A PERSONAL
1306 SPRING DENTAL LAB
1308 EAST COAST RESEARCH
1310 EKKLESIA UNITED HOLY CHURCH
1312 SEARISE...COMMUNITY DEVELOPMENT GROUPS
1314 EAST COAST SOLUTIONS
1314 FIRST SOUTH UTILITY & CONST
1316 DEAF SERVICES...LEGISLATIVE BODIES, STATE AND LOCAL
1320 TEACCH CENTER
1375 CAROLINA CHIROPRACTIC CTR...PSYCHIATRISTS AND PSYCHOANALYSTS
1375 JOHNSON KEVIN M DC
1390 ALUMNI SENCLAND...RESIDENTIAL
1390 NEW VISIONS
1401 ADVENTURE WORLD CHILD DEV CTR
1401 ADVENTURE WORLD CHILD DEVMNT
1524 HOUSING AUTHORITY-WILMINGTON
1524 TAFT TAFT & HAIGLER
1524 WILMINGTON HOUSING AUTHORITY
1528 US SOCIAL SECURITY ADM...INCOME MAINTENANCE PROGRAMS
1528 US SOCIAL SECURITY ADMIN...INCOME MAINTENANCE PROGRAMS
1709 AZAD HEMA MD...INTERNAL MEDICINE PRACTITIONERS
1709 AZALEA COAST INTERNAL MEDICINE...INTERNAL MEDICINE PRACTITIONERS
1709 NEW HANOVER REGIONAL MEDICAL...INTERNAL MEDICINE PRACTITIONERS
1709 PRO ACTIVE THERAPY INC
1709 REHABILITATION MEDICINE SVC...INTERNAL MEDICINE PRACTITIONERS
1709 RUDYK MARY K MD...INTERNAL MEDICINE PRACTITIONERS
1709 SENIOR HEALTH CTR...INTERNAL MEDICINE PRACTITIONERS
1709 TAMADON ALAN MD...INTERNAL MEDICINE PRACTITIONERS
1709 TEMPLE R HENRY MD...INTERNAL MEDICINE PRACTITIONERS
1777 BURGESS III H COLEMAN DDS...SPECIALIZED DENTAL PRACTITIONERS
1801 TREMAN & TREMAN...SPECIALIZED DENTAL PRACTITIONERS
1801 TREMAN & TREMAN PA...SPECIALIZED DENTAL PRACTITIONERS
1801 TREMAN MICHAEL DDS...SPECIALIZED DENTAL PRACTITIONERS
1801 TREMAN STEVEN DDS...SPECIALIZED DENTAL PRACTITIONERS
1828 JEHOVAH'S WITNESSES CAPE FEAR
1901 BURGER KING...STEAK AND BARBECUE RESTAURANTS
1915 HUTCHINS ROBERT H MD...INTERNAL MEDICINE PRACTITIONERS
1919 CAPE FEAR FOOT CTR
1919 NEW HANOVER REGIONAL MEDICAL...PSYCHIATRISTS AND PSYCHOANALYSTS
1919 YOUNG CHRISTOPHER DPM
1920 AMIN RAAJ R MD...INTERNAL MEDICINE PRACTITIONERS
1920 ARCHER JR NOAH R MD...INTERNAL MEDICINE PRACTITIONERS
1920 AYLESWORTH SUSANNAH C MD...INTERNAL MEDICINE PRACTITIONERS
1920 CHILDREN'S CLINIC...INTERNAL MEDICINE PRACTITIONERS
1920 CHILDREN'S PHARMACY
1920 COLEMAN GORDON D MD...INTERNAL MEDICINE PRACTITIONERS
1920 FIELDS JASON B MD...INTERNAL MEDICINE PRACTITIONERS
1920 GRIFFIN ELIZABETH J MD...INTERNAL MEDICINE PRACTITIONERS
1920 HAWTHORNE HENRY C MD...INTERNAL MEDICINE PRACTITIONERS
1920 MORGAN H GRADY MD...INTERNAL MEDICINE PRACTITIONERS
1920 MORGAN JR HERMAN G MD...INTERNAL MEDICINE PRACTITIONERS
1920 OTT H GRADY MD...INTERNAL MEDICINE PRACTITIONERS
1920 WILMINGTON HEALTH ASSOC...INTERNAL MEDICINE PRACTITIONERS
1924 OCEAN HOUSE MENTAL HEALTH ASSN
1928 CAMERON CLINIC OF ORIENTAL MED
1932 KEITH III H LON DDS...SPECIALIZED DENTAL PRACTITIONERS
1932 KEITH JR H L DDS...SPECIALIZED DENTAL PRACTITIONERS
1960 BRIDGER III DEWEY H MD...INTERNAL MEDICINE PRACTITIONERS
1960 CARTER DEBORAH S MD...INTERNAL MEDICINE PRACTITIONERS
1960 LEWIS JR CLIFFORD T MD...INTERNAL MEDICINE PRACTITIONERS
1960 MEDICAL CENTER PHARMACY
1960 NEW HANOVER MEDICAL GROUP...INTERNAL MEDICINE PRACTITIONERS

2003 S 16TH ST
SOURCE: DIGITAL BUSINESS DIRECTORY

Part 2 of 2

1960 WERTHEIMER THOMAS A MD...INTERNAL MEDICINE PRACTITIONERS
1984 KASSENS CATHERINE H MD...INTERNAL MEDICINE PRACTITIONERS
1984 KASSENS JR WILLIAM D MD...INTERNAL MEDICINE PRACTITIONERS
1988 MAGUIRE PATRICK D MD...INTERNAL MEDICINE PRACTITIONERS
1988 MEYERSON MARTIN MD...INTERNAL MEDICINE PRACTITIONERS
1988 NEAL CHARLES R MD...INTERNAL MEDICINE PRACTITIONERS
1988 NEW HANOVER RADIATION ONCOLOGY...INTERNAL MEDICINE PRACTITIONERS
1990 CHENEY PAUL MD...INTERNAL MEDICINE PRACTITIONERS
1990 MAULTSBY JAMES A MD...INTERNAL MEDICINE PRACTITIONERS
1990 VAN NYNATTEN FRED MD...INTERNAL MEDICINE PRACTITIONERS
1990 WILMINGTON PRIMARY CARE...INTERNAL MEDICINE PRACTITIONERS
2006 A RIVERA...RESIDENTIAL
2006 ADELE MAREADY...RESIDENTIAL
2006 BONNIE CUTTING...RESIDENTIAL
2006 CARRIE EDWARDS...RESIDENTIAL
2006 CHARLOTTE SPIVEY...RESIDENTIAL
2006 CYPRESS POINTE REHAB & HEALTH
2006 DANIEL SR LEWIS...RESIDENTIAL
2006 FLORENCE BEDNARC...RESIDENTIAL
2006 FRANCIS YOPP...RESIDENTIAL
2006 GALDYS AMSBARY...RESIDENTIAL
2006 HELEN LEMMONS...RESIDENTIAL
2006 I M LEWIS...RESIDENTIAL
2006 LORANE OBRIEN...RESIDENTIAL
2006 M JORDAN...RESIDENTIAL
2006 M MARTIN...RESIDENTIAL
2006 MARY HARERIS...RESIDENTIAL
2006 R C SHACKELFORD...RESIDENTIAL
2006 ROBERT WINNICK...RESIDENTIAL
2006 VALLEE G SEBASTIAN...RESIDENTIAL
2006 WINSOR NIELSEN...RESIDENTIAL
2018 ACCIDENT & INJURY LAW CTR
2018 BALDWIN C MARK ATTY
2018 BENNINGTON MAGGIE S ATTY
2018 BRUMBAUGH CLAY A ATTY
2018 BRUMBAUGH MU & KING
2018 BRUMBAUGH MU & KING PA
2018 KING JR KENNETH W ATTY
2018 KING LEAH L ATTY
2018 MU RICHARD A ATTY
2018 VANDIVIER ANGELA ATTY
2018 WRAY NICOLE D ATTY
2026 BODY THERAPY CENTRE
2026 WILMINGTON ATHLETIC CLUB...PHYSICAL FITNESS CLUBS WITH TRAINING EQUIPMENT

2000 GREENFIELD ST

SOURCE: DIGITAL BUSINESS DIRECTORY

1022 **EVERYBODY'S SUPERMARKET**
1026 **LOVE CENTER THE CHURCH INC**
1034 **CASH DEPOT**
1036 **GREENFIELD STREET BARBER SHOP**
1042 **SPIROS BREAKFAST & LUNCH HOUSE**...*STEAK AND BARBECUE RESTAURANTS*
1044 **WORLD BEAUTY SUPPLY**
1046 **DOLLAR HEAVEN**
1306 **KEISHA R HOLMES**...*RESIDENTIAL*
1310 **SHAWNA FAYE WILSON**...*RESIDENTIAL*
1314 **MARIE MURPHY**...*RESIDENTIAL*
1316 **CYNTHIA COKER**...*RESIDENTIAL*
1318 **LA MONICA TOSTER**...*RESIDENTIAL*
1320 **SHANETTA V RUCKER**...*RESIDENTIAL*
1401 **HOPE BAPTIST MISSION**
1406 **RIAHONN ROSE**...*RESIDENTIAL*
1507 **DORIS TELEPH EDENS**...*RESIDENTIAL*
1650 **SOCIAL SERVICES DEPT**

2000 S 13TH ST

SOURCE: DIGITAL BUSINESS DIRECTORY

1313 **CAPE FEAR MINI-MAXI SELF STORE**
1313 **U-HAUL CO**
1505 **ROSE ANN TERRY**...*RESIDENTIAL*
1507 **S HOBBS**...*RESIDENTIAL*
1509 **PEARL LAWSON**...*RESIDENTIAL*
1511 **MELANIE PERTELLE**...*RESIDENTIAL*
1513 **ANTHONY OLIVER**...*RESIDENTIAL*
1515 **GAIL B BARNETT**...*RESIDENTIAL*
1519 **HOUSTON MLOORE OPPORTUNITY CTR**
1601 **HOUSTON MOORE TERRACE**...*LEGISLATIVE BODIES, NATIONAL*
1601 **MOORE TERRACE HOUSTON**...*RESIDENTIAL*
1601 **YWCA**
1805 **LAKESIDE HIGH SCHOOL**...*PUBLIC ELEMENTARY AND SECONDARY SCHOOLS*

2000 S 15TH ST

SOURCE: DIGITAL BUSINESS DIRECTORY

1202 **MARION LEE RODERICK**...*RESIDENTIAL*
1213 **LEE'S GLASS SVC CO**
1290 **CARSWELL BUSINESS SYSTEMS**
1502 **CELESTINE MCCULLOUGH**...*RESIDENTIAL*
1506 **C Z BLACK**...*RESIDENTIAL*
1506 **ELSA NIXON**...*RESIDENTIAL*
1506 **ZCHIAVGO BLACK**...*RESIDENTIAL*
1508 **JERELYN W DEREEF**...*RESIDENTIAL*
1514 **SHELIA ALLEN**...*RESIDENTIAL*
1602 **B F STOKES**...*RESIDENTIAL*
1606 **VERONICA COKER**...*RESIDENTIAL*
1610 **SUNDAY BRIGGS**...*RESIDENTIAL*
1620 **JOHNNIE MAE JACOBS**...*RESIDENTIAL*
1622 **CHDRYL DUKES**...*RESIDENTIAL*
1624 **DEBORAH WILLIAMS**...*RESIDENTIAL*
1628 **ANGELA MURRY**...*RESIDENTIAL*
1632 **JACQUELINE WILLIAMS**...*RESIDENTIAL*
1636 **REBA J HOBBS**...*RESIDENTIAL*
1802 **NEW HANOVER COUNTY SCHOOL DIST**...*PUBLIC ELEMENTARY AND SECONDARY SCHOOLS*
1802 **VOCATIONAL REHABILITATION SCHL**

2000 S 16TH ST

SOURCE: DIGITAL BUSINESS DIRECTORY

1302 **AMERICARE CO**
1302 **DISABILITY REPRESENTATION INC**
1302 **ELLIOTT CO**...*LIGHTING FIXTURES*
1304 **AAPCO**
1304 **HOMEDCO**...*RESIDENTIAL*
1308 **EAST COAST RESEARCH**
1320 **TEACCH CENTER**
1375 **CAROLINA CHIROPRACTIC CTR**
1390 **SOUTHEASTERN CTR-MENTAL HEALTH**
1401 **ADVENTURE WORLD CHILD DEV CTR**
1524 **TAFT TAFT & HAIGLER**
1709 **AZALEA COAST INTERNAL MEDICINE**...*INTERNAL MEDICINE PRACTITIONERS*
1709 **GUTSIN RICHARD A MD**...*INTERNAL MEDICINE PRACTITIONERS*
1777 **BURGESS III H COLEMAN DDS**...*SPECIALIZED DENTAL PRACTITIONERS*
1801 **TREMAN & TREMAN**...*SPECIALIZED DENTAL PRACTITIONERS*
1801 **TREMAN MICHAEL DDS**...*SPECIALIZED DENTAL PRACTITIONERS*
1828 **JEHOVAH'S WITNESSES CAPE FEAR**
1901 **BURGER KING**...*STEAK AND BARBECUE RESTAURANTS*
1915 **COASTAL CAROLINA HEALTHCARE**...*INTERNAL MEDICINE PRACTITIONERS*
1919 **NEW HANOVER REGIONAL MEDICAL**...*PSYCHIATRISTS AND PSYCHOANALYSTS*
1920 **ARCHER JR NOAH R MD**...*INTERNAL MEDICINE PRACTITIONERS*
1920 **CHILDREN'S CLINIC**
1920 **CHILDREN'S PHARMACY**
1920 **COLEMAN GORDON D MD**...*INTERNAL MEDICINE PRACTITIONERS*
1920 **GRIFFIN ELIZABETH J MD**...*INTERNAL MEDICINE PRACTITIONERS*
1920 **HAWTHORNE HENRY C MD**...*INTERNAL MEDICINE PRACTITIONERS*
1920 **HUNTER GELA N MD**...*INTERNAL MEDICINE PRACTITIONERS*
1920 **MORGAN H GRADY MD**...*INTERNAL MEDICINE PRACTITIONERS*
1920 **MORGAN JR HERMAN G MD**...*INTERNAL MEDICINE PRACTITIONERS*
1920 **WILMINGTON HEALTH ASSOC**
1924 **VAN VELSOR HARRY MD**...*INTERNAL MEDICINE PRACTITIONERS*
1928 **ROBERTS LLOYD E MD**...*INTERNAL MEDICINE PRACTITIONERS*
1932 **KEITH JR H L DDS**...*SPECIALIZED DENTAL PRACTITIONERS*
1960 **LEWIS JR CLIFFORD T MD**...*INTERNAL MEDICINE PRACTITIONERS*
1960 **MEDICAL CENTER PHARMACY**
1960 **WERTHEIMER THOMAS A MD**...*INTERNAL MEDICINE PRACTITIONERS*
1984 **KASSENS CATHERINE H MD**...*INTERNAL MEDICINE PRACTITIONERS*
1984 **KASSENS JR WILLIAM D MD**...*INTERNAL MEDICINE PRACTITIONERS*
1988 **NEAL CHARLES R MD**...*INTERNAL MEDICINE PRACTITIONERS*
1988 **NEW HANOVER RADIATION ONCOLOGY**...*INTERNAL MEDICINE PRACTITIONERS*
1990 **MAULTSBY JAMES A MD**...*INTERNAL MEDICINE PRACTITIONERS*
1990 **WILMINGTON PRIMARY CARE**...*INTERNAL MEDICINE PRACTITIONERS*
2006 **ARTHALIA NEWKIRK**...*RESIDENTIAL*
2006 **BERTIE SMITH**...*RESIDENTIAL*
2006 **CARRIE EDWARDS**...*RESIDENTIAL*
2006 **CYPRESS POINTE REHAB & HEALTH**
2006 **GLORIA PARKER**...*RESIDENTIAL*
2006 **HO HOTLINE HILLHAVEN HO**...*RESIDENTIAL*
2006 **JESSIE YOW**...*RESIDENTIAL*
2006 **MARGARET B TIDLER**...*RESIDENTIAL*
2006 **MARY M HATCHER**...*RESIDENTIAL*
2006 **R C SHACKELFORD**...*RESIDENTIAL*
2006 **ROBERT WINNICK**...*RESIDENTIAL*
2006 **VIRGINIA WARWICK**...*RESIDENTIAL*
2018 **ACCIDENT & INJURY LAW CTR**
2018 **BRUMBAUGH MU & KING**
2018 **DEANS K NICOLE ATTY**
2018 **KING JR KENNETH W ATTY**
2018 **LASSITER LEAH D ATTY**
2018 **MU RICHARD A ATTY**
2026 **WILMINGTON ATHLETIC CLUB**...*PHYSICAL FITNESS CLUBS WITH TRAINING EQUIPMENT*

1996 GREENFIELD ST

SOURCE: POLKS

815 L T S GAS & SNACKS .....-7807 C010 251-0042
827 JAM BEAUTY SALON .....-7807 C010 251-0700
SMITH CATERERS & BBQ HOUSE
..... -7807 C010 763-1111
1022 EVERYBODY'S SUPERMARKET
.....-7835 C010 763-4444
1034 LOVE CENTER.....-7835 C010 815-0669
1036 GREENFIELD STREET BARBER SHOP
.....-7835 C010 251-0535
1042 SPIROS BREAKFAST & LUNCH HOUSE
.....-7835 C010 763-4946
1044 NUMBER ONE QWIK STOP
.....-7835 C010 763-4449
1046 BIZ-TECH.....-7835 C010 763-6094
1302 Scott Beulah.....-6472 C039 815-0590
1306 Holmes Kelsha R .....-6472 C039 251-8228
1308 Smith R.....-6472 C039 343-9484
1310 Wilson Shawna F .....-6472 C039 763-1353
1316 Coker Cynthia.....-6472 C039 762-3767
1318 Toster Lamont.....-6472 C039 762-8336
1401 HOPE BAPTIST MISSION..-6451 C039 762-1890
1418 Harvin Candy.....-6472 C039 251-0695
1429 Chadwick Chris.....-6451 C039 371-2099
1650 SOCIAL SERVICES DEPT.-6456 C039 341-4700
BUSINESSES 20 HOUSEHOLDS 43

1996 S 13TH ST

SOURCE: POLKS

1109 Andrews Joseph .....-6007 C039 762-8665
1111 Lee Barbara.....-6007 C039 763-7245
1212 WILMINGTON BONDED WAREHOUSES
.....-6403 C013 763-5451
1217 INDUSTRY FACTORY BUILDING CO
.....-6402 C013 762-6080
1313 CAPE FEAR MINI-MAXI SELF STORE
.....-6404 C013 251-1313
1507 Hobbs S.....-6464 C013 763-7288
1511 Pertelle Melanie.....-6464 C013 763-1987
1515 Baldwin B C.....-6464 C013 251-3724
1519 Peters Doris.....-6464 C013 762-6453
1601 YWCA.....-6467 C039 251-9159
1805 LAKESIDE SCHOOL.....-6469 C013 251-6161
BUSINESSES 6 HOUSEHOLDS 88

1102 Bennett Essie.....-8003 C039 763-3825
1104 Hill Rossie.....-8003 C039 763-4477
1202 Roderick Marion L.....-6410 C010 763-6326
1290 BLADEN SPORTSWEAR....-6410 C010 763-9092
1502 McCullough Celest.....-6463 C039 763-8942
1504 Seabrook Tuesday.....-6463 C039 763-7836
1506 Black C Z.....-6463 C039 341-5114
Black Zchlav..... -6463 C039 341-5119
Nixon Elsa..... -6463 C039 341-5117
1508 Dereef Jerelyn W.....-6463 C039 762-7545
1514 Allen Shella.....-6463 C039 251-9504
1516 James K.....-6463 C039 251-0303
1602 Stokes B F.....-6463 C039 763-1666
1606 Coker Veroni.....-6463 C039 762-2365
1610 Briggs Sunday.....-6463 C039 762-3441
1616 Colbert Sylvia.....-6463 C039 763-1727
1620 Jacobs Johnnie M.....-6463 C039 763-8406
1622 Dukes Anita C.....-6463 C039 762-5732
1628 Murry Angela.....-6463 C039 763-1381
1632 Williams Jacque.....-6463 C039 763-1619
1634 Gregg Canita.....-6463 C039 251-1593
1802 NEW HANOVER COUNTY SCHOOL DIST
.....-6479 C039 763-5431

PELS & ASSOC TRAINING & MKTG
..... -6420 C008 763-6755
1302 AMERICAN EAGLE EXTERIORS INC
.....-6422 C008 762-1360
DISABILITY REPRESENTATION INC
..... -6422 C008 763-4020
ELLIOTT CO..... -6422 C008 251-0111
1304 AAPCO.....-6422 C008 256-2999
INTERNATIONAL INVESTIGATIONS
..... -6422 C008 762-3090
1308 PINNACLE BUSINESS SVC
.....-6422 C008 762-7411
1310 DIAMOND EXTERIORS INC
.....-6422 C008 251-8909

