



**U.S. Department of Housing and Urban
Development**

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Washington, DC 20410
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Environmental Assessment Determinations and Compliance Findings for HUD-assisted Projects 24 CFR Part 58

Project Information

Project Name: Pembroke Park

Project Location: Vance Street near First Street West, Pembroke, Robeson County, NC 28372

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

Responsible Entity: North Carolina Office of Recovery and Resiliency (NCORR, a Division of NC Department of Public Safety [DPS]), P.O. Box 110465, Durham, NC 27709

Grant Recipient: Robeson County, NC

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

Preparer: Andrea Gievers, Environmental SME, NCORR

Certifying Officer Name and Title: Jennifer Holmes, Compliance Director, NCORR

Direct Comments to:

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Project Location:

The Subject Property consists of approximately one acre located along Vance Street near First Street West, Pembroke, Robeson County, NC 28372 (**Attachment 1**). According to the Robeson County Tax Map, the two Town-owned parcels are identified as Parcel ID #350402007 which is 0.2 acres and #350402009 which is 0.6 acres and their adjoining Right-of-Way (ROW) (**Attachment 1**). Paved, parallel parking spaces and a sidewalk will be added along Vance Street for access to the park (*see* preliminary site plans in **Attachment 1**). There also will be curb, grate and gutter upgrades on Vance Street.

Description of the Proposed Project [24 CFR 50.21 & 58.32]:

This proposed project is a CDBG-MIT eligible activity pursuant to Section 105(a)(2), *Public Facilities and Improvements* of the Housing and Community Development Act (HCDA) of 1974, which includes: the acquisition, construction, reconstruction, or installation (including design features and improvements with respect to such construction, reconstruction, or installation that promote energy efficiency) of public works, facilities (except for buildings for the general conduct of government), and site or other improvements.

The proposed project involves new construction of a Town-owned park with playground structures on a safe permeable surface; natural grit partially permeable walking trails; native plant gardens; a rain garden; interpretive signage; information kiosk; bench swing; picnic tables; seating; lighting; fencing; trees; trash receptacles; mowed lawn areas; and a sidewalk, paved parallel parking spaces, and upgrades along Vance Street (**Attachment 1**). The Town is finalizing these and additional components it might include such as a statue on an appropriate footing, retaining wall; education area with seat walls, etc. These potential components have been evaluated in this review although the configuration has not been finalized. *The proposed project is in preliminary design stage and still pending Town approval and agency review.*

Statement of Purpose and Need for the Proposal:

The North Carolina Office of Recovery and Resiliency (NCORR, a Division of NCDPS) as a recipient of Community Development Block Grant – Mitigation (CDBG-MIT) funds from the United States Department of Housing and Urban Development (HUD) is considering funding this proposed Infrastructure Recovery Program project, Pembroke Park, along Vance Street near First Street West, Pembroke, Robeson County, NC 28372. The State of North Carolina was adversely impacted by the landfall of Hurricanes Matthew (October 8, 2016) and Florence (September 14, 2018). During the Hurricane Matthew storm event, the Town of Pembroke was negatively impacted by severe rains and overwhelmed with stormwater backups. The UNC-Pembroke (UNCP) campus was inundated with over a foot of standing water which continued downstream through the Town and residential areas. The floodwaters damaged homes and impacted roadways causing residents to be stranded, unable to evacuate, and in need of assistance by emergency responders. These impacts occurred in large part due to the inadequacy of the drainage ditch that conveys stormwater from the UNCP campus and Town residential and public housing area.

Several stormwater infrastructure components west of the Subject Property were improved and/or replaced after Hurricane Matthew using State Disaster Recovery funds. A supplementary public facility or infrastructure project was desired to improve stormwater flow and reduce flooding for residences severely impacted during Hurricane Matthew near the Subject Property.

The Hurricane Matthew Resilient Redevelopment Plan for Robeson County dated May 2017 (Plan) identified stormwater repairs and improvements as a high priority to address local flooding. The County, Town, and NCORR explored various designs to daylight and/or upgrade the existing underground culvert and drainage ditch located partially on the Subject Property to address and mitigate future flooding events. Ultimately, CSX rejected the project after reviewing plans stating “CSXT will accept no increase in flow rate onto its property and into its trackside ditch” in November 2022. There were subsequent unsuccessful attempts to purchase the two vacant adjoining parcels or easements. The current proposed project will provide a community resource in a Town-owned park with educational and flood mitigation components.

The Pembroke Park will preserve the property for public recreation on the walking trails and playground while incorporating native plant habitat, educational and flood mitigation components. A rain garden will be installed near the existing drainage ditch. The rain garden provides an informal bioretention, depressed area in the landscape that collects rainwater and allows it to slowly soak into the ground. Rain gardens are a cost-effective and beautiful way to reduce runoff, filter out pollutants and provide food and shelter for butterflies, songbirds and other wildlife. The longleaf pine trees planted along the Subject Property boundary will play a significant role in reducing flood risk by stabilizing soils, slowing water runoff, and improving water infiltration. Therefore, funding for the proposed project will be provided in part by the HUD CDBG-MIT Infrastructure Recovery Program for Hurricanes Matthew and Florence storm recovery activities in North Carolina. Additionally, NCORR is administering NC Department of Environmental Quality (DEQ), Mitigation Services Division funding awarded for this project.

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

The Subject Property consists of a vacant mowed lawn with frontage along Vance Street in a residential neighborhood (**Attachment 1A**). There is no evidence of buildings or structures on the Subject Property. A small stand of mostly mature Bradford pear trees are situated in the northeast corner near the existing drainage ditch which runs under Vance Street and east towards Bonnie Road. One existing mature pecan tree is located on the southwestern portion of the Subject Property close to Vance Street and West Railroad Street. There are existing overhead transmission lines on the Subject Property ROW along Vance Street. The Subject Property is situated north of the CSX ROW property with railroad tracks running parallel to College Street and Union Chapel Road and southerly tracks that intersect near College Street and Union Chapel Road.

The historical records show the Subject Property and adjacent lots were surveyed and subdivided for single-family housing lots on October 1, 1919 and October 29, 1926 (**Attachments 7 and 12**). These surveys show the railroad ROW present along with the *Pembroke Seaboard Coastline Railroad Depot* and railroad tracks (see **Attachments 7 and 12**). Based on the Historical Aerials, the Subject Property had the drainage ditch present from 1938 to Present (**Attachment 7**).

According to the Robeson County Property Tax Card for the Subject Property, **Pates Supply Co., Inc.** was the owner on January 30, 1941. **Pates Supply Company** retail store on Union Chapel Road sold clothing, hardware, lumber, farm machinery, etc. In 1964, a structure is present in the southwestern corner with a fenced storage yard area in the center of the Subject Property. Since the structure appears between 1958 and 1964, the structure is likely retail storage for **Pates Supply Company** which is the owner from 1941 until 1986. In 1971, the onsite structure does not appear present on the Subject Property. Property records show that West Railroad Street and Vance Street are primarily residential with homes built between the 1940s–1960s, and no evidence of commercial storefronts. The neighboring area of West Railroad Street near Vance Street had predominately residential zoning. The Subject Property remained vacant from 1971 until briefly in 1987. From historic newspaper articles, the **Pates Supply Company** donated the parcels to the **Town of Pembroke**, the recorded owner on May 23, 1986. The *Pembroke Seaboard Coastline Railroad Depot* was successfully moved to the adjacent Town-owned Subject Property by June 18, 1987. The *Railroad Depot* structure burned down on January 18, 1988 (**Attachment 7**). The Subject Property has remained vacant since that time.

Development of the surrounding area has increased over time with the vicinity of the Subject Property changing from primarily agricultural to a mixture of agricultural, residential, and commercial, industrial and government uses. Based on the historical aerials, single-family homes are present across Vance Street and to the north, commercial storefronts across Union Chapel Road and College Street, and the *Pembroke Seaboard Coastline Railroad Depot* (present from 1938 to 1985) and railroad tracks along the southern boundary (**Attachment 7**). The *Railroad Depot* was successfully moved to the adjacent Town-owned Subject Property by June 18, 1987 where it burned down on January 18, 1988 (**Attachment 7**). In December 2011, the Locklear's single-family house located at 101 First Street West, northeast adjacent of the Subject Property, appeared burned with no roof and one onsite structure intact. By October 2016, all structures have been removed from the site. The Holmes' single-family house located northwest adjacent of the Subject Property appeared no longer present in 2006.

Currently, the Subject Property is surrounded by a mix of single-family and duplex homes, campus housing, commercial, and institutional development. The Subject Property is a vacant lot bordered to the south by the CSX railroad ROW property and railroad tracks then College Street/ Main Street, businesses, Union Chapel Road, the Pembroke Town Hall, Maynor Manor public housing complex, and residences; to the northeast by vacant parcels, the intersection of Vance Street and First Street, chain link fencing, the Pembroke Housing Authority (HA) Maintenance Department building and the Pembroke HA Strickland Heights public housing complex (100 units) on Roberts Avenue; to the northwest by residences, College Manor Apartments on Barker Street, The Retreat at Pembroke apartment complex, the UNCP campus and housing, and numerous commercial facilities; to the east by First Street West/ Bonnie Road, then Union Chapel Road, residences and businesses including Lumbee Caskets and Granite, A New Horizon LLC (Home Care), Speech Solutions Inc., and Robin's Beauty Salon, and Pembroke First Baptist Church; and to the west by Vance Street. The UNCP campus is located approximately 2,310 feet northwest of the Subject Property.

Funding Information

Grant Number	HUD Program	Funding Amount
B-18-DP-37-0001	CDBG-MIT	\$66,360.00

Estimated Total HUD Funded Amount: \$66,360.00

Non-HUD Funding Source: NC DEQ, Division of Mitigation Services (administered by NCORR)

Non-HUD Funding Amount: \$419,202.07

Estimated Total Non-HUD Funded Amount: \$419,202.07

Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]: \$485,562.07

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 or 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 civilian commercial airports located near the Subject Property. The Subject Property is not located within 2,500 feet of a civilian, commercial service airport or 15,000 feet of a military airfield. The proposed project is in compliance with this section. Attachment 2: NEPA Assist Airport Maps with 2,500-foot and 15,000-foot Buffers.

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). Therefore, this proposed project is in compliance with the Coastal Barrier Resources Act. Attachment 3: USFWS CBRS Map and Certification.
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 ☐ ☒	Based on the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) Panel Number 3710934300K, effective on 12/6/2019, the Subject Property is located in Zone X (Area of Minimal Flood Hazard). The Subject Property is not located in a Special Flood Hazard Area (SFHA) or FEMA-designated regulatory floodway. There are no Preliminary FIRMs available at the FEMA Flood Map Service Center. Therefore, flood insurance is not required for the proposed project. 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 FIRMs with Parcel Boundary.
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 located in Robeson County, which is a current attainment status county for all criteria pollutants. The construction and operation of this Town-owned park public facility 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 (SIP). The proposed project would not exceed de minimis emissions levels for federal general conformity purposes (40 CFR § 93.153(c)(2)). The proposed project involves new construction of a Town-owned park and playground with street parking. The proposed project will not result in siting any new source of air pollutants. 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) are anticipated to occur. 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 will conform to NC Air Quality Management regulations during and following construction. Mitigation measures for dust control will be implemented to reduce potential impacts to air quality during construction. The contractor will use Best Management Practices (BMPs) to reduce fugitive dust generation and diesel emissions. BMPs 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 lower speeds to reduce soil disturbance and fugitive dust potential. BMPs to mitigate the generation of emissions during construction include limiting the 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,
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		and no significant adverse impacts to air quality are anticipated. Thus, the proposed project is in compliance with this section. Attachment 5: North Carolina Nonattainment/Maintenance Status for Each County by Year for All Criteria Pollutants.
Coastal Zone Management Coastal Zone Management Act, sections 307(c) & (d)	Yes No ☐ ☒	The Subject Property is located in Robeson County, which is <i>not</i> one of the 20 coastal counties included in the North Carolina Coastal Management Program. Therefore, the proposed project is not anticipated to impact coastal resources. A Consistency Determination is <i>not</i> required to be submitted to the NC Division of Coastal Management (DCM). NC DCM carries out the State's Coastal Area Management Act (CAMA), the Dredge and Fill Law and the federal Coastal Zone Management Act of 1972 in the 20 coastal counties, using rules and policies of the NC Coastal Resources Commission known as the CRC. No further action is required. The proposed project is in compliance with the Coastal Zone Management Act. Attachment 6: NC DCM Counties Map.
Contamination and Toxic Substances 24 CFR Part 50.3(i) & 58.5(i)(2)	Yes No ☐ ☒	A site inspection was conducted at the Subject Property and no nuisances or hazards were identified. The Subject Property consists of a vacant mowed lawn with frontage along Vance Street in a residential neighborhood. A historic use review was performed for the Subject Property and surrounding properties in Attachment 7. In 1964, a structure is present in the southwestern corner with a fenced storage yard area in the center of the Subject Property. Since the structure appears between 1958 and 1964, the structure is likely retail storage for Pates Supply Company which is the owner from 1941 until 1986. In 1971, the onsite structure does not appear present on the Subject Property. The Subject Property remained vacant from 1971 until briefly in 1987. The <i>Pembroke Seaboard Coastline Railroad Depot</i> was successfully moved to the adjacent Town-owned Subject Property by June 18, 1987. The <i>Railroad Depot</i> structure burned down on January 18, 1988 (Attachment 7). The Subject Property has remained vacant since that time. The land use change will be from vacant mowed lawn to a

		Town-owned park and playground with street parking. The Subject Property does not have any visual evidence of historical structures including the <i>Railroad Depot</i> which burned down in 1988 or the 1964 structure. There is no evidence of hazards on the site that could pose a hazard to workers during construction. In the event that unexpected, contaminated or potentially hazardous materials, soils or debris are encountered during construction, then work in the area shall cease immediately and the work area shall be secured. The appropriate NC DEQ Regional Office will be contacted and the contamination assessed with an environmental consultant. Appropriate measures will be taken to address the hazard(s) (i.e., contaminated soils, hazardous debris, USTs, lead-based paint, etc.), and, if removed, will be properly disposed of in the appropriate NC DEQ DWM approved facility in accordance with federal, state and local laws and regulations (e.g., RCRA Subtitles C and D, NESHAP 40 CFR 61.150, and NC Solid Laws NCGS 130A, and NC Hazardous Waste Rules 15A NCAC 13A). If any USTs are discovered, then NC DEQ DWM's UST Section Fayetteville Regional Office will be notified. If any abandoned wells are discovered, then NC DEQ will be notified and abandoned in accordance with Title 15A. Subchapter 2C.0100. "Any open burning associated with the subject proposal must be in compliance with 15A NCAC 2D.1900" (Attachment 22). NEPAssist and the NC DEQ DWM Site Locator Tool were used to review potentially hazardous sites within a 1-mile, 3,000 feet, and 0.5-mile radius of the Subject Property (Attachment 7). According to NEPAssist, the Subject Property is not identified on an EPA Superfund National Priorities List or Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) list, or equivalent State list. 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 Subject Property (Attachment 7). According to the NC DEQ DWM UST Section, Fayetteville
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		Regional Office, there is no record of a reported petroleum release in the proposed project area, nor are there any records of registered USTs (Attachment 22). According to NC DEQ DWM comments, there is one Superfund Section (Pembroke Farm Home & Garden) and one Brownfields Program site (Pembroke Oil Bulk Plant) identified within one mile of the Subject Property (Attachment 22). There are no proposed water supply wells or water usage for public drinking consumption. Based on the type of contamination, distance from the Subject Property, and that a water supply is not required for the proposed project, these sites do not pose a hazard that could affect the health and safety of occupants or conflict with the intended utilization of the Subject Property as a Town-owned park. These and the other identified sites are discussed in further detail below and in the <i>HUD Environmental Standards Review</i> in Attachment 7. The proposed project is for development of a Town-owned park with walking trails and playground. Radon is not considered a risk for this proposed project, since the proposed project does not involve ground-level, occupied structures with indoor air quality concerns. The project is exempt from radon consideration as noted in the January 11, 2024 CPD Notice: CPD-23-103. Based on site visits and review of available environmental and historical 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 for a Town-owned park and playground with street parking. Therefore, a Phase I Environmental Site Assessment (ESA) or Phase II Investigation is not warranted. The proposed project is in compliance with contamination and toxic substances section requirements.
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		Attachment 7: HUD Environmental Standards Review, NEPA Assist EPA Facilities with 1-mile, 3,000-foot, and 0.5-mile Buffers, NC DEQ DWM Site Locator Reports with 1-mile, 3,000-foot, and 0.5-mile, Buffers, Facility Reports, Site Inspection Documentation, and Historical Review. <i>See also, Attachment 22:</i> State Environmental Clearinghouse (SCH) Comments.
Endangered Species Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402	Yes No ☐ ☒	According to the USFWS Information for Planning and Consultation (IPaC) Official Species List, there are a total of five proposed, threatened, endangered or candidate species identified for the Subject Property including the threatened Red-cockaded woodpecker (<i>Dryobates borealis</i>), threatened American alligator (<i>Alligator mississippiensis</i>), proposed threatened Southern hognose snake (<i>Heterodon simus</i>), proposed threatened Monarch butterfly (<i>Danaus Plexippus</i>), and endangered Michaux's sumac (<i>Rhus michauxii</i>) (Attachment 8). The NC NHP database query report identified <i>no</i> federally-listed species, three State-protected species and two managed areas within a one-mile radius of the Subject Property (Attachment 8). The USFWS IPaC and USFWS and NMFS Critical Habitat Mappers identified <i>no</i> critical habitats within the proposed project area. Also, the NC NHP database query report identified no records for rare species, important natural communities, natural areas, and/ or conservation/ managed areas within the proposed project boundary (Attachment 8). 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. The Subject Property contains a vacant mowed lawn and a small stand of trees (Attachment 1A: Site Visit Photographs). Woodpeckers and Bald Eagles have not been observed within the wooded area. Further, there will be no or minimal tree clearing to affect any potential habitat. The proposed project's action area does not include suitable habitat for the American Alligator. Due to regular mowing, the proposed project's action area is considered poor to unsuitable habitat for the Southern hognose snake, Monarch Butterfly, and Michaux's Sumac.

		The Pembroke Park will preserve the property for public recreation on the walking trails and playground while incorporating native plant habitat, educational and flood mitigation components. The Town is adding lighting for safety reasons to the park. The addition of security lighting, fencing and other potential components has been evaluated in this review although the configuration has not been finalized. These components should not adversely impact species. Rather, the rain garden and native plants and trees will provide and preserve habitat for species for years to come. It is anticipated that only temporary noise impacts might occur during construction. The proposed project activities are not expected to generate excessive noise during the short-term construction work nor long-term operation. Short-term construction work will adhere to local noise control standards/regulations. Construction noise will be limited to daytime hours, Monday through Friday, except in emergency situations. 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. Permits required for this proposed project shall be obtained before commencing work and appended to the ERR when received from the permitting agencies. NCORR reviewed the proposed project using the USFWS Raleigh Ecological Services (ES) Field Office's (FO) online 10-step project review process and made "no effect" (NE) determinations for proposed/listed species and/or proposed/designated critical habitat and a "no Eagle Act permit required" determination for Bald Eagles (Attachment 8). On July 20, 2026, the USFWS issued a North Carolina Ecological Services Field Offices (ESFOs) Determination Key (NC DKey) result of NE. Under ESA §7, if a federal action agency or designated representative makes a NE determination, no consultation with the Service is required for that species. The attached letter confirms NCORR may rely on effect determinations provided in the NC DKey
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		for project review to satisfy agency consultation requirements under ESA Section 7(a)(2). <i>The Subrecipient will submit an annual update of this determination to USFWS until land-disturbing activity has started.</i> Attachment 8: NCORR USFWS Raleigh ES FO 10-Step Project Review and No Effect Determination.
Explosive and Flammable Hazards 24 CFR Part 51 Subpart C	Yes No ☐ ☒	The proposed project does not involve the development of a hazardous facility (a facility that mainly stores, handles or processes flammable or combustible chemicals such as bulk fuel storage facilities and refineries). The proposed project constructs a small Town park and playground involves development that will be regularly used by people. The site reconnaissance conducted at the Subject Property did not identify explosive or flammable hazards at the Subject Property or in the surrounding area (Attachments 1A and 7). Based on a review of aerial maps, several aboveground storage tanks (ASTs) were identified within one mile of the Subject Property (Attachment 9). The Town Fire Marshal, Dwight Sheppard, and Robeson County Fire Marshal, Justin Hunt, were consulted regarding planned and existing ASTs located within one mile of the Subject Property. The County and Town Fire Marshals identified no planned ASTs within one mile of the Subject Property (Attachment 9). Numerous ASTs were identified within a one-mile radius of the Subject Property and are listed along with their calculated HUD Acceptable Separation Distance (ASD) for Blast Over Pressure (ASDBOP), Thermal Radiation for People (ASDPPU), and Thermal Radiation for Buildings (ASDBPU) in Attachment 9. A completed HUD Thermal and Explosive Hazards Worksheet indicates that such hazards were identified but the Subject Property is located further than these ASDs from the identified ASTs. Thus, these ASTs do not pose a hazard to the Subject Property or its occupants, and no mitigation is required for explosive and flammable hazards. The proposed project is in compliance with this section.