1996 S 16TH ST-B

SOURCE: POLKS

S 16TH ST — cont'd

Address		Zip+4	CarRte	Phone
1375	CAROLINA CHIROPRACTIC CTR			
		-6421	C008	343-1212
	Brendstrup Kurt K	-6421	C008	343-1212
1401	ADVENTURE WORLD CHILD DVE CTR			
		-6423	C008	815-0017
1524	TAFT TAFT & HAIGLER	-6426	C008	762-2000
1777	H COLEMAN BURGESS III DDS			
		-6429	C008	762-1402
1801	TREMAN & TREMAN	-6608	C008	762-4867
	Treman Steve	-6608	C008	762-4867
1828	JEHOVAH'S WITNESSES CAPE FEAR			
		-6609	C008	763-0501
1901	BURGER KING	-6610	C008	762-0112
1915	ROBERT H HUTCHINS MD			
		-6610	C008	343-8191
	Hutchins Robert H	-6610	C008	343-8191
1919	JAMES TIDLER MD	-6610	C008	763-8184
	LABORATORY CORP OF AMERICA			
		-6610	C008	763-1132
	Tidler James	-6610	C008	763-8184
1920	CHILDREN'S CLINIC	-6611	C008	763-2072
	CHILDREN'S PHARMACY	-6611	C008	343-9518
	Coleman Gordon D	-6611	C008	763-2072
	Griffin Elizab J	-6611	C008	763-2072
	Hawthorne Henry C	-6611	C008	763-2072
	Moore Ralph B	-6611	C008	763-2072
	Morgan H G	-6611	C008	763-2072
1924	HARRY VAN VELSOR MD	-6611	C008	762-5207
	Vanvelsor Harry	-6611	C008	762-5207
1928	LLOYD E ROBERTS MD	-6611	C008	341-7991
	Roberts Lloyd E	-6611	C008	341-7991
1932	H L KEITH JR DDS	-6611	C008	763-8129
1960	MEDICAL CENTER PHARMACY			
		-6647	C008	763-1896
	NEW HANOVER MEDICAL GROUP			
		-6647	C008	343-9991
	Almond Charles M	-6647	C008	343-9991
	Bridger Dewey H	-6647	C008	343-9991
	Broadbent Bryan J	-6647	C008	343-9991
	Corbett John R	-6647	C008	343-9991
	Daniel Christ P	-6647	C008	343-9991
	Eakins J W	-6647	C008	343-9991
	Herring Charles B	-6647	C008	343-9991
	Jensen Regina M	-6647	C008	343-9991
	Musselwhite Neill H	-6647	C008	343-9991
	Ward Elizab C	-6647	C008	343-9991
	Weiss Stanley G	-6647	C008	343-9991
	Zamelis Robert A	-6647	C008	343-9991
1984	CATHERINE H KASSENS MD			
		-6647	C008	762-3655
	WILLIAM D KASSENS JR MD			
		-6647	C008	343-0493
	Kassens Cather H	-6647	C008	762-3655
	Kassens William D Jr	-6647	C008	343-0493
1988	NEW HANOVER RADIATION ONCOLOGY			
		-6647	C008	251-1839
	Meyerson Martin B	-6647	C008	251-1839
	Neal Charles R	-6647	C008	251-1839
1990	WILMINGTON PRIMARY CARE			
		-6647	C008	762-7071
	Vannynatten Fred	-6647	C008	762-7071
2006	HILLHAVEN REHAB & CONVALESCENT			
		-6613	C008	763-6271
	Amsbary Galdys	-6613	C008	341-7916
	Bednarc Floren	-6613	C008	762-6345
	Cutting Bonnie	-6613	C008	762-1574
	Edwards Carrie	-6613	C008	251-9408
	Harris Mary	-6613	C008	762-2781
	Jordan M	-6613	C008	251-0141
	Lemmons Helen	-6613	C008	251-8021
	Lewis Daniel Sr	-6613	C008	251-0530
	Lewis I M	-6613	C008	763-2078
	Maready Adele	-6613	C008	763-3267
	Martin M	-6613	C008	762-8787
	Nielsen Winsor	-6613	C008	251-3620
	Obrien Lorane	-6613	C008	343-6993
	Rivera A	-6613	C008	343-9486
	Sebastian Vallee G	-6613	C008	815-0389
	Shackelford R C	-6613	C008	762-4787
	Spivey Charlo	-6613	C008	762-5085
	Winnick Robert	-6613	C008	251-8776
	Yopp Francis	-6613	C008	762-3062
2026	WILMINGTON ATHLETIC CLUB			
		-6613	C008	763-9655
	WILMINGTON CARDIOVASCULAR			
		-6613	C008	762-0016

BUSINESSES 58 HOUSEHOLDS 106

1991 GREENFIELD ST

SOURCE: POLKS

827 Dot's Kountry Kitchen 762-1480

LAKE BRANCH DR BEGINS

10TH INTERSECTS

1022 Vacant

1026 W H Q R Radio Station 343-1640

1034 Discount Auto Parts 763-7884

1036 Vacant

1042 Spiro's restr 763-4946

1044 Kwik Stop Number 1 gro 762-2970

1046 Laundromat 355-5990

LAKE BRANCH DR BEGINS

11TH ST BEGINS

12TH INTERSECTS

S 13TH INTERSECTS

1302 Vacant (Hses 1302-1324)

14TH ST INTERSECTS

1401 Immanuel Baptist Mission 762-0523

1402★James Marietta

S 15TH ST INTERSECTS

1507 Southern Bell Telephone 762-9033

1946 Village Laundry

1113 No Return
1115 Reed Amy J Mrs 763-6737
1122 Fox's Holsum Bakery 762-0321
HILLCREST ENDS
MARSTELLER INTERSECTS
C S X TRANS CROSSES

S 13TH ST-Contd

KIDDER INTERSECTS
1212 Wilmington Bonded Warehouse Inc
763-5451
Raney Company the inv 762-3880
1217 Remington Apparel 763-6543
1313 Losak's Mini-Maxi Warehouses 251-1313
MARTIN INTERSECTS
GREENFIELD INTERSECTS
1501★Simpson Rosea L 762-8357
1503 No Return
1505★Terry Rose A 762-2867
1507-1511 No Return (3 Hses)
1513★Watkins Jackie 762-4564
1515★Barnett Gail B 762-7674
1517 No Return
1519★Hill Anne 763-2601
WILLARD AV INTERSECTS
1601 Moore W Houston Terrace housing auth
of wiim 341-7714
1805 Lake Side School 251-6161
WILLARD INTERSECTS

1102 Bennett Essie L Mrs 763-3825
1104★Gaines Janice L 762-5434
C S X TRANS NO CROSSING
1202 Johnson Dennis L 763-4226
1202½ Roderick Wrecker Service 763-6326
1290 Bladen Sportswear 763-9092
KIDDER INTERSECTS

1502 Vacant
1504-1506 No Return (2 Hses)
1508 Vacant
1510 No Return
1512-1514 Vacant (2 Hses)
1516★Patterson Dorothy
1518 Vacant
1602-1608 No Return (3 Hses)
1610★Wainwright Charles
1612-1618 No Return (3 Hses)
1620★Witcher Joyce M 251-4467
1622-1624 No Return (2 Hses)
1626★Francis Charice
1628 No Return
1630★Atkins Audrica
1632★Wilkins Jackie 763-1619
1634 Matthews Kim
1636 No Return

1202 Milligan Laris W dentist
1302 Elliott Company Inc sound & security systems 251-0111
1304 No Return
1306 Vacant
1308 Pinnacle Business Services copying mach 762-7411
1310 American Cancer Society 343-1711
1312 Well Care Nursing Services Inc 763-8150
1314 Vacant
1316 M J B Neckwear Co Inc textile mfg 251-1151

26

KIDDER INTERSECTS
MARTIN INTERSECTS
GREENFIELD INTERSECTS
WILLARD ST INTERSECTS
PRIMROSE ST INTERSECTS
ELMORE ST INTERSECTS

46

ROBIN HOOD ROAD ENDS
1915 Hutchins Robt H phys 343-8191
1919 Tidler James phys 763-8184
1920 Children's Clinic the 763-2072
Coleman Gordon D phys 763-2072
Hawthorne Henry C phys 763-2072
Moore Ralph B phys 763-2072
Morgan H Grady phys 763-2072
1924 Van Velsor Harry D phys 762-5207
1928 Thompson Neal T phys 762-5292
1932 Keith Harrison L Jr dentist 763-8129
1960 Medical Center Pharmacy 763-1896
New Hanover Medical Group 343-9991
Almond Chas M phys 343-9991
Bridger Dewey H III phys 343-9991
Corbett Richard J 343-9991
Eakins J William phys internal med 343-9991
Herring Charles B phys 343-9991
Musselwhite Neill H phys 343-9991
1984 Kassens Wm D Jr phys 343-0493
Kassens Catherine H Mrs phys 762-3655
1988 New Hanover Radiation Oncology Center phys 252-1839
Meyerson Martin B phys 252-1839
1990 Van Nynatten Fred phys 762-7071
2006 Hillhaven Rehabilitation & Convalescent Center 763-6271
2018 Southern National Bank 350-6725
2026 His & Hers Hair Styles beauty shop 343-8524
Wilmington Athletic Club 763-9655
Wilmington Cardiovascular Rehabilitation 762-0016
17TH ST INTERSECTS

817 Vacant
LAKE BRANCH DR BEGINS

10TH INTERSECTS
1022 H U D (Whse Stge)
1026 W H Q R Radio Station 343-1640
1032 Vacant
1036 Natural Image Beauty Salon
1040 Vacant
LAKE BRANCH DR BEGINS
11TH ST BEGINS
12TH INTERSECTS
S 13TH INTERSECTS
1302 Bolding Ann M Mrs 343-0927
1304 Lowe Alice
1306★Walker Patricia
1308★Rucker Teal W Mrs
1310 Raynor Susan 763-5218
1312★Stukes Artis E 763-5010
1314 Blakely Annie A 763-7305

GREENFIELD ST—Contd
1316 White Leomia
1318★Winn Fannie
1320 Copeland Joyce B
1322 Floyd Ethel 762-8689
1324★Conyers Linda C 762-3401
14TH ST INTERSECTS
1401 Immanuel Baptist Mission 762-0523
1402★Berry Renee 762-3044
1404 Barnett Joyce B Mrs 343-8237
1406★Mc Rae Linda
1408 Ramsey Kenneth 762-7404
1410 Singleton Geraldine
1412 Doughty Jean 762-7688
1414 Grady Shelia
1416★Hobbs Hubert L
1418 Mc Combs Gloria
1420★Jordan Loretta
1422 Mc Coy Leslie Mrs 763-6120
1424 Maye Joe
S 15TH ST INTERSECTS
1507 Southern Bell Telephone Building
762-9033

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1122 Fox's Holsum Bakery 762-0321
HILLCREST ENDS
MARSTELLER INTERSECTS
SSRR CROSSES

KIDDER INTERSECTS
1212 Wilmington Bonded Warehouse Inc 763-5451
Raney Company The inv 762-3880
1217 Remington Apparel 763-6543
1313 Losak's Mini-Maxi Warehouses 763-1554
MARTIN INTERSECTS
GREENFIELD INTERSECTS
1501 Simpson Rosa Lee
1503★Miles Martha
1505 Terry Rose A 762-2867
1507 Parker Joanne Mrs 343-9399
1509 Hills Sharon
1511 Benbow Matherine
1513 Nixon Idella M
1515★Landis Ida M
1517 Greene Linda E
1519 Brown Roberta M Mrs
1525 Lake Forest School 763-5153
1601 City Housing Authority 763-7369
WILLARD INTERSECTS

1102 Bennett Essie L Mrs 763-3825
1104 No Return
S S R R NO CROSSING
KIDDER INTERSECTS

1502 Kirby Kathy 763-7941
1504★Williams Lucille
1505★Williams Lucille 763-0528
1506 Watkins Christabell Mrs
1508 Vacant
1510★Black Alethea D 763-5684
1512★Lunesford Mary C
1514★Cornelius Jas 763-7520
1516★Hines Barbara
1518 Marshall Blondell
1602★Stokes Betty F
1604 Baker E Daisy 763-1985
1606 Frink Rosa L
1608 Faison Edith 762-4363
1610 Pridgen Joseph
1612 Gibbs Chandra 343-8302
1614 Ramsey James
1616★Gause Cynthia A
1618 De Vega Carmelita
1620★Witcher Joyce M
1622★Johnson Roy L 343-8817
1624★Williams Deborah
1626★Jones Teresa
1628 Maddox Brenda
1630★Pertell Emelanie
1632 Hobbs Reba J 353-8970
1634★Bowen Hilda G 763-7524
1636 Seely John

1210 Carolina Sands 343-1182
1302 Vacant
1304 B & S Porcelain & Gold Laboratory elec registers 763-8740
1306 Howie Systems & Printing 762-9179
1308 Systel Business Equipment Co Inc word processing equip 762-9946
1312 F I N Y C Side vinyl siding 762-9382
1314 Bissinger & Brown Properties real est 762-5233
1316 Vacant

26

KIDDER INTERSECTS
MARTIN INTERSECTS
GREENFIELD INTERSECTS
WILLARD ST INTERSECTS
PRIMROSE ST INTERSECTS
ELMORE ST INTERSECTS
ROBINHOOD DR INTERSECTS

46

ROBIN HOOD DR ENDS
NUMBERS IRREGULAR
1833 Under Constn
1915 Hutchins Robt H phys 343-8191
1920 Children's Clinic The clinic 763-2072
1922★Van Velsor Pamela 763-7840
1924 Van Velsor Harry phys 762-5207
1928 Mac Kay J Calvin phys 762-5292
1919 Tidler James phys 763-8184
1932 Keith Harrison L Jr dentist 763-8129
1984 Kassens Wm D Jr phys 343-0493
Kassens Catherine H Mrs phys 762-3655
2006 Hillhaven Convalescent Center 763-6271
17TH ST INTERSECTS

827 Vacant

26

S 9TH ENDS (NOT OPEN)
10TH INTERSECTS
1022 H U D (Whse Stge)
1026 Vacant
1032 Lake Village Beauty Salon 763-3025
1036 Village Barber Shop
1040 Vacant
1042 Vacant
LAKE BRANCH DR BEGINS
11TH ST BEGINS
12TH INTERSECTS
S 13TH INTERSECTS
S 14TH ENDS
1301 Vacant
1302★Blackley Sharon
1304★Lowe Alice
1306 Murray Flossie
1308 Wells Faye S
1310 Pearce Jackie B
1312 Stokes Maria Mrs
1314★Blakely Annie A 762-7945

1316 Calhoun Emma
1320 Hewett Jessie
1322★Cooper Joyce
1324 Bunting Ruth
14TH ST ENDS
1401 Immanuel Baptist Mission 762-0523
1402 Tolliver Rosetta
1404 Benjamin Joyce 343-8237
1406 Waller Marie H
1408 Williams Lorraine
1410★Singleton Geraldine
1412 Doughty Jean 762-7688
1414★Brady Shelia
1416★Hamley Eterbelle
1418★Mc Combs Gloria
1420★Mc Duffie Maxine
1422★Gove Paul
1424★Maye Joe
S 15TH ST INTERSECTS

1122 Fox's Holsum Bakery Inc 762-0321
HILLCREST ENDS
MARSTELLER INTERSECTS
SCLRR CROSSES

KIDDER INTERSECTS
1212 Wilmington Bonded Warehouse Inc 763-5451
Raney Company The inv 762-3880
1217 France Neckwear (div of pacesetter indus inc) 763-6543
Pacesetter Industries 763-6543
1313 Losak's Mini-Maxi Warehouses 763-1554
MARTIN INTERSECTS
GREENFIELD INTERSECTS
1501 Simpson Rosalee
1503 Williams Deborah G
1505 Jordan Carol
1507 Bragg Judy
1509 Hills Sharon
1511 Benbow M
1513★Nixon Idella M
1515★Hins Barbara
1517 Greene Linda E
1519 Davis Hortense 763-9477
1525 Lake Forest School 762-2060
LAKE DR ENDS
1601 City Housing Authority 763-7369
WILLARD INTERSECTS

MARSTELLER
1102 Bennett Essie 763-3825
1104 Alford Ida
SCLRR NO CROSSING
KIDDER INTERSECTS

1502★Boyd Shirley K
1504★Wrenn Louise
1506★Watkins Christabell Mrs
1508★Bryant Sadie
1510★Ward Alice 763-8934
1512★Jones Margt
1514★Daniels Barbara
1516★Mack Cynthia
1518★Marshall Blondell
1602★Gainey La Vern 762-6232
1604★Allen Mary 763-6116
1606★Frink Rosa J
1608★Faison Edith 762-4977
1610★Moffett Charles
1612★Brown Jacelyn
1614★Rushing Edw
1618 No Return
1620★Willetts Judy
1622★Edgerton Adrianne
1624★Harrison Angeline
1626★Spicer Elma
1628★Maddox Brenda
1630★Pryor Marion
1632★Gause Martha
1634★Vaght Sharon 763-7524
1636★Parrott Dorethea 762-6483

W dentist 763-7859
1210 Port City Prosthetic Co 763-9679
1302 Kirby Co Of Wilmington 762-1816
1304 B & S Porcelain & Gold Laboratory
elec registers 763-8740
1306 Monroe Systems For Business 763-4317

KIDDER INTERSECTS 26
MARTIN INTERSECTS
GREENFIELD INTERSECTS
SHERWOOD DR INTERSECTS
ROBIN HOOD DR INTERSECTS

46
ROBIN HOOD DR ENDS
NUMBERS IRREGULAR
1915 Hutchins Robt H phys 343-8191
1920 Developmental Evauluation Center clinic
762-1744
1924 Van Velsor Harry phys 762-5207
1928 Mac Kay J Calvin phys 762-5292
1919 Tidler James phys 763-8184
1932 Keith Harrison L Jr dentist 763-8129
1984 Kassens Wm D Jr Md Pa internal med
gastroenterology 343-0493
Morse John phys 343-0493
Kassens Catherine H Md phys 762-3655
2006 Hillhaven Convalescent Center 763-6271
17TH ST INTERSECTS

LAKE BRANCH DR BEGINS
827 Benton's Texaco Service

26

S 9TH ENDS (NOT OPEN)
10TH INTERSECTS
1022 Shop Rite Super Markets Inc 763-3927
1026 Greenfield Seafood 763-4040
1032 Lake Village Beauty Salon 763-3025
1036 Village Barber Shop 762-2107
1040 Knight's Lake Village Launderette 762-9952
1042 Lake Forest Grill 763-2513
LAKE BRANCH DR BEGINS
11TH ST BEGINS
12TH INTERSECTS
S 13TH INTERSECTS
S 14TH ENDS
1301 Vacant
1302 Vacant
1304 Hunter Mary Mrs
1306 Murray Flossie 762-1219
1308 Fredlaw Helen W Mrs 762-4996
1310 Mc Duffie Rebecca
1312 Stokes Maria Mrs 763-6424
1314★Fowler Agnes B
1316 Hill Janice 763-2636
1318 No Return
1320★Cherry Rebecca A
14TH ST ENDS
1401 Immanuel Baptist Mission 762-0523
1402 Lawrence Virginia M 762-4393
1404 Hawes Barbara H
1406 No Return
1408 Hendricks Wm H 763-1450
1410 Casteen Edw Z 763-6190
1412★Doughy Jean
1414 Toney Wilhemina 763-2240
1416 Walker Bernice
1418 Holmes James B 763-4163
1420★Bowden Novella
1422★Williams Irene B 763-6397
1424 Benbow Matherine 762-9810
S 15TH ST INTERSECTS

1122 Fox's Holsum Bakery Inc 762-0321
HILLCREST ENDS
MARSTELLER INTERSECTS
SCLRR CROSSES

26

KIDDER INTERSECTS
1212 Wilmington Bonded Warehouse Inc 763-5451
1217 France Neckwear Manufacturing (div of pacesetter indus inc) 763-6543
MARTIN INTERSECTS

GREENFIELD INTERSECTS
1501★Baker Patricia
1503★Bruonton Joan
1505★Bowan Vernell
1507★Pridgen Darlene
1509★Copeland Linda
1511★Nesmith Brenda
1513★Hall Dalen
1515 Locke Fern Mrs
1517 Hill Larry
1519 Davis Hortense 763-9477
1525 Lake Forest School 762-2060
LAKE DR ENDS
1601 City Housing Authority 763-7369
WILLARD INTERSECTS

1102 Bennett Essie Mrs 763-3825
1104 Alford Ida Mrs
SCLRR NO CROSSING
KIDDER INTERSECTS

MARTIN INTERSECTS (NOT OPEN)
GREENFIELD INTERSECTS
1502 Moseley Alf
1504★Thomas Patricia
1506 Watkins Christabell Mrs
1508 Bryant Sadie Mrs 763-5975
1510 Ward Alice 763-9511
1512★Jones Margt
1514★Smith Nancy
1516 Morrisy Frances
1518 Parker Delores
WILLARD INTERSECTS
1602★Gainey La Vern
1610 Golden Annie Y Mrs
1612★Smith Leonard
1614★Corbett Elouise
1622 Vacant
1624 Lewis Janie Mrs
1626★Green Patricia 762-6641
1628 Keaton Flossie Mrs 762-0159
1630★Pryor Marion
1632 Keyes Emma 762-0792
1634★Dailey Linda
1636 Braxton Louise 763-9744

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1210 Bankers Life Co Of Des Moines Iowa
763-3328
Port City Prosthetic Co 763-9679
1302 Kirby Co Of Wilmington 762-1816
1304 Real Estate Services Inc 763-4546
1306 Monroe Calculator Co 763-4317

KIDDER INTERSECTS 26
MARTIN INTERSECTS
GREENFIELD INTERSECTS
SHERWOOD DR INTERSECTS
ROBIN HOOD DR INTERSECTS

36
ROBIN HOOD DR ENDS
NUMBERS IRREGULAR
1915 Pigford Robt T phys 762-1636
1924 Van Velsor Harry phys 762-5207
1928 Mac Kay J Calvin phys 762-5292
1919 Tidler James phys 763-8184
1932 Keith Harrison L Jr dentist 763-8129
2006 Manor Care Of Wilmington Inc
763-6271
17TH ST INTERSECTS

LAKE BRANCH DR BEGINS
827 Benton's Hi-Tane Service 762-9463

2
S 9TH ENDS (NOT OPEN)
10TH INTERSECTS
1010 Lake Forest Grill 762-9420
1022 Shop Rite Super Market Inc 763-1710
1032 Lake Village Beauty Salon 763-3025
1036 Village Barber Shop 762-2107
1040 Lake Village Launderette 763-6359
1042 Greenfield Fabrics 763-9497
LAKE BRANCH DR BEGINS
12TH BEGINS
S 13TH BEGINS
S 14TH ENDS
1301 Merritt's Grocery 763-9216
1302 Hunter Hazel L Mrs
1304 Hunter Mary L Mrs 763-4908
1306 Hansely Dorothy Mrs 762-0495
1308 Fredlaw Helen W Mrs
1310 Hines Ruth Mrs
1312 North Hanover T V Kindergarten
1314 Mills Virginia Mrs
1316 Jones Viola Mrs
1318 Kendrick Linda Mrs
1320 Nelson Gladys S B Mrs 763-2754
1322 Draeger Linda Mrs
1324 Hammonds Annie H
14TH ST ENDS
1400 Immanuel Baptist Mission 762-0523
1402 Johnson Alma Mrs
1404 English Donald R
1406 Naylor Vasco L
1408 Hendricks Wm
1410 Casteen Edw Z
1412 Boswell Peggy N Mrs
1414 Ingram Johnnie E 763-8010
1416 Henry Harvey L
1418 Munroe Betty B Mrs
1420 Jones Joyce A Mrs 762-0324
1422 Wise Gladys W Mrs
1424 Faircloth Saml L

1122 Fox's Holsum Bakery Inc 762-0321
HILLCREST ENDS
MARSTELLER INTERSECTS
SCLRR CROSSES

26

KIDDER INTERSECTS
1212 Southeastern Brokerage Co food brokers
763-1693
Wilmington Bonded Warehouse Inc
763-5451
1213 Vacant
1217 France Neckwear Manufacturing Corp
763-6543
MARTIN INTERSECTS
GREENFIELD INTERSECTS
1501 Autrey Eva 762-9904
1503 Sharver Willis A 763-5669
1505 Williams Mavis Mrs
1507 Kornegay Pearl V Mrs 762-6215
1509 Pate David E 762-5705
1511 Rittenbury Addie Mrs 762-3068
1513 Broxton Shuford E
1515 Marshburn Evelyn Mrs
1517 Todd Saml A 763-9668
1519 Robbins A M Mrs 762-2896
1525 Lake Forest School 762-2060
LAKE DR ENDS
1601 City Housing Authority 763-7369

1102 Lemon Sadie Mrs 763-9757
1104 Jacobs Ruth W Mrs 762-6314
SCLRR NO CROSSING

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S 15TH ST—Contd
KIDDER INTERSECTS

26

MARTIN INTERSECTS (NOT OPEN)
GREENFIELD INTERSECTS
1502 Jones Wilma B Mrs 763-0255
1504 Woodell Wm 763-7704
1506 Bunting Ruth R
1508 Russ Elsie I Mrs
1512 Benbow Charles 763-7821
1514 Byas Barbara J
1516 Hewett Harvey D
1518 Odum Harlee W 763-2508
WILLARD INTERSECTS
1602 Ward Raleigh R 763-9511
1604 Sisk Drucilla Mrs
1606 Cottle Laura M 763-2643
1608 Cherry Rebecca R Mrs
1610 Golden Annie Y Mrs
1612 Uhl Suzanne F Mrs 762-4022
1614 Horstkamp Anna L Mrs 762-5190
1616 Hodge Zedd M
1618 Buss Shirley Mrs
1620 Sibary Ivan
1622 Blanton Norwood T 763-3772
1624 Farrow Sterling S
1626 Wallace Flora Mrs
1628 Vacant
1630 Dorman Vivian K Mrs
1632 Walker Ella M Mrs 763-6937
1634 Watts Meline H Mrs
1636 No Return

763-3426
1302 Reserve Life Insurance Co 763-3334
1304 Hanover Realty 763-8403
1316 Boswell Roland Jr
1306 Stork Shoppe Ltd The 762-6119
MARSTELLER INTERSECTS

KIDDER INTERSECTS
1323 Oak Grove Cemetery
MARTIN INTERSECTS
GREENFIELD INTERSECTS

1971 S 16TH ST-B

SOURCE: HILLS

SHERWOOD DR INTERSECTS

ROBIN HOOD DR ENDS
NUMBERS IRREGULAR
1915 Pigford Robt T phys 762-1636
1924 Van Velsor Harry phys 762-5207
1928 Mac Kay J Calvin phys 762-5292
1919 Tidler James phys 763-8184
1932 Keith Harrison L Jr dentist 763-8129
2006 Medicenter Of America 763-6271
17TH ST INTERSECTS

1967 GREENFIELD ST-A

SOURCE: HILLS

814 JONES MARY L MRS 762-1402
816 COCHENHOUR DAVE 762-8190
---LAKE BRANCH DR BEGINS
827 LAKE FOREST CROWN SERVICE GAS
STA 762-9322

GREENFIELD ST—Contd

26

---S 9TH END (NOT OPEN)
---10TH INTERSECTS
1010 LAKE FOREST GRILL RESTR
762-9420
1022 SHOP RITE SUPER MARKET
763-1710
1032 LAKE VILLAGE BEAUTY SALON
763-3025
1036 VILLAGE BARBER SHOP
1040 LAKE VILLAGE LAUNDERETTE
763-6359
1014 VACANT
---LAKE BRANCH DR BEGINS
---12TH BEGINS
---S 13TH BEGINS
---DR W HOUSTON MOORE TER HOMES
---S 14TH ENDS
1301 MERRITT'S GROCERY 763-9216
1302 SHEPARD ETHEL MRS BABY
SITTER
1304 CLIFF ALBERT
1306 SPELL CATH MRS
1308 BROWN WESTON
1310 GAINEY EDNA MRS
1312 NO RETURN
1314 BOSWELL DAVID E
1316 KING ALBERT R JR
1318 FOLOY ROSE MRS
1320 HEWETT LOTTIE MRS
1322 SMITH FLORENCE S MRS
1324 GRANT HARVEY L
1400 IMMANUEL BAPTIST MISSION
1402 GOLDEN ANNIE MRS
1404 ABSHIRE RUPPER D
1406 WARD LEOLA MRS
1408 HANEY AMY C 763-6562
1410 CASTEEN EDW Z
1412 GRANT WILLIE JR
1414 MALLARD BEATRICE B MRS
1416 POWELL JAMES
1418 MORGAN FRANKIE J
1420 DAVIS WILLIE
1422 SHIRER KATHRYN W MRS
1424 GOBLE JOSEPH R
---S 14TH ENDS

1115 LAWSON ALMA B MRS
1122 FOX'S HOLSUM BAKERY INC
763-1684
---HILLCREST ENDS
---MARSTELLER INTERSECTS
---ACL CROSSES

26

---KIDDER INTERSECTS
1212 SOUTHEASTERN BROKERAGE CO
FOOD BROKERS 763-1693
WILMINGTON BONDED WAREHOUSE
INC 763-6256

13TH ST S—Contd

1213 NO RETURN
1217 FRANCE NECKWEAR
MANUFACTURING CORP 763-8425
---MARTIN INTERSECTS (NOT OPEN)
---GREENFIELD INTERSECTS
1501 OTTAWAY JASPER P
1503 MURRAY DAVID C
1505 JUSTICE IRENE MRS
1507 KORNEGAY PEARL V MRS
762-8468
1509 JARMAN ERNEST W 762-3413
1511 MARTIN ALICE MRS
1513 BROXTON SHUFORD E
1515 KEEVER DOROTHY MRS RO3-4820
BUTLER J M
1519 ROBBINS MARGIE MRS
BABYSITTER 763-8871
1525 LAKE FOREST SCHOOL 762-2060
---LAKE DR ENDS
1601 HOUSING AUTHORITY OF THE
CITY OF WILMINGTON 762-1801
HOUSING AUTHORITY OF THE
CITY OF WILMINGTON 763-6043
---WILLARD INTERSECTS

1102 LEMON SADIE MRS 763-9757
1104 JACOBS RUTH C MRS
---ACL (NO CROSSING)
---KIDDER INTERSECTS

26

---MARTIN INTERSECTS (NOT OPEN)
---GREENFIELD INTERSECTS
---DR W HOUSTON MOORE TER HOMES
1502 LEWIS JUDITH MRS
1504 WELTON JAMES
1506 WEBB JAY
1508 CARNEY CLARENCE
1510 NO RETURN
1512 CLIVER EDW J
1514 SAWYER JAMES F
1516 JOHNSON LILLIAN W MRS
763-7997
1518 ROBBINS MARGT MRS
---WILLARD INTERSECTS
1602 HARDISON ROSCOE
1604 MATTHEWS PEARLIE J
1606 FAY JOHN T
1608 SPENCER BOBBY R
1610 FAULK ALBERT W
1612 NO RETURN
1614 HARRELSON JAMES E
1616 CAISON HERBERT
1618 GAINEY WILLIE E 762-6026
1620 WILKINS ODIE R MRS RO2-7628
1622 VACANT
1624 WIGGINS CATH MRS
1626 WALLACE FLORA MRS
1628 EVANS WM A
1630 BLANTON CHARLES D
1632 JONES ROSELLA MRS

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15TH ST S--Contd

1634 WATTS MELINE H MRS
1636 WATKINS CATH MRS

24

---DAWSON INTERSECTS
1207 BOSWELL WM A
1306 BOSWELL ROLAND JR
BOSWELL TED
---MARSTELLER INTERSECTS

26

---KIDDER INTERSECTS
1323 OAK GROVE CEMETERY
---MARTIN INTERSECTS
---GREENFIELD INTERSECTS
---SHERWOOD DR INTERSECTS
2021 PIGFORD ROBT T PHYS 762-1636
2024 VAN VELSOR HARRY PHYS
762-5207
2029 TIDLER JAMES PHYS 763-8184
2120 MEDI CENTER OF AMERICA
763-6271
2400 UNDER CONSTN

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816 Hinson Ruby T Mrs 762-8190
827 Lake Forest Crown Serv gas sta 762-9322

26

S 9th ends (not open)
10 intersects
1004 Vacant
1008 Lee's Beauty Salon 763-4137
1010 Lake Forest Grill restr 762-9420
1010½ Vacant
1012 Lake Forest Barber Shop
1012½ Vacant
1014 Vacant
Lake Branch dr begins
12th begins
S 13th begins
—Dr W Houston Moore Ter Homes
1301 Merritt's Grocery 763-9216
1302 Tatum Mac G RO3-7781
1304 Corbett Harry M
1306 Hobbs Helen F Mrs
1308 Blake Geo M

1310 Brewer Hubert S
1312 Hewett Lester L 762-3075
1314 Noble Mary F Mrs
1316 Flynn Christine B Mrs
1318 Vacant
1320 Scott Geo T
1322 Caison Saml O
1324 Grant Harvey L
1328 Tyler Geo R
1401 Emanuel Bapt Mission
1402 Hooper Alice C Mrs
1404 Martin Alice H Mrs
1406 Vacant
1408 Teddar Betty K Mrs
1410 Casteen Edw L
1412 Gainey Ruth E Mrs
1414 Mallard Beatrice F Mrs
1416 Goble Jos R RO3-2812
1418 Cameron Donald
1420 Nye Mary B RO3-5896
1422 Roelle Mary J Mrs
1424 Butler Thos J
S 14th ends

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1115 Lawson Alma B Mrs
1122 Fox's Royal Bakery Inc 763-1684
Hillcrest ends
Marsteller intersects
ACL crosses
Kidder intersects (not open)

26

1212 Southeastern Brokerage Co food brokers 763-1693
Wilmington Brokerage & Distributing Co food 762-7768-762-2848
— Wilson W A Food Broker 762-7324
1213 Garver Mfg Corp shirt mfrs 763-8425

1217 France Neckwear Mfg Corp 763-8425
Martin intersects (not open)
Greenfield intersects
1501 Boswell Thurman F 763-4954
1503 McLendon Myrtle S Mrs
1505 Williamson J D
1507 Kornegay Pearl V Mrs 762-8468
1509 Merritt Curtis L RO2-8027
1511 Johnson G Gearhart 763-7622
1513 Broxton Shuford E 1515 Smith Marvin 762-8100
1517 Gore Elsie L Mrs 763-4742
1519 Robbins Margie Mrs 762-9956
Lake dr ends
1601 Housing Authority of the City of Wlmtn 762-1801
Moore W Houston Dr Terrace Homes 763-6043
Willard intersects
— Lake Forest Sch 762-2060

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15TH S--Contd
1035 Salter Margt Mrs
Marsteller intersects
1102 Evans Leroy
1104 Jacobs Ruth Mrs 763-6153
ACL (no crossing)
(Not open bet ACL and Marsteller)
Kidder intersects
1202 Roderick John W © 763-6326

2

Martin intersects (not open)
Greenfield intersects
— Dr W Houston Moore Ter Homes
1502 Kelley Geo T
1504 Williams Jas W
1506 Dauphinais Albert N
1508 Vacant
1510 Heath Hubert A 762-7310
1512 Cliver Edw J 763-5800
1514 Robbins Wm A
1516 Johnson Lillian W Mrs 763-7997
Willard intersects
1602 Hardison Rosco
1604 Croom Wm J
1606 Hall Raymond W 762-2176
1608 Edwards Dorris A
1610 Worrell Raymond
1612 Foss Della B
1616 Wright Sadie W Mrs
1618 Gainey Willie E
1620 Flarrow Sterling S
1622 Rivenback Joe D
1624 Edge Walton C RO3-4967
1626 Richards Peggy E Mrs
1628 Vacant
1630 Ashley Annie M Mrs
1632 Truitt Evelyn S Mrs 763-7581
1634 Watts Meline H Mrs
1636 Woodard Grover F

2

Kidder intersects
1323 Oak Grove Cemetery
Martin intersects
Greenfield intersects
1921 Rancy James W © 763-2197
1926 Seymour W Edgar © 762-7456

827 Lake Forest Crown Serv gas sta
△RO2-9322

26

S 9th ends (not open)
10th intersects

1004 Vacant
1008 Lee's Beauty Salon △RO3-4137
1010 Lake Forest Grill restr
△RO2-9420
1010½ Joe's Seafood Mkt △RO2-1700
1012 Lake Forest Barber Shop
1012½ Lake Forest Shoe Repr
1014 Vacant

Lake Branch dr begins
12th begins
S 13th begins

Dr W Houston Moore Terrace Homes

1301 Merritt's Gro
1302 Pacer Elsie
1304 Roper Jewel S Mrs
1306 Lawhon Jimmy D
1308 Blake Geo M △RO3-5580
1310 Mintz Amanda I Mrs
1312 Hewett Lester L
1314 Noble Mary F Mrs △RO3-7652
1316 Vacant
1318 McLamb Sadie N Mrs
△RO2-8213
1320 Rush Elsie Mrs
1322 Vacant
1324 Horning Elma W Mrs △RO3-5748
1402 Flowers Burroughs
1404 DeMello Dorothy
1406 Hall Harold H
1408 Britt Wm H
1410 Branch Mollie H Mrs △RO3-2040
1412 Vacant
1414 Mallard Wm B
1416 Crews Harlee △RO3-1793
1418 Vacant
1420 Vacant
1422 Lewis Naomi V Mrs
1424 Vacant

S 14th ends

1115 Lawson Alma B Mrs
1122 Fox's Royal Bakery Inc
ΔRO3-1684
Hillcrest ends
Marsteller intersects
ACL crosses
Kidder intersects (not open)

1212 Wilmington Bonded Whse Inc
ΔRO3-6256
Rhyne Avery R Inc mdse broker
ΔRO2-4407
Southeastern Brokerage Co food brokers ΔRO3-1693
Wilmington Brokerage & Distributing Co food ΔRO2-7768-2-2848-2-6469
1213 Garver Mfg Corp shirt mfrs
ΔRO2-2451
1217 France Neckwear Mfg Corp
ΔRO2-0321
Martin intersects (not open)
Greenfield intersects
1501 Boswell Thurman F ΔRO3-4954
1503 Justice Jas B jr
1505 Ashe Isabell Mrs ΔRO3-8090
1507 Smith Marvin B
1509 Merritt Curtis L
1511 Willaford Horace W ΔRO2-9546
1513 Robinson Faison D ΔRO3-3264
1515 Wooten Dorothy L Mrs
ΔRO2-8100
1517 Benton Horace C
1519 Robbins Margie Mrs ΔRO3-2107
Lake dr ends
1601 Housing Authority of the City of Wlmtn ΔRO2-1801
Moore W Houston Dr Terrace Homes
Willard intersects
— Lake Forest Sch ΔRO2-2060

1102 Mitchell Thos J ΔRO3-7500
1104 Everett Doris W Mrs
ACL (no crossing)
(Not open bet ACL and Marsteller)
Marsteller intersects
(Not open bey Marsteller)
Kidder intersects
1202 Roderick John W ◎ ΔRO3-6323
26
Martin intersects (not open)
Greenfield intersects
Dr W Houston Moore Ter Homes
1502 English John B
1504 Williams Jas W
1506 Dauphinais Albert N
1508 Wright Dewey
1510 Heath Hubert A ΔRO2-7310
1512 Cliver Edw J
1514 Martin Alice H Mrs
1516 Johnson Lillian W Mrs
ΔRO3-7997
1518 Riggs Wm J
1602 Evans Archie
1604 Felty Sarah Mrs
1606 Brooks Martha Mrs
1608 Harris Wm T ΔRO3-7975
1610 Fields Wm P ΔRO3-6236
1612 Hall Raymond W
1614 Vacant
1616 Atkinson Otis J
1618 Wright Sadie W Mrs
1620 Casteen Edw Z ΔRO3-5720
1622 Mathis Grace Mrs
1624 Lewis Archie W
1626 Benson Oliver L
1628 No return
1630 James Audrey Mrs
1632 Ludlum Dora M Mrs
1634 Carroll Aaron
1636 Crandall John W

24
Dawson intersects
Marsteller intersects
1319 Vacant
26
Kidder intersects
1323 Oak Grove Cemetery
Martin intersects
Greenfield intersects