		Attachment 9: Signed HUD Thermal and Explosive Hazards Worksheet, Aerial Map with 1-mile Radius, ASTs Table and Data, HUD ASD Assessment Tool Results, and Town and County Fire Marshal Correspondence on Planned and Existing ASTs.
Farmlands Protection Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658	Yes No ☐ ☒	The proposed project includes activities that could potentially convert agricultural land to a non-agricultural use, but an exemption applies. Based on the USDA Natural Resources Conservation Service (NRCS) Custom Soil Resource Report, the soils on the Subject Property consist of Rains sandy loam, 0 to 2 percent slopes (Ra), classified as “Prime farmland if drained,” so further evaluation is required (Attachment 10). According to 7 CFR Part 658.2(a) “[f]armland does not include land already committed to urban development.” Farmland “already in” urban development includes all such land identified as an “urbanized area” (UA) on the Census Bureau Map, or as urban area mapped with a “tint overprint” on the USGS topographical maps, or as “urban-built-up” on the USDA Important Farmland Maps. According to the 2023 U.S. Census Bureau TIGER/Line Urban Areas Map, the Subject Property is located within an “urbanized area” (Attachment 10). Thus, the Subject Property is not subject to provisions of the Farmland Protection Policy Act (FPPA) according to the FPPA Manual, Subpart B – Program Activities and Requirements, Section 523.10(B)(ii) - Lands Not Subject to Provisions of FPPA based on lands identified as “urbanized area.” No further action is required. The proposed project is in compliance with this section. Attachment 10: 2023 U.S. Census Bureau TIGER/Line Urban Areas Map and USDA NRCS Custom Soil Resource Report.
Floodplain Management Executive Order 11988, particularly section 2(a); 24 CFR Part 55	Yes No ☐ ☒	As of June 24, 2024, HUD’s Federal Flood Risk Management Standard (FFRMS) compliance is required for projects reviewed under the updated 24 CFR Part 55. The attached FEMA FIRMs identify Zone X Shaded (500-year floodplain) so the 500-year Floodplain/ 0.2-Percent-Annual Chance Floodplain Approach (0.2PFA) can be used to identify the FFRMS floodplain (Attachment 4). Per FEMA FIRM Panel Number

		3710934300K, effective on 12/6/2019, the Subject Property is <i>wholly located in Zone X</i> (Area of Minimal Flood Hazard) (Attachment 4). The Subject Property is not located in FEMA-designated regulatory floodway. There are no Preliminary FIRMs available at the FEMA Flood Map Service Center. The proposed project will preserve the property for public recreation on the walking trails and playground while incorporating native plant habitat, educational and flood mitigation components. BMPs such as using native plants for site restoration and silt fencing will be utilized during construction. The proposed project activities will be completed in accordance with all applicable federal, State, and local laws, regulations, and permit requirements and conditions. Permits required for this proposed project shall be obtained before commencing work and appended to the ERR when received from the permitting agencies. Since the Subject Property is wholly located in Zone X and outside of the FFRMS floodplain, 24 CFR Part 55 does <i>not</i> apply to the proposed project. No additional compliance steps under 24 CFR Part 55 and Executive Order (EO) 11988 are required. The proposed project is in compliance with this section. Attachment 11: FEMA FIRMs with Parcel Boundary and FEMA FIRM NFHL Map showing 500-year Floodplain.
Historic Preservation National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800	Yes No ☐ ☒	Based on the site visit and National Register of Historic Places (NRHP) and North Carolina State Historic Preservation Office's (NC SHPO) HPOWEB maps review, there are two publicly recorded historic properties which are/ were locally designated or listed in or eligible for inclusion in the State or National Register of Historic Places located on or adjacent to the Subject Property. The <i>Atlantic Coast Line Signal Manufacturers House</i> (RB0741) is Surveyed Only. It was built circa 1917 and is located on the west side of Union Chapel Road (Route 1563) to the east of the Subject Property and railroad tracks. The <i>Pembroke Seaboard Coastline Railroad Depot</i> (RB0403) is Surveyed Only and

		no longer present. The former <i>Railroad Depot</i> was situated south of the Subject Property between railroad tracks on CSX ROW property and later moved to the Subject Property before it burned down in 1988. As a part of the proposed project, an interpretive sign is tentatively proposed for the <i>Railroad Depot</i> near the southern boundary of the Subject Property. No other historic sites were located within the vicinity of the Subject Property and it is not located within a historic district (Attachment 12). The NC SHPO was consulted for a concurrence that the proposed project would result in “No Historic Properties Affected” pursuant to 36 CFR 800.4(d)(1) (Attachment 12). NCORR submitted the proposed project to the NC SHPO via email to the State Environmental Clearinghouse on July 24, 2026. The NC SHPO responded in a letter dated August 5, 2026 stating “[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 are not requiring any archaeological or architectural survey and have no comment on the project as proposed” (Attachment 12). According to the HUD Tribal Directory Assessment Tool (TDAT), the Catawba Indian Nation is the only federally-recognized Tribe with interests in Robeson County, North Carolina (Attachment 12). In addition, the Lumbee Tribe of NC has been recently federally recognized. NCORR sent a Section 106 review package to the Catawba Indian Nation’s Tribal Historic Preservation Office (THPO) on July 28, 2026. The Catawba Indian Nation’s THPO responded on August 26, 2026 that the “Catawba have no immediate concerns with regard to traditional cultural properties, sacred sites or Native American archaeological sites within the boundaries of the proposed project areas. However, the Catawba are to be notified if Native American artifacts and/ or human remains are located during the ground disturbance phase of this project.” NCORR sent a Section 106 review package to the Lumbee Tribe of NC’s Chairman and THPO on July 24, 2026. On July 29, 2026, NCORR received the THPO’s response that “this project looks
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		amazing!!!” with a recommended list of native plants and trees “that would make this green space a place of Indigenous Medicine and a Sovereign Sanctuary.” Attachment 12: SHPO Response, NCORR SHPO Submission Package, HUD TDAT Results, Catawba Indian Nation THPO Response, Lumbee Tribe of NC THPO Response, Catawba Indian Nation THPO Section 106 Review Packages, and Lumbee Tribe of NC Chairman and THPO Section 106 Review Packages.
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 not a noise-sensitive use because it does not involve new construction, purchase or resale of existing, modernization, or rehabilitation of noise sensitive use (i.e., housing, nursing homes, hospitals, day care, and other non-housing uses where quiet is integral to the project’s function, e.g., libraries). Thus, 24 CFR Part 51 Subpart B does not apply to this small, public improvement project. 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.
Sole Source Aquifers Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149	Yes No ☐ ☒	There are no Sole Source Aquifers located in the state of North Carolina, according to the EPA. The proposed project is in compliance with Sole Source Aquifer requirements. Attachment 13: EPA Sole Source Aquifer Map.
Wetlands Protection Executive Order 11990, particularly sections 2 and 5	Yes No ☐ ☒	The HUD definition of wetlands under 24 CFR 55.2(b)(13) “includes both wetlands subject to and those not subject to Section 404 of the Clean Water Act as well as constructed wetlands.” According to the U.S. Fish and Wildlife Service (USFWS) National Wetlands Inventory (NWI) Map, there is only the drainage ditch identified as

		a riverine located on the Subject Property (Attachment 14). During the site visits, the drainage ditch was observed partially on the Subject Property (Attachment 1A). During a previous site visit, a potential 0.05-acre <i>offsite</i> isolated wetland was identified within the CSX ROW but outside of the Subject Property and proposed project's footprint. This wetland was likely created by poor drainage into the existing stormwater culvert and has not been classified by an experienced wetland delineator nor has it been confirmed by the U.S. Army Corp of Engineers (USACE). A Jurisdictional Determination (JD) Request and correspondence was sent to USACE Wilmington Field Office, Regulatory Project Manager, Gary Beecher for review and comment. Mr. Beecher reviewed the project information, created a Lidar map and responded that the ditch appears to be a jurisdictional water of the U.S. (WOTUS). He said, "I don't really see a wetland on the lidar map." NCORR confirmed with the project engineer and USACE that there is no proposed work to the drainage ditch. <i>The official USACE "No Permit Required" JD and correspondence will be appended to the ERR upon receipt.</i> The proposed project will preserve the property for public recreation on the walking trails and playground while incorporating native plant habitat, educational and flood mitigation components. No new construction will occur in wetlands or water resources for the proposed project. The proposed project is designed to have no or minimal direct or indirect impacts to offsite wetlands. BMPs will be utilized such as using native plants for site restoration and silt fencing to prevent significant erosion and minimize potential impacts to wetlands. Additionally, a rain garden will be constructed, possibly with a short retaining wall, to capture and manage rainfall and stormwater runoff (Attachment 1). According to the NC DEQ comments, an erosion and sediment control (E&SC) plan must be submitted at least 30 days before beginning land disturbing activity <i>that satisfies the one (1) acre regulatory threshold</i> (Attachment 22). After receiving E&SC Plan approval, an e-NOI form must be submitted to receive a Certificate of Coverage (COC) under the NPDES Construction
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		Stormwater permit (NCG010000). The E&SC Plan will adhere to SWPPP requirements. The proposed project activities will be completed in accordance with all applicable federal, State, and local laws, regulations, and permit requirements and conditions. Permits required for this proposed project shall be obtained before commencing work and appended to the ERR when received from the permitting agencies. Thus, the proposed project will not have direct or indirect impacts under 24 CFR 55.10. Further compliance steps under 24 CFR Part 55 and EO 11990 are not required. The proposed project is in compliance with this section. Attachment 14: USFWS NWI Map and USACE Jurisdictional Determination Request and correspondence.
Wild and Scenic Rivers Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)	Yes No ☐ ☒	The proposed project will not affect a designated, listed or study Wild and Scenic River in the Nationwide Rivers Inventory (NRI) or National Wild and Scenic River System (WSR) river segment. According to the attached NRI and WSR Map, the Subject Property is not located within 0.25-mile of a wild and scenic river (Attachment 15). The Lumber River (NRI segment) is located approximately 1.56 miles from the Subject Property's boundary line (Attachment 15). The proposed project does not include a water resources project or construction that will affect the free-flowing characteristics or the scenic or natural values of a listed or study NRI or Wild and Scenic River. No new construction will occur in wetlands or water resources including riverbanks or riverbeds under the proposed project. In addition, the proposed project will incorporate BMPs such as using native plants for site restoration and silt fencing to prevent significant erosion from occurring and impacting water resources. The proposed project activities will be completed in accordance with all applicable federal, State, and local laws, regulations, and permit requirements and conditions. Permits required for this proposed project shall be obtained before commencing work and appended to the ERR when received from the permitting agencies. The

		proposed project is in compliance with this section. Attachment 15: DOI NPS Nationwide Rivers Inventory and National Wild and Scenic Rivers System Maps Showing 0.25-mile Buffer and Distance from Closest WSR to Subject Property.
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Environmental Assessment Factors [24 CFR 58.40]:

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	The Town Council reviewed the proposed project’s preliminary site plans at their most recent September 8, 2026 and August meetings. <i>Any scope changes and Town site plan and related approvals will be promptly sent to NCORR for review in accordance with HUD 24 CFR Part 58 and associated laws and regulations.</i> According to a Zoning Certification completed by the Town Manager, Tyler Thomas, the zoning classification is currently <i>Industrial District</i> which allows for the proposed use (Attachment 16). The adjoining ROWs will be abandoned by the Town and recombined with the existing Town-owned parcels, if necessary. The Town of Pembroke Future Land Use plan shows the Subject Property as <i>Community Mixed Use</i> (Attachment 16). This proposed project will preserve the property for public recreation on the walking trails and playground while incorporating educational and flood mitigation components. The Subject Property has been vacant since the

		Town has owned it except for a brief period when it was slated for a Town park containing the <i>Railroad Depot</i> in 1987-1988 which unfortunately burned down. This public facility will become a community resource and serve as a better land use than it remaining vacant, mowed lawn. The proposed project is in conformance with local zoning regulations and land use plans. Attachment 16: Zoning Map, Future Land Use Map, and Zoning Certification and Correspondence.
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	1	This proposed project will preserve the property for public recreation on the walking trails and playground while incorporating native plant habitat, educational and flood mitigation components. According to the USDA NRCS Custom Soil Resource Report, the soils on the Subject Property consist of Rains sandy loam, 0 to 2 percent slopes (Ra) (Attachment 10). A rain garden will be installed near the existing drainage ditch. The rain garden provides an informal bioretention, depressed area in the landscape that collects rainwater and allows it to slowly soak into the ground. Rain gardens are a cost-effective and beautiful way to reduce runoff, filter out pollutants and provide food and shelter for butterflies, songbirds and other wildlife. The longleaf pine trees planted along the Subject Property boundary will play a significant role in reducing flood risk by stabilizing soils, slowing water runoff, and improving water infiltration. <i>Any fill material must come from an approved source, and applicable NC regulations on erosion control permit might apply. The soils will be confirmed to be “clean” fill and that it meets project requirements prior to importing the material. The proposed project will be designed in a way to balance the grading and not require as much off-site material, if possible. Any soil removed from the site will be quantified and only exported to an approved site per NC requirements.</i> According to the NC DEQ comments, an E&SC plan must be submitted at least 30 days before beginning <i>land disturbing activity that satisfies the one (1) acre regulatory threshold</i> (Attachment 22). After receiving E&SC Plan approval, an e-NOI form must be submitted to receive a Certificate of Coverage (COC) under the NPDES Construction Stormwater permit (NCG010000). The E&SC Plan will adhere to SWPPP requirements. In addition, the proposed project will incorporate BMPs such as using native plants for site restoration and silt fencing to prevent significant erosion. The proposed project activities will be completed in accordance with all applicable federal, State, and local laws, regulations, and permit requirements and conditions. Permits required for this proposed project shall be obtained before commencing

		work and appended to the ERR when received from the permitting agencies. See Attachment 10: USDA NRCS Soil Survey and Attachment 22: State Environmental Clearinghouse Comments.
Hazards and Nuisances including Site Safety and Noise	2	Based on site visits and review of available environmental and historical 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 for a Town-owned park and playground with street parking (Attachment 7). (See Contamination and Toxic Substances section.) Site development will increase man-made hazards and noise during construction. In order to mitigate hazards during construction, fencing can be erected around the Subject Property to secure the area and keep the general public from the physical hazards. <i>Any fill material must come from an approved source, and applicable NC regulations on erosion control permit might apply. The soils will be confirmed to be “clean” fill and that it meets project requirements prior to importing the material. The proposed project will be designed in a way to balance the grading and not require as much off-site material, if possible. Any soil removed from the site will be quantified and only exported to an approved site per NC requirements.</i> 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. Mitigation measures for dust control will be implemented to reduce potential impacts to air quality during construction. The proposed project will conform to NC Air Quality Management regulations during and following construction. The contractor will use BMPs to reduce fugitive dust generation and diesel emissions. BMPs 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 construction vehicles and machinery operating 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. (See Clean Air Act section.)

		Construction noise will be limited to daytime hours, Monday through Friday, except in emergency situations. Construction equipment will be required to meet local sound control requirements. (<i>See Noise Abatement and Control section.</i>) 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 long-term adverse hazards, nuisances or noise impacts. <i>See Attachment 7: Contamination and Toxic Substances Documentation, and Attachment 22: State Environmental Clearinghouse Comments.</i>
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Environmental Assessment Factor	Impact Code	Impact Evaluation
SOCIOECONOMIC		
Employment and Income Patterns	2	There might be a temporary increase in jobs associated with the proposed project's construction activities. There will be construction on the affected low-traffic road (Vance Street) that will temporarily impact traffic. A construction entrance might be required. The impacts will be temporary and limited to construction. There is one duplex and a single-family home located across the street from the proposed park. There should be limited impacts to the traffic in the area since there are additional streets available for ingress and egress from the neighborhood. Thus, the proposed project is not anticipated to adversely affect employment opportunities or income patterns.
Demographic Character Changes, Displacement	2	The proposed project will not cause any change in the demographic character of the area. The proposed project does not involve residential or commercial development activities. The proposed project development area is currently vacant lots with a drainage ditch. The proposed project will not act as an isolation feature within the local area or community. The proposed project will not deny any population within the local community potential for growth. 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. Rather, the proposed project will provide a community resource as a Town-owned park and playground with street parking.

Environmental Assessment Factor	Impact Code	Impact Evaluation
COMMUNITY FACILITIES AND SERVICES		
Educational and Cultural Facilities	2	The proposed project will not introduce any new populations that would increase student enrollment in the district or usage of cultural facilities. Rather, the proposed project will provide a community resource as a Town-owned park and playground with street parking. Thus, the proposed project will not have an

		adverse impact on educational or cultural facilities. The Museum of the Southeast American Indian is located approximately 0.5 mile northwest of the Subject Property. Attachment 17: Educational and Cultural Facilities Google Maps Search Results.
Commercial Facilities	2	The proposed project involves construction of a Town-owned park and playground with street parking in a residential neighborhood. The proposed project will not introduce new populations through a residential development or otherwise impact retail or other commercial facilities. There are no commercial facilities near the Subject Property that will be affected by the construction or operation of the proposed project. Thus, there are no adverse impacts anticipated from the proposed project on commercial facilities. Attachment 18: Commercial Facilities Google Maps Search Results.
Health Care and Social Services	2	The proposed project will not introduce any new residential development that would increase the demand for routine or emergency health services or social services. Thus, the proposed project is not anticipated to have an adverse impact on health care and social services.
Solid Waste Disposal / Recycling	2	All construction wastes will be appropriately disposed of according to the type of waste generated and construction waste management practices in an appropriate, legally compliant receiving facility. The Town might place trash receptacles at the park for public use which would be maintained by the Town. The NC DEQ DWM Solid Waste Section (Section) commented that for “any planned or proposed projects, it is recommended that during any land clearing, demolition, and construction, the NC Dept. of Public Safety [Robeson County] and/or its contractors would 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 project that cannot be beneficially reused or recycled as described, may require disposal of at a solid waste management facility permitted by the Division. The Section strongly recommends that the NC Dept. of Public Safety [Robeson County] require all contractors to provide proof of proper disposal for all generated waste to permitted facilities.” In addition, the NC DEQ notes that “[a]ny open burning associated with [the] subject proposal must be in compliance with 15A NCAC 2D.1900.” Thus, the proposed project is not anticipated to have an adverse effect on solid waste disposal and recycling in the area.

		See Attachment 22: State Environmental Clearinghouse Comments from NC DEQ.
Waste Water / Sanitary Sewers	2	The proposed project will not introduce any new development that would generate waste water. Mitigative measures such as BMPs will be utilized during construction to prevent soil and/ or debris from being washed offsite. The proposed project is not anticipated to cause the discharge of sewer to surfaces of the Subject Property or surrounding properties. The proposed project will not create waste water or affect waste water service in the area. Any additional waste water generated during construction activities would be temporary. The proposed project activities will be completed in accordance with all applicable federal, State, and local laws, regulations, and permit requirements and conditions. Thus, the proposed project is not anticipated to have an impact on local waste water/ sanitary sewers. See Attachment 22: State Environmental Clearinghouse Comments from NC DEQ.
Water Supply	2	There are no proposed water supply wells or water usage for public drinking consumption. The proposed project will not increase demand for water, except as needed during short-term construction. Abandonment of any wells, if required must be in accordance with Title 15A Subchapter 2C .0100. If existing water lines will be relocated during the construction, plans for the water line relocation must be submitted to the Division of Water Resources/Public Water Supply Section. The proposed project activities will be completed in accordance with all applicable federal, State, and local laws, regulations, and permit requirements and conditions. Permits required for this proposed project shall be obtained before commencing work and appended to the ERR when received from the permitting agencies. Thus, the proposed project is not anticipated to have an impact on water supply access, capacity and service in the area. See Attachment 22: State Environmental Clearinghouse Comments from NC DEQ.
Public Safety - Police, Fire and Emergency Medical	2	According to a Law Enforcement Certification completed by the Town Police Chief, Adrian Hunt, law enforcement services are available and adequate for the proposed project with an estimated average response time of 3 minutes falling within the average community response time of 5 minutes (Attachment 19). The Pembroke Police Department will provide law enforcement services to the Subject Property and will not be adversely affected by the proposed project. In addition, law enforcement services are provided by the Robeson County Sheriff's Office. According to a Law Enforcement Certification completed by the Robeson County Sheriff's Office, Sheriff, Burnis L. Wilkins, Jr., law enforcement services are available and adequate for the

		proposed project with an estimated average response time of 10 minutes falling within the average community response time of 20 minutes (Attachment 19). The Robeson County Sheriff's Office will assist the Pembroke Police Department, if necessary. The Fire Protection Certification completed by Town Fire Chief, Timothy Ryan Locklear, states there is available and adequate fire protection services for the proposed project with an estimated average response time of 4 minutes falling within the average community response time of 5 minutes (Attachment 19). The Town of Pembroke Fire Department will provide fire suppression, emergency response, and other related fire protection services to the Subject Property and surrounding area. According to an Emergency Medical Services (EMS) Certification completed by Robeson County EMS Director, Patrick Cummings, emergency medical services are available and adequate for the proposed project with no foreseen issues in providing these services to the Subject Property (Attachment 19). The Robeson County EMS and Pembroke Rescue and EMS will provide emergency medical services to the Subject Property. Since the proposed project is a Town-owned park with small playground equipment and a walking trail, it is anticipated that the proposed project will potentially require only a negligible increased demand for services. The Town is adding lighting for safety reasons to the park. The addition of lighting has been evaluated in this review although the configuration has not been finalized. Therefore, the proposed project is not anticipated to have an adverse impact on the public safety services in the surrounding area. Attachment 19: Law Enforcement, Fire Protection and Emergency Medical Services Certifications and Correspondence.
Parks, Open Space and Recreation	1	The proposed project will introduce a new Town-owned park and playground with street parking into the community. Currently, the Milton R. Hunt Memorial Park is the closest park located approximately 0.4 mile northwest of the Subject Property but does not contain walking trails. The Pembroke Recreation Complex is located approximately 3 miles southeast of the Subject Property. There are additional parks and recreational facilities located at the UNCP campus and in nearby Lumberton. According to a Parks and Recreation Certification completed by Jarrett Graham, Pembroke Parks and Recreation Department Director, there are local parks and recreational facilities available that will not be adversely affected by the proposed project (Attachment 20). According to Director Graham, the "proposed project would provide residents with a leisure-focused

		recreational option featuring a small walking loop, educational and historical elements, and a playground for youth. Following completion of the project, Recreation [Department] staff could potentially support the park through routine maintenance, upkeep, and regular assessments to help ensure the facility remains safe, accessible, and well-maintained” (Attachment 20). In addition, the Town is adding trash receptacles, fencing and lighting to the park design. Therefore, the proposed project is anticipated to have a beneficial impact on the community’s parks, open spaces or recreational areas. Attachment 20: Parks and Recreation Certification and Correspondence and Google Maps Search Results.
Transportation and Accessibility	2	The proposed project will not introduce a new development that generates continuing demand for transportation services. There will be construction on the low-traffic local road (Vance Street) that will temporarily impact traffic. A construction entrance might be required. These impacts will be temporary and limited to construction. There is one duplex and a single-family home located across the street from the proposed park. There should be limited impacts to the traffic in the area since there are additional streets available for ingress and egress within the neighborhood. NCORR consulted with NC DOT but did not receive a response and NC DOT had “no comment” in the State Environmental Clearinghouse review (Attachments 21 and 22). The proposed project activities will be completed in accordance with all applicable federal, State, and local laws, regulations, and permit requirements and conditions. Thus, the proposed project is not anticipated to have an adverse impact on transportation and accessibility. Attachment 21: Transportation Correspondence.