1960 S 16TH ST-B

SOURCE: HILLS

1921 Ridaught Maurice T ◎
△RO3-2197
1926 Seymour W Edgar ◎ △RO2-7456
Eason Evelyn C nurse

1956 GREENFIELD ST-A

SOURCE: HILLS

812 Stokley Chas S 2-0184
814 Wright Jas D 3-5031
816 Gaskins Sadie M Mrs ◎ 3-1769
819 Under constn

GREENFIELD—Contd

26

S 9th ends (not open)
10th intersects
1004 Groceteria No 2 2-0620
1008 Lake Village Beauty Shop 3-2082
1010 Lake Village Grill 9420
1010½ Lake Village Seafood Mkt
1012 Lake Village Barber Shop
1012½ Lee W R Shoe Repair
1014 Lane's Lake Forest Pharm 2-3516
Lake Branch dr begins
12th begins
S 13th intersects
Dr W Houston Moore Terrace Homes
1302 Merritt Thos B
1304 Carter Clarence
1306 Mathis Jesse J
1308 Myers John 1
1310 Mintz Amanda I Mrs
1312 Maultsby Thelma Mrs
1314 Noble Mary F Mrs 3-7652
1316 Cummings Ruby L Mrs 3-2761
1318 Pierce Fletcher M
1320 Mintz Martha Mrs
1322 Hewitt John P
1324 Horning Elma W Mrs 3-5748
1402 Sandy Eldon J
1404 Jackson Durwood 9777
1406 Ward Buris D
1408 Mahn Wm E
1410 Smith Annie L Mrs
1412 Atkinson Jennings A
1414 Holland Lottie L Mrs 2-0059
1416 Cottle Donald P
1418 Cotton Rosa Mrs
1420 Hines Annie R Mrs
1422 Britt Wm H
1424 Hewitt Harvey D
S 14th ends

1115 Hill Mildred
1122 Fox's Royal Bakery 3-1685
Hillcrest ends
Marsteller intersects
ACLRR crosses
Kidder intersects (not open)

26

1212 Wilmington Bonded Whse Inc 3-6256
1213 Garver Mfg Corp shirt mfrs 2-2421
1217 France Neckwear Mfg Corp 2-0321
1307 Carroll Walter W ©
1309 Hufham Albert P
Martin intersects (not open)
Greenfield intersects
1601 Housing Authority of the City of Wlmtn 2-1801
(Dr W Houston Moore Terrace Homes)
1501 Boswell Thurman F
1503 Durden Wm A
1505 Murray Edw E
1507 Parker Gertrude Mrs 3-6387
1509 Williams D V
1511 Ivey Olin C
1513 Butler John M
1515 Vacant
1517 Styron Ossie Mrs
1519 DiMarzio Lonnie Mrs
Lake dr ends
Willard intersects
— Lake Forest Sch 2-2060

1102 McRae Rufus
1104 Everett Doris Mrs
ACLRR (no crossing)
(Not open bet ACLRR and Marsteller)
Marsteller intersects
(Not open bey Marsteller)
Kidder intersects
1202 Roderick John W © 3-6323

26

Martin intersects (not open)
Greenfield intersects
(Dr W Houston Moore Terrace Homes)
1502 Mills Geo G
1504 Phelps Lenare B
1506 Dauphinais Albert N 3-6258
1508 Phillips Marion H
1510 Heath Hubert A 3-4431
1512 Lewis Leon W 3-4936
1514 Martin Alice Mrs
1516 Fields Bessie Mrs nurse 3-6236
1518 Sullivan A H 9722
1602 Thompson Clarence B 7667
1604 Styons Wm J
1606 Lee J T
1608 Herring Janie Mrs
1610 McLamb Wm P
1612 Taylor Helen C Mrs 4208
1614 Hewlett Malcom 2-8437
1616 Atkinson Otis J
1618 Walker Robt H
1620 Wright Belton
1622 Yott Ernest F jr
1624 Clark Wm T

15TH S—Contd
1626 Fulcher John O
1628 Reeves Leon H
1630 Speck Harold S
1632 Jones Odell
1634 Southerland Helen Mrs 2-1081
1636 Cochran Wm B

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1956 S 16TH ST
SOURCE: HILLS

Marsteller intersects
1207 Boswell Wm A ©
1319 Allen Herbert P

Kidder intersects
1323 Oak Grove Cemetery
Martin intersects
Greenfield intersects

1952 GREENFIELD ST-A
SOURCE: HILLS

814 Hudson Norman E jr
816 Gaskins Sadie Mrs ©

26

—S 9th ends (not open)
—10th intersects
cor Housing Authority of the City of Wlmtn Lake Village
1004 C & B Super Mkt gros
1008 Vacant

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1010 Lake Forest Grill restr
1012 Lake Forest Barber Shop
1012½ Lake Forest Shoe Repr
1014 Lane's Lake Forest Pharm
Lakeside Gro
—Lake Branch dr begins
—12th begins
—S 13th intersects
—(Not open beyond S 13th)
—S 14th ends (not open)
—S 15th ends (not open)
—S 16th ends
—S 17th ends (not open)

1115 Hill Ruben (c)
1122 Fox's Royal Bakery
—Hillcrest ends
—Marsteller intersects
—ACLRR crosses
—Kidder intersects (not open)
1213 Garver Mfg Corp shirt mfrs
1217 France Neckwear Mfg Corp
1307 Carroll Walter W ⓪
1309 Willis Calvin H
—Martin intersects (not open)
—Greenfield intersects
(Not open beyond 1 block south of Greenfield)
—Lake dr ends
—Willard intersects
Lake Forest Sch

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1952 S 15TH ST

SOURCE: HILLS

RANGE NOT LISTED

1952 S 16TH ST

SOURCE: HILLS

—Dawson intersects
—Marsteller intersects
1207 Boswell Wm A ⓪
1319 Gore Lena N Mrs (c) ⓪
—Kidder intersects (not open)

26

—Kidder intersects (not open)
1323 Oak Grove Cemetery
—Martin intersects (not open)
—Greenfield intersects (not open)

1947 GREENFIELD ST

SOURCE: HILLS

RANGE NOT LISTED

1947 S 13TH ST

SOURCE: HILLS

1111 Wyatt Thos (c)
1113 Bellamy Rudolph B (c)
1115 Hill Reuben (c)
Hillcrest ends
Marstelier intersects
ACLRR crosses
Kidder intersects
1212Δ France Neckwear Mfg Corp
26
1307 Carroll Wm W ⓪
1309 Willis Calvin I
1309½ Willis Calvin H
Martin intersects (not open)
Δ Lake Forest School
Greenfield intersects
(Not open beyond 1 block
south of Greenfield)
Lake dr ends

1102 Hargrove John (c)
1104 Chance Virgil (c)
ACLRR (no crossing)
(Not open between ACLRR and Marsteller)
Marsteller intersects
1202 Roderick John W ©
(Not open beyond Marsteller)
Kidder Intersects
26
Martin intersects (not open)
Greenfield intersects (not open)

Marsteller intersects
1202 Vacant
26
Kidder intersects (not open)
1319 Gore Lena Mrs (c) ©
Oak Grove Cemetery
Martin intersects (not open)
Greenfield intersects (not open)

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1943 GREENFIELD ST

SOURCE: HILLS

RANGE NOT LISTED

1943 S 13TH ST

SOURCE: HILLS

1113 Bellamy Rudolph (c)
1115 Hill Reuben (c)

Hillcrest ends
Marsteller intersects
cor G H T & S Saw Mill
ACLRR crosses
Kidder intersects (not open)
1308 Wilson A Theo
Martin intersects (not open)
cor Lake Forest School
1406 Montgomery Clyde P gro
Greenfield intersects
(Not open beyond 1 block south of Greenfield)
Lake dr ends

1102 Hill Douglas (c)
1104 Evans Geo (c)
ACLRR (no crossing)
(Not open between ACLRR and Marsteller)
Marsteller intersects
1202 Roderick John W ⓪
(Not open beyond Marsteller)
Kidder intersects
Kidder intersects
Martin intersects (not open)
Greenfield intersects (not open)

16TH S—Contd
1319 Gore Wm (c) ⓪
es Oak Grove Cemetery
Martin intersects (not open)
Greenfiel dintersects (not open)

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1940 GREENFIELD ST

SOURCE: HILLS

RANGE NOT LISTED

1940 S 13TH ST

SOURCE: HILLS

1014 Yopp Annie B Mrs

Meares intersects

1108 Vacant

Marsteller intersects

1308 Russell J Quincy

Queen intersects

702 Wilkinson Margt E
706 Browning Martha J Mrs @

Wooster intersects

* * *

Dawson intersects

* * *

Wright ends

* * *

Meares intersects

* * *

Marsteller intersects

1202 Roderick John W @

Kidder intersects

* * *

Martin intersects

* * *

Greenfield intersects

Marsteller intersects

1219 (312) Vacant

Kidder intersects

1319 Gore Wm (c) @
Oak Grove Cemetery

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1934 GREENFIELD ST

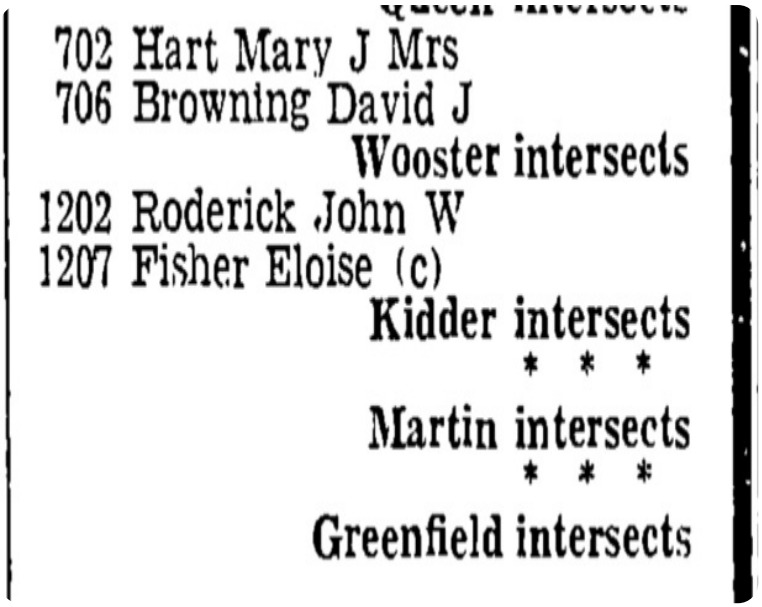
SOURCE: HILLS

RANGE NOT LISTED

1934 S 13TH ST

SOURCE: HILLS

1006 Vacant
1014 Carr Chas (c)
Meares intersects
1104 Ellison Jos (c)
1108 Israel Chas (c)
Marsteller intersects
1308 Yopp Andrew T
1310 Vacant



702 Hart Mary J Mrs
706 Browning David J

Wooster intersects

1202 Roderick John W
1207 Fisher Eloise (c)

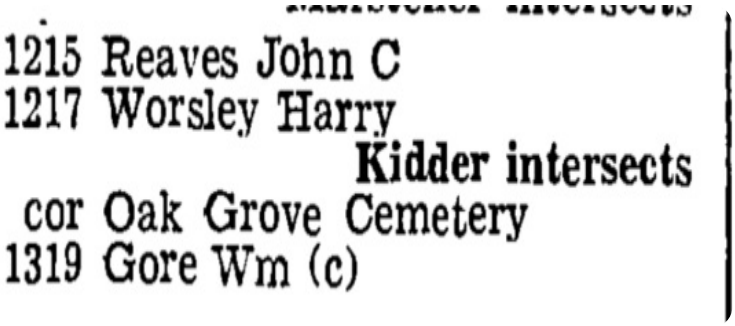
Kidder intersects

* * *

Martin intersects

* * *

Greenfield intersects



1215 Reaves John C
1217 Worsley Harry

Kidder intersects

cor Oak Grove Cemetery
1319 Gore Wm (c)

1930 GREENFIELD ST

SOURCE: HILLS

RANGE NOT LISTED

1930 S 13TH ST

SOURCE: HILLS

Wright intersects

1006 Vacant
1014 Vacant

Meares intersects

1104 Vereen Henry (c)

Marsteller intersects

1308 Hill Buck (c)
1310 Vacant

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Queen intersects
702 Hewett David O
706 Browning David J
Wooster intersects
1202 Roderick John W
1207 Hoffman Geo
Kidder intersects

Marsteller intersects
1215 Reaves John C
1217 Potter Geo M
Kidder Intersects
cor Oak Grove Cemetery
1319 Gore Wm (c)

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1926 GREENFIELD ST

SOURCE: HILLS

RANGE NOT LISTED

1926 S 13TH ST

SOURCE: HILLS

1002 Gavines James
1002 Gavins James
1006 *Royal Mary C
1014 *Wood Saml
Meares intersects
1303 *McKoy Luetta
1308 *Hill Buck
1310 *Holmes Mary
1315 *Robinson Tilda

702 Rising Martha Mrs
706 Browning D J
Wooster intersects

1226 *Nixon Dave
1228 Vacant
Kidder intersects
1315 Davis T W

615 Harper G F
1319 *Gore Wm
—— Oak Grove Cemetery

Report ID: 23040400869 - 04/10/2023
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PSR
PHYSICAL SETTING REPORT

Property Information

Order Number:		23040400869p
Date Completed:		April 5, 2023
Project Number:		49-20026
Project Property:		Houston Moore 1601 South 13th Street Wilmington NC 28401
Coordinates:		
	Latitude:	34.21701664
	Longitude:	-77.92911092
	UTM Northing:	3790099.59739 Meters
	UTM Easting:	230149.232598 Meters
	UTM Zone:	UTM Zone 18S
	Elevation:	27.96 ft
	Slope Direction:	NE

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Radon Information....26
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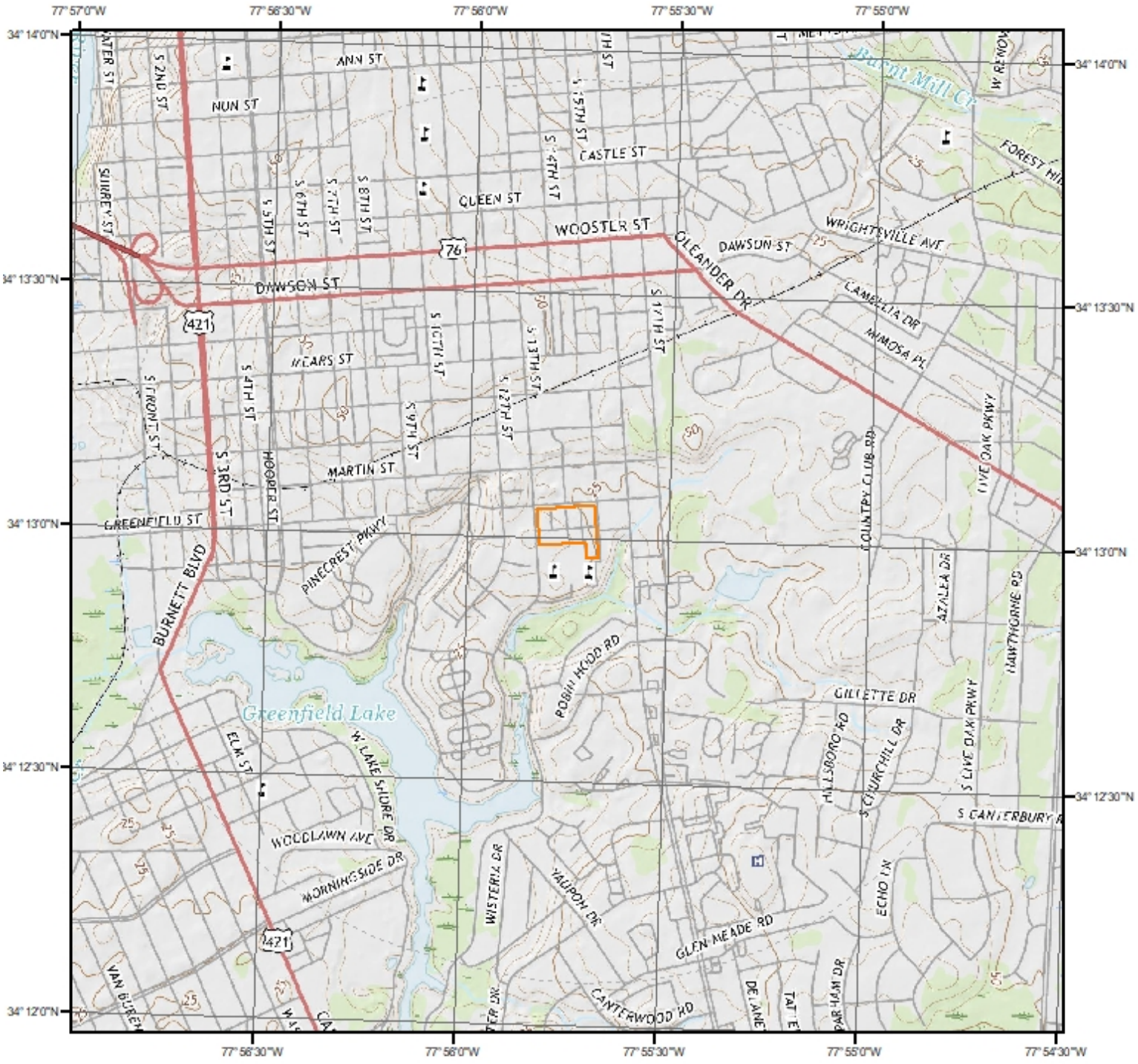
The ERIS ***Physical Setting Report - PSR*** provides comprehensive information about the physical setting around a site and includes a complete overview of topography and surface topology, in addition to hydrologic, geologic and soil characteristics. The location and detailed attributes of oil and gas wells, water wells, public water systems and radon are also included for review.

The compilation of both physical characteristics of a site and additional attribute data is useful in assessing the impact of migration of contaminants and subsequent impact on soils and groundwater.

Disclaimer

This Report does not provide a full environmental evaluation for the site or adjacent properties. Please see the terms and disclaimer at the end of the Report for greater detail.

Topographic Information



Current USGS Topo (2016)

Quadrangle(s): Wilmington,NC

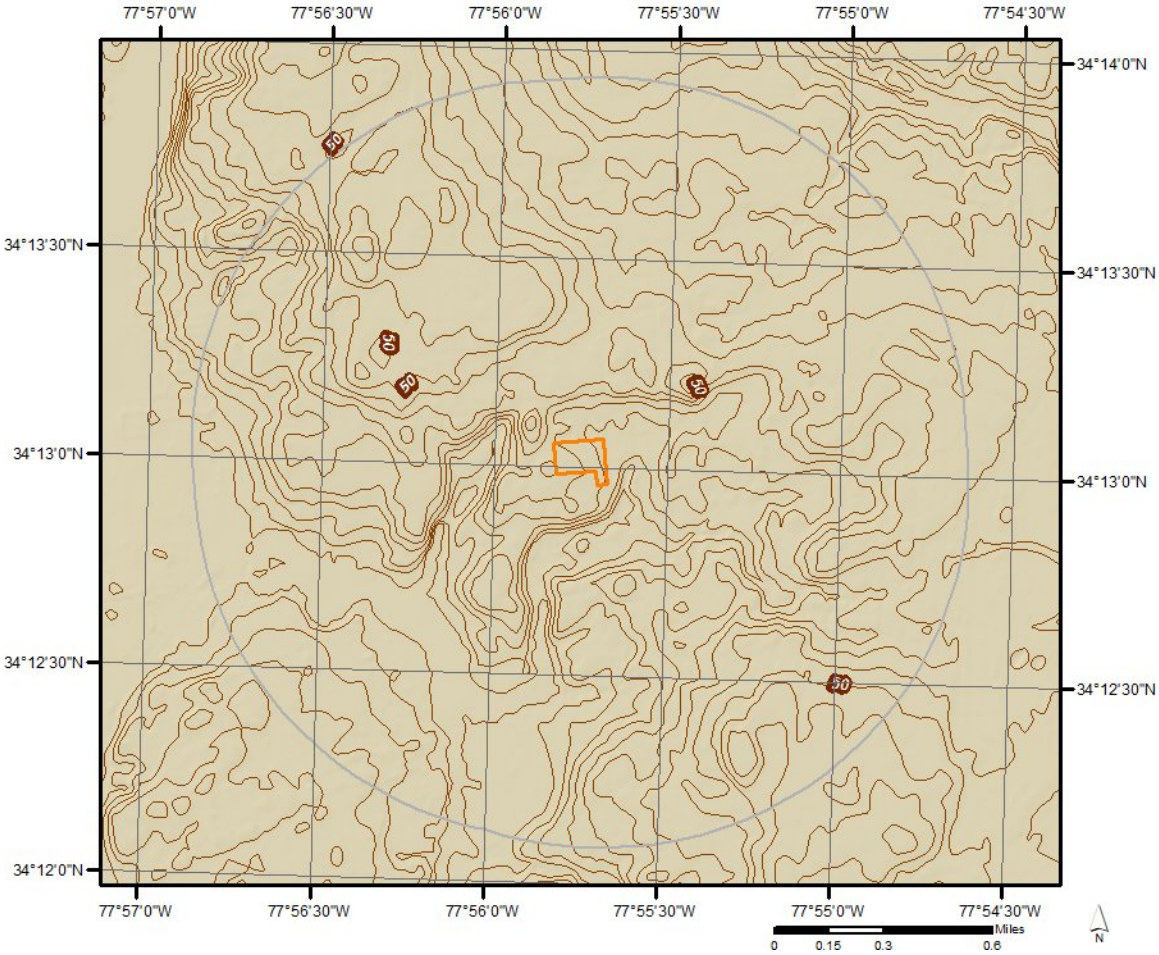
Source: USGS 7.5 Minute Topographic Map

Topographic Information

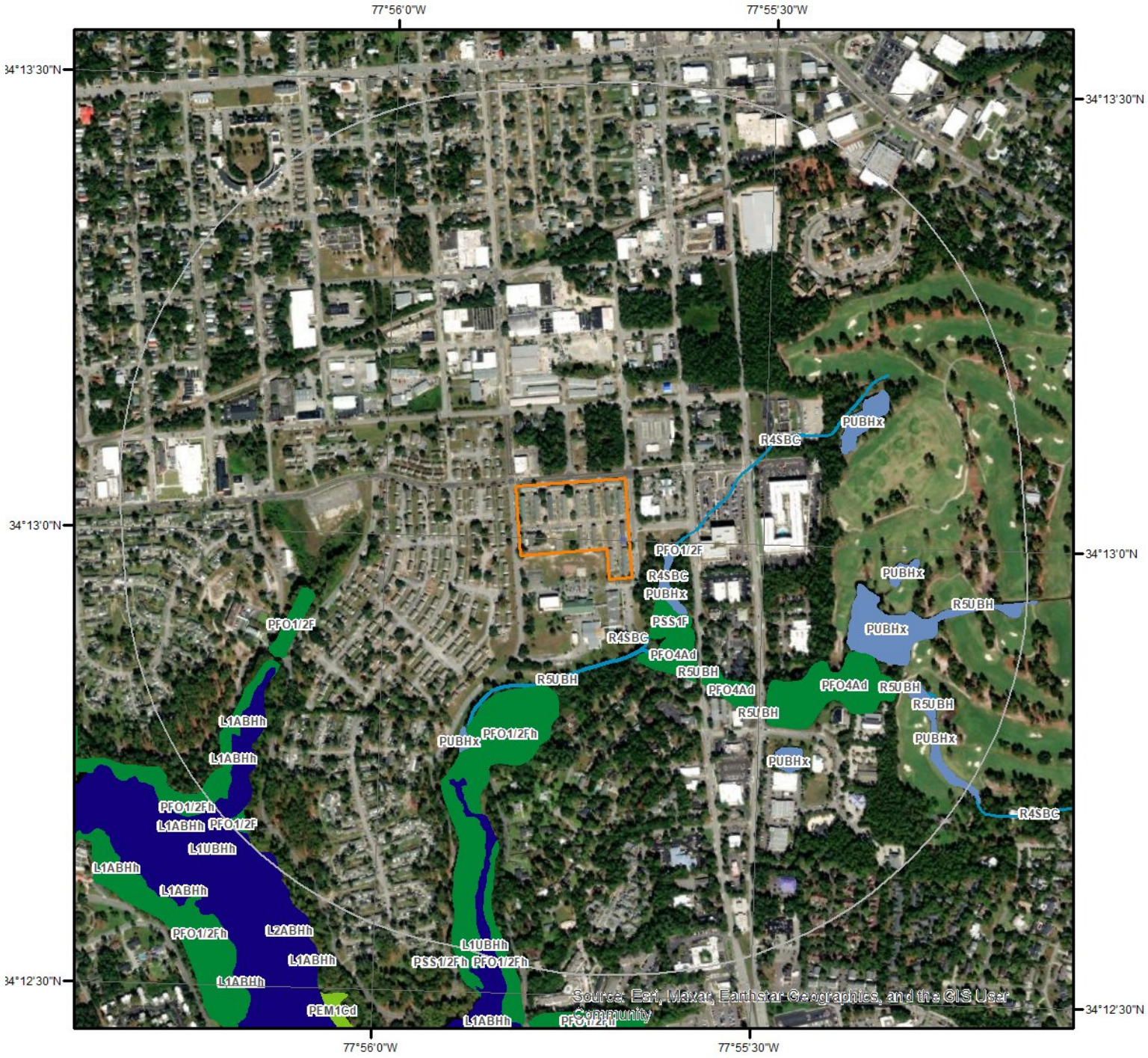
The previous topographic map(s) are created by seamlessly merging and cutting current USGS topographic data. Below are shaded relief map(s), derived from USGS elevation data to show surrounding topography in further detail.

Topographic information at project property:

Elevation:	27.96 ft
Slope Direction:	NE



Hydrologic Information



Wetland

Miles
0 0.075 0.15 0.3
N

This map shows wetland existence using data from US Fish & Wildlife.
Data coverage is shown to the right. Gray indicates no data available in the area.

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

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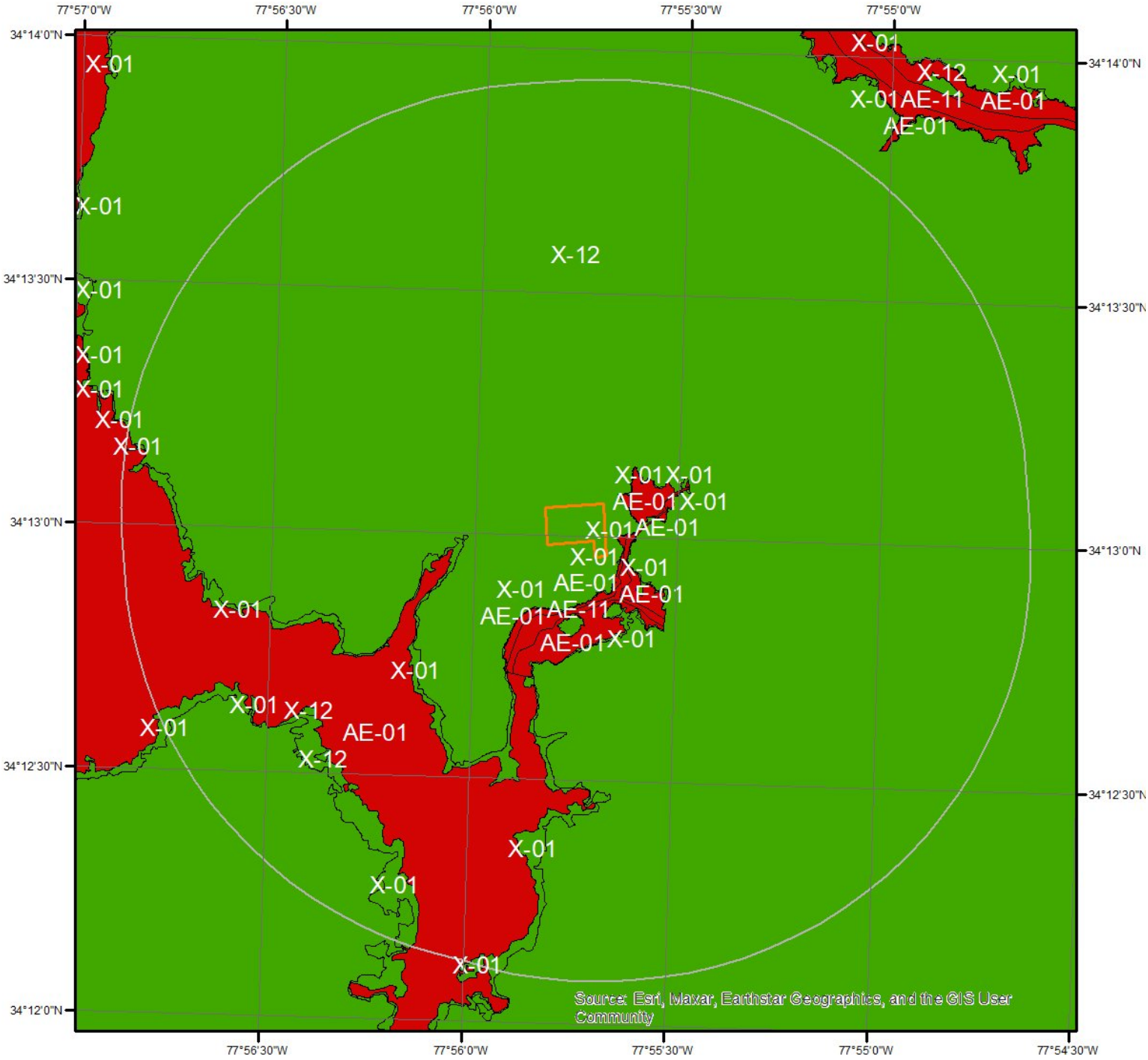
Hydrologic Information

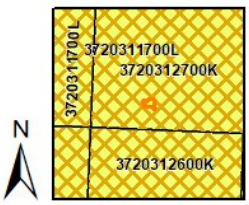


Flood Hazard Zones

Miles
0 0.2 0.4

This map shows FEMA flood hazard zones. FIRM panels are shown to the right, and blank indicates no data is available.

A	AO	X
A99	V	OPEN WATER
AE	VE	NOT POPULATED
AH	D	AREA NOT INCLUDED



Quadrangle(s): Wilmington,NC

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Hydrologic Information

The Wetland Type map shows wetland existence overlaid on an aerial imagery. The Flood Hazard Zones map shows FEMA flood hazard zones overlaid on an aerial imagery. Relevant FIRM panels and detailed zone information is provided below.
For detailed Zone descriptions please click the link: https://floodadvocate.com/fema-zone-definitions

Available FIRM Panels in area:	3720311700L(effective:2018-08-28) 3720311600L(effective:2018-08-28) 3720311700L(effective:2018-08-28) 3720312700K(effective:2018-08-28) 3720311600L(effective:2018-08-28) 3720312600K(effective:2018-08-28)

Flood Zone AE-01

Zone:	AE
Zone subtype:	

Flood Zone AE-11

Zone:	AE
Zone subtype:	FLOODWAY

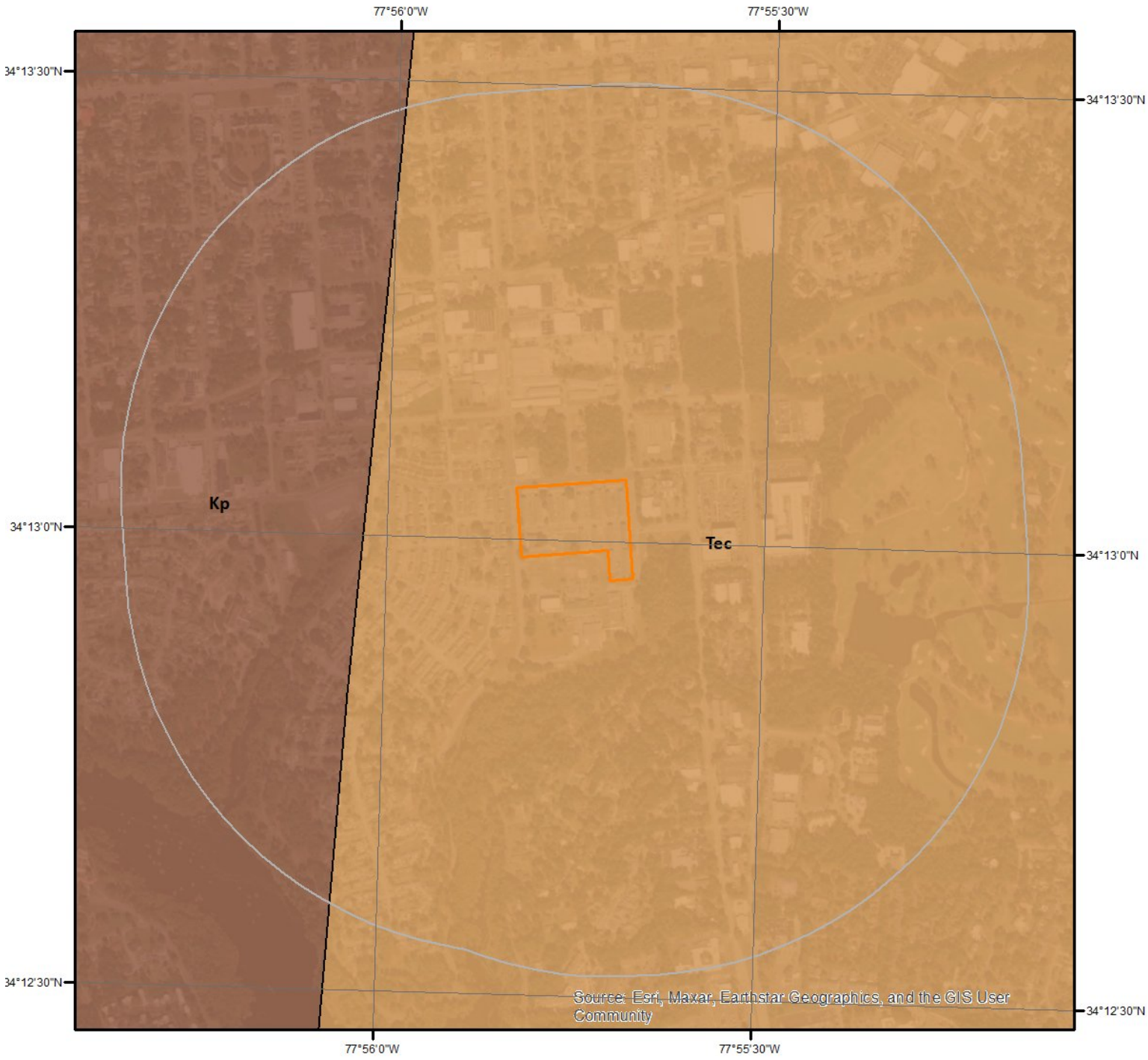
Flood Zone X-01

Zone:	X
Zone subtype:	0.2 PCT ANNUAL CHANCE FLOOD HAZARD

Flood Zone X-12

Zone:	X
Zone subtype:	AREA OF MINIMAL FLOOD HAZARD

Geologic Information



0 0.225 0.45 Miles

N

Geologic Units

This maps shows geologic units in the area. Please refer to the report for detailed descriptions.

ERIS

0 0.3 0.6 Miles

Geologic Information

The previous page shows USGS geology information. Detailed information about each unit is provided below.

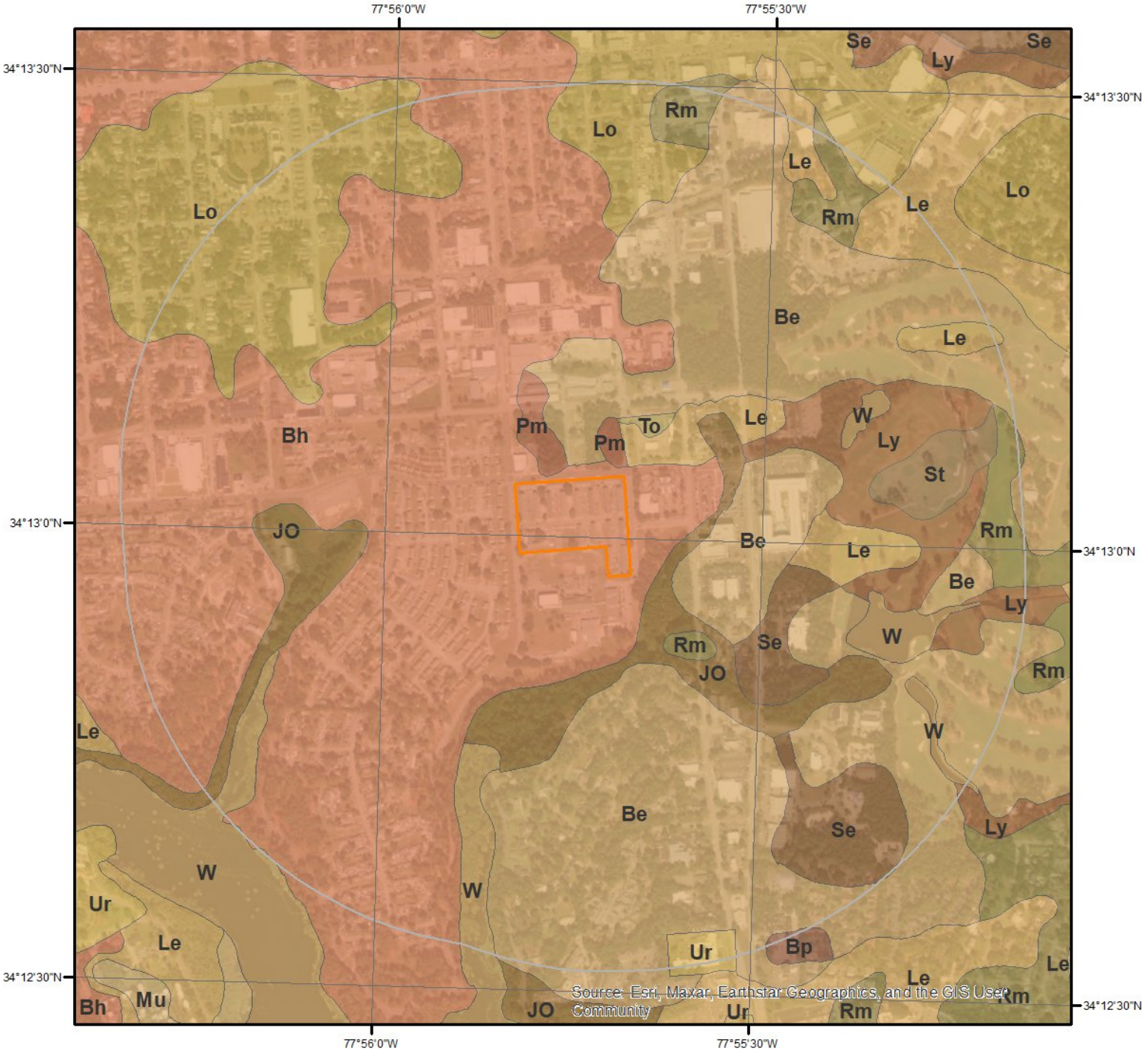
Geologic Unit Kp

Unit Name:	Peedee Formation
Unit Age:	Cretaceous
Primary Rock Type:	sand
Secondary Rock Type:	clay or mud
Unit Description:	Peedee Formation - sand, clayey sand, and clay, greenish gray to olive black, massive, glauconitic, locally fossiliferous and calcareous. Patches of sandy molluscan-mold limestone in upper part.

Geologic Unit Tec

Unit Name:	Castle Hayne Formation; Comfort Member and New Hanover Member, undivided
Unit Age:	Tertiary
Primary Rock Type:	limestone
Secondary Rock Type:	dolostone (dolomite)
Unit Description:	Comfort Member and New Hanover Member, undivided - Comfort Member: bryozoan-echinoid skeletal limestone, locally dolomitized, solution cavities common. New Hanover Member: phosphate-pebble conglomerate, micritic, thin; restricted to basal part of Castle Hayne Formation in southeastern counties.

Soil Information



SSURGO Soils

0 0.2 0.4 Miles N

This maps shows SSURGO soil units around the target property. Please refer to the report for detailed soil descriptions.

ERIS

Soil Information

The previous page shows a soil map using SSURGO data from USDA Natural Resources Conservation Service. Detailed information about each unit is provided below.

Map Unit Be (13.94%)

Map Unit Name:	Baymeade fine sand, 1 to 6 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	122cm
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.

Major components are printed below

Baymeade(90%)

horizon A(0cm to 5cm)	Fine sand
horizon E/Bh(5cm to 76cm)	Fine sand
horizon Bt(76cm to 102cm)	Fine sandy loam
horizon C(102cm to 203cm)	Loamy fine sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Be - Baymeade fine sand, 1 to 6 percent slopes

Component: Baymeade (90%)
The Baymeade component makes up 90 percent of the map unit. Slopes are 0 to 6 percent. This component is on low ridges on marine terraces, coastal plains. The parent material consists of loamy and sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 48 inches during January, February, December. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 3s. This soil does not meet hydric criteria.

Component: Lynn Haven (2%)
Generated brief soil descriptions are created for major soil components. The Lynn Haven, undrained soil is a minor component.

Component: Murville (2%)
Generated brief soil descriptions are created for major soil components. The Murville, undrained soil is a minor component.

Component: Leon (2%)
Generated brief soil descriptions are created for major soil components. The Leon soil is a minor component.

Component: Torhunta (2%)
Generated brief soil descriptions are created for major soil components. The Torhunta, undrained soil is a minor component.

Map Unit Bh (41.05%)

Map Unit Name:	Baymeade-Urban land complex 1 to 6 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	122cm
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.

Major components are printed below

Baymeade(45%)

horizon A(0cm to 5cm)	Fine sand

horizon E/Bh(5cm to 76cm)	Fine sand
horizon Bt(76cm to 102cm)	Fine sandy loam
horizon C(102cm to 203cm)	Loamy fine sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Bh - Baymeade-Urban land complex 1 to 6 percent slopes

Component: Baymeade (45%)
The Baymeade component makes up 45 percent of the map unit. Slopes are 0 to 6 percent. This component is on urban land, low ridges on marine terraces, coastal plains. The parent material consists of loamy and sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 48 inches during January, February, December. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 3s. This soil does not meet hydric criteria.