Environmental Assessment Factor	Impact Code	Impact Evaluation
NATURAL FEATURES		
Unique Natural Features, Water Resources	2	The NC NHP database query report identified no records for rare species, important natural communities, natural areas, and/ or conservation/ managed areas within the proposed project boundary. According to the NC NHP database query results, there are two managed areas, a Town and County Open Spaces, documented within a one-mile radius southwest of the Subject Property (Attachment 8). Based on the site visits, there are no unique natural features identified onsite or offsite that would be directly or indirectly impacted by the proposed project (Attachment 1A). According to the USFWS NWI Map, there is only the drainage ditch identified as a riverine located on the Subject Property (Attachment 14). During the site visits, the drainage ditch was

		observed partially on the Subject Property (Attachment 1A). (Attachment 1A). During a previous site visit, a potential 0.05-acre <i>offsite</i> isolated wetland was identified within the CSX ROW but outside of the Subject Property and proposed project's footprint. A JD Request and correspondence was sent to USACE Wilmington Field Office, Regulatory Project Manager, Gary Beecher for review and comment. Mr. Beecher reviewed the project information, created a Lidar map and responded that the ditch appears to be a jurisdictional water of the U.S. (WOTUS). He said, "I don't really see a wetland on the lidar map." NCORR confirmed with the project engineer and USACE that there is no proposed work to the drainage ditch. <i>The official USACE "No Permit Required" JD and correspondence will be appended to the ERR upon receipt.</i> No new construction will occur in wetlands or water resources for the proposed project. The proposed project is designed to have no or minimal direct or indirect impacts to offsite wetlands. BMPs will be utilized such as using native plants for site restoration and silt fencing to prevent significant erosion and minimize potential erosion and impacts to wetlands. Additionally, a rain garden will be constructed, possibly with a short retaining wall, to capture and manage rainfall and stormwater runoff (Attachment 1). According to the NC DEQ comments, an E&SC plan must be submitted at least 30 days before beginning land disturbing activity <i>that satisfies the one (1) acre regulatory threshold</i> (Attachment 22). After receiving E&SC Plan approval, an e-NOI form must be submitted to receive a Certificate of Coverage (COC) under the NPDES Construction Stormwater permit (NCG010000). The E&SC Plan will adhere to SWPPP requirements. The proposed project activities will be completed in accordance with all applicable federal, State, and local laws, regulations, and permit requirements and conditions. Permits required and documentation for this proposed project shall be obtained before commencing work and appended to the ERR when received from the permitting agencies. Therefore, the proposed project is not expected to adversely impact Unique Natural Features or Water Resources. See Attachment 8: Endangered Species Documentation, Attachment 1A: Site Visit Photographs, and Attachment 22: State Environmental Clearinghouse Comments.
Vegetation, Wildlife	2	The Pembroke Park will preserve the property for public recreation on the walking trails and playground while incorporating native plant habitat, educational and flood mitigation components. A rain garden will be installed near the existing drainage ditch. The rain garden provides a cost-effective and beautiful way to reduce runoff, filter out pollutants and provide food and shelter for butterflies, songbirds and other

		wildlife. The longleaf pine trees planted along the Subject Property boundary will play a significant role in reducing flood risk by stabilizing soils, slowing water runoff, and improving water infiltration. NCORR contacted the Lumbee Tribe for native plant and tree recommendations that have been incorporated into the park designs. On July 29, 2026, NCORR received the THPO's response that "this project looks amazing!!!" with a recommended list of native plants and trees "that would make this green space a place of Indigenous Medicine and a Sovereign Sanctuary" (Attachment 12). The Town is adding lighting for safety reasons to the park. The addition of security lighting, fencing and other potential components has been evaluated in this review although the configuration has not been finalized. These components should not adversely impact species. Rather, the rain garden and native plants and trees will provide and preserve habitat for years to come. NCORR reviewed the proposed project using the USFWS Raleigh ES FO online 10-step project review process and made "no effect" (NE) determinations for proposed/listed species and/or proposed/designated critical habitat and a "no Eagle Act permit required" determination for Bald Eagles (Attachment 8). On July 20, 2026, the USFWS issued a North Carolina Ecological Services Field Offices (ESFOs) Determination Key (NC DKey) result of NE. Under ESA §7, if a federal action agency or designated representative makes a NE determination, no consultation with the Service is required for that species. The attached letter confirms NCORR may rely on effect determinations provided in the NC DKey for project review to satisfy agency consultation requirements under ESA Section 7(a)(2). <i>The Subrecipient will submit an annual update of this determination to USFWS until land-disturbing activity has started.</i> According to the NC DEQ comments, an E&SC plan must be submitted at least 30 days before beginning land disturbing activity <i>that satisfies the one (1) acre regulatory threshold (Attachment 22)</i>. After receiving E&SC Plan approval, an e-NOI form must be submitted to receive a Certificate of Coverage (COC) under the NPDES Construction Stormwater permit (NCG010000). The E&SC Plan will adhere to SWPPP requirements. In addition, the proposed project will incorporate BMPs such as using native plants for site restoration and silt fencing to prevent significant erosion. The proposed project activities will be completed in accordance with all applicable federal, State, and local laws, regulations, and permit requirements and conditions. Permits required for this proposed project shall be obtained before commencing work and appended to the ERR when received from the
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		permitting agencies. Therefore, the proposed project is not expected to adversely impact Vegetation or Wildlife at the Subject Property and surrounding area. <i>See Attachment 8:</i> Endangered Species Documentation and Attachment 22: State Environmental Clearinghouse Comments.
Other Factors	2	No other factors were identified which would be impacted by the proposed project.

Environmental Assessment Factor	Impact Code	Impact Evaluation
ENERGY		
Energy Efficiency	2	The proposed project will be a Town-owned park and playground with street parking and will only require a minor increase in energy use. The Town is adding lighting for safety reasons to the park. The addition of lighting has been evaluated in this review although the configuration has not been finalized. Thus, the proposed project will not have an adverse effect on energy use or efficiency.

Additional Studies Performed:

- Historical Review in **Attachment 7**

Field Inspection (Date and completed by):

- Jan Hester Maynor, Robeson County CDBG Liaison, September 1, 2026
- Bill Blankenship, Project Manager, HGA, LLC, March 12, 2022

List of Sources, Agencies and Persons Consulted:

- Robeson County Parcel Data, at https://maps.roktech.net/ROKMAPS_Robeson/
- Fact Sheet #D1: Siting HUD-Assisted Projects in Accident Potential Zones, at https://www.hud.gov/sites/documents/DOC_14225.PDF
- US EPA NEPAassist Tool, at <https://nepassisttool.epa.gov/nepassist/nepamap.aspx>
- Airport Data and Information Portal (ADIP), at <https://adip.faa.gov/agis/public/#/public>
- Federal Aviation Administration (FAA) Circle Search for Airports, at <https://oeaaa.faa.gov/oeaaa/external/searchAction.jsp?action=showCircleSearchAirportsForm>
- 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>
- NC Flood Risk Information System (FRIS), at <https://fris.nc.gov/>
- NFIP Community Status Book, at <https://www.fema.gov/flood-insurance/work-with-nfip/community-status-book>
- Federal Flood Standard Support Tool, at <https://floodstandard.climate.gov/tool>
- U.S. EPA Green Book, at https://www3.epa.gov/airquality/greenbook/anayo_nc.html
- EPA, Recent Updates: Federal Register Notices Published or Effective, <https://www3.epa.gov/airquality/greenbook/adden.html>
- North Carolina Division of Coastal Management, at <https://www.deq.nc.gov/about/divisions/division-coastal-management>
- NC DEQ's DWM Site Locator Tool, at <https://ncdenr.maps.arcgis.com/apps/webappviewer/index.html?id=7dd59be2750b40bebefa49fc383f688>
- NC DEQ's DWM Online Documents and Environmental Data website, at <https://deq.nc.gov/about/divisions/waste-management/waste-management-online-documents-and-environmental-data>
- CDC National Environmental Public Health Tracking Network (Data Explorer), at <https://ephtracking.cdc.gov/DataExplorer/>
- NC Dept. HHS Radon Testing and FAQs, at <https://radon.ncdhhs.gov/Testing.html> and <https://radon.ncdhhs.gov/FAQ.html>
- NC NHP
- USFWS Raleigh FO
- USFWS Information for Planning and Consultation (IPaC) , at <https://ipac.ecosphere.fws.gov/>
- USFWS Critical Habitat Mapper, at <https://ecos.fws.gov/ecp/report/table/critical-habitat.html>
- USFWS Eagle Management website, at <https://www.fws.gov/program/eagle-management/eagle-incident-disturbance-and-nest-take-permits>
- USFWS Migratory Bird Program website, at <https://www.fws.gov/library/collections/avoiding-and-minimizing-incident-disturbance-to-migratory-birds>
- NC NHP Data Explorer Tool, at <https://ncnhde.natureserve.org/>
- HUD Acceptable Separation Distance Calculator, at <https://www.hudexchange.info/environmental-review/asd-calculator/>
- ASTM Standard E1527-21, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.
- Historical Aerial Resources including Google Earth and NC DOT, USDA, and USGS Archives.
- US Department of Agriculture – Natural Resources Conservation Service (USDA-NRCS) Web Soil Survey, at <https://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm>

- North Carolina Department of Natural and Cultural Resources – State Historic Preservation Office, at <https://www.ncdcr.gov/old-state-historic-preservation-office>
- NC SHPO and NC HPOWEB, at <https://nc.maps.arcgis.com/home/item.html?id=79ea671ebdcc45639f0860257d5f5ed7>
- Natural Register of Historic Places Mapper, at <https://www.nps.gov/maps/full.html?mapId=7ad17cc9-b808-4ff8-a2f9-a99909164466>
- HUD Tribal Directory Assessment Tool, at <https://egis.hud.gov/tadat/>
- Catawba Indian Nation
- Lumbee Tribe of NC
- EPA Sole Source Aquifer Map, at <https://epa.maps.arcgis.com/apps/webappviewer/index.html?id=9ebb047ba3ec41ada1877155fe31356b>
- USFWS NWI Mapper, at <https://www.fws.gov/program/national-wetlands-inventory/wetlands-mapper>
- National Park Service, Nationwide Rivers Inventory, at <https://www.nps.gov/maps/full.html?mapId=8adbe798-0d7e-40fb-bd48-225513d64977>
- National Wild and Scenic Rivers System, at <https://www.rivers.gov/>
- North Carolina State Parks, at <https://www.ncparks.gov/find-a-park>
- National Wild and Scenic Rivers System, at <https://www.rivers.gov/>
- PAWSS Website, at <https://www.pawssinc.com/contact/emergency-contacts>
- Robeson County Parcels GIS Map, at https://maps.roktech.net/ROKMAPS_Robeson/
- Robeson County Public Schools Website, at <https://www.robeson.k12.nc.us/>
- Robeson County Parks and Recreation Department, at <https://www.robesoncountync.gov/robeson-county-parks-recreation>
- SEATS, at <https://www.robesoncountync.gov/seats>
- Pembroke, NC website, at <https://www.pembrokenc.com/>
- Pembroke, NC Planning website, at <https://pembrokenczoning.org/>
- Robeson County 2022 Comprehensive Plan adopted June 6, 2022 at <https://www.robesoncountync.gov/communitydev>
- The Robesonian, *Robeson County Still Recovering 5 Years After Hurricane Matthew's Havoc*, October 7, 2021 at <https://www.robesonian.com/news/150529/robeson-county-still-recovering-5-years-after-hurricane-matthews-havoc>
- The National Weather Service, *Hurricane Matthew in the Carolinas: October 8, 2016* at <https://www.weather.gov/ilm/Matthew?utm>

Local Agencies Consulted:

- Town of Pembroke, Town Manager/ Planning & Zoning, Tyler Thomas, (910) 521-9758
- Robeson County, County Manager, Kellie Hunt Blue, kellie.blue@robesoncountync.gov
- Town of Pembroke, Public Works Director, Pierre Locklear, (910-521-2458)
- Town of Pembroke, Police Department, Chief Adrian Hunt, Adrian@pembrokenc.gov

- Town of Pembroke, Fire Department, Chief Timothy Ryan Locklear, ryan.locklear@robesoncountync.gov
- Town of Pembroke, Fire Marshal, Dwight Sheppard, sheppardl@gmail.com
- Robeson County Sheriff's Office, Sheriff Burnis L. Wilkins Jr., sheriff.wilkins@robesoncountysnc.gov
- Robeson County, EMS Director, Patrick Cummings, Patrick.cummings@co.robeson.nc.us
- Robeson County EM/Fire Marshal Office, Director AAS, Justin Hunt, justin.hunt@robesoncountync.gov
- Town of Pembroke, Parks & Recreation Director, Jarrett Graham, jarrett@pembrokenc.gov
- NC DOT, Division of Highways, Division 6, Robeson County, District Engineer, Brice Bell, PE, CPM, bricebell@ncdot.gov

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. Permits that *might* be required include, but are not limited, to:

- NCDEQ NPDES Construction Stormwater Permit (NCG010000) and Certificate of Coverage (*if meets 1-acre threshold or minimum requirements*)
- NC DEQ DEMLR E&SC Plan Approval (*if meets 1-acre threshold or minimum requirements*)
- Site Plan Approval (*to be submitted*)

Public Outreach [24 CFR 50.23 & 58.43]:

- State Environmental Clearinghouse Review of Draft EA, July 24, 2026 through August 24, 2026
- Town Council, project reviewed at meetings on August 3 and 18 and September 8, 2026

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 Subject Property or surrounding environment and will not have an adverse environmental or health effect on end users with the implementation of proper mitigation measures outlined in this environmental review. The proposed project will provide a community resource in

a Town-owned park and playground with native plant habitat, educational and flood mitigation components. There will be numerous benefits of this proposed project to the community and Town of Pembroke, Robeson County, NC.

Alternatives [24 CFR 58.40(e)]:

There are three main alternatives to the proposed project, selection of a different site location, a different scope or the “No Action” Alternative. The Town of Pembroke currently owns the Subject Property and it was identified as an ideal site for a public facility or improvement project. The Hurricane Matthew Resilient Redevelopment Plan for Robeson County dated May 2017 identified stormwater repairs and improvements as a high priority to address local flooding. The County, Town, and NCORR explored various designs to daylight and/or upgrade the existing underground culvert and drainage ditch located partially on the Subject Property to address and mitigate future flooding events. Ultimately, CSX rejected the project after reviewing plans stating “CSXT will accept no increase in flow rate onto its property and into its trackside ditch” in November 2022. There were subsequent unsuccessful attempts to purchase the two vacant adjoining parcels or easements. The Pembroke Park will preserve the property for public recreation on the walking trails and playground while incorporating native plant habitat, educational and flood mitigation components. NCORR contacted the Lumbee Tribe for native plant and tree recommendations that have been incorporated into the park designs. On July 29, 2026, NCORR received the THPO’s response that “this project looks amazing!!!” with a recommended list of native plants and trees “that would make this green space a place of Indigenous Medicine and a Sovereign Sanctuary.” Therefore, the Subject Property is the ideal location for the project as proposed which is the most suitable and will provide numerous benefits to the community and Town that would not be realized if the parcel remained vacant.

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

With the “No Action” Alternative, the Town-owned park and playground with street parking would not be built. The Subject Property would remain vacant, underutilized, and susceptible to flooding. The County, Town, and NCORR sought a public facility or infrastructure project to improve stormwater flow and reduce flooding for residences severely impacted during Hurricane Matthew near the Subject Property. This proposed project was designed to not impact the drainage ditch and comply with CSX’s mandate to not “increase flow rate onto its property and into its trackside ditch” while providing a valuable community space with flood mitigation components. Thus, the “No Action” Alternative is not feasible in relation to the desired objective of improving this site for the Town and community while providing flood mitigation.

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 project.

Mitigation Measures and Conditions:

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
Clean Air Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93	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. Mitigation measures for dust control will be implemented to reduce potential impacts to air quality during construction. The proposed project will conform to NC Air Quality Management regulations during and following construction. The contractor will use BMPs to reduce fugitive dust generation and diesel emissions. BMPs 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 construction vehicles and machinery operating at lower 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.
Noise Abatement and Control Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B	Short-term construction work will adhere to local noise control standards/regulations. Construction noise will be limited to daytime hours, Monday through Friday, except in emergency situations. Construction equipment will be required to meet local sound control requirements.
Conformance with Plans / Compatible Land Use and Zoning / Scale and Urban Design	The Town Council reviewed the proposed project's preliminary site plans at their most recent September 8, 2026 and August meetings. <i>Any scope changes and Town site plan and related approvals will be promptly sent to NCORR for review in accordance with HUD 24 CFR Part 58 and associated laws and regulations.</i> According to a Zoning Certification completed by the Town Manager, Tyler Thomas, the zoning classification is currently Industrial District which allows for the proposed use (Attachment 16). The adjoining ROWs will be abandoned by the Town and recombined with the existing Town-owned parcels, if necessary.
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	<i>Any fill material must come from an approved source, and applicable NC regulations on erosion control permit might apply. The soils will be confirmed to be “clean” fill and that it meets project requirements prior to importing the material. The proposed project will be designed in a way to balance the grading and not require as much off-site material, if possible. Any soil removed from the site will be quantified and only exported to an approved site per NC requirements.</i> According to the NC DEQ comments, an E&SC plan must be submitted at least 30 days before beginning land disturbing activity <i>that satisfies the one (1) acre regulatory threshold (Attachment 22)</i>. After receiving E&SC Plan approval, an e-NOI form must be submitted to receive a Certificate of Coverage (COC) under the NPDES Construction Stormwater permit (NCG010000). The E&SC Plan will adhere to SWPPP requirements. In addition, the proposed project will incorporate BMPs such as using native plants for site restoration and silt fencing to prevent significant erosion. The proposed project activities will be completed in accordance with all applicable federal, State, and local laws, regulations, and permit requirements and conditions. Permits required for this proposed project shall be obtained before commencing work and appended to the ERR when received from the permitting agencies.

Determination:

☒ **Finding of No Significant Impact** [24 CFR 58.40(g)(1)]

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)]

The project may significantly affect the quality of the human environment.

Preparer Signature: Andrea Gievers Date: 9/13/26

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

Certifying Officer Signature: Jennifer Holmes Date: 9/14/2026
DocuSigned by:
55B48D17F04E401...

Name/Title: Jennifer Holmes, Compliance 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:

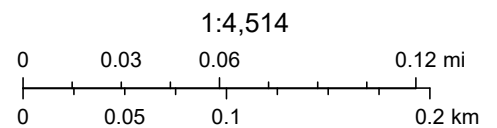
Proposed Project Location Maps and Preliminary Site Plans

Pembroke Park - Aerial Map



July 15, 2026

 Pembroke Park



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, NC CGIA, Vantor

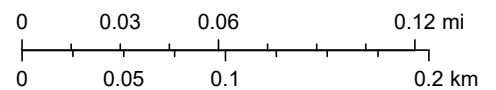
Pembroke Park - Street Map



July 15, 2026

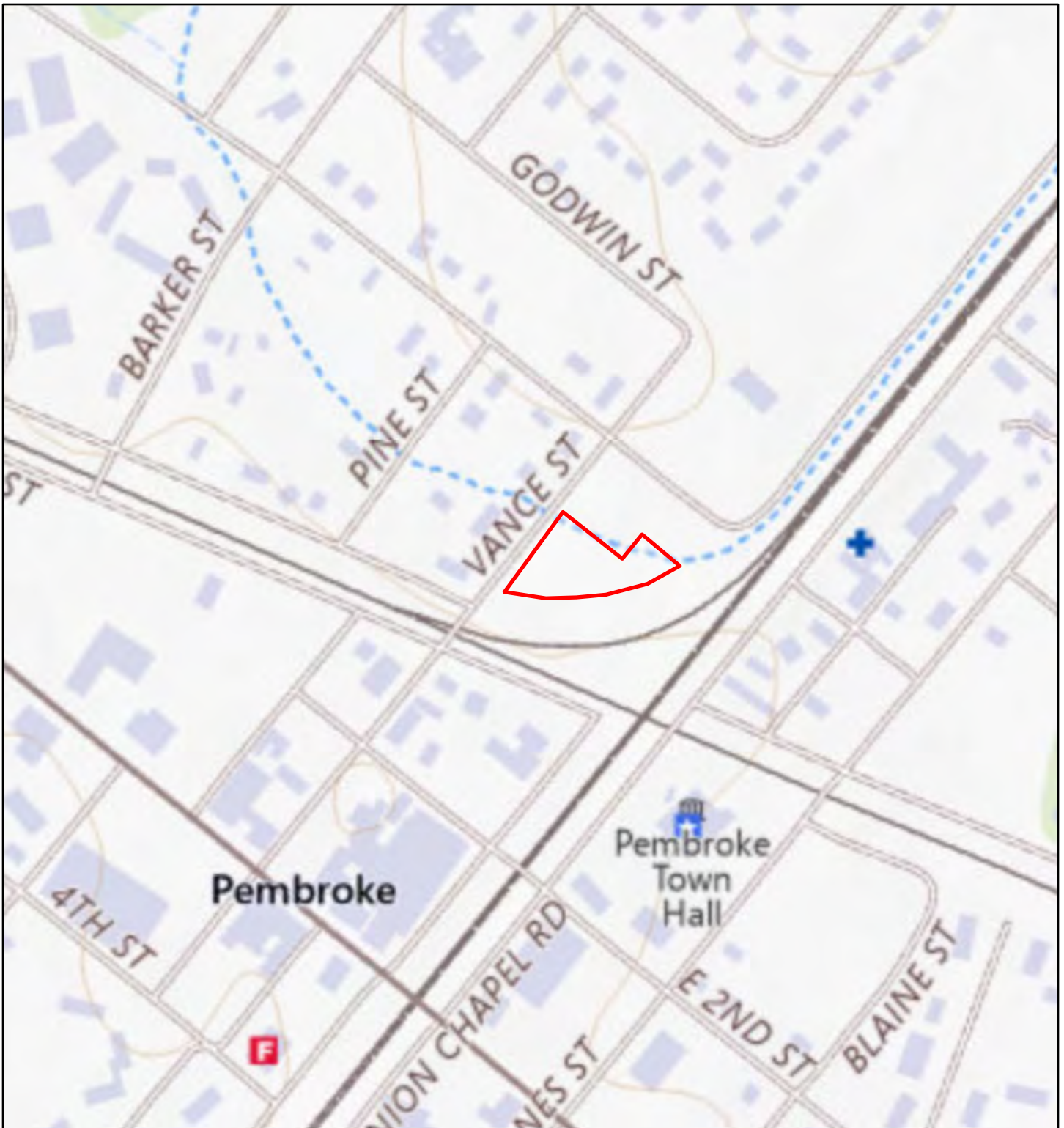
 Pembroke Park

1:4,514



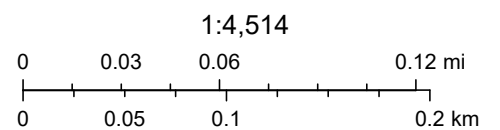
Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community

Pembroke Park - Topographic Map



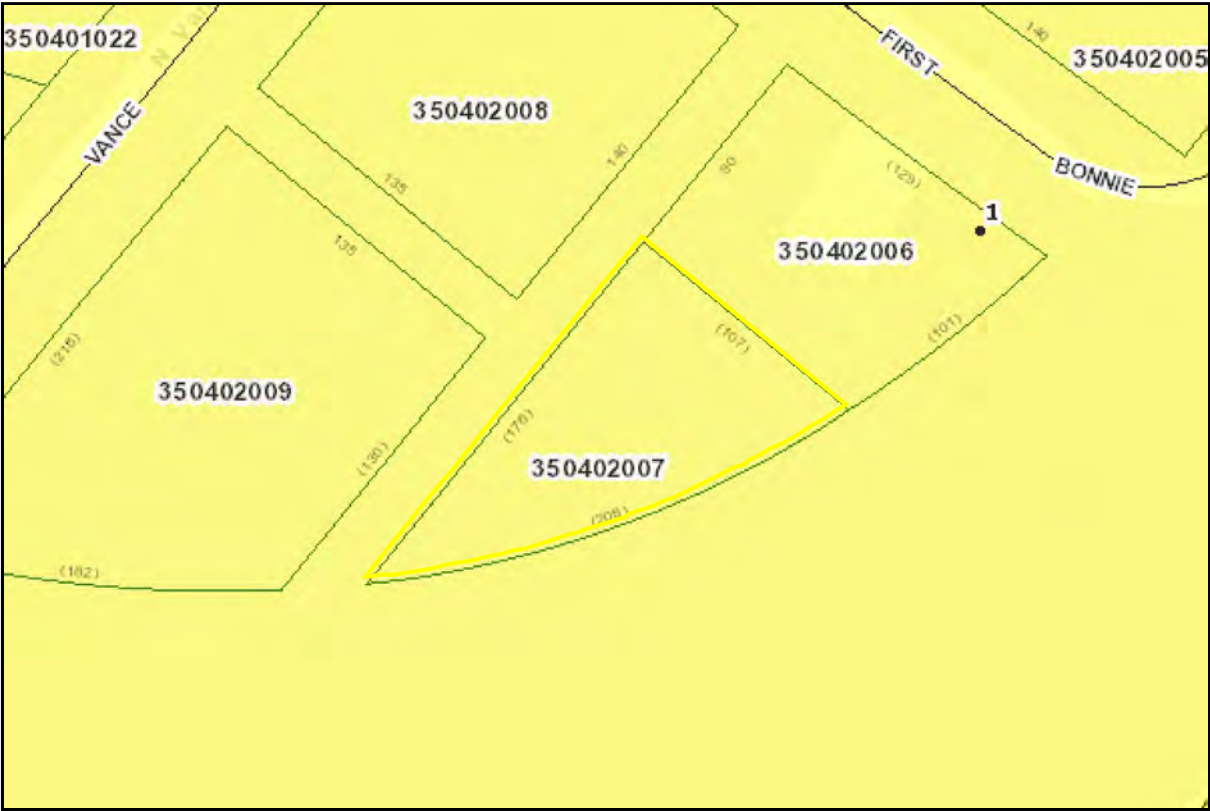
July 15, 2026

 Pembroke Park



USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems; U.S. Census Bureau TIGER/Line data; USFS Road data; Natural Earth Data; U.S.

County of Robeson, NC

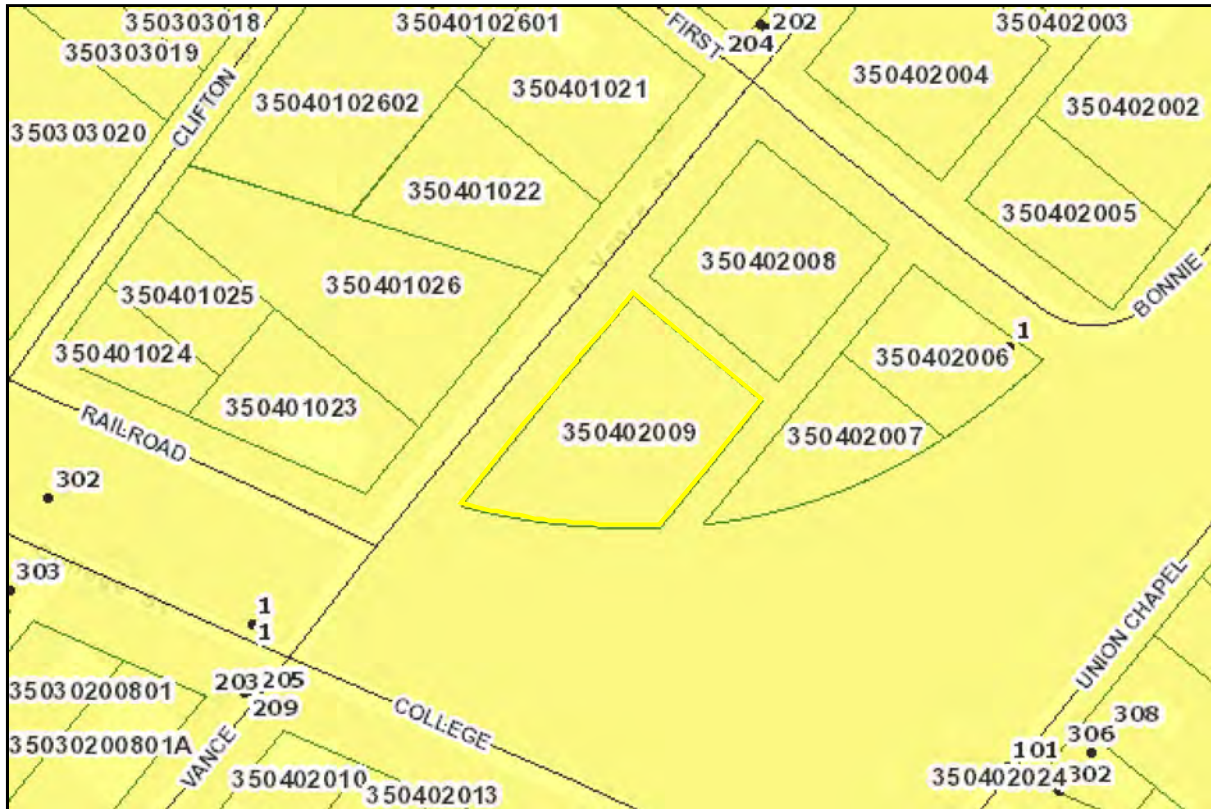


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LOT	null
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PAR_CODE	
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SUBMAP	
BLOCK	29
PARCEL	3229
SUBPARCEL	00
PHYLOCAT	87664
CITYCODE	
ROUTENUM	0
OWNERID	47114014
CUROWNID	47114014

OWNAM1	TOWN OF PEMBROKE
OWNAM2	
OWNAM3	
OWADR1	PO BOX 866
OWADR2	
OWADR3	
OWADR4	
OWCITY	PEMBROKE
OWSTATE	NC
OWZIP	28372
STNUM	0
STSUFFIX	
STDIR	
STNAME	.
STTYPE	
STDIRSUF	
UNITNO	
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MAPACRE	0.2
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TOWNCODE	35
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PARDESC1	E-70
NBHCLASS	
NBHCODE	35011
EXEMCODE	E70
DEEDBOOK	
DEEDPAGE	
DEEDYEAR	0
PLATBOOK	
PLATPAGE	
DATESOLD	0
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LEGDESC2	
LEGDESC3	
PARDESC4	
GROUPPAR	934329322900
REQREVIEW	
PHYSTRADR	.
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AREACODE	1
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IMPASVCUR	0
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SALEINST	
DEEDSTMP	0

County of Robeson, NC



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PHYLOCAT	56469
CITYCODE	
ROUTENUM	0
OWNERID	47114013
CUROWNID	47114013

OWNAM1	TOWN OF PEMBROKE
OWNAM2	
OWNAM3	
OWADR1	P O BOX 866
OWADR2	
OWADR3	
OWADR4	
OWCITY	PEMBROKE
OWSTATE	NC
OWZIP	283720000
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STDIRSUF	
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PLATBOOK	
PLATPAGE	
DATESOLD	0
LEGDESC1	LT 1 3 BL E MASSEY SD
LEGDESC2	
LEGDESC3	
PARDESC4	
GROUPPAR	934329135000
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SALEINST	
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REVISIONS			
SYM.	DESCRIPTION	DATE	BY

PRELIMINARY – DO NOT USE FOR CONSTRUCTION

LKC Engineering, PLLC
390 W. Pennsylvania Avenue
Southern Pines, NC 28387
910.420.1437
lkceengineering.com
License No. P-1095

Engineering
Landscape Architecture
Surveying

LKC

Pocket Park
Town of Pembroke
Robeson County, North Carolina

DATE: September, 2026
DESIGNED:
DRAWN:
CHECKED:
NO.

ATTACHMENT 1A:

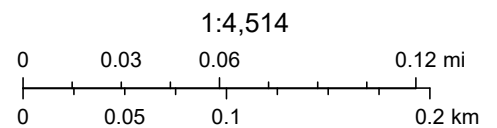
Site Visit Photographs

Pembroke Park - Aerial Map



July 15, 2026

 Pembroke Park



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, NC CGIA, Vantor

PEMBROKE PARK PROJECT – SITE VISIT PHOTOGRAPHS - 9/1/2026



PEMBROKE PARK PROJECT – SITE VISIT PHOTOGRAPHS - 9/1/2026



Subject Property is Mowed



PEMBROKE PARK PROJECT – SITE VISIT PHOTOGRAPHS - 9/1/2026



PEMBROKE PARK PROJECT – SITE VISIT PHOTOGRAPHS - 9/1/2026



PEMBROKE PARK PROJECT - SITE VISIT PHOTOGRAPHS - 3/12/2022



36. Pembroke - Project Site Area, Facing North



PEMBROKE PARK PROJECT - SITE VISIT PHOTOGRAPHS - 3/12/2022



PEMBROKE PARK PROJECT - SITE VISIT PHOTOGRAPHS - 3/12/2022



30 - Pembroke - Project Site, facing North



25. Pembroke - Ornamental Bradford Pears, facing West

PEMBROKE PARK PROJECT - SITE VISIT PHOTOGRAPHS - 3/12/2022



PEMBROKE PARK PROJECT - SITE VISIT PHOTOGRAPHS - 3/12/2022



32. Pembroke - Project Site Area, Facing West-Southwest



33. Pembroke - Project Site Area, Facing West

ATTACHMENT 2:

Airport Hazards

NEPAssist Airports Maps with 2,500-foot
and 15,000-foot Buffers

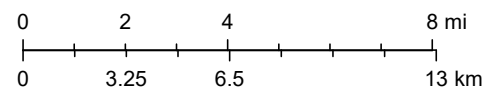
Pembroke Park - Airports Map with 2,500-foot Buffer



July 15, 2026

-  Project Buffer
-  Pembroke Park
-  Airport Points
-  Airport Polygons

1:288,895



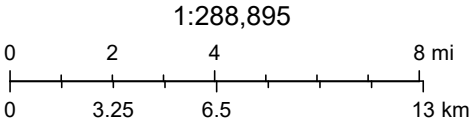
Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, EPA OEI, Earthstar Geographics

Pembroke Park - Airports Map with 15,000-foot Buffer



July 15, 2026

-  Project Buffer
-  Pembroke Park
-  Airport Points
-  Airport Polygons



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, EPA OEI, Earthstar Geographics

ATTACHMENT 3:

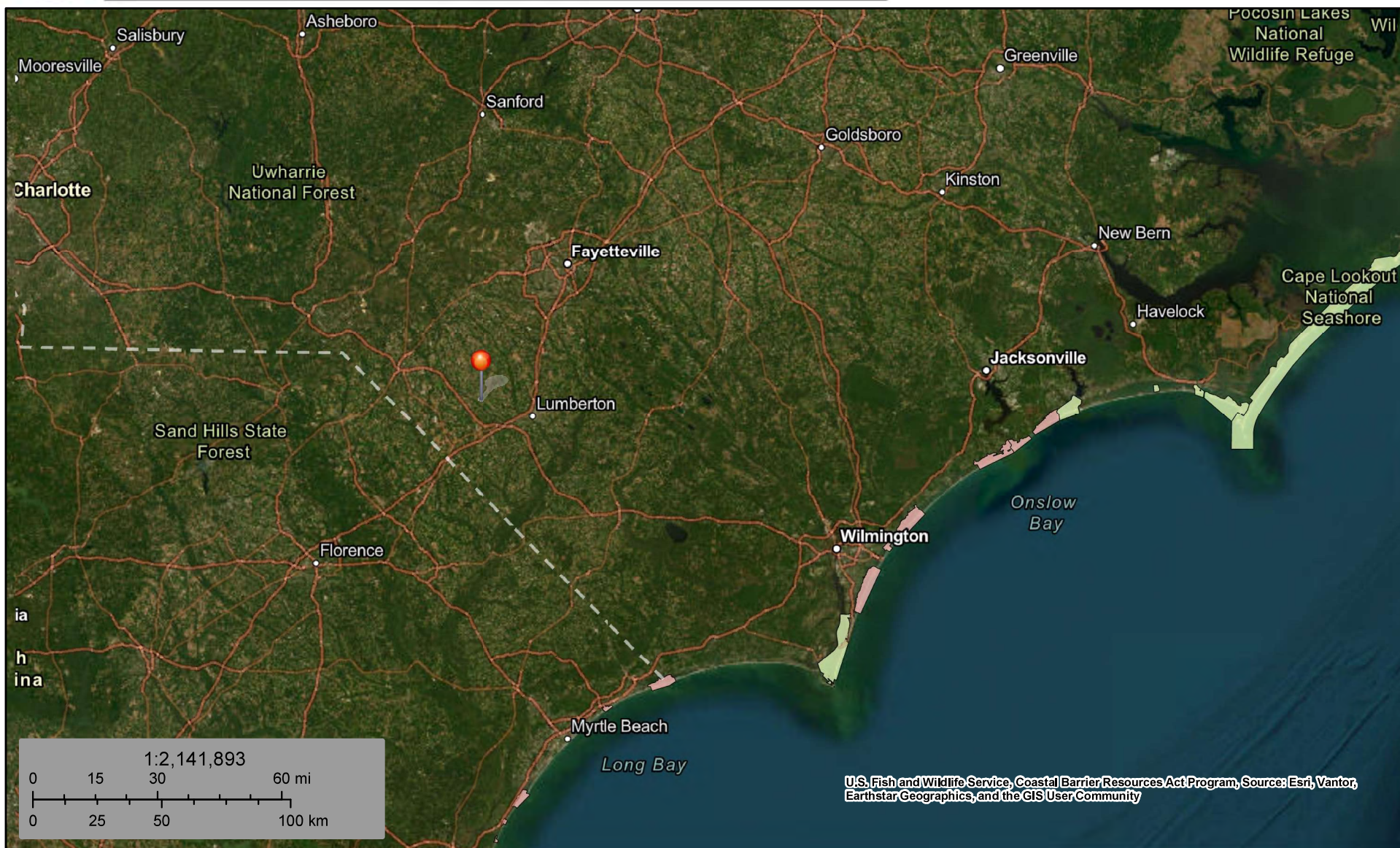
Coastal Barrier Resources

USFWS CBRS Map and Certification



U.S. Fish and Wildlife Service Coastal Barrier Resources System

Pembroke Park



July 16, 2026

CBRS Units

-  Otherwise Protected Area
-  System Unit

This map is for general reference only. The Coastal Barrier Resources System (CBRS) boundaries depicted on this map are representations of the controlling CBRS boundaries, which are shown on the official maps, accessible at <https://www.fws.gov/library/collections/official-coastal-barrier-resources-system-maps>. All CBRS related data should be used in accordance with the layer metadata found on the CBRS Mapper website.

The CBRS Buffer Zone represents the area immediately adjacent to the CBRS boundary where users are advised to contact the Service for an official determination (<https://www.fws.gov/service/coastal-barrier-resources-system-property-documentation>) as to whether the property or project site is located "in" or "out" of the CBRS.

CBRS Units normally extend seaward out to the 20- or 30-foot bathymetric contour (depending on the location of the unit). The true seaward

Coastal Barrier Resources System Mapper Documentation



CBRS Units

- | | |
|--|--|
|  Otherwise Protected Area |  CBRS Buffer Zone |
|  System Unit |  -79.192267, 34.68214 |

0 65 130 260 390 ft
1:4,514

 The pin location displayed on the map is a point selected by the user. Failure of the user to ensure that the pin location displayed on this map correctly corresponds with the user supplied address/location description below may result in an invalid federal flood insurance policy. **The U.S. Fish and Wildlife Service (Service) has not validated the pin location with respect to the user supplied address/location description below. The Service recommends that all pin locations be verified by federal agencies prior to use of this map for the provision or denial of federal funding or financial assistance.** Please note that a structure bisected by the Coastal Barrier Resources System (CBRS) boundary (i.e., both "partially in" and "partially out") is within the CBRS and therefore affected by CBRA's restrictions on federal flood insurance. A pin placed on a bisected structure must be placed on the portion of the structure within the unit (including any attached features such as a deck or stairs).

User Name: Andrea Gievers

User Organization: NCORR

User Supplied Address/Location Description: Pembroke Park, First St. and N Vance St., Pembroke, NC 28372

Pin Location: Outside CBRS

Pin Flood Insurance Prohibition Date: N/A

Pin System Unit Establishment Date: N/A

The user placed pin location is not within the CBRS. The official CBRS maps are accessible at <https://www.fws.gov/library/collections/official-coastal-barrier-resources-system-maps>.

The CBRS information is derived directly from the CBRS web service provided by the Service. This map was exported on 7/16/2026 and does not reflect changes or amendments subsequent to this date. The CBRS boundaries on this map may become superseded by new boundaries over time.

This map image may be void if one or more of the following map elements do not appear: basemap imagery, CBRS unit labels, prohibition date labels, legend, scale bar, map creation date. For additional information about flood insurance and the CBRS, visit: <https://www.fws.gov/node/263838>.