Component: Urban land (40%)
Generated brief soil descriptions are created for major soil components. The Urban land is a miscellaneous area.

Component: Murville (2%)
Generated brief soil descriptions are created for major soil components. The Murville, undrained soil is a minor component.

Component: Lynn Haven (2%)
Generated brief soil descriptions are created for major soil components. The Lynn Haven, undrained soil is a minor component.

Component: Torhunta (2%)
Generated brief soil descriptions are created for major soil components. The Torhunta, undrained soil is a minor component.

Component: Leon (2%)
Generated brief soil descriptions are created for major soil components. The Leon soil is a minor component.

Map Unit Bp (0.1%)

Map Unit Name:	Borrow pits
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Udorthents(100%)	
horizon C(0cm to 203cm)	Sandy clay loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Bp - Borrow pits

Component: Udorthents (100%)
The Udorthents, loamy component makes up 100 percent of the map unit. Slopes are 0 to 6 percent. This component is on spoil piles, ridges, coastal plains. The parent material consists of loamy mine spoil or earthy fill. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 0 percent. Nonirrigated land capability classification is 7e. This soil does not meet hydric criteria.

Soil Information

Map Unit JO (1.91%)

Map Unit Name:	Johnston soils
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	0cm
Drainage Class - Dominant:	Very poorly drained
Hydrologic Group - Dominant:	A/D - These soils have low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Johnston(90%)

horizon A(0cm to 76cm)	Mucky loam
horizon Cg1(76cm to 86cm)	Loamy fine sand
horizon Cg2(86cm to 203cm)	Fine sandy loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: JO - Johnston soils

Component: Johnston (90%)
The Johnston, undrained component makes up 90 percent of the map unit. Slopes are 0 to 2 percent. This component is on flood plains, coastal plains. The parent material consists of sandy and loamy alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is high. Shrink-swell potential is low. This soil is frequently flooded. It is frequently ponded. A seasonal zone of water saturation is at 0 inches during January, February, March, April, December. Organic matter content in the surface horizon is about 12 percent. Nonirrigated land capability classification is 7w. This soil meets hydric criteria.

Map Unit Le (4.06%)

Map Unit Name:	Leon sand
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	15cm
Drainage Class - Dominant:	Poorly drained
Hydrologic Group - Dominant:	A/D - These soils have low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Leon(80%)

horizon A(0cm to 8cm)	Sand
horizon E(8cm to 38cm)	Sand
horizon Bh(38cm to 76cm)	Fine sand
horizon BE(76cm to 84cm)	Fine sand
horizon E'(84cm to 168cm)	Fine sand
horizon B'h(168cm to 203cm)	Fine sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Le - Leon sand

Component: Leon (80%)
The Leon component makes up 80 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats on marine terraces, coastal plains. The parent material consists of sandy fluviomarine deposits and/or eolian sands. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 6 inches during January, February, March, April, December. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 4w. This soil meets hydric criteria.

Soil Information

Map Unit Lo (27.02%)

Map Unit Name:	Leon-Urban land complex
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	15cm
Drainage Class - Dominant:	Poorly drained
Hydrologic Group - Dominant:	A/D - These soils have low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Leon(50%)

horizon A(0cm to 8cm)	Sand
horizon E(8cm to 38cm)	Sand
horizon Bh(38cm to 76cm)	Fine sand
horizon BE(76cm to 84cm)	Fine sand
horizon E'(84cm to 168cm)	Fine sand
horizon B'h(168cm to 203cm)	Fine sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Lo - Leon-Urban land complex

Component: Leon (50%)
The Leon component makes up 50 percent of the map unit. Slopes are 0 to 5 percent. This component is on urban land, flats on marine terraces, coastal plains. The parent material consists of sandy fluviomarine deposits and/or eolian sands. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 6 inches during January, February, March, April, December. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 4w. This soil meets hydric criteria.

Component: Urban land (35%)
Generated brief soil descriptions are created for major soil components. The Urban land is a miscellaneous area.

Map Unit Ly (3.16%)

Map Unit Name:	Lynn Haven fine sand
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	8cm
Drainage Class - Dominant:	Poorly drained
Hydrologic Group - Dominant:	A/D - These soils have low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Lynn Haven(85%)

horizon A(0cm to 23cm)	Sand
horizon E(23cm to 30cm)	Fine sand
horizon Bh(30cm to 203cm)	Sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Ly - Lynn Haven fine sand

Component: Lynn Haven (85%)
The Lynn Haven, undrained component makes up 85 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats on marine terraces, coastal plains. The parent material consists of sandy fluviomarine deposits and/or eolian sands. Depth to a root

restrictive layer is greater than 60 inches. The natural drainage class is poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 3 inches during January, February, March, December. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 4w. This soil meets hydric criteria. There are no saline horizons within 30 inches of the soil surface.

Map Unit Pm (0.2%)

Map Unit Name:	Pamlico muck
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	0cm
Drainage Class - Dominant:	Very poorly drained
Hydrologic Group - Dominant:	A/D - These soils have low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Pamlico(80%)

horizon Oa(0cm to 76cm)	Muck
horizon Cg(76cm to 203cm)	Loamy sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Pm - Pamlico muck

Component: Pamlico (80%)
The Pamlico, undrained component makes up 80 percent of the map unit. Slopes are 0 to 1 percent. This component is on flood plains, coastal plains. The parent material consists of organic material over sandy alluvium. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is very high. Shrink-swell potential is low. This soil is frequently flooded. It is frequently ponded. A seasonal zone of water saturation is at 0 inches during January, February, March, April, May, June, July, August, November, December. Organic matter content in the surface horizon is about 50 percent. Nonirrigated land capability classification is 7w. This soil meets hydric criteria.

Map Unit Rm (0.96%)

Map Unit Name:	Rimini sand, 1 to 6 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Excessively drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.

Major components are printed below

Rimini(90%)

horizon A(0cm to 10cm)	Sand
horizon E(10cm to 147cm)	Sand
horizon Bh(147cm to 203cm)	Sand
horizon C(203cm to 224cm)	Sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Rm - Rimini sand, 1 to 6 percent slopes

Component: Rimini (90%)
The Rimini component makes up 90 percent of the map unit. Slopes are 0 to 6 percent. This component is on rims on Carolina Bays, coastal plains. The parent material consists of eolian sands and/or sandy fluviomarine deposits. Depth to a root restrictive layer is

greater than 60 inches. The natural drainage class is excessively drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is very low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 6s. This soil does not meet hydric criteria.

Component: Leon (5%)
Generated brief soil descriptions are created for major soil components. The Leon soil is a minor component.

Map Unit Se (1.07%)

Map Unit Name:	Seagate fine sand
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	61cm
Drainage Class - Dominant:	Moderately well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Seagate(85%)

horizon Ap(0cm to 20cm)	Fine sand
horizon E(20cm to 30cm)	Fine sand
horizon Bh(30cm to 71cm)	Fine sand
horizon E'(71cm to 91cm)	Fine sand
horizon Bt(91cm to 102cm)	Sandy loam
horizon Btg(102cm to 203cm)	Clay loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Se - Seagate fine sand

Component: Seagate (85%)
The Seagate component makes up 85 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats on marine terraces, coastal plains. The parent material consists of sandy and loamy fluviomarine deposits and/or marine deposits. Depth to a root restrictive layer, strongly contrasting textural stratification, is 20 to 40 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 24 inches during January, February, March, December. Organic matter content in the surface horizon is about 1 percent. Nonirrigated land capability classification is 3w. This soil does not meet hydric criteria.

Component: Leon (5%)
Generated brief soil descriptions are created for major soil components. The Leon soil is a minor component.

Map Unit St (0.37%)

Map Unit Name:	Stallings fine sand
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	53cm
Drainage Class - Dominant:	Somewhat poorly drained
Hydrologic Group - Dominant:	A/D - These soils have low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Stallings(80%)

horizon A(0cm to 20cm)	Loamy sand
horizon E(20cm to 30cm)	Loamy sand
horizon Btg(30cm to 107cm)	Sandy loam
horizon BCg(107cm to 203cm)	Loamy sand

Stallings(10%)

horizon A(0cm to 20cm)	Loamy sand
horizon E(20cm to 30cm)	Loamy sand
horizon B(30cm to 107cm)	Sandy loam
horizon BC(107cm to 203cm)	Loamy sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: St - Stallings fine sand

Component: Stallings (80%)
The Stallings, drained component makes up 80 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats on marine terraces, coastal plains. The parent material consists of loamy and sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 21 inches during January, February, March. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 2w. This soil does not meet hydric criteria.

Component: Stallings (10%)
The Stallings, undrained component makes up 10 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats on marine terraces, coastal plains. The parent material consists of loamy and sandy marine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is somewhat poorly drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 21 inches during January, February, March, April, December. Organic matter content in the surface horizon is about 3 percent. Nonirrigated land capability classification is 3w. This soil does not meet hydric criteria.

Component: Woodington (5%)
Generated brief soil descriptions are created for major soil components. The Woodington, undrained soil is a minor component.

Component: Rains (2%)
Generated brief soil descriptions are created for major soil components. The Rains, undrained soil is a minor component.

Map Unit To (0.04%)

Map Unit Name:	Torhunta loamy fine sand
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	0cm
Drainage Class - Dominant:	Very poorly drained
Hydrologic Group - Dominant:	A/D - These soils have low runoff potential when drained and high runoff potential when undrained.

Major components are printed below

Torhunta(80%)

horizon Ap(0cm to 30cm)	Mucky fine sandy loam
horizon Bg(30cm to 94cm)	Fine sandy loam
horizon Cg(94cm to 203cm)	Loamy sand

Torhunta(10%)

horizon A(0cm to 30cm)	Mucky fine sandy loam
horizon Bg(30cm to 94cm)	Fine sandy loam
horizon Cg(94cm to 203cm)	Loamy sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: To - Torhunta loamy fine sand

Component: Torhunta (80%)

Soil Information

The Torhunta, drained component makes up 80 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats on marine terraces, depressions, coastal plains. The parent material consists of sandy and loamy alluvium and/or fluviomarine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 0 inches during January, February, December. Organic matter content in the surface horizon is about 12 percent. Nonirrigated land capability classification is 3w. This soil meets hydric criteria.

Component: Torhunta (10%)
The Torhunta, undrained component makes up 10 percent of the map unit. Slopes are 0 to 2 percent. This component is on flats on marine terraces, depressions, coastal plains. The parent material consists of sandy and loamy alluvium and/or fluviomarine deposits. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is very poorly drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is low. This soil is not flooded. It is not ponded. A seasonal zone of water saturation is at 0 inches during January, February. Organic matter content in the surface horizon is about 12 percent. Nonirrigated land capability classification is 6w. This soil meets hydric criteria.

Map Unit Ur (0.14%)

Map Unit Name: Urban land

No more attributes available for this map unit

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Ur - Urban land

Component: Urban land (90%)
Generated brief soil descriptions are created for major soil components. The Urban land is a miscellaneous area.

Map Unit W (5.96%)

Map Unit Name: Water

No more attributes available for this map unit

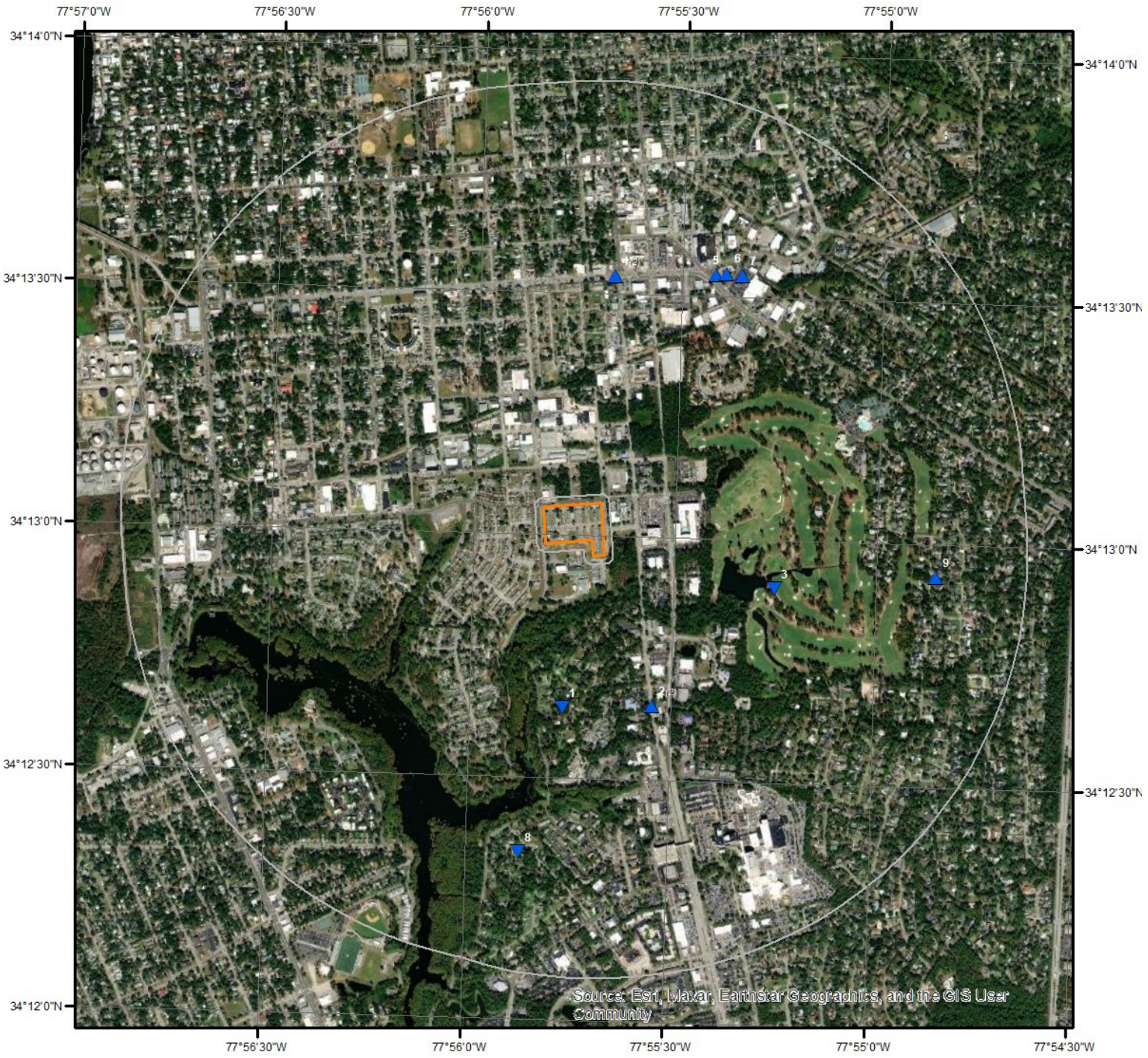
Component Description:

Minor map unit components are excluded from this report.

Map Unit: W - Water

Component: Water (100%)
Generated brief soil descriptions are created for major soil components. The Water is a miscellaneous area.

Wells and Additional Sources



Wells & Additional Sources

N

0 0.15 0.3 0.6 Miles

- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- OGW Sites with Higher Elevation
- OGW Sites with Same Elevation
- OGW Sites with Lower Elevation
- OGW Sites with Unknown Elevation

ERIS

Wells and Additional Sources Summary

Federal Sources

Public Water Systems Violations and Enforcement Data

Map Key	PWS ID	Distance (ft)	Direction
2	NC0465616	1973.54	SSE
4	NC7071008	2833.70	N

Safe Drinking Water Information System (SDWIS)

Map Key	PWS ID	Distance (ft)	Direction
2	NC0465616	1973.54	SSE
4	NC7071008	2833.70	N

USGS National Water Information System

Map Key	Site Number	Distance (ft)	Direction
1	USGS-341238077554701	1934.65	S
3	USGS-341254077551501	2157.49	ESE
5	USGS-341332077552601	3183.38	NNE
6	USGS-341333077552301	3265.17	NNE
7	USGS-341332077552201	3340.28	NE
8	USGS-341220077555301	3818.82	S
9	USGS-341256077545101	4146.01	E

Wells from NWIS

Map Key	ID	Distance (ft)	Direction
	No records found		

State Sources

Oil and Gas Wells

Map Key	ID	Distance (ft)	Direction
	No records found		

Public Water Supply Sources

Map Key	ID	Distance (ft)	Direction
	No records found		

Underground Injection Control Wells

Map Key	ID	Distance (ft)	Direction
	No records found		

Wells and Additional Sources Summary

Water Distribution Wells

Map Key	ID	Distance (ft)	Direction
	No records found		

Public Water Systems Violations and Enforcement Data

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	SSE	0.37	1,973.54	30.20	PWSV

Address Line 2: 1960 S 16TH ST
State Code: NC
Zip Code: 28403
City Name: WILMINGTON
Address Line 1:
PWS ID: NC0465616
PWS Type Code: NTNCWS
PWS Type Description: Non-Transient Non-Community Water System
Primary Source Code: GW
Primary Source Desc: Groundwater
PWS Activity Code: I
PWS Activity Description: Inactive
PWS Deactivation Date: 20/08/2005
Phone Number:

--Details--
Population Served Count: 150
City Served: WILMINGTON
County Served:
State Served: NC
Zip Code Served:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	N	0.54	2,833.70	34.35	PWSV

Address Line 2:
State Code: NC
Zip Code: 28443
City Name: HAMPSTEAD
Address Line 1: 1581 US 17 NORTH
PWS ID: NC7071008
PWS Type Code: TNCWS
PWS Type Description: Transient Non-Community Water System
Primary Source Code: GW
Primary Source Desc: Groundwater
PWS Activity Code: I
PWS Activity Description: Inactive
PWS Deactivation Date: 23/07/2007
Phone Number: 910-270-8956

Wells and Additional Sources Detail Report

--Details--

Population Served Count: 30
City Served: HAMPSTEAD
County Served: Pender
State Served: NC
Zip Code Served:

Safe Drinking Water Information System (SDWIS)

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	SSE	0.37	1,973.54	30.20	SDWIS

PWS ID: NC0465616
PWS Type: Non-Transient non-community system
No of Facilities: 2
No of Violations: 2
No of Site Visits: 11
Cities Served: WILMINGTON
Counties Served: New Hanover
Population Served Count: 150
Primacy Agency: North Carolina
EPA Region: Region 4

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	N	0.54	2,833.70	34.35	SDWIS

PWS ID: NC7071008
PWS Type: Transient non-community system
No of Facilities: 4
No of Violations: 8
No of Site Visits: 5
Cities Served: HAMPSTEAD
Counties Served: Pender
Population Served Count: 30
Primacy Agency: North Carolina
EPA Region: Region 4

USGS National Water Information System

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
1	S	0.37	1,934.65	22.38	FED USGS

Reporting Agency: USGS North Carolina Water Science Center
Site Number: USGS-341238077554701
Station Name: NH-287 G LAMICA
Site Type: Well
Latitude: 34.21072579000000

Longitude: -77.9294318000000
Date Drilled:
Well Depth:
Well Depth Unit:
Well Hole Depth:
W Hole Depth Unit:
Formation Type: Castle Hayne Limestone

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	ESE	0.41	2,157.49	22.71	FED USGS

Reporting Agency: USGS North Carolina Water Science Center
Site Number: USGS-341254077551501
Station Name: NH-880 NR WILMINGTON, NC (PEEDEE)
Site Type: Well
Latitude: 34.21500000000000
Longitude: -77.9208333000000
Date Drilled:
Well Depth: 120
Well Depth Unit: ft
Well Hole Depth:
W Hole Depth Unit:
Formation Type: Peedee Formation

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	NNE	0.60	3,183.38	29.72	FED USGS

Reporting Agency: USGS North Carolina Water Science Center
Site Number: USGS-341332077552601
Station Name: NH-540 PEPSI COLA BOTTLING DD 31J2
Site Type: Well
Latitude: 34.22572558000000
Longitude: -77.9235982000000
Date Drilled:
Well Depth: 110
Well Depth Unit: ft
Well Hole Depth:
W Hole Depth Unit:
Formation Type: Peedee Formation

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	NNE	0.62	3,265.17	30.38	FED USGS

Reporting Agency: USGS North Carolina Water Science Center
Site Number: USGS-341333077552301

Wells and Additional Sources Detail Report

Station Name:	NH-965 NR WILMINGTON, NC (CASTLE HAYNE)
Site Type:	Well
Latitude:	34.22579167000000
Longitude:	-77.9231472000000
Date Drilled:	20051205
Well Depth:	44
Well Depth Unit:	ft
Well Hole Depth:	44
W Hole Depth Unit:	ft
Formation Type:	Peedee Formation

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
7	NE	0.63	3,340.28	28.78	FED USGS

Reporting Agency:	USGS North Carolina Water Science Center
Site Number:	USGS-341332077552201
Station Name:	NH-539 PEPSI COLA BOTTLING DD 31J1
Site Type:	Well
Latitude:	34.22572558000000
Longitude:	-77.9224870800000
Date Drilled:	
Well Depth:	75
Well Depth Unit:	ft
Well Hole Depth:	
W Hole Depth Unit:	
Formation Type:	Peedee Formation

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
8	S	0.72	3,818.82	8.23	FED USGS

Reporting Agency:	USGS North Carolina Water Science Center
Site Number:	USGS-341220077555301
Station Name:	NH-288
Site Type:	Well
Latitude:	34.20572586000000
Longitude:	-77.9310984800000
Date Drilled:	
Well Depth:	
Well Depth Unit:	
Well Hole Depth:	
W Hole Depth Unit:	
Formation Type:	Peedee Formation

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	E	0.79	4,146.01	40.27	FED USGS

Wells and Additional Sources Detail Report

Reporting Agency:	USGS North Carolina Water Science Center
Site Number:	USGS-341256077545101
Station Name:	NH-1005 NR WILMINGTON, NC (SURFICIAL)
Site Type:	Well
Latitude:	34.21555556000000
Longitude:	-77.9141667000000
Date Drilled:	
Well Depth:	
Well Depth Unit:	
Well Hole Depth:	
W Hole Depth Unit:	
Formation Type:	

Radon Information

This section lists any relevant radon information found for the target property.