ATTACHMENT 4:

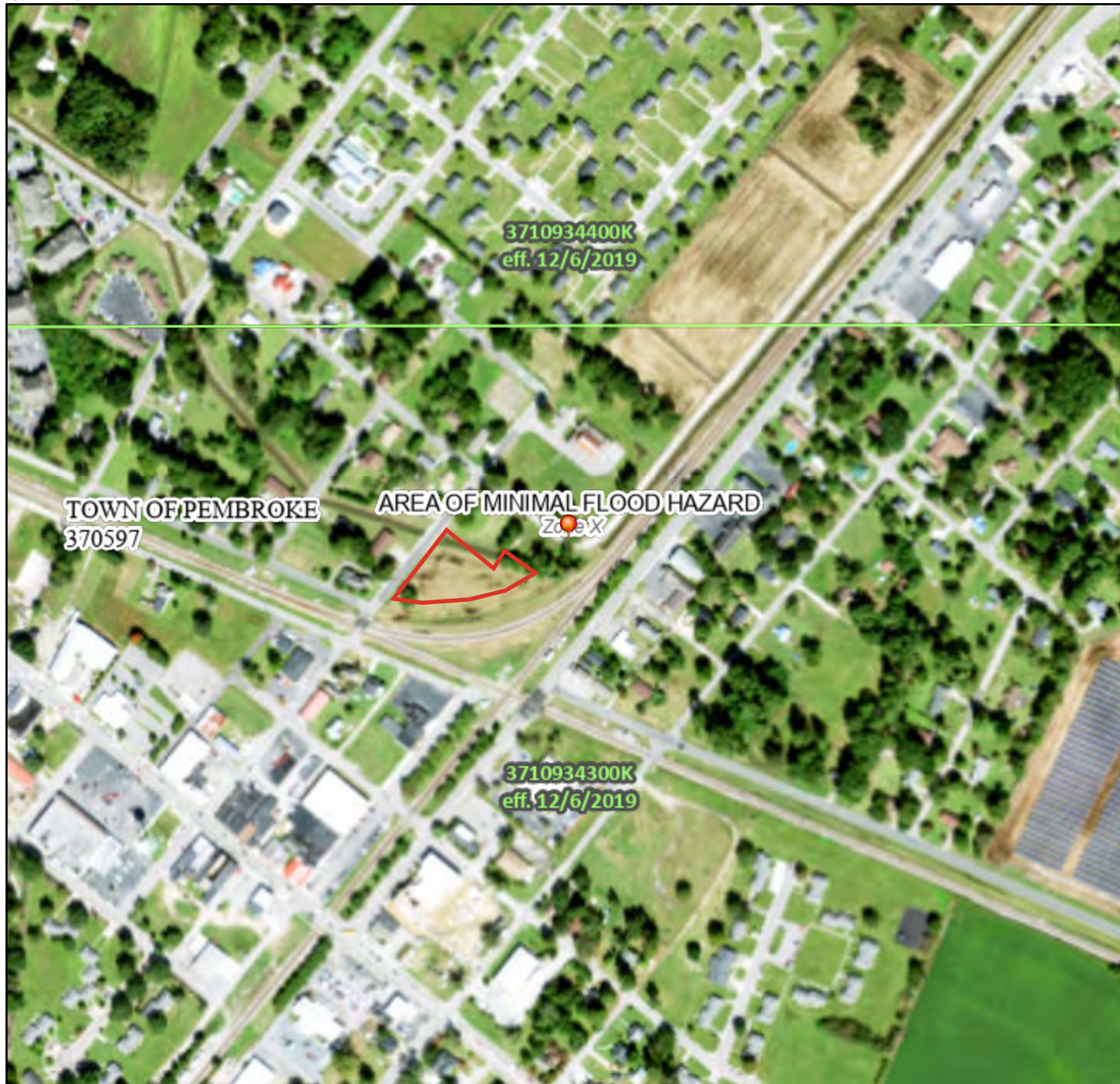
Flood Insurance

FEMA FIRMs with Parcel Boundary

National Flood Hazard Layer FIRMette



79°11'47"W 34°41'11"N



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

1:6,000

79°11'10"W 34°40'42"N

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
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
OTHER FEATURES		Levee, Dike, or Floodwall
		Cross Sections with 1% Annual Chance Water Surface Elevation
OTHER FEATURES		Coastal Transect
		Base Flood Elevation Line (BFE)
OTHER FEATURES		Limit of Study
		Jurisdiction Boundary
OTHER FEATURES		Coastal Transect Baseline
		Profile Baseline
OTHER FEATURES		Hydrographic Feature
		Digital Data Available
MAP PANELS		No Digital Data Available
		Unmapped



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 **1/22/2022 at 7:00 AM** 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.

Pembroke Park - FEMA FIRM



July 16, 2026

1:18,056

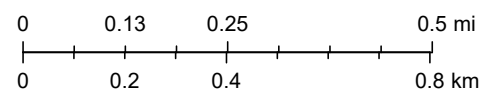
Flood Hazard Zones

1% Annual Chance Flood Hazard

 Regulatory Floodway

0.2% Annual Chance Flood Hazard

☐ Pembroke Park



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, NC CGIA, Vantor

ATTACHMENT 5:

Clean Air

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



You are here: EPA Home > Green Book > >National Area and County-Level Multi-Pollutant Information >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 August 31, 2026

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/m³) 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

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	04050607080910111213	01/02/2014	Moderate	Whole	178,011	37/025
Cabarrus County	8-Hour Ozone (2008)	Charlotte-Rock Hill, NC-SC	121314	08/27/2015	Marginal	Part	176,928	37/025
Catawba County	PM-2.5 (1997)-NAAQS revoked	Hickory-Morganton-Lenoir, NC	050607080910	12/19/2011 *	Former Subpart 1	Whole	154,358	37/035
Chatham County	8-Hour Ozone (1997)-NAAQS revoked	Raleigh-Durham-Chapel Hill, NC	040506	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	050607080910	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	04050607080910111213	01/02/2014	Moderate	Whole	206,086	37/071
Gaston County	8-Hour Ozone (2008)	Charlotte-Rock Hill, NC-SC	121314	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	050607080910	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	04050607080910111213	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	04050607080910111213	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
Mecklenburg County	1-Hour Ozone (1979)-NAAQS revoked	Charlotte-Gastonia, NC	929394	07/05/1995	Moderate	Whole	919,628	37/119

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or/ Part County	Population (2010)	State/ County FIPS Codes
Mecklenburg County	8-Hour Ozone (1997)-NAAQS revoked	Charlotte-Gastonia-Rock Hill, NC-SC	04050607080910111213	01/02/2014	Moderate	Whole	919,628	37/119
Mecklenburg County	8-Hour Ozone (2008)	Charlotte-Rock Hill, NC-SC	121314	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	04050607080910111213	01/02/2014	Moderate	Whole	138,428	37/159
Rowan County	8-Hour Ozone (2008)	Charlotte-Rock Hill, NC-SC	121314	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	04050607080910111213	01/02/2014	Moderate	Whole	201,292	37/179
Union County	8-Hour Ozone (2008)	Charlotte-Rock Hill, NC-SC	121314	08/27/2015	Marginal	Part	176,055	37/179

County	NAAQS	Area Name	Nonattainment in Year																Redesignation to Maintenance	Classification	Whole or/ Part County	Population (2010)	State/ County FIPS Codes	
Wake County	1-Hour Ozone (1979)-NAAQS revoked	Raleigh-Durham, NC	9293																	06/17/1994	Moderate	Whole	900,993	37/183
Wake County	8-Hour Ozone (1997)-NAAQS revoked	Raleigh-Durham-Chapel Hill, NC											040506							12/26/2007	Former Subpart 1	Whole	900,993	37/183
Wake County	Carbon Monoxide (1971)	Raleigh-Durham, NC	929394																	09/18/1995	Moderate <= 12.7ppm	Whole	900,993	37/183

Important Notes

ATTACHMENT 6:

Coastal Zone Management

NC Division of Coastal Management
(DCM) Counties Map



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

ATTACHMENT 7:

Contamination and Toxic Substances

HUD Environmental Standards Review,
NEP Assist EPA Facilities with 1-mile, 3,000-foot,
and 0.5-mile Buffers, NC DEQ DWM Site Locator
Reports with 1-mile, 3,000-foot, and 0.5-mile,
Buffers, Facility Reports, Site Inspection
Documentation, and Historical Review

HUD Environmental Standards Review

Pembroke Park

Vance Street near First Street West, Pembroke, Robeson County, NC 28372

Introduction

The purpose of this review is to ensure that the project complies with U.S. Department of Housing and Urban Development (HUD) environmental standards in relation to 24 CFR Part 58.5. Properties that are proposed for use in HUD programs “must be free of 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 property.”

A desktop review was performed to identify whether the Subject Property referenced in the title of this document complies with the following criteria:

- (i) is not Listed on an U.S. Environmental Protection Agency (EPA) Superfund National Priorities or Comprehensive Environmental Response Superfund National Priorities or Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) List, or equivalent State list;
- (ii) is not located within 3,000 feet of a toxic or solid waste landfill site;
- (iii) does not have an underground storage tank; and
- (iv) is not known or suspected to be contaminated by toxic chemicals or radioactive materials.

Summary of Findings

SUBJECT PROPERTY RECORDS REVIEW

Site Inspections: The Subject Property consists of approximately one acre located along Vance Street near First Street West, Pembroke, Robeson County, NC 28372 (**Attachment 1**). Multiple site inspections have been performed at the Subject Property. The most recent site inspection was performed by *Jan Hester Maynor*, Robeson County CDBG Liaison, on September 1, 2026 (**Attachment 1A – Site Visit Photographs**). The site visit photographs taken by *Bill Blankenship*, Project Manager, HGA, LLC, during his site inspection on March 12, 2022 are also included in **Attachment 1A**. There have been no visible changes to the Subject Property from the 2022 to 2026 site visits. The Subject Property consists of a vacant mowed lawn with frontage along Vance Street in a residential neighborhood (**Attachment 1A**). There is no evidence of buildings or structures on the Subject Property. A small stand of mostly mature Bradford pear trees are situated in the northeast corner near the existing drainage ditch which runs under Vance Street and east towards Bonnie Road. One existing mature pecan tree is located on the southwestern portion of the Subject Property close to Vance Street and West Railroad Street. There are existing overhead transmission lines on the Subject Property ROW along Vance Street. The Subject Property is situated north of the CSX ROW property with railroad tracks running parallel to College Street and Union Chapel Road and southerly tracks that intersect near College Street and Union Chapel Road.

Historical Review: According to the Robeson County Tax Map, the two Town-owned parcels are identified as Parcel ID #350402007 which is 0.2 acres and #350402009 which is 0.6 acres and their adjoining Right-of-Way (ROW) (**Attachment 1**). The Subject Property consists of a vacant mowed lawn with frontage along Vance Street in a residential neighborhood (**Attachment 1A**). There is no evidence of buildings or structures on the Subject Property. There are no Sanborn maps available for the Subject Property and surrounding area. There are City Directories available from 1992 through 2020 (**Attachment 7**). There are no older general or Pembroke-specific printed City Directories (1950–1989) digitized online. General U.S. City Directories exist, but Pembroke editions aren't accessible digitally. The historical records show the Subject Property and adjacent lots were surveyed and subdivided for single-family housing lots on October 1, 1919 and October 29, 1926 (**Attachments 7 and 12**). These R.W. Massey property surveys show the railroad ROW present along with the *Pembroke Seaboard Coastline Railroad Depot* and railroad tracks (see **Attachments 7 and 12**).

Based on the Historical Aerials, the Subject Property had the drainage ditch present from 1938 to Present (**Attachment 7**). According to the Robeson County Property Tax Card for the Subject Property, **Pates Supply Co., Inc.** was the owner on January 30, 1941. The **Pates Supply Company** retail store was located at 205 Union Chapel Rd, Pembroke, NC 28372 and founded in 1922. **Pates Supply Company** sold clothing, hardware, lumber, farm machinery, etc. In 1964, a structure is present in the southwestern corner with a fenced storage yard area in the center of the Subject Property. Since the structure appears between 1958 and 1964, the structure is likely retail storage for **Pates Supply Company** which is the owner from 1941 until 1986. In 1971, the onsite structure does not appear present on the Subject Property. Property records show that West Railroad Street and Vance Street are primarily residential with homes built between the 1940s–1960s, and no evidence of commercial storefronts. The neighboring area of West Railroad Street near Vance Street had predominately residential zoning. The Subject Property remained vacant from 1971 until briefly in 1987. From historic newspaper articles, the **Pates Supply Company** donated the parcels to the **Town of Pembroke**, the recorded owner on May 23, 1986. The *Pembroke Seaboard Coastline Railroad Depot* was successfully moved to the adjacent Town-owned Subject Property by June 18, 1987. The *Railroad Depot* structure burned down on January 18, 1988 (**Attachment 7 - The Carolina Indian Voice Archive**). The Subject Property has remained vacant since that time.

The Subject Property does not have any visual evidence of historical structures including the *Railroad Depot* which burned down in 1988 or the 1964 structure. There is no evidence of hazards on the site that could pose a hazard to workers during construction. In the event that unexpected, contaminated or potentially hazardous materials, soils or debris are encountered during construction, then work in the area shall cease immediately and the work area shall be secured. The appropriate NC DEQ Regional Office will be contacted and the contamination assessed with an environmental consultant. Appropriate measures will be taken to address the hazard(s) (i.e., contaminated soils, hazardous debris, USTs, lead-based paint, etc.), and, if removed, will be properly disposed of in the appropriate NC DEQ Division of Waste Management (DWM) approved facility in accordance with federal, state and local laws and regulations (e.g., RCRA Subtitles C and D, NESHAP 40 CFR 61.150, and NC Solid Laws NCGS 130A, and NC Hazardous Waste Rules 15A NCAC 13A). If any USTs are discovered, then the NC DEQ DWM's UST Section Fayetteville Regional Office will be notified. If any abandoned wells are discovered, then NC DEQ will be notified and abandoned in accordance with Title 15A. Subchapter 2C.0100. "Any open burning associated with the subject proposal must be in compliance with 15A NCAC 2D.1900" (**Attachment 22**).

Nearby Phase I Environmental Site Assessment (ESA): A Phase I ESA was completed for the nearby **Former Pembroke Bulk Oil Plant** on South Jones Street and Blaine Street on November 25, 2024 (**Attachment 7**). This Phase I ESA is included in the *Contamination and Toxic Substances* documentation in **Attachment 7**. The Phase I ESA was reviewed independently along with the EPA and NC DEQ DWM records, Laserfiche, and other documentation on the facilities identified in this review. Information was checked and verified and added to each facility summary herein, as needed.

EPA Records: According to NEPAassist, 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. A review of the U.S. EPA Facilities Database provides no indication of past uses of the Subject Property that could have contaminated the Subject Property or could affect the health and safety of occupants or conflict with the intended utilization of the Subject Property.

North Carolina Department of Environmental Quality (NC DEQ) Records: According to the NC DEQ DWM UST Section, Fayetteville Regional Office, there are no reported petroleum releases known to exist at this location, nor are there any records of registered USTs at the Subject Property (**Attachment 22**). Notification of the proper NC DEQ DWM regional office is required if "orphan" underground storage tanks (USTs) are discovered during any excavation operation (**Attachment 22**). According to NC DEQ DWM Site Locator Tool, the Subject Property is not identified on any lists for contamination. Further, there are no recorded Land Use Restrictions and/or Notices for the Subject Property. Thus, there were no hazards identified that could affect the health and safety of occupants or conflict with the intended utilization of the Subject Property.

County/Region/Town Records: None.

CDC - Radon: Radon is not considered a risk for this proposed project, since the proposed project does not involve ground-level, occupied structures with indoor air quality concerns. The project is exempt from radon consideration as noted in the January 11, 2024 CPD Notice: CPD-23-103. Furthermore, according to CDC National Environmental Public Health Tracking Network (Data Explorer) data reported to CDC by state governments on annual mean, pre-mitigation radon level measurements in tested buildings for 2022-2013 for Robeson County, the average documented radon levels for Robeson County over the previous ten years is **0.49 pCi/L** with a total of 125 buildings tested. No additional steps are required for radon testing or mitigation (**Attachment 7**).

SURROUNDING PROPERTIES RECORDS REVIEW

Surrounding Properties Historical Review: The historical records show the Subject Property and adjacent lots were surveyed and subdivided for single-family housing lots on October 1, 1919 and October 29, 1926 (**Attachments 7 and 12**). These R.W. Massey property surveys show the railroad ROW present along with the *Pembroke Seaboard Coastline Railroad Depot* and tracks (see **Attachments 7 and 12**). Based on the Historical Aerials, single-family homes are present across Vance Street and to the north, commercial storefronts across Union Chapel Road and College Street, and the *Pembroke Seaboard Coastline Railroad Depot* (present from 1938 to 1985) and railroad tracks along the southern boundary (**Attachment 7**). The *Railroad Depot* was successfully moved to the adjacent Town-owned Subject Property by June 18, 1987 where it burned down on January 18, 1988 (**Attachment 7** - The Carolina Indian Voice Archive). In December 2011, the Locklear's single-family house located at 101 First Street West,

northeast adjacent of the Subject Property, appeared burned with no roof and one onsite structure intact. By October 2016, all structures have been removed from the site. The Holmes' single-family house located northwest adjacent of the Subject Property appeared no longer present in 2006. Development of the surrounding area has increased over time with the vicinity of the Subject Property changing from primarily agricultural to a mixture of agricultural, residential, and commercial, industrial and government uses.

EPA Records: There are federal *Brownfields* sites, *hazardous waste (RCRA)* facilities, *Toxic Release Inventory (TRI)* sites, and *water discharger (NPDES)* sites located within a one-mile radius of the Subject Property. According to NEPAassist, there are ten *Brownfields* sites located within a 1-mile radius and six within a 0.5-mile screening radius of the Subject Property. The closed *EPA and Town of Pembroke Cooperative Agreement #BF96460706, Grant ID #69598880*, was open from 10/01/2006 to 09/30/2009 for **All About Hair, Chavis Park, Chavis Property, Dial Terrace, Locklear Court, Lumbee Drive End Lift Station, Maynor Manor, Michael's Property, Sheff's Seafood & Company Store, and Strickland Heights**. **All About Hair** has petroleum contamination and unknown whether Institutional Controls are required. **Chavis Park** is zoned residential with twenty Housing Authority multifamily dwellings on the property, has petroleum contamination, and a 2009 Phase I ESA. **Chavis Property** has petroleum contamination, a 2008 Phase I ESA, and unknown whether Institutional Controls are required. The property is currently vacant and over the past 12 years a used car lot was located on Parcel 3502018. Prior to the use as a car lot, the property was used as a garage/general store for over 50 years. Prior to that, it was residential. A 250-gallon underground storage tank that contained regular grade gasoline was recently removed from the property by the owner. **Dial Terrace** has petroleum contamination, a 2009 Phase I ESA, and is currently developed with thirteen Housing Authority multiple family dwellings. **Locklear Court** has petroleum contamination, a 2009 Phase I ESA, and unknown whether Institutional Controls are required. Property consists of fourteen Pembroke Housing Authority multiple family dwellings located on the property along with the main office building. **Lumbee Drive End Lift Station** has petroleum contamination, a 2008 Phase I ESA, and unknown whether Institutional Controls are required. Property is currently being utilized as a lift station. **Maynor Manor** has petroleum contamination, a 2009 Phase I ESA, and currently thirteen Housing Authority multiple family dwellings are located on the property along with one main office building. **Michael's Property** has petroleum contamination, a 2009 Phase I ESA, and unknown whether Institutional Controls are required. Property consists of a small restaurant and a burned building. Prior to use as a restaurant, the property was farmland and a produce market. **Sheff's Seafood & Company Store** has petroleum contamination, a 2007 Phase I ESA, and was a former gas station/convenience store. **Strickland Heights** has petroleum contamination, a 2009 Phase I ESA, and unknown whether Institutional Controls are required. Property is developed with twenty-nine Housing Authority multiple family dwellings, a community/main office building, and a maintenance complex. Based on the regulatory status, type of contamination, current land uses, distance from the Subject Property, and that a water supply is not required for the proposed project, these facilities do not pose a hazard that could affect the health and safety of occupants or conflict with the intended utilization of the Subject Property as a Town-owned park.

According to NEPAassist, there are five *RCRA* sites and one *TRI* site located within a one-mile screening radius. These include **Fleetwood Homes of NC** (Inactive), **UNC Pembroke, Walmart Supercenter #5489, Sally Beauty Supply #3481, and Walgreens #16119**. The **Fleetwood Homes of NC** (Inactive), bankrupt mobile home manufacturer, is permanently closed and last reported for RCRA and TRI in 2009 with no violations identified in the last 12 quarters. **UNC Pembroke** is a University and Very Small Quantity Generator (VSQG) of ignitable and corrosive waste. **Walmart Supercenter #5489, Sally Beauty Supply #3481, and Walgreens #16119** are retail stores and VSQGs. These facilities are all permitted under RCRA and have no violations identified. Therefore, these facilities do not pose a hazard that could affect the health and safety of occupants or conflict with the intended utilization of the Subject Property as a Town-owned park.

According to NEPAassist, there are seven *NPDES water discharger* facilities within a one-mile radius of the Subject Property. These include the **Pembroke Mini Storage, UNCP Campus Recreation/Baseball-Softball Outdoor Complex, Pembroke Student Housing Phase I, Transportation Investment for Revitalization, Tractor Supply, Champion Homes, and UNC Pembroke**. **Pembroke Mini Storage, Champion Homes and UNC Pembroke** are permitted with no records of violations or noncompliance. **UNCP Campus Recreation/Baseball-Softball Outdoor Complex** is inactive and terminated activity status in March 2026 with no reported violations or noncompliance. **Pembroke Student Housing Phase I** has permit issued for residential construction and has no records of violations or noncompliance. **Transportation Investment for Revitalization** is permitted highway and street construction with no reported violations or noncompliance records. **Tractor Supply** has terminated activity status in December 2025 with no reported violations or noncompliance. These facilities do not pose a hazard that could affect the health and safety of occupants or conflict with the intended utilization of the Subject Property due to their facility type, permitted regulatory status, lack of violations, distance from the Subject Property, and a water supply is not required for the proposed project.

Thus, no hazards are present in an EPA records review that would pose a hazard that could affect the health and safety of occupants or conflict with the intended utilization of the Subject Property.

NC DEQ DWM Records: The NC DEQ DWM Site Locator Tool and DWM comments identified no *Pre-Regulatory Landfills* within 3,000 feet of the Subject Property. There is one *Brownfields* site, one *Inactive Hazardous Waste Priority List Site*, five *Dry Cleaning* (Historic and Compliance) sites/ facilities, and eleven *UST Active Facilities* located within a one-mile radius of the Subject Property.

According to the NC DEQ DWM Site Locator Tool and comments in **Attachment 22**, one active eligible *NC Brownfields* site, **Pembroke Oil Bulk Plant** (24024-20-078), is located within one mile of the Subject Property. There is soil, water and soil gas/ vapor contamination on this property due mainly to past use for bulk petroleum distribution facility and pesticide storage. On June 14, 2023, Terracon completed a walking Brownfields Receptor Survey within a 500-foot radius of the site. Additionally, Terracon reviewed water supply well permits and locations and residences within 1,000 feet of the site using Robeson County GIS. The Brownfields Receptor Survey and map can be found in Appendix B, in 24024 Pembroke Oil BF Assessment Report_2023.12.15 (**Attachment 7**). Terracon recommended that groundwater not be used at the site for any purpose, an Environmental Management Plan (EMP) be developed to manage soil excavation/ grading, groundwater handling and soil gas interaction during any site redevelopment work. Based on the type of contamination, distance from the Subject Property, and that a water supply is not required for the proposed project, this site does not pose a hazard that could affect the health and safety of occupants or conflict with the intended utilization of the Subject Property as a Town-owned park.

According to the NC DEQ DWM Site Locator Tool and comments, one *Inactive Hazardous Waste Priority List Site*, **Pembroke Farm Home & Garden** (NONCD0002988), is located at 302 W. 3rd Street within one mile of the Subject Property (**Attachments 7 and 22**). Releases of ammonia, benzene and nitrate have occurred at the property. A groundwater analysis was completed on 2016 at the **Pembroke Farm Home & Garden** and found significant ammonia and nitrate contamination associated with the onsite aqueous fertilizer aboveground storage tanks (ASTs). Benzene and nitrate exceeded the 2L Groundwater Standard and ammonia exceeded the Interim Maximum Allowable Concentration at that time (**Attachment 7**). The proposed project is for development of a Town-owned park with walking trails and playground. There are no proposed water supply wells or water usage for public drinking consumption. Based on the type of contamination, distance from the Subject Property, and that a water supply is not required for the proposed project, this site does not pose a hazard that could affect the health and safety of occupants or conflict with the intended utilization of the Subject Property as a Town-owned park.

There are five **Dry Cleaning** (Historic and Compliance) sites located within a one-mile radius of the Subject Property. Two of these Dry Cleaner facilities, **Pembroke Dry Cleaners** and **Margaret's Cleaners**, are identified adjacent to the **Pembroke Farm Home & Garden** site. **Margaret's Cleaners**, located at 404 W. Third St., was opened in 1950 and is permanently closed. **Pembroke Dry Cleaners**, 402/404 W. Third St. (same parcel), was last inspected and listed under *Dry Cleaning Historical Boiler Inspections* on December 9, 2004 and is listed under the *2004 City Directory*. A groundwater analysis was completed in 2016 at the **Pembroke Farm Home & Garden** (302 W. Third St.) and found no volatile organic compounds (VOCs) detected that exceeded a standard (**Attachment 7**). **Quality Cleaners**, 308 Pine St., was last inspected on August 11, 1987 and listed under *Dry Cleaning Historical Boiler Inspections*. **Jones Cleaners**, Main St. & 4th St., was last inspected on April 9, 1978 and listed under *Dry Cleaning Historical Boiler Inspections*. Another **Jones Cleaners**, on W. Third St. approximately 0.63-mile west of the Subject Property, was last inspected on February 4, 1986 and listed under *Dry Cleaning Historical Boiler Inspections*. The proposed project is for development of a Town-owned park with walking trails and playground. There are no proposed water supply wells or water usage for public drinking consumption. Based on the type of contamination, distance from the Subject Property, and that a water supply is not required for the proposed project, these Dry Cleaning sites do not pose a hazard that could affect the health and safety of occupants or conflict with the intended utilization of the Subject Property as a Town-owned park.

According to NC DEQ DWM, there are seven **UST Incidents**, sites located within 0.5 mile of the Subject Property. The UST Section, Fayetteville Regional Office, does not have records of a petroleum release for the parcels identified for this project, nor are there any records of registered USTs (**Attachment 22**). The closest known petroleum release occurred at the **Glenn's Quick Stop**, UST Incident #18221, 101 East Railroad Street, which received a No Further Action (NFA) letter on April 30, 2021 stating, "there is an indication of some residual contaminated groundwater and soil but not above the applicable standards which would warrant any additional remedial activities" (**Attachments 7 and 22**). **Bell South Facility 2C128**, UST Incident #16785, E. 2nd St., received confirmation of closure with NFA required letter on February 7, 1997. **Calvary Way Baptist Church**, UST Incident #42258, 210 N. Main Street, has risk unknown. **Roadrunner Service Station**, UST Incident #42015, 202 W. Third Street, received a NFA letter and confirmation it meets soil and groundwater 2L standards on August 2, 2016. **Locklear's Grocery/Country Store**, UST Incident #7223, received a NFA letter on December 12, 2018. **Lowry's Country Store**, UST Incident #10922, received NFA on September 16, 1993. **The Pantry 3134 (Circle K)**, UST Incident #29073, 501 W. Third Street, has an Intermediate Risk Classification, and Acknowledgement of Report Receipt letter on April 24, 2026. Based on the regulatory status, type of contamination, distance from the Subject Property, and that a water supply is not required for the proposed project, these facilities do not pose a hazard that could affect the health and safety of occupants or conflict with the intended utilization of the Subject Property as a Town-owned park.

According to NC DEQ DWM, there are two **Land Use Restrictions and/or Notices** sites located within 0.5 mile of the Subject Property. **College Sun-Do**, 701 West 3rd Street (**College Exxon**, UST Incident #5395) has a Low Risk Classification and NFA Letter dated May 10, 2010. The **College Exxon** (FA-128), Hwy 711, has a recorded *Underground Storage Tank Section* Land Use Notice and Restriction for petroleum contaminated groundwater onsite that exceeds the standards in 15A NCAC 2L.0202 but the area is served with county water. Soil contamination at the site is below the MSCC in 15A NCAC 2L.0411. **Central Tire** (FA-668), UST Incident #11951, 711 Union Chapel Road, has a recorded *Underground Storage Tank Section* Land Use Notice and Restriction and there are no records available. Based on the regulatory status, type of contamination, distance from the Subject Property, and that a water supply is not required for the proposed project, these facilities do not pose a hazard that could affect the health and safety of occupants or conflict with the intended utilization of the Subject Property as a Town-owned park.

There are six **UST Active Facilities** located within 0.5 mile of the Subject Property including the **Circle K 2721649 (The Pantry)**, 501 W. Third Street, the **Pembroke Spirit (Amoco)**, 103 W. Third Street, the **Pembroke Sojo**, 110 E. Third Street, **Mci Communications (Pnbnrc)**, Main Street & Railroad Tracks, and **John's Service Center**, 530 Union Chapel Road, UST Incident #11951. Based on the type of facilities, regulatory status, distance from the Subject Property, and that a water supply is not required for the proposed project, these facilities do not pose a hazard that could affect the health and safety of occupants or conflict with the intended utilization of the Subject Property as a Town-owned park.

The Subject Property does not have any visual evidence of historical structures including the *Railroad Depot* which burned down in 1988 or the 1964 structure. There is no evidence of hazards on the site that could pose a hazard to workers during construction. In the event that unexpected, contaminated or potentially hazardous materials, soils or debris are encountered during construction, then work in the area shall cease immediately, and the work area shall be secured. The appropriate NC DEQ Regional Office will be contacted and the contamination assessed with an environmental consultant. Appropriate measures will be taken to address the hazard(s) (i.e., contaminated soils, hazardous debris, USTs, lead-based paint, etc.), and, if removed, will be properly disposed of in the appropriate NC DEQ DWM approved facility in accordance with federal, state and local laws and regulations (e.g., RCRA Subtitles C and D, NESHAP 40 CFR 61.150, and NC Solid Laws NCGS 130A, and NC Hazardous Waste Rules 15A NCAC 13A). If any USTs are discovered, then NC DEQ DWM's UST Section Fayetteville Regional Office will be notified. If any abandoned wells are discovered, then NC DEQ will be notified and abandoned in accordance with Title 15A. Subchapter 2C.0100. "Any open burning associated with the subject proposal must be in compliance with 15A NCAC 2D.1900" (**Attachment 22**).

Summary: Based on a site visit and review of available environmental and historical 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 for a Town-owned park and playground with street parking. Therefore, a Phase I Environmental Site Assessment (ESA) or Phase II Investigation is not warranted. The proposed project is in compliance with contamination and toxic substances section requirements.

Attachment 7: NEPAAssist EPA Facilities with 1-mile, 3,000-foot, and 0.5-mile Buffers, NC DEQ DWM Site Locator Reports with 1-mile, 3,000-foot, and 0.5-mile, Buffers, Facility Reports, Site Inspection Documentation, and Historical Review. NC State Environmental Clearinghouse comments are in **Attachment 22**.

Data Sources: NCORR has reviewed the following sources to make the above determinations: NEPAAssist's Hazardous Waste (RCRAInfo), Air Pollution (ICIS-AIR), Water Dischargers National Pollutant Discharge Elimination System (NPDES) permit program, and Brownfields Assessment, Cleanup and Redevelopment Exchange System (ACRES), EPA's Permit Compliance System (PCS) and Integrated Compliance Information System (ICIS) databases, EPA's Toxic Release Inventory Database (TRI), Superfund Enterprise Management System (SEMS) and National Priorities List (NPL), and EPA's Toxic Substances Control Act (TSCA). Information on radon can be found at HUD Exchange (<https://www.hudexchange.info/programs/radon/>), the EPA website, at (<https://www.epa.gov/radon/epa-map-radon-zones-and-supplemental-information#region4>), ANSI/AARST website, at (<https://standards.aarst.org/>), and Temple University's, Beasley School of Law, Center for Public Health Law Research on state radon laws, at <https://lawatlas.org/datasets/state-radon-laws>.

NCORR reviewed the NC DEQ Division of Waste Management (DWM) Site Locator Tool to assess whether the Subject Property is registered as a State Superfund site. The NC DEQ DWM Database includes records of sites that are part of the Land Clearing and Inert Debris (LICD) Notifications, Permitted Solid Waste Landfills, Other Permitted Solid Waste Facilities, Yard Waste Notification (YWN) Facilities, Coal Ash Structural Fills (Closed), Permitted Solid Waste Septage Facilities (SLAS or SDTF), Hazardous Waste Sites, Brownfields Program Sites, Federal Remediation Branch, Pre-Regulatory Landfill Sites, Inactive Hazardous Sites, Dry Cleaning Compliance, Dry Cleaning Remediation Program, Dry Cleaning Historical Boiler Inspections, Dry Cleaning City Directories, UST Incidents, Non-UST Incidents, UST Active Facilities, Petroleum Contaminated Soil Remediation Permits, and Land Use Restriction and/or Notices. NCORR requested and, if available, reviewed NC DEQ DWM records, retained by the UST Section Regional Office through the NC State Environmental Clearinghouse, to determine if the Subject Property has an underground storage tank (UST) (besides a residential fuel tank) or any other storage tank. Additionally, NCORR requested and, if available, reviewed NC DEQ DWM records, retained by the UST Section Regional Office through their staff, the NC State Environmental Clearinghouse, and/or the NC DEQ DWM Site Locator Tool to determine if the Subject Property potentially contains hazardous materials, contamination, toxic chemicals and gases, and radioactive substances.

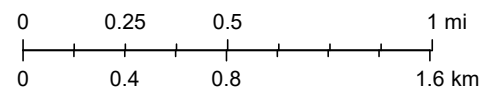
Pembroke Park - EPA Facilities with 1-mile Buffer



July 16, 2026

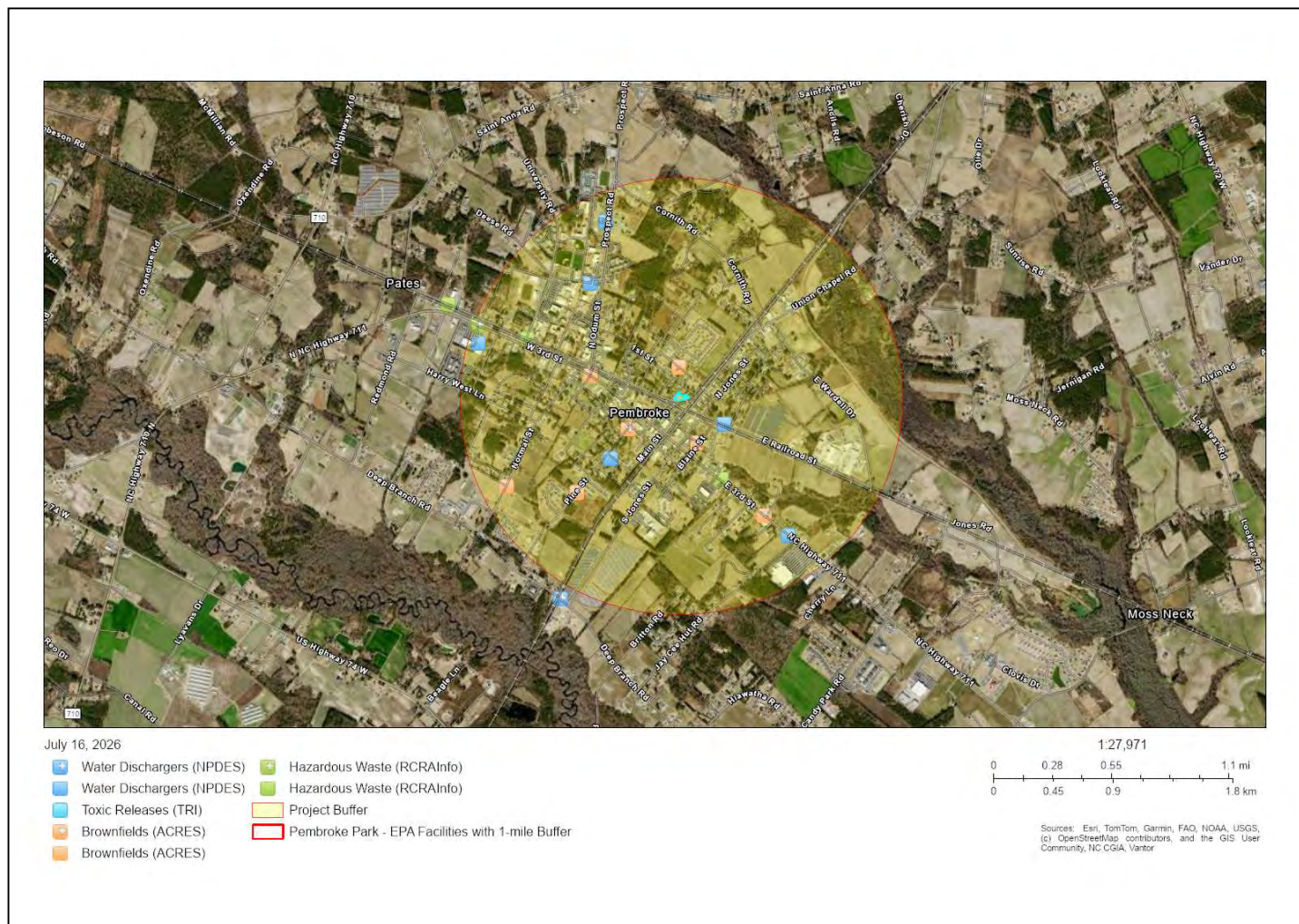
1:36,112

- | | | | |
|--|---------------------------|--|----------------------------|
| | Brownfields (ACRES) | | Hazardous Waste (RCRAInfo) |
| | Brownfields (ACRES) | | Hazardous Waste (RCRAInfo) |
| | Water Dischargers (NPDES) | | Project Buffer |
| | Water Dischargers (NPDES) | | Pembroke Park |
| | Toxic Releases (TRI) | | |



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, NC CGIA, Vantor

Pembroke Park - EPA Facilities with 1-mile Buffer



Geographic coordinates:

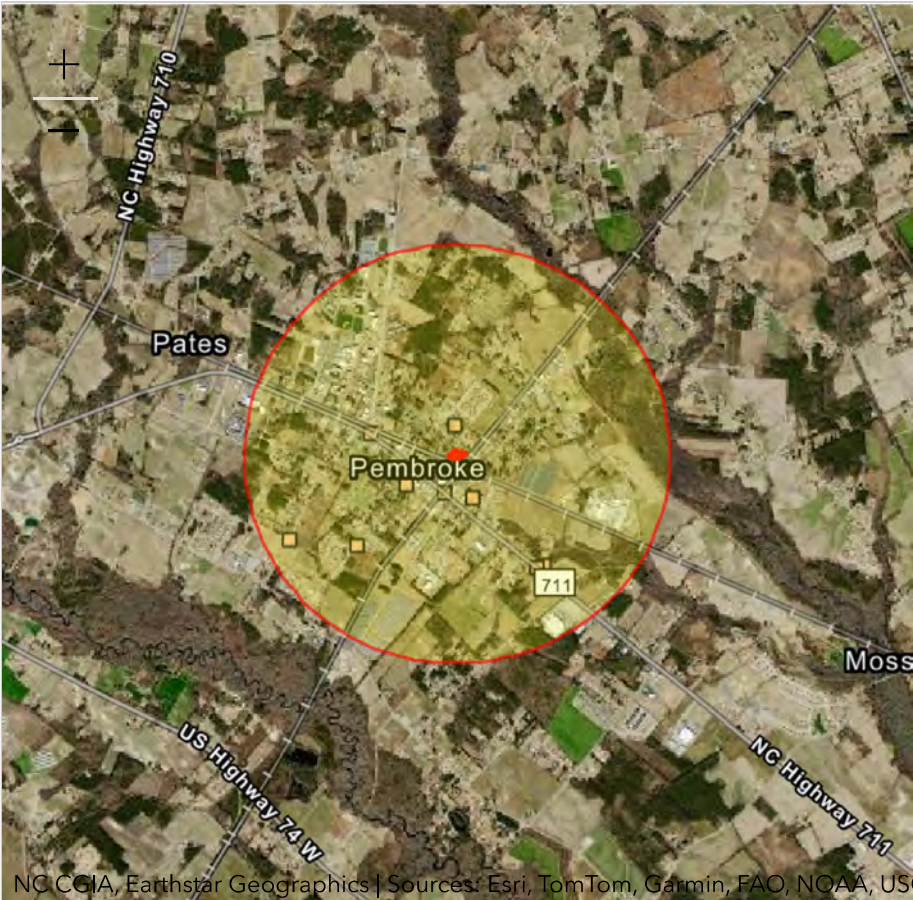
POLYGON

(34.682475,-79.192403,34.682194,-79.191969,34.682340,-79.191824,34.682150,-79.191547,34.682042,-79.191784,34.681977,-79.192087,34.681961,-79.192304,34.681956,-79.192528,34.681994,-79.192831,34.682475,-79.192403)
with buffer 1 mile

Note: The information in the following reports is based on publicly available databases and web services. The National Report uses nationally available datasets and the State Reports use datasets available through the EPA Regions.