Federal EPA Radon Zone for *NEW HANOVER* County: **3**

Zone 1: Counties with predicted average indoor radon screening levels greater than 4 pCi/L
Zone 2: Counties with predicted average indoor radon screening levels from 2 to 4 pCi/L
Zone 3: Counties with predicted average indoor radon screening levels less than 2 pCi/L

Federal Area Radon Information for *NEW HANOVER* County

No Measures/Homes:	70
Arithmetic Mean:	0.6
Maximum:	4
Minimum:	0
Notes on Data Table:	TABLE 1. Summary of screening indoor radon data in North Carolina from the EPA/State Residential Radon Survey, the North Carolina Cooperative Extension Service Radon Survey, and non-random data collected from vendors of charcoal canister radon detectors. Data represent 2-7 day screening tests.

Appendix

Federal Sources

FEMA National Flood Hazard Layer — **FEMA FLOOD**

The National Flood Hazard Layer (NFHL) data incorporates Flood Insurance Rate Map (FIRM) databases published by the Federal Emergency Management Agency (FEMA), and any Letters Of Map Revision (LOMRs) that have been issued against those databases since their publication date. The FIRM Database is the digital, geospatial version of the flood hazard information shown on the published paper FIRMs. The FIRM Database depicts flood risk information and supporting data used to develop the risk data. The FIRM Database is derived from Flood Insurance Studies (FISs), previously published FIRMs, flood hazard analyses performed in support of the FISs and FIRMs, and new mapping data, where available.

Indoor Radon Data — **INDOOR RADON**

Indoor radon measurements tracked by the Environmental Protection Agency(EPA) and the State Residential Radon Survey.

Public Water Systems Violations and Enforcement Data — **PWSV**

List of drinking water violations and enforcement actions from the Safe Drinking Water Information System (SDWIS) made available by the Drinking Water Protection Division of the US EPA's Office of Groundwater and Drinking Water. Enforcement sensitive actions are not included in the data released by the EPA. Address information provided in SWDIS may correspond either with the physical location of the water system, or with a contact address.

Radon Zone Level — **RADON ZONE**

Areas showing the level of Radon Zones (level 1, 2 or 3) by county. This data is maintained by the Environmental Protection Agency (EPA).

Safe Drinking Water Information System (SDWIS) — **SDWIS**

The Safe Drinking Water Information System (SDWIS) contains information about public water systems as reported to US Environmental Protection Agency (EPA) by the states. Addresses may correspond with the location of the water system, or with a contact address.

Soil Survey Geographic database — **SSURGO**

The Soil Survey Geographic database (SSURGO) contains information about soil as collected by the National Cooperative Soil Survey at the Natural Resources Conservation Service (NRCS). Soil maps outline areas called map units. The map units are linked to soil properties in a database. Each map unit may contain one to three major components and some minor components.

U.S. Fish & Wildlife Service Wetland Data — **US WETLAND**

The U.S. Fish & Wildlife Service Wetland layer represents the approximate location and type of wetlands and deepwater habitats in the United States.

USGS Current Topo — **US TOPO**

US Topo topographic maps are produced by the National Geospatial Program of the U.S. Geological Survey (USGS). The project was launched in late 2009, and the term "US Topo" refers specifically to quadrangle topographic maps published in 2009 and later.

USGS Geology — **US GEOLOGY**

Seamless maps depicting geological information provided by the United States Geological Survey (USGS).

USGS National Water Information System — **FED USGS**

The U.S. Geological Survey (USGS)'s National Water Information System (NWIS) is the nation's principal repository of water resources data. This database includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data.

Wells from NWIS — **FED USGS**

The U.S. Geological Survey's National Water Information System (NWIS) is the nation's principal repository of water resources data. The NWIS includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data. This NWIW dataset contains select Site Types from the overall NWIS Sites data, limited to the following Group Site Types only: Groundwater Group Site Types: Well, Collector or Ranney type well, Hyporheic-zone well,

Interconnected Wells, Multiple wells; Spring Group Site Type: Spring; and Other Group Site Types: Aggregate groundwater use, Cistern.

State Sources

Oil and Gas Wells **OGW**

As of NC state regulatory agencies, FracTracker Alliance - state of North Carolina confirmed not to have any active (drilled but not plugged) oil and gas wells.

Public Water Supply Sources **PWSS**

The North Carolina Department of Environmental Quality (DEQ), Division of Environmental Health, Public Water Supply Section in cooperation with the NC Center for Geographic Information and Analysis, tracks the locations of public water supply system sources in North Carolina.

Underground Injection Control Wells **UIC**

This list of Underground Injection Control Wells is made available by the North Carolina Department of Environment and Natural Resources.

Water Distribution Wells **WATER WELLS**

The North Carolina Rural Economic Development Center (NCREDC) in conjunction with Hobbs, Upchurch & Associates developed digital well locations data by individual system owners as required by contract. The data collected was to facilitate planning, siting and impact analysis in the 70 individual counties of North Carolina. This data contains information on groundwater intake wells, including: Well ID, construction date, latest renovation date, and safe yield. There has been no plan by the NCREDC or Hobbs, Upchurch & Associates to update this database.

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Appendix V: Site Photographs



1 - View of road affording access to central portion of subject property from S 13th Street



2 - View of southeastern portion of the subject property



3 - View of subject property



4 - View of community center on southwestern portion



5 - View of tenant space



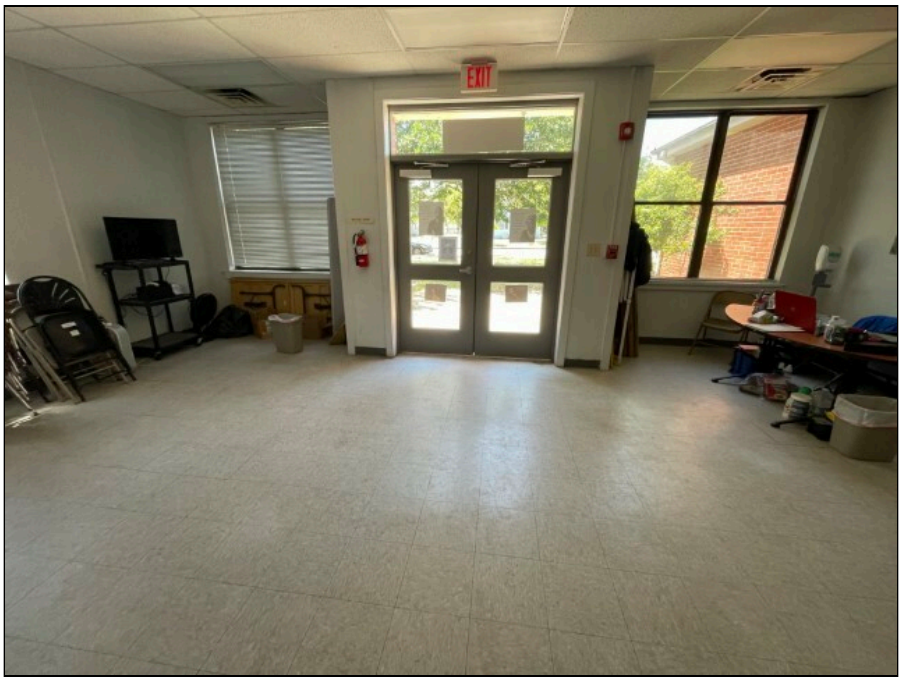
6 - View of playground and grassed land on southwestern portion



7 - View of interior of vacant tenant space



8 - View of interior of vacant tenant space



9 - View of community center meeting room



10 - View of hallway inside community center



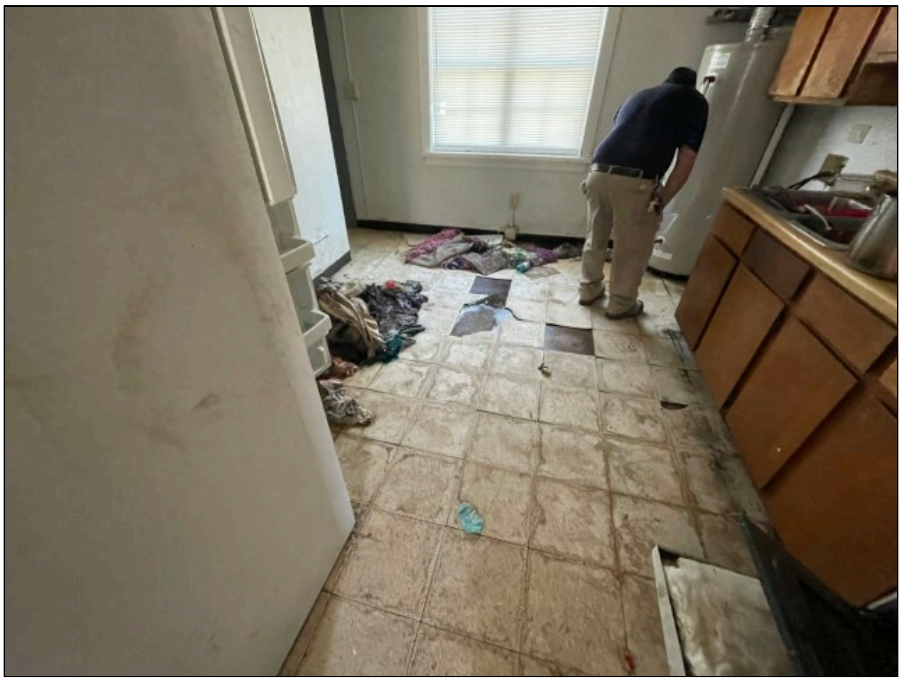
11 - View of kitchen inside community center



12 - View of office space inside community center



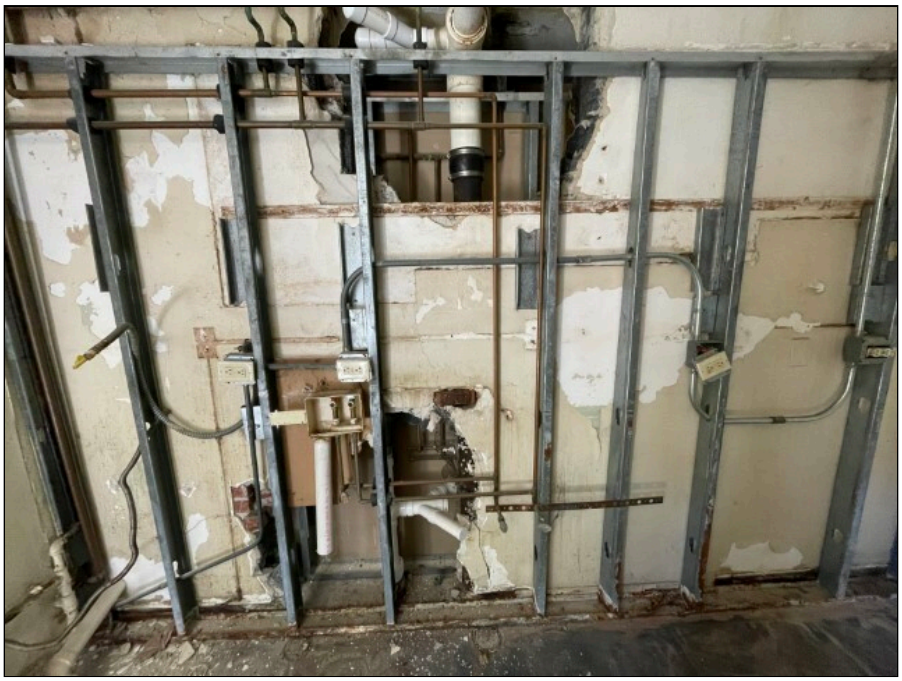
13 - View of laundry room inside community center



14 - View of interior of vacant tenant space



15 - View of restroom



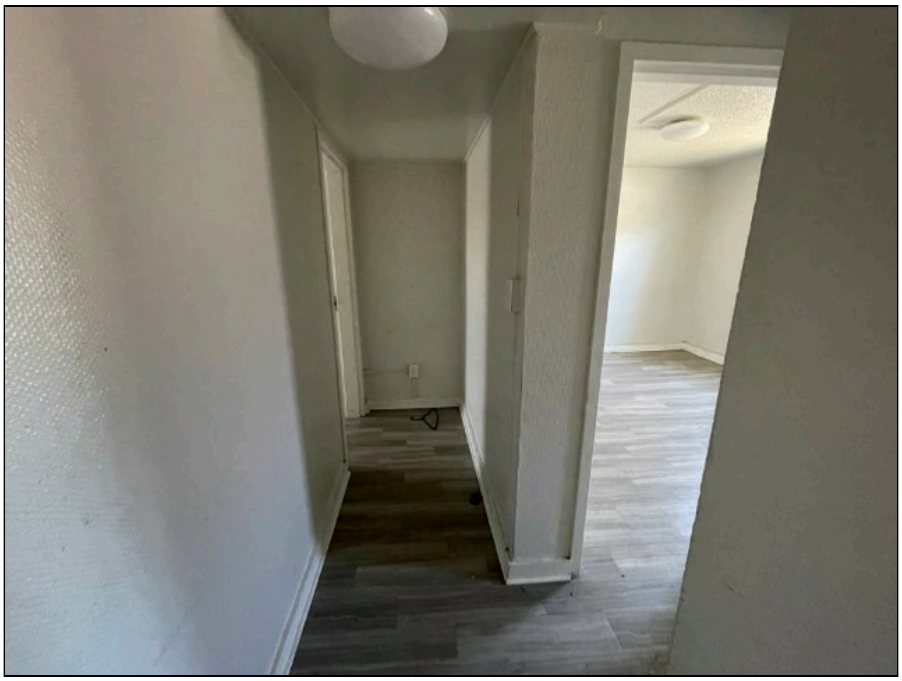
16 - View of interior of vacant tenant structure



17 - View of floor of interior space



18 - View of interior of vacant tenant space



19 - View of remodeled vacant tenant space



20 - View of dumpsters on the northern portion



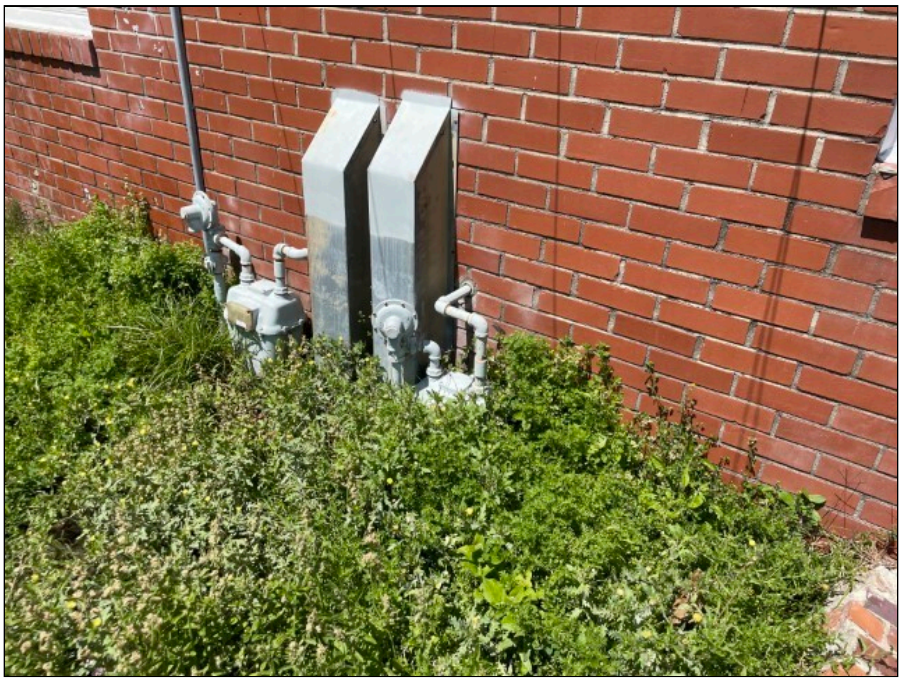
21 - View of northern adjoining church



22 - View of lift station on central portion



23 - View of electrical HVAC servicing community center



24 - View of natural gas meter



25 - View of northern adjoining Family Dollar



26 - View of northern adjoining on-going construction



27 - View of eastern adjoining office building



28 - View of southern adjoining school



29 - View of western adjoining residential development

Appendix VI: Statement of Qualifications

ECS Group of Companies

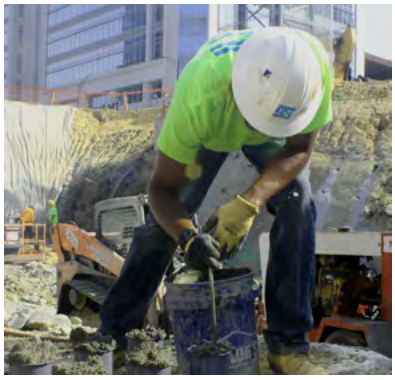
Statement of Qualifications

2023

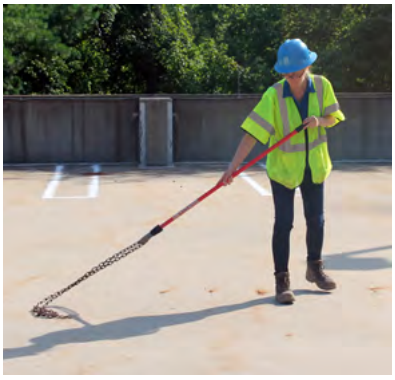
CONSTRUCTION MATERIALS

FACILITIES









GEOTECHNICAL

ENVIRONMENTAL

COMPANY OVERVIEW



2,200
employees

80+
locations

30+
years' experience

ABOUT OUR COMPANY

Engineering Consulting Services (ECS) is one of the largest and most rapidly growing engineering and consulting companies in the US. Founded in 1988, ECS is a leader in geotechnical, environmental, construction materials and facilities engineering. We are currently ranked 64 in *Engineering News-Record's* Top 500 Design Firms (April 2022) and 38 in Zweig Group's 2022 Hot Firms.

ECS CORE SERVICES

- Geotechnical
- Construction Materials

ECS FOOTPRINT

Whether your project requires local project management, specialty expertise or both, we have you covered. ECS provides the best of both worlds - the attention your projects deserve from our local team, coupled with abundant staffing and technical resources. With 2,200 employees, ECS has grown to more than 80 locations spread across the Mid-Atlantic, Midwest, Southeast and Southwest.