Project Area	0.00 sq mi
Within 1 mile of an Ozone 1-hr (1979 standard) Non-Attainment/Maintenance Area?	no
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 an Ozone 8-hr (2015 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 CO Annual (1971 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a NO2 Annual (1971 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?	no
Within 1 mile of a waterbody?	no
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?	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?	yes
Within 1 mile of a Chemical Data Reporting (CDR) 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)?	no
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



NC CCIA, Earthstar Geographics | Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c... Powered by Esri (<http://www.esri.com/>)

Report question: Within 1 mile of a Brownfields site? 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: 10

Name	Distance
☐ LUMBEE DRIVE END LIFT STATION (PEMBROKE,NC) (https://ofmpub.epa.gov/apex/cimc/f?p=CIMC:31::::Y,31,0:P31_ID:62121)	0.66 mile
p=CIMC:31::::Y,31,0:P31_ID:62121 registry_id: 110038717083 latitude: 34.6743 longitude: -79.1848 pgm_sys_acrnm: ACRES pgm_sys_id: 62121 primary_name: LUMBEE DRIVE END LIFT STATION location_address: UNKNOWN city_name: PEMBROKE county_name: ROBESON state_code: NC epa_region: Region 04 postal_code: 28372 fips_code: huc_code: facility_url: https://ofmpub.epa.gov/apex/cimc/f?p=CIMC:31::::Y,31,0:P31_ID:62121	

Name	Distance
☐ SHEFF S SEAFOOD COMPANY STORE (PEMBROKE,NC) (https://ofmpub.epa.gov/apex/cimc/f?p=CIMC:31::::Y,31,0:P31_ID:67441) p=CIMC:31::::Y,31,0:P31_ID:67441 registry_id: 110038718340 latitude: 34.67943 longitude: -79.1933 pgm_sys_acrnm: ACRES pgm_sys_id: 67441 primary_name: SHEFF S SEAFOOD COMPANY STORE location_address: 100 E 3RD ST city_name: PEMBROKE county_name: ROBESON state_code: NC epa_region: Region 04 postal_code: 28372 fips_code: huc_code: facility_url: https://ofmpub.epa.gov/apex/cimc/f?p=CIMC:31::::Y,31,0:P31_ID:67441	0.18 mile
☐ CHAVIS PROPERTY (PEMBROKE,NC) (https://ofmpub.epa.gov/apex/cimc/f?p=CIMC:31::::Y,31,0:P31_ID:90801) registry_id: 110039059372 latitude: 34.68112 longitude: -79.19582 pgm_sys_acrnm: ACRES pgm_sys_id: 90801 primary_name: CHAVIS PROPERTY location_address: 301 WEST THIRD STREET city_name: PEMBROKE county_name: ROBESON state_code: NC epa_region: Region 04 postal_code: 28372 fips_code: huc_code: facility_url: https://ofmpub.epa.gov/apex/cimc/f?p=CIMC:31::::Y,31,0:P31_ID:90801	0.18 mile
☐ ALL ABOUT HAIR (PEMBROKE,NC) (https://ofmpub.epa.gov/apex/cimc/f?p=CIMC:31::::Y,31,0:P31_ID:108385) registry_id: 110071967588 latitude: 34.67414 longitude: -79.18538 pgm_sys_acrnm: ACRES pgm_sys_id: 108385 primary_name: ALL ABOUT HAIR location_address: 713 E THIRD ST city_name: PEMBROKE county_name: ROBESON state_code: NC epa_region: Region 04 postal_code: 28372 fips_code: huc_code: facility_url: https://ofmpub.epa.gov/apex/cimc/f?p=CIMC:31::::Y,31,0:P31_ID:108385	0.65 mile
☐ LOCKLEAR COURT (PEMBROKE,NC) (https://ofmpub.epa.gov/apex/cimc/f?p=CIMC:31::::Y,31,0:P31_ID:109083) registry_id: 110071967603 latitude: 34.6757 longitude: -79.20079 pgm_sys_acrnm: ACRES pgm_sys_id: 109083 primary_name: LOCKLEAR COURT location_address: 916 PINE STREET city_name: PEMBROKE county_name: ROBESON state_code: NC epa_region: Region 04 postal_code: 28372 fips_code: huc_code: facility_url: https://ofmpub.epa.gov/apex/cimc/f?p=CIMC:31::::Y,31,0:P31_ID:109083	0.63 mile

Name	Distance
☐ DIAL TERRACE (PEMBROKE,NC) (https://ofmpub.epa.gov/apex/cimc/f?p=CIMC:31:::Y,31,0:P31_ID:109084) registry_id: 110071967612 latitude: 34.67999 longitude: -79.19657 pgm_sys_acrnm: ACRES pgm_sys_id: 109084 primary_name: DIAL TERRACE location_address: 401 PINE STREET city_name: PEMBROKE county_name: ROBESON state_code: NC epa_region: Region 04 postal_code: 28372 fips_code: huc_code: facility_url: https://ofmpub.epa.gov/apex/cimc/f?p=CIMC:31:::Y,31,0:P31_ID:109084	0.25 mile
☐ CHAVIS PARK (PEMBROKE,NC) (https://ofmpub.epa.gov/apex/cimc/f?p=CIMC:31:::Y,31,0:P31_ID:109085) registry_id: 110071967613 latitude: 34.67612 longitude: -79.20657 pgm_sys_acrnm: ACRES pgm_sys_id: 109085 primary_name: CHAVIS PARK location_address: 706 NORMAL STREET city_name: PEMBROKE county_name: ROBESON state_code: NC epa_region: Region 04 postal_code: 28372 fips_code: huc_code: facility_url: https://ofmpub.epa.gov/apex/cimc/f?p=CIMC:31:::Y,31,0:P31_ID:109085	0.88 mile
☐ MAYNOR MANOR (PEMBROKE,NC) (https://ofmpub.epa.gov/apex/cimc/f?p=CIMC:31:::Y,31,0:P31_ID:109086) registry_id: 110071967614 latitude: 34.67907 longitude: -79.19088 pgm_sys_acrnm: ACRES pgm_sys_id: 109086 primary_name: MAYNOR MANOR location_address: 207 EAST SECOND STREET city_name: PEMBROKE county_name: ROBESON state_code: NC epa_region: Region 04 postal_code: 28372 fips_code: huc_code: facility_url: https://ofmpub.epa.gov/apex/cimc/f?p=CIMC:31:::Y,31,0:P31_ID:109086	0.21 mile
☐ STRICKLAND HEIGHTS (PEMBROKE,NC) (https://ofmpub.epa.gov/apex/cimc/f?p=CIMC:31:::Y,31,0:P31_ID:109087) registry_id: 110071967615 latitude: 34.68418 longitude: -79.19241 pgm_sys_acrnm: ACRES pgm_sys_id: 109087 primary_name: STRICKLAND HEIGHTS location_address: 304 GODWIN STREET city_name: PEMBROKE county_name: ROBESON state_code: NC epa_region: Region 04 postal_code: 28372 fips_code: huc_code: facility_url: https://ofmpub.epa.gov/apex/cimc/f?p=CIMC:31:::Y,31,0:P31_ID:109087	0.12 mile

Name**Distance**

☐ MICHAEL S PROPERTY (PEMBROKE,NC) (https://ofmpub.epa.gov/apex/cimc/f?p=CIMC:31::::Y,31,0:P31_ID:109089)

0.40 mile

p=CIMC:31::::Y,31,0:P31_ID:109089)

registry_id: 110071967616

latitude: 34.68362

longitude: -79.19965

pgm_sys_acrnm: ACRES

pgm_sys_id: 109089

primary_name: MICHAEL S PROPERTY

location_address: 601 WEST THIRD STREET

city_name: PEMBROKE

county_name: ROBESON

state_code: NC

epa_region: Region 04

postal_code: 28372

fips_code:

huc_code:

facility_url: https://ofmpub.epa.gov/apex/cimc/f?p=CIMC:31::::Y,31,0:P31_ID:109089

Cooperative Agreement Contact

Primary Contact Name **Brian Gross**
Primary Contact Email **Gross.Brian@epa.gov**
Primary Contact Phone **(404) 56-2860**

[↑ Top of Page](#)

Properties Addressed By This Cooperative Agreement

Q ▾		Go
Property Name	Address	Property Page Link
All About Hair	713 E. Third St. Pembroke, NC 28372	Open
Chavis Park	706 Normal Street Pembroke, NC 28372	Open
Chavis Property	301 West Third Street Pembroke, NC 28372	Open
Dial Terrace	401 Pine Street Pembroke, NC 28372	Open
Locklear Court	916 Pine Street Pembroke, NC 28372	Open
Lumbee Drive End Lift Station	unknown Pembroke, NC 28372	Open
Maynor Manor	207 East Second Street Pembroke, NC 28372	Open
Michael's Property	601 West Third Street Pembroke, NC 28372	Open
Sheff's Seafood & Company Store	100 E. 3rd St. Pembroke, NC 28372	Open
Strickland Heights	304 Godwin Street Pembroke, NC 28372	Open

[↑ Top of Page](#)

Assessment Activities

Property Name	EPA Funding	Completion Date	Activity	Leveraged Funding
All About Hair	\$0.00		Phase I Environmental Assessment	\$0.00
Chavis Park	\$5,000.00	07/17/2009	Phase I Environmental Assessment	\$0.00
Chavis Property	\$3,135.00	09/19/2008	Phase I Environmental Assessment	\$0.00
Dial Terrace	\$5,000.00	07/17/2009	Phase I Environmental Assessment	\$0.00

Property Name	EPA Funding	Completion Date	Activity	Leveraged Funding
Locklear Court	\$5,000.00	07/17/2009	Phase I Environmental Assessment	\$0.00
Lumbree Drive End Lift Station	\$3,135.00	01/04/2008	Phase I Environmental Assessment	\$0.00
Maynor Manor	\$5,000.00	07/17/2009	Phase I Environmental Assessment	\$0.00
Michael's Property	\$5,000.00	07/17/2009	Phase I Environmental Assessment	\$0.00
Sheff's Seafood & Company Store	\$4,000.00	11/30/2007	Phase I Environmental Assessment	\$0.00
Strickland Heights	\$5,000.00	07/17/2009	Phase I Environmental Assessment	\$0.00

EPA Assessment Funding: \$40,270.00

Leveraged Funding: \$0.00

Total Funding: \$40,270.00

NOTE: Funding marked for deletion not included in totals

[↑ Top of Page](#)

Cleanup Activities

There are no Cleanup Activities for this Cooperative Agreement.

Cleanup Jobs Leveraged:

Costshare Funding:

Leveraged Funding:

Total Funding: \$0.00

NOTE: Funding marked for deletion not included in totals

[↑ Top of Page](#)

Institutional & Engineering Controls

Property Name	Are ICs Required?	IC In Place	Are ECs Required?	EC In Place
All About Hair				
Chavis Park		No		No
Chavis Property				
Dial Terrace		No	No	No

Property Name	Are ICs Required?	IC In Place	Are ECs Required?	EC In Place
Locklear Court		No		No
Lumbee Drive End Lift Station				
Maynor Manor		No		No
Michael's Property		No		No
Sheff's Seafood & Company Store				
Strickland Heights		No		No

[↑ Top of Page](#)

Redevelopment and Other Leveraged Accomplishments

There are no Redevelopments for this Cooperative Agreement.

Redevelopment Jobs Leveraged:

Leveraged Funding:

NOTE: Funding marked for deletion not included in totals

[↑ Top of Page](#)

Contact Us <https://www.epa.gov/cleanups/forms/contact-us> to ask a question, provide feedback, or report a problem.



Discover.

Accessibility

<https://www.epa.gov/accessibility>

Budget & Performance

<https://www.epa.gov/planandbudget>

Contracting

<https://www.epa.gov/contracting>

EPA www Web Snapshots

<https://www.epa.gov/home/wwepagov-snapshots>

Grants

<https://www.epa.gov/grants>

Connect.

Data.gov [🔗](#)

<https://www.data.gov/>

Inspector General

<https://www.epa.gov/office-inspector-general/about-epas-office-inspector-general>

Jobs

<https://www.epa.gov/careers>

Newsroom

<https://www.epa.gov/newsroom>

Open Government

<https://www.epa.gov/data>

Regulations.gov [🔗](#)

<https://www.regulations.gov/>

Ask.

Contact EPA

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Brownfields Assessment Grant Profile

Pembroke, Town of
Grant ID: 69598880.
Cooperative Agreement #: BF96460706

This profile provides a summary of basic grant information and the accomplishments reported to the US EPA by a Brownfields grant recipient.

Legal Notices <[>](https://www.epa.gov/cleanups/cimc-legal-notice)

**More Details on Grant
Awarded**

Brownfields Grant Fact Sheet

On this page:

- Profile Information
- Cooperative Agreement Contact
- Properties Addressed By This Cooperative Agreement
- Assessment Activities
- Cleanup Activities
- Institutional & Engineering Controls
- Redevelopment and Other Leveraged Accomplishments

Profile Information

Recipient Name	Pembroke, Town of
Cooperative Agreement #	BF96460706
State	NC
Cooperative Agreement Type	Assessment
Announcement Year	FY06
Award Date	09/12/2006
Initial Project Period	10/01/2006 to 09/30/2009
Current POP End Date	
Status	Closed
Funding Source	Regionally Funded
Total Funded	\$200,000.00
Funding Type	Petroleum

Cooperative Agreement Contact

Primary Contact Name **Brian Gross**
Primary Contact Email **Gross.Brian@epa.gov**
Primary Contact Phone **(404) 56-2860**

[↑ Top of Page](#)

Properties Addressed By This Cooperative Agreement

Q

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Property Name	Address	Property Page Link
All About Hair	713 E. Third St. Pembroke, NC 28372	Open
Chavis Park	706 Normal Street Pembroke, NC 28372	Open
Chavis Property	301 West Third Street Pembroke, NC 28372	Open
Dial Terrace	401 Pine Street Pembroke, NC 28372	Open
Locklear Court	916 Pine Street Pembroke, NC 28372	Open
Lumbee Drive End Lift Station	unknown Pembroke, NC 28372	Open
Maynor Manor	207 East Second Street Pembroke, NC 28372	Open
Michael's Property	601 West Third Street Pembroke, NC 28372	Open
Sheff's Seafood & Company Store	100 E. 3rd St. Pembroke, NC 28372	Open
Strickland Heights	304 Godwin Street Pembroke, NC 28372	Open

[↑ Top of Page](#)

Assessment Activities

Property Name	EPA Funding	Completion Date	Activity	Leveraged Funding
All About Hair	\$0.00		Phase I Environmental Assessment	\$0.00
Chavis Park	\$5,000.00	07/17/2009	Phase I Environmental Assessment	\$0.00
Chavis Property	\$3,135.00	09/19/2008	Phase I Environmental Assessment	\$0.00
Dial Terrace	\$5,000.00	07/17/2009	Phase I Environmental Assessment	\$0.00
Locklear Court	\$5,000.00	07/17/2009	Phase I Environmental Assessment	\$0.00

Property Name	EPA Funding	Completion Date	Activity	Leveraged Funding
Lumbee Drive End Lift Station	\$3,135.00	01/04/2008	Phase I Environmental Assessment	\$0.00
Maynor Manor	\$5,000.00	07/17/2009	Phase I Environmental Assessment	\$0.00
Michael's Property	\$5,000.00	07/17/2009	Phase I Environmental Assessment	\$0.00
Sheff's Seafood & Company Store	\$4,000.00	11/30/2007	Phase I Environmental Assessment	\$0.00
Strickland Heights	\$5,000.00	07/17/2009	Phase I Environmental Assessment	\$0.00

EPA Assessment Funding: \$40,270.00
Leveraged Funding: \$0.00
Total Funding: \$40,270.00
NOTE: Funding marked for deletion not included in totals

[↑ Top of Page](#)

Cleanup Activities

There are no Cleanup Activities for this Cooperative Agreement.

Cleanup Jobs Leveraged:
Costshare Funding:
Leveraged Funding:
Total Funding: \$0.00

NOTE: Funding marked for deletion not included in totals

[↑ Top of Page](#)

Institutional & Engineering Controls

Property Name	Are ICs Required?	IC In Place	Are ECs Required?	EC In Place
All About Hair				
Chavis Park		No		No
Chavis Property				
Dial Terrace		No	No	No
Locklear Court		No		No
Lumbee Drive End Lift Station				

Property Name	Are ICs Required?	IC In Place	Are ECs Required?	EC In Place
Maynor Manor		No		No
Michael's Property		No		No
Sheff's Seafood & Company Store				
Strickland Heights		No		No

[↑ Top of Page](#)

Redevelopment and Other Leveraged Accomplishments

There are no Redevelopments for this Cooperative Agreement.

Redevelopment Jobs Leveraged:

Leveraged Funding:

NOTE: Funding marked for deletion not included in totals

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Property Details for All About Hair

On this page:

- Profile Information
- Property Location
- Property Progress
- CAs Associated with this Property
- Assessment Activities at this Property
- Climate Adaption and Mitigation - Planning or Assessment
- Contaminants and Media
- Cleanup Activities
- Climate Adaption and Mitigation - Demolition or Cleanup
- Institutional & Engineering Controls
- Redevelopment and Other Leveraged Accomplishments
- Climate Adaption and Mitigation - Redevelopment
- Additional Property Attributes

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Profile Information

Property Alias	
Property Owner	
ACRES Property ID	108385
Property Address	713 E. Third St. Pembroke, NC 28372
Size	1.6
Parcel Numbers	350901029
Latitude/Longitude	34.674852 / -79.18495
Congressional District	8
Property Contact	Champagne, David
	Champagne.David@epa.gov
	404-562-9028

Property Location

[↑ Top of Page](#)

Property Progress

Assessment	✕
Clean Up	✕
Institutional Controls in Place	✕
Engineering Controls in Place	✕
Ready for Anticipated Use	✕
Redevelopment Underway	✕

[↑ Top of Page](#)

CAs Associated with this Property

CA Name	CA #	State	Type	Announcement Year
Pembroke, Town of	BF96460706	NC	Assessment	2006

[↑ Top of Page](#)

Assessment Activities at this Property

Activity	EPA Funding	Start Date	Completion Date	CA	Accomplishment Counted?	Counted When?
Phase I Environmental Assessment		03/01/2007		Pembroke, Town of	N	

Is Cleanup Necessary? **Unknown**
EPA Assessment Funding:
Leveraged Funding:
Total Funding: **\$0.00**

Climate Adaption and Mitigation - Planning or Assessment

There is no data for Climate Adaption and Mitigation - Planning or Assessment.

Contaminants and Media

Contaminant Found
Media Affected

Remediating Action for Contaminants
Remediating Action for Media

Cleanup Activities

There are no current cleanup activities.

Cleanup/Treatment Implemented:
Cleanup/Treatment Categories:
Addl Cleanup/Treatment info:
Address of Data Source:

Climate Adaption and Mitigation - Demolition or Cleanup

There is no data for Climate Adaption and Mitigation - Demolition or Cleanup.

Institutional and Engineering Controls

Indicate whether
Institutional Controls
are required

U

Categories of Controls

Additional
Institutional Controls
Information

Address of Data Source
(URL if available)

Are Institutional
Controls in Place

Date Institutional
Controls were put in
place

Indicate whether
Engineering Controls
are required

Categories of Controls

Additional Engineering
controls information

Address of Data Source
(URL if available)

Indicate whether
Engineering Controls
are in place

Date Engineering
Controls were put in
place

[↑ Top of Page](#)

Redevelopment and Other Leveraged Accomplishments

There are no current redevelopment activities.

Number of Redevelopment Jobs Leveraged:

Actual Acreage of Greenspace Created:

Leveraged Funding:

[↑ Top of Page](#)

Climate Adaption and Mitigation - Redevelopment

There is no data for Climate Adaption and Mitigation - Redevelopment

[↑ Top of Page](#)

Additional Property Attributes

Property Highlights

Predominant Past
Usage

What types of funding **Petroleum** are being used on this property?

State and Tribal
Program Information

Date No Further Action
Letter Received

Date Letter/Signed
Report Received from
a Qualified
Professional

Other Cleanup
Documentation

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Property Details for Chavis Park

On this page:

- [Profile Information](#)
- [Property Location](#)
- [Property Progress](#)
- [CAs Associated with this Property](#)
- [Assessment Activities at this Property](#)
- [Climate Adaption and Mitigation - Planning or Assessment](#)
- [Contaminants and Media](#)
- [Cleanup Activities](#)
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- [Additional Property Attributes](#)

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Profile Information

Property Alias	
Property Owner	Government
ACRES Property ID	109085
Property Address	706 Normal Street Pembroke, NC 28372
Size	9.8
Parcel Numbers	AC EAST SR 1556 VALUE REF
Latitude/Longitude	34.6765494 / -79.2063292
Congressional District	8
Property Contact	Champagne, David Champagne.David@epa.gov 404-562-9028

Property Location

[↑ Top of Page](#)

Property Progress

Assessment	✕
Clean Up	✕
Institutional Controls in Place	✕
Engineering Controls in Place	✕
Ready for Anticipated Use	✕
Redevelopment Underway	✕

[↑ Top of Page](#)

CAs Associated with this Property

CA Name	CA #	State	Type	Announcement Year
Pembroke, Town of	BF96460706	NC	Assessment	2006

[↑ Top of Page](#)

Assessment Activities at this Property

Activity	EPA Funding	Start Date	Completion Date	CA	Accomplishment Counted?	Counted When?
Phase I Environmental Assessment	\$5,000.00	06/04/2009	07/17/2009	Pembroke, Town of	Y	FY18

Is Cleanup Necessary? **Unknown**
EPA Assessment Funding: **\$5,000.00**
Leveraged Funding:
Total Funding: **\$5,000.00**

Climate Adaption and Mitigation - Planning or Assessment

There is no data for Climate Adaption and Mitigation - Planning or Assessment.

Contaminants and Media

Contaminant Found

Media Affected

Unknown

Remediating Action for Contaminants

Remediating Action for Media

NOT Cleaned up

Cleanup Activities

There are no current cleanup activities.

Cleanup/Treatment Implemented:

Cleanup/Treatment Categories:

Add Cleanup/Treatment info:

Address of Data Source:

Climate Adaption and Mitigation - Demolition or Cleanup

There is no data for Climate Adaption and Mitigation - Demolition or Cleanup.

Institutional and Engineering Controls

Indicate whether Institutional Controls are required **U**

Categories of Controls

Additional Institutional Controls Information

Address of Data Source (URL if available)

Are Institutional Controls in Place **No**

Date Institutional Controls were put in place

Indicate whether Engineering Controls are required **U**

Categories of Controls

Additional Engineering controls information

Address of Data Source (URL if available)

Indicate whether Engineering Controls are in place **No**

Date Engineering Controls were put in place

[↑ Top of Page](#)

Redevelopment and Other Leveraged Accomplishments

There are no current redevelopment activities.

Number of Redevelopment Jobs Leveraged:

Actual Acreage of Greenspace Created:

Leveraged Funding:

[↑ Top of Page](#)

Climate Adaption and Mitigation – Redevelopment

There is no data for Climate Adaption and Mitigation – Redevelopment

[↑ Top of Page](#)

Additional Property Attributes

Property Highlights

Predominant Past Usage

What types of funding are being used on this property?

State and Tribal Program Information

Date No Further Action Letter Received

Date Letter/Signed Report Received from a Qualified Professional

Former Use: Property consists of a Housing Authority Development. Zoning is residential and twenty multi-family dwellings are located on the property.
Residential (9.8)

Petroleum

Other Cleanup Documentation



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Property Details for Chavis Property

On this page:

- Profile Information
- Property Location
- Property Progress
- CAs Associated with this Property
- Assessment Activities at this Property
- Climate Adaption and Mitigation - Planning or Assessment
- Contaminants and Media
- Cleanup Activities
- Climate Adaption and Mitigation - Demolition or Cleanup
- Institutional & Engineering Controls
- Redevelopment and Other Leveraged Accomplishments
- Climate Adaption and Mitigation - Redevelopment
- Additional Property Attributes

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Profile Information

Property Alias	
Property Owner	Private
ACRES Property ID	90801
Property Address	301 West Third Street Pembroke, NC 28372
Size	.38
Parcel Numbers	350302018, 35030219
Latitude/Longitude	34.680947 / -79.195945
Congressional District	8
Property Contact	Champagne, David Champagne.David@epa.gov 404-562-9028

Property Location

[Top of Page](#)

Property Progress

Assessment	
Clean Up	
Institutional Controls in Place	
Engineering Controls in Place	
Ready for Anticipated Use	
Redevelopment Underway	

[Top of Page](#)

CAs Associated with this Property

CA Name	CA #	State	Type	Announcement Year
Pembroke, Town of	BF96460706	NC	Assessment	2006

[Top of Page](#)

Assessment Activities at this Property

Activity	EPA Funding	Start Date	Completion Date	CA	Accomplishment Counted?	Counted When?
Phase I Environmental Assessment	\$3,135.00	08/26/2008	09/19/2008	Pembroke, Town of	Y	FY09

Is Cleanup Necessary? **Unknown**
EPA Assessment Funding: **\$3,135.00**
Leveraged Funding:
Total Funding: **\$3,135.00**

Climate Adaption and Mitigation - Planning or Assessment

There is no data for Climate Adaption and Mitigation - Planning or Assessment.