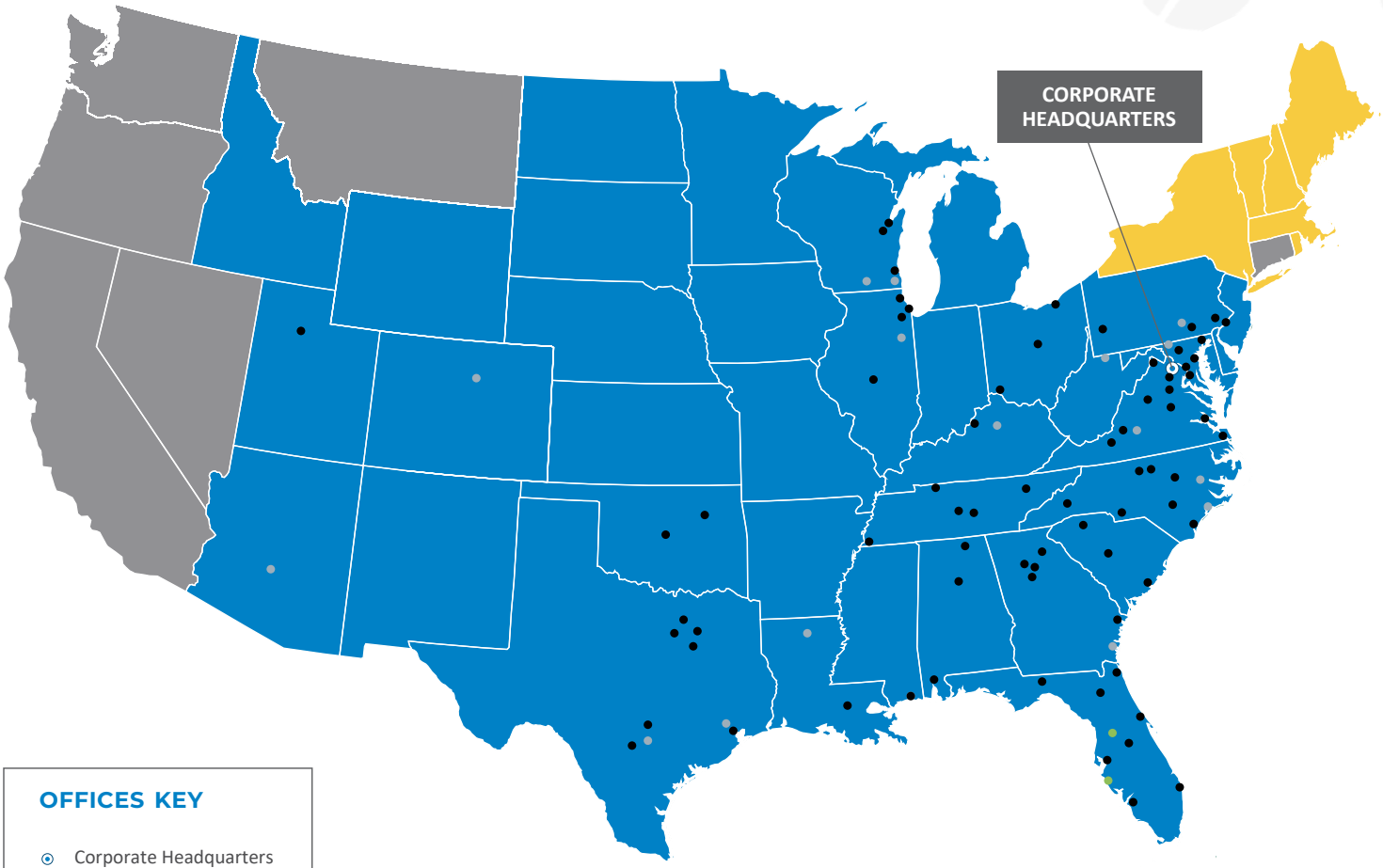
WHY ECS? WE HAVE GRIT.

What does that mean for you? That one descriptive word defines our company culture. It sets just the right tone for what our clients can expect our team to deliver each and every day. At ECS, GRIT is made up of four characteristics: guts, resilience, initiative and tenacity. Our boots are made for working. Click here for an inside look at what we do, who we are and why we have GRIT.

As a culture of doers, we roll up our sleeves and use our skills to help solve problems. We hustle.

WHEREVER YOUR PROJECT TAKES YOU, ECS HAS...

BOOTS ON THE GROUND



OFFICES KEY

- Corporate Headquarters
- Full Service Office
- Testing Services Office
- Drilling Services Office

SERVICES KEY

Materials Testing Service Area is approximately a 75-mile radius around each office.

- Environmental and Facilities
- Geotechnical, Environmental, Materials Testing, and Facilities
- Geotechnical, Environmental, and Facilities

DUE DILIGENCE





As part of typical commercial, industrial and residential real estate transactions, many services need to be completed prior to closing that should not be overlooked. ECS provides environmental and engineering due diligence services common to real estate transaction-driven work, including:

Environmental Due Diligence Services:

- Phase I Environmental Site Assessments (ESAs)
- Wetland and Stream Determination and Delineation Services
- Phase II Environmental Site Assessments (ESAs)
- Underground Storage Tank (UST) Assessments and Closures
- Environmental Transaction Screens (ETS)
- Regulatory Record Reviews
- HUD Assessments
- Endangered Species Assessments
- Historical and Cultural Surveys/Assessments
- Radon Assessment
- Asbestos Surveys and Abatement Design
- Lead-Based Paint Surveys and Abatement Design
- Microbial and Indoor Air Quality Assessments
- Vapor Intrusion Assessments
- Fannie Mae and Freddie Mac Assessments
- Contaminated soil management plans

Facilities Due Diligence Services:

- Accessibility Consulting
- Bank Draw Review
- Pre and Post Construction Surveys
- Property Condition Assessments (PCAs)
- Forensic Investigations
- GPR Surveys
- EIFS Services

Engineering Due Diligence Services:

- Subsurface Geotechnical Explorations
- Test Pit Evaluations
- Seismic Studies
- Cost estimating for construction
- Geologic Assessments

SAMANTHA POTTER

ENVIRONMENTAL SCIENTIST

CERTIFICATIONS

ACI: Concrete

WACEL: Soils

HAZWOPER

Radiation Safety for NUKE

SKILLS

Phase I ESAs

Field Reports

Concrete Testing

Soil Sampling

EDUCATION

Bachelor of Science, 2020,Environmental and Earth Science, Minor in Biology, University of North Carolina at Charlotte, Charlotte, NC

PROFESSIONAL PROFILE

Ms. Potter is an Environmental Scientist responsible for coordinating and preparing Phase I and II Environmental Site Assessments, environmental soil and groundwater sampling programs, site characterization reports, underground storage tank removal and remediation, state voluntary cleanup programs, risk assessments and hazardous materials surveys, environmental impact statements, and wetland delineation studies.

PROJECT EXPERIENCE

- Ramada Inn, Raleigh North Carolina
- Proposed Dollar General, Gibson, NC
- Proposed Grove 98, Wake Forest, NC
- Bedford Phase 5, Raeford, NC
- Alpaca Chicken, Durham, NC
- Morgan Automotive, Durham, NC

BRYCEN BRASWELL

ENVIRONMENTAL SCIENTIST



CERTIFICATIONS

HAZWOPER

SKILLS

Phase I Environmental Site Assessments

EDUCATION

Bachelor of Arts, 2021, Environmental Studies, University of North Carolina Wilmington, Wilmington, NC

PROFESSIONAL PROFILE

Mr. Braswell is an environmental scientist for ECS Southeast. He has experience with Phase I Environmental Site Assessments, site characterization reports, risk assessments. Mr. Braswell is responsible for writing daily reports such as environmental assessments and observation work completed in the field to provide clients, contractors, engineers, architects, and code officials with a clear audit trail for projects.

PROJECT EXPERIENCE

Windsor Corporate Center, Leland, NC - Conducted a Phase I report for a vacant site off Mercantile Drive. My role in the project was to conduct a site reconnaissance and include the information provided from EDR into the document. The project was not very extensive because the lot was vacant and had little to no history of structures

Erma Norris Property, Supply, NC - Conducted a typical Phase I report. As a part of this Phase I, I performed a site reconnaissance as well as included the information obtained from EDR into the report. This parcel was a wooded-agricultural 30.5-acre lot in a rural area. There were no structures on the site so this Phase I was straight forward.

Jacksonville Baptist Church, Jacksonville, NC - Conducted a Phase I report for a church that was undergoing construction to become a middle school and high school. The project included the site reconnaissance and included information from EDR in the document. The project was extensive because the EDR database contained Fire Insurance Maps which indicated the presence of former residential structures on-site.

Former Mission Foods Plant, Kinston, NC - Conducted a Phase I report for a former Mission Foods Plant. The project was straightforward considering there had not been previous structures on the subject property. My role consisted of site reconnaissance and compiling database information from EDR. The subject property consisted of a warehouse structure that is approximately 5,900 square feet of space that was constructed in 1996.

Retail Strip Center, Morehead City, NC - Conducted a Phase I report for a retail strip center that consisted of Faircloth Realty and Construction, Rutherford Financial Group Inc., Holler Ventures Limited, and Sunshine Cleaners and Laundry from 1999 to present. The Sunshine Cleaners and Laundry facility within this strip center was an active drycleaner and had previously had compliance inspection violations with NCDEQ.

SHANNON PRIESTER

PROJECT MANAGER



CERTIFICATIONS

40-Hour HAZWOPER Training

8-Hour HAZWOPER Refresher Training

ASTM Technical Training and E-Learning

SKILLS

Phase I ESAs

EDUCATION

Bachelor of Arts, Environmental Studies and Sustainability, UNC-Greensboro, Greensboro, NC

PROFESSIONAL ORGANIZATIONS

North Carolina Association of Environmental Professionals (NCAEP)

Society of Women Environmental Professionals (SWEP)

American Society of Safety Processionals (ASSP)

PROFESSIONAL PROFILE

Ms. Priester has been with ECS since 2004. Currently, she serves as a Project Manager and is primarily responsible for conducting environmental Phase I Site Assessments. Ms. Priester has performed Phase I Environmental Site Assessments (ESAs) for more than five years to determine environmental liabilities for commercial, residential, institutional, industrial, and retail facilities. She has experience performing Phase I ESAs to evaluate on-site and off-site concerns that may impact the site. Ms. Priester meets the ASTM definition for an Environmental Professional (EP.

Her scope of work typically includes performance of an on-site and off- site reconnaissance, reviewing regulatory lists, obtaining and reviewing aerial photographs, topographic maps, Sanborn Fire Insurance Maps, city directories, and other published information. She is responsible for proposals and invoicing for each project she manages.

Ms. Priester also serves as the Southeast Environmental Regional Safety Manager and is responsible for participating in corporate and regional safety meetings, preparing required monthly safety documentation, preparing incident reports, and coordinating required medical monitoring for employees who perform work under OSHA standards. Ms. Serves as the Due Diligence Committee Chair and serves on the Safety Policy Committee.

PROJECT EXPERIENCE

- US Farming Realty Trust Site, Pamlico County, NC
- First Citizens Bank Sites, Various Locations Across NC
- Wells Fargo Bank Sites, Various Locations Across NC
- First National Bank of PA, Various Locations Across NC
- The Exchange on Erwin, Durham, NC
- HT Fuel Center Sites, Various Locations Across NC
- McDonalds USA, LLC, Various Locations Across NC
- Stromberg Foods, Goldsboro, NC
- Kingsdown Mattress, Mebane, NC
- Drive Shack, Raleigh, NC
- Project Trace, Roxboro, NC
- Wawa, Various Locations Across NC
- Arsenal Park, Fayetteville, NC
- Cary Town Center, Cary, NC
- University Mall, Chapel Hill, NC
- Xenith Bank Portfolio, Various Locations Across NC

JUSTIN ROTH, CHMM

ENVIRONMENTAL PRINCIPAL/ ENVIRONMENTAL REGIONAL MANAGER



REGISTRATIONS

Certified Hazardous Materials Manager: CHMM

CERTIFICATIONS

OSHA: 20 CFR 1910.146

Confined Space Entry

8-Hour; OSHA: 29 CFR 1910.120

HAZWOPER, 40-Hour

EPA Accredited Lead Inspector

South Carolina Certified Lead-Based Paint Professional

AHERA: Accredited Asbestos Building Inspector

SC: Asbestos Building Inspector

FEMA: National Incident Management Systems Awareness

SKILLS

Phase I Environmental Site Assessments

Phase II Environmental Site Assessments

Hazardous Material Surveys

Asbestos and Lead-Based Paint Surveys

Remediation

EDUCATION

Bachelor of Science, 2004, Ecology, West Chester University, West Chester, PA

PROFESSIONAL PROFILE

Mr. Roth started in 2005 with ECS as an Environmental Scientist and is currently a Regional Manager of Environmental Services for ECS. Responsibilities include profit & loss analysis, budget control, scheduling, resource allocation, client interaction and invoicing for environmental projects. He provides technical supervision, technical review and regulatory support, as well as, construction support from the field and office. Additional responsibilities include performing and managing Phase I, II & III Environmental Site Assessments, management and performance of hazardous and non-hazardous materials surveys to include asbestos and lead-based paint surveys, remediation, abatement monitoring, conducting underground storage tank investigations, National Environmental Policy Act surveys, State Historic Preservation Offices studies, site characterization, risk assessment, remedial design and implementation, rare species surveys and wetland delineations.

PROJECT EXPERIENCE

- Dorchester District Two On-Call Environmental Services, Dorchester County, SC
- SCDOT Small Purchases for Environmental Services, Various Location, SC
- City of Charleston Environmental Reviews, Charleston, SC
- City of Hanahan Environmental Baseline Survey, Hanahan, SC
- Trident Technical College Indefinite Deliverable Contract, Charleston County, SC
- City of Conway Environmental Review, Conway, SC
- Charleston County School District Environmental Services, Charleston County, SC
- 1-26/US 21 Interchange Improvement, Lexington County, SC
- Darlington County School District Environmental Services, Darlington County, SC
- Proposed Meeting & Lee Street Redevelopment, Charleston, SC
- Sumter Dialysis Tier I Assessment, SC
- Proposed Retail Store IGWA
- Paddy Creek Dam Embankment Seismic Stability Improvements, n, NC
- Grays Mill Pond Dam Repair, Greene County, NC
- Cotton Valley Country Club Dam Repair, Tarboro, NC
- New Lake Kristi Dam, Grimesland, NC

JUSTIN ROTH, CHMM

ENVIRONMENTAL PRINCIPAL/ ENVIRONMENTAL REGIONAL MANAGER



REGISTRATIONS

Certified Hazardous Materials Manager: CHMM

CERTIFICATIONS

OSHA: 20 CFR 1910.146

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HAZWOPER, 40-Hour

EPA Accredited Lead Inspector

South Carolina Certified Lead-Based Paint Professional

AHERA: Accredited Asbestos Building Inspector

SC: Asbestos Building Inspector

FEMA: National Incident Management Systems Awareness

SKILLS

Phase I Environmental Site Assessments

Phase II Environmental Site Assessments

Hazardous Material Surveys

Asbestos and Lead-Based Paint Surveys

Remediation

EDUCATION

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PROJECT EXPERIENCE

- Dorchester District Two On-Call Environmental Services, Dorchester County, SC
- W. Smith Street Property - Soil and GW Assessment, Dorchester County, SC
- SCDOT Small Purchases for Environmental Services, Various Location, SC
- W. Smith St. - Summerville - Phase I ESA, Dorchester County, SC
- City of Charleston Environmental Reviews, Charleston, SC
- City of Hanahan Environmental Baseline Survey, Hanahan, SC
- Two Notch Road - Phase I ESA, Lexington, SC
- Charleston Trade Center Tract 1 - Phase I ESA, Summerville, SC
- City of Conway Environmental Review, Conway, SC
- Charleston County School District Environmental Services, Charleston County, SC
- Commercial Structure - Asbestos Assessment, Beaufort, SC
- Darlington County School District Environmental Services, Darlington County, SC
- Proposed Meeting & Lee Street Redevelopment, Charleston, SC
- Trident Technical College Indefinite Deliverable Contract, Charleston County, SC
- 1-26/US 21 Interchange Improvement, Lexington County, SC
- Darlington County School District Environmental Services, Darlington County, SC

Appendix VII: Acronyms

ACRONYMS

AUL	Activity and Use Limitations
AST	Aboveground Storage Tank
ASTM	American Society for Testing and Materials
ACM	Asbestos Containing Materials
BER	Business Environmental Risk
CORRACTS	CERCLA Corrective Action List
NPL	CERCLA National Priorities List
NFRAP	CERCLA No Further Remedial Action Planned
CERCLA	Comprehensive Environmental Response Cleanup Liability Act
CESQG	Conditionally Exempt Small Quantity Generator
CREC	Controlled Recognized Environmental Condition
ERNS	Emergency Response Notification System
EDR	Environmental Data Resources, Inc.
EC	Engineering Controls
HIST LF	Historical Landfill
HREC	Historical Recognized Environmental Condition
IC	Institutional Controls
LQG	Large Quantity Generator
LBP	Lead Based Paint
LTANKS	Leaking Tanks
LUST	Leaking Underground Storage Tank
NCDEQ	North Carolina Department of Environmental Quality
REC	Recognized Environmental Condition
RCRA	Resource Conservation and Recovery Act
RCRIS	Resource Conservation and Recovery Information System
SQG	Small Quantity Generator
SWF/LF	Solid Waste Facility/Landfill
SHWS	State Hazardous Waste Sites
UST	Underground Storage Tank
USGS	United States Geological Survey

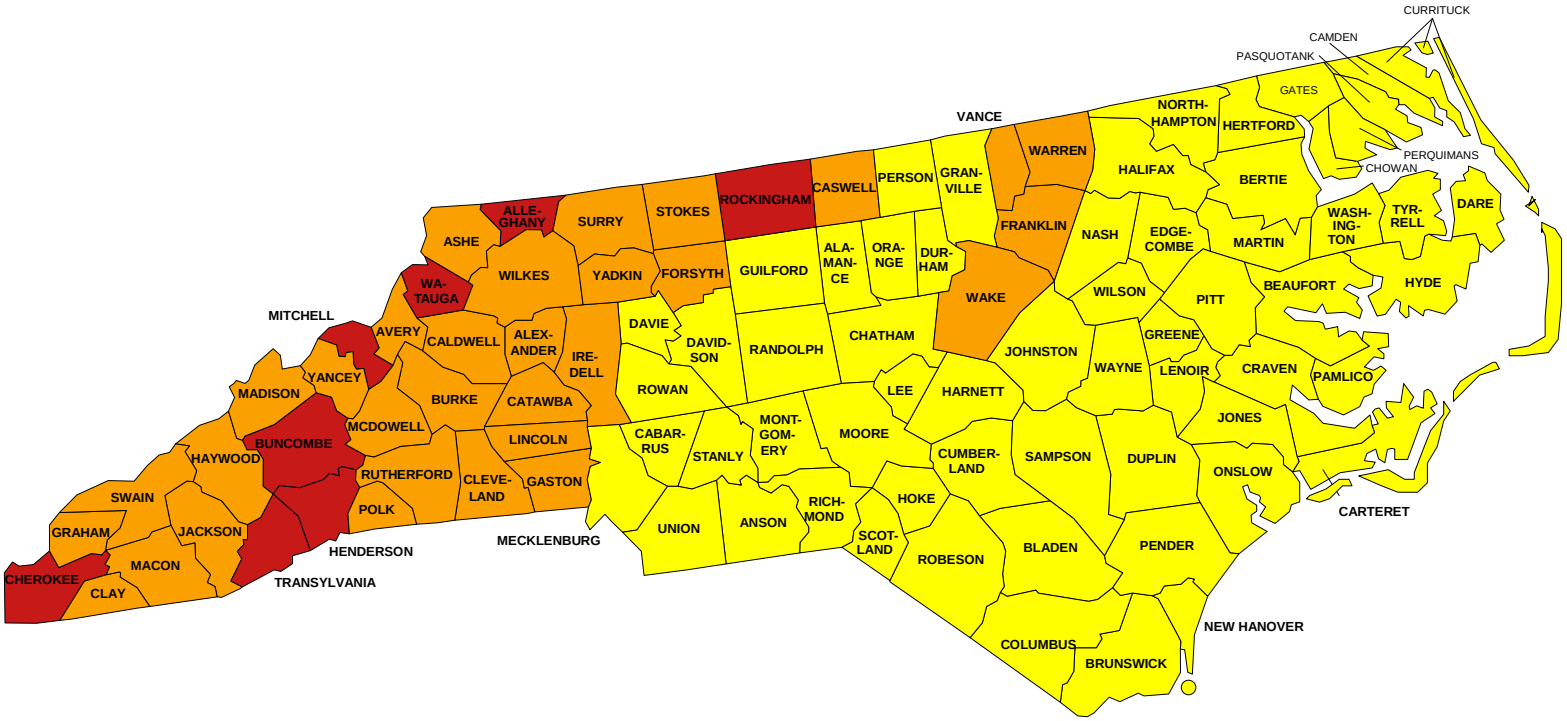
NORTH CAROLINA - EPA Map of Radon Zones

http://www.epa.gov/radon/zonemap.html

The purpose of this map is to assist National, State and local organizations to target their resources and to implement radon-resistant building codes.

This map is not intended to determine if a home in a given zone should be tested for radon. Homes with elevated levels of radon have been found in all three zones.

All homes should be tested, regardless of zone designation.



Zone 1 Zone 2 Zone 3

IMPORTANT: Consult the publication entitled "Preliminary Geologic Radon Potential Assessment of North Carolina" (USGS Open-file Report 93-292-D) before using this map. http://energy.cr.usgs.gov/radon/grpinfo.html This document contains information on radon potential variations within counties. EPA also recommends that this map be supplemented with any available local data in order to further understand and predict the radon potential of a specific area.