Contaminants and Media

Contaminant Found

Unknown

Media Affected

Unknown

Remediating Action for Contaminants

NOT Cleaned up

Remediating Action for Media

NOT Cleaned up

Cleanup Activities

There are no current cleanup activities.

Cleanup/Treatment Implemented:

Cleanup/Treatment Categories:

Addl Cleanup/Treatment info:

Address of Data Source:

Climate Adaption and Mitigation - Demolition or Cleanup

There is no data for Climate Adaption and Mitigation - Demolition or Cleanup.

Institutional and Engineering Controls

Indicate whether Institutional Controls are required **U**

Categories of Controls

Additional Institutional Controls Information

Address of Data Source (URL if available)

Are Institutional Controls in Place

Date Institutional Controls were put in place

Indicate whether Engineering Controls are required

Categories of Controls

Additional Engineering controls information

Address of Data Source (URL if available)

Indicate whether Engineering Controls are in place

Date Engineering Controls were put in place

Top of Page

Redevelopment and Other Leveraged Accomplishments

There are no current redevelopment activities.

Number of Redevelopment Jobs Leveraged:

Actual Acreage of Greenspace Created:

Leveraged Funding:

Top of Page

Climate Adaption and Mitigation – Redevelopment

There is no data for Climate Adaption and Mitigation – Redevelopment

Top of Page

Additional Property Attributes

Property Highlights

Former Use: The property is currently vacant. Over the past 12 years, a used car lot was located on Parcel 3502018. Prior to the use as a car lot, the property was used as a garage/general store for over 50 years. Prior to that it was residential. A 250-gallon underground storage tank was recently removed from the property by the owner that contained regular grade gasoline.

Predominant Past Usage

Commercial (.38)

What types of funding are being used on this property?

Petroleum

State and Tribal Program Information

Date No Further Action Letter Received

Date Letter/Signed Report Received from a Qualified Professional

Other Cleanup Documentation



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Property Details for Dial Terrace

On this page:

- Profile Information
- Property Location
- Property Progress
- CAs Associated with this Property
- Assessment Activities at this Property
- Climate Adaption and Mitigation - Planning or Assessment
- Contaminants and Media
- Cleanup Activities
- Climate Adaption and Mitigation - Demolition or Cleanup
- Institutional & Engineering Controls
- Redevelopment and Other Leveraged Accomplishments
- Climate Adaption and Mitigation - Redevelopment
- Additional Property Attributes

Legal Notices <<https://www.epa.gov/cleanups/cimc-legal-notice>>

Profile Information

Property Alias	
Property Owner	Government
ACRES Property ID	109084
Property Address	401 Pine Street Pembroke, NC 28372
Size	8.8
Parcel Numbers	AC/S 4TH ST VALUE REFLE 350502025 and LT LAKE VIEW 350502501
Latitude/Longitude	34.679888 / -79.196416
Congressional District	8
Property Contact	Champagne, David Champagne.David@epa.gov 404-562-9028

Property Location

[Top of Page](#)

Property Progress

Assessment	✕
Clean Up	✕
Institutional Controls in Place	✕
Engineering Controls in Place	✕
Ready for Anticipated Use	✕
Redevelopment Underway	✕

[Top of Page](#)

CAs Associated with this Property

CA Name	CA #	State	Type	Announcement Year
Pembroke, Town of	BF96460706	NC	Assessment	2006

[Top of Page](#)

Assessment Activities at this Property

Activity	EPA Funding	Start Date	Completion Date	CA	Accomplishment Counted?	Counted When?
Phase I Environmental Assessment	\$5,000.00	06/04/2009	07/17/2009	Pembroke, Town of	Y	FY18

Is Cleanup Necessary? **Unknown**
EPA Assessment Funding: **\$5,000.00**
Leveraged Funding:
Total Funding: **\$5,000.00**

Climate Adaption and Mitigation - Planning or Assessment

There is no data for Climate Adaption and Mitigation - Planning or Assessment.

Contaminants and Media

Contaminant Found
Media Affected
Unknown

Remediating Action for Contaminants
Remediating Action for Media
NOT Cleaned up

Cleanup Activities

There are no current cleanup activities.

Cleanup/Treatment Implemented:
Cleanup/Treatment Categories:
Addl Cleanup/Treatment info:
Address of Data Source:

Climate Adaption and Mitigation - Demolition or Cleanup

There is no data for Climate Adaption and Mitigation - Demolition or Cleanup.

Institutional and Engineering Controls

Indicate whether
Institutional Controls
are required **U**

Categories of Controls

Additional
Institutional Controls
Information

Address of Data Source
(URL if available)

Are Institutional Controls in Place **No**

Date Institutional Controls were put in place

Indicate whether Engineering Controls are required **No**

Categories of Controls

Additional Engineering controls information

Address of Data Source
(URL if available)

Indicate whether Engineering Controls are in place **No**

Date Engineering Controls were put in place

[Top of Page](#)

Redevelopment and Other Leveraged Accomplishments

There are no current redevelopment activities.

Number of Redevelopment Jobs Leveraged:

Actual Acreage of Greenspace Created:

Leveraged Funding:

[Top of Page](#)

Climate Adaption and Mitigation – Redevelopment

There is no data for Climate Adaption and Mitigation – Redevelopment

[Top of Page](#)

Additional Property Attributes

Property Highlights

Former Use: Property currently developed with thirteen multiple family dwellings Housing Authority Development.

Predominant Past Usage

Residential (8.8)

What types of funding are being used on this property? **Petroleum**

State and Tribal
Program Information

Date No Further Action
Letter Received

Date Letter/Signed
Report Received from
a Qualified
Professional

Other Cleanup
Documentation



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Property Details for Locklear Court

On this page:

- [Profile Information](#)
- [Property Location](#)
- [Property Progress](#)
- [CAs Associated with this Property](#)
- [Assessment Activities at this Property](#)
- [Climate Adaption and Mitigation - Planning or Assessment](#)
- [Contaminants and Media](#)
- [Cleanup Activities](#)
- [Climate Adaption and Mitigation - Demolition or Cleanup](#)
- [Institutional & Engineering Controls](#)
- [Redevelopment and Other Leveraged Accomplishments](#)
- [Climate Adaption and Mitigation - Redevelopment](#)
- [Additional Property Attributes](#)

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Profile Information

Property Alias	
Property Owner	Government
ACRES Property ID	109083
Property Address	916 Pine Street Pembroke, NC 28372
Size	10.8
Parcel Numbers	AC EAST SR 1556
Latitude/Longitude	34.6754198 / -79.201048
Congressional District	8
Property Contact	Champagne, David Champagne.David@epa.gov 404-562-9028

Property Location

[↑ Top of Page](#)

Property Progress

Assessment	✕
Clean Up	✕
Institutional Controls in Place	✕
Engineering Controls in Place	✕
Ready for Anticipated Use	✕
Redevelopment Underway	✕

[↑ Top of Page](#)

CAs Associated with this Property

CA Name	CA #	State	Type	Announcement Year
Pembroke, Town of	BF96460706	NC	Assessment	2006

[↑ Top of Page](#)

Assessment Activities at this Property

Activity	EPA Funding	Start Date	Completion Date	CA	Accomplishment Counted?	Counted When?
Phase I Environmental Assessment	\$5,000.00	06/05/2009	07/17/2009	Pembroke, Town of	Y	FY18

Is Cleanup Necessary? **Unknown**
EPA Assessment Funding: **\$5,000.00**
Leveraged Funding:
Total Funding: **\$5,000.00**

Climate Adaption and Mitigation - Planning or Assessment

There is no data for Climate Adaption and Mitigation - Planning or Assessment.

Contaminants and Media

Contaminant Found

Media Affected

Unknown

Remediating Action for Contaminants

Remediating Action for Media

NOT Cleaned up

Cleanup Activities

There are no current cleanup activities.

Cleanup/Treatment Implemented:

Cleanup/Treatment Categories:

Add Cleanup/Treatment info:

Address of Data Source:

Climate Adaption and Mitigation - Demolition or Cleanup

There is no data for Climate Adaption and Mitigation - Demolition or Cleanup.

Institutional and Engineering Controls

Indicate whether Institutional Controls are required **U**

Categories of Controls

Additional Institutional Controls Information

Address of Data Source (URL if available)

Are Institutional Controls in Place **No**

Date Institutional Controls were put in place

Indicate whether Engineering Controls are required **U**

Categories of Controls

Additional Engineering controls information

Address of Data Source (URL if available)

Indicate whether Engineering Controls are in place **No**

Date Engineering Controls were put in place

[↑ Top of Page](#)

Redevelopment and Other Leveraged Accomplishments

There are no current redevelopment activities.

Number of Redevelopment Jobs Leveraged:

Actual Acreage of Greenspace Created:

Leveraged Funding:

[↑ Top of Page](#)

Climate Adaption and Mitigation – Redevelopment

There is no data for Climate Adaption and Mitigation – Redevelopment

[↑ Top of Page](#)

Additional Property Attributes

Property Highlights

Former Use: Property consists of a Housing Authority Development zoning is residential. Fourteen multiple family dwellings are located on the property along with the Pembroke Housing Authority main office building.

Predominant Past Usage

Residential (10.8)

What types of funding are being used on this property?

Petroleum

State and Tribal Program Information

Date No Further Action Letter Received

Date Letter/Signed Report Received from a Qualified Professional

Other Cleanup Documentation



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Property Details for Lumbee Drive End Lift Station

On this page:

- [Profile Information](#)
- [Property Location](#)
- [Property Progress](#)
- [CAs Associated with this Property](#)
- [Assessment Activities at this Property](#)
- [Climate Adaption and Mitigation - Planning or Assessment](#)
- [Contaminants and Media](#)
- [Cleanup Activities](#)
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- [Institutional & Engineering Controls](#)
- [Redevelopment and Other Leveraged Accomplishments](#)
- [Climate Adaption and Mitigation - Redevelopment](#)
- [Additional Property Attributes](#)

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Profile Information

Property Alias

Property Owner **Government**

ACRES Property ID **62121**

Property Address **unknown Pembroke, NC 28372**

Size **.02**

Parcel Numbers

Latitude/Longitude **34.6743 / -79.1848**

Congressional District **8**

Property Contact **Champagne, David**
Champagne.David@epa.gov
404-562-9028

Property Location

Property Progress

Assessment	
Clean Up	
Institutional Controls in Place	
Engineering Controls in Place	
Ready for Anticipated Use	
Redevelopment Underway	

CAs Associated with this Property

CA Name	CA #	State	Type	Announcement Year
Pembroke, Town of	BF96460706	NC	Assessment	2006

Assessment Activities at this Property

Activity	EPA Funding	Start Date	Completion Date	CA	Accomplishment Counted?	Counted When?
Phase I Environmental Assessment	\$3,135.00	05/24/2007	01/04/2008	Pembroke, Town of	Y	FY08

Is Cleanup Necessary? **Unknown**

EPA Assessment Funding: **\$3,135.00**

Leveraged Funding:
Total Funding: **\$3,135.00**

[↑ Top of Page](#)

Climate Adaption and Mitigation - Planning or Assessment

There is no data for Climate Adaption and Mitigation - Planning or Assessment.

[↑ Top of Page](#)

Contaminants and Media

Contaminant Found
Media Affected

Remediating Action for Contaminants
Remediating Action for Media

[↑ Top of Page](#)

Cleanup Activities

There are no current cleanup activities.

Cleanup/Treatment Implemented:
Cleanup/Treatment Categories:
Addl Cleanup/Treatment info:
Address of Data Source:

[↑ Top of Page](#)

Climate Adaption and Mitigation - Demolition or Cleanup

There is no data for Climate Adaption and Mitigation - Demolition or Cleanup.

[↑ Top of Page](#)

Institutional and Engineering Controls

Indicate whether Institutional Controls are required **U**

Categories of Controls

Additional Institutional Controls Information

Address of Data Source (URL if available)

Are Institutional Controls in Place

Date Institutional Controls were put in place

Indicate whether Engineering Controls are required

Categories of Controls

Additional Engineering controls information

Address of Data Source (URL if available)

Indicate whether Engineering Controls are in place

Date Engineering Controls were put in place

[↑ Top of Page](#)

Redevelopment and Other Leveraged Accomplishments

There are no current redevelopment activities.

Number of Redevelopment Jobs Leveraged:

Actual Acreage of Greenspace Created:

Leveraged Funding:

[↑ Top of Page](#)

Climate Adaption and Mitigation – Redevelopment

There is no data for Climate Adaption and Mitigation – Redevelopment

[↑ Top of Page](#)

Additional Property Attributes

Property Highlights	Former Use: Property is currently being utilized as a lift station.
Predominant Past Usage	Industry (.02)
What types of funding are being used on this property?	Petroleum
State and Tribal Program Information	
Date No Further Action Letter Received	
Date Letter/Signed Report Received from a Qualified Professional	
Other Cleanup Documentation	



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Property Details for Maynor Manor

On this page:

- Profile Information
- Property Location
- Property Progress
- CAs Associated with this Property
- Assessment Activities at this Property
- Climate Adaption and Mitigation - Planning or Assessment
- Contaminants and Media
- Cleanup Activities
- Climate Adaption and Mitigation - Demolition or Cleanup
- Institutional & Engineering Controls
- Redevelopment and Other Leveraged Accomplishments
- Climate Adaption and Mitigation - Redevelopment
- Additional Property Attributes

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Profile Information

Property Alias

Property Owner	Government
ACRES Property ID	109086
Property Address	207 East Second Street Pembroke, NC 28372
Size	6.5
Parcel Numbers	LT 2 3 BL W PEMBROKE SD 350601014 and AC E JONES ST S/S RR 3050601016
Latitude/Longitude	34.679569 / -79.1915484
Congressional District	8
Property Contact	Champagne, David Champagne.David@epa.gov 404-562-9028

Property Location

[↑ Top of Page](#)

Property Progress

Assessment	✕
Clean Up	✕
Institutional Controls in Place	✕
Engineering Controls in Place	✕
Ready for Anticipated Use	✕
Redevelopment Underway	✕

[↑ Top of Page](#)

CAs Associated with this Property

CA Name	CA #	State	Type	Announcement Year
Pembroke, Town of	BF96460706	NC	Assessment	2006

[↑ Top of Page](#)

Assessment Activities at this Property

Activity	EPA Funding	Start Date	Completion Date	CA	Accomplishment Counted?	Counted When?
Phase I Environmental Assessment	\$5,000.00	06/05/2009	07/17/2009	Pembroke, Town of	Y	FY18

Is Cleanup Necessary? **Unknown**
EPA Assessment Funding: **\$5,000.00**
Leveraged Funding:
Total Funding: **\$5,000.00**

Climate Adaption and Mitigation - Planning or Assessment

There is no data for Climate Adaption and Mitigation - Planning or Assessment.

Contaminants and Media

Contaminant Found

Media Affected

Unknown

Remediating Action for Contaminants

Remediating Action for Media

NOT Cleaned up

Cleanup Activities

There are no current cleanup activities.

Cleanup/Treatment Implemented:

Cleanup/Treatment Categories:

Add Cleanup/Treatment info:

Address of Data Source:

Climate Adaption and Mitigation - Demolition or Cleanup

There is no data for Climate Adaption and Mitigation - Demolition or Cleanup.

Institutional and Engineering Controls

Indicate whether Institutional Controls are required **U**

Categories of Controls

Additional Institutional Controls Information

Address of Data Source (URL if available)

Are Institutional Controls in Place **No**

Date Institutional Controls were put in place

Indicate whether Engineering Controls are required **U**

Categories of Controls

Additional Engineering controls information

Address of Data Source (URL if available)

Indicate whether Engineering Controls are in place **No**

Date Engineering Controls were put in place

[↑ Top of Page](#)

Redevelopment and Other Leveraged Accomplishments

There are no current redevelopment activities.

Number of Redevelopment Jobs Leveraged:

Actual Acreage of Greenspace Created:

Leveraged Funding:

[↑ Top of Page](#)

Climate Adaption and Mitigation – Redevelopment

There is no data for Climate Adaption and Mitigation – Redevelopment

[↑ Top of Page](#)

Additional Property Attributes

Property Highlights

Predominant Past Usage

What types of funding are being used on this property?

State and Tribal Program Information

Date No Further Action Letter Received

Date Letter/Signed Report Received from a Qualified Professional

Former Use: Property consists of a Housing Authority Development - thirteen multiple family dwellings are located on the property along with one main office building.
Residential (6.5)

Petroleum

Other Cleanup Documentation



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Property Details for Michael's Property

On this page:

- Profile Information
- Property Location
- Property Progress
- CAs Associated with this Property
- Assessment Activities at this Property
- Climate Adaption and Mitigation - Planning or Assessment
- Contaminants and Media
- Cleanup Activities
- Climate Adaption and Mitigation - Demolition or Cleanup
- Institutional & Engineering Controls
- Redevelopment and Other Leveraged Accomplishments
- Climate Adaption and Mitigation - Redevelopment
- Additional Property Attributes

[Legal Notices](https://www.epa.gov/cleanups/cimc-legal-notice) [<https://www.epa.gov/cleanups/cimc-legal-notice>](https://www.epa.gov/cleanups/cimc-legal-notice)

Profile Information

Property Alias	
Property Owner	Private
ACRES Property ID	109089
Property Address	601 West Third Street Pembroke, NC 28372
Size	.7
Parcel Numbers	350301021
Latitude/Longitude	34.6848473 / -79.2027934
Congressional District	8
Property Contact	Champagne, David Champagne.David@epa.gov 404-562-9028

Property Location

[↑ Top of Page](#)

Property Progress

Assessment	✕
Clean Up	✕
Institutional Controls in Place	✕
Engineering Controls in Place	✕
Ready for Anticipated Use	✕
Redevelopment Underway	✕

[↑ Top of Page](#)

CAs Associated with this Property

CA Name	CA #	State	Type	Announcement Year
Pembroke, Town of	BF96460706	NC	Assessment	2006

[↑ Top of Page](#)

Assessment Activities at this Property

Activity	EPA Funding	Start Date	Completion Date	CA	Accomplishment Counted?	Counted When?
Phase I Environmental Assessment	\$5,000.00	07/08/2009	07/17/2009	Pembroke, Town of	Y	FY18

Is Cleanup Necessary? **Unknown**
EPA Assessment Funding: **\$5,000.00**
Leveraged Funding:
Total Funding: **\$5,000.00**

Climate Adaption and Mitigation - Planning or Assessment

There is no data for Climate Adaption and Mitigation - Planning or Assessment.

Contaminants and Media

Contaminant Found

Media Affected

Unknown

Remediating Action for Contaminants

Remediating Action for Media

NOT Cleaned up

Cleanup Activities

There are no current cleanup activities.

Cleanup/Treatment Implemented:

Cleanup/Treatment Categories:

Add Cleanup/Treatment info:

Address of Data Source:

Climate Adaption and Mitigation - Demolition or Cleanup

There is no data for Climate Adaption and Mitigation - Demolition or Cleanup.

Institutional and Engineering Controls

Indicate whether Institutional Controls are required **U**

Categories of Controls

Additional Institutional Controls Information

Address of Data Source (URL if available)

Are Institutional Controls in Place **No**

Date Institutional Controls were put in place

Indicate whether Engineering Controls are required **U**

Categories of Controls

Additional Engineering controls information

Address of Data Source (URL if available)

Indicate whether Engineering Controls are in place **No**

Date Engineering Controls were put in place

[↑ Top of Page](#)

Redevelopment and Other Leveraged Accomplishments

There are no current redevelopment activities.

Number of Redevelopment Jobs Leveraged:

Actual Acreage of Greenspace Created:

Leveraged Funding:

[↑ Top of Page](#)

Climate Adaption and Mitigation – Redevelopment

There is no data for Climate Adaption and Mitigation – Redevelopment

[↑ Top of Page](#)

Additional Property Attributes

Property Highlights

Predominant Past Usage

What types of funding are being used on this property?

State and Tribal Program Information

Date No Further Action Letter Received

Date Letter/Signed Report Received from a Qualified Professional

Former Use: Property consists of a small restaurant and a burned building. Prior to use as a restaurant the property was farmland and a produce market. Commercial (.7)

Petroleum

Other Cleanup Documentation



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Property Details for Sheff's Seafood & Company Store

On this page:

- Profile Information
- Property Location
- Property Progress
- CAs Associated with this Property
- Assessment Activities at this Property
- Climate Adaption and Mitigation - Planning or Assessment
- Contaminants and Media
- Cleanup Activities
- Climate Adaption and Mitigation - Demolition or Cleanup
- Institutional & Engineering Controls
- Redevelopment and Other Leveraged Accomplishments
- Climate Adaption and Mitigation - Redevelopment
- Additional Property Attributes

Legal Notices <[<https://www.epa.gov/cleanups/cimc-legal-notice>](https://www.epa.gov/cleanups/cimc-legal-notice)

Profile Information

Property Alias	
Property Owner	Private
ACRES Property ID	67441
Property Address	100 E. 3rd St. Pembroke, NC 28372
Size	.95
Parcel Numbers	350503002, 350503003
Latitude/Longitude	34.676703 / -79.1892425
Congressional District	8
Property Contact	Champagne, David Champagne.David@epa.gov 404-562-9028

Property Location

[Top of Page](#)

Property Progress

Assessment	
Clean Up	
Institutional Controls in Place	
Engineering Controls in Place	
Ready for Anticipated Use	
Redevelopment Underway	

[Top of Page](#)

CAs Associated with this Property

CA Name	CA #	State	Type	Announcement Year
Pembroke, Town of	BF96460706	NC	Assessment	2006

[Top of Page](#)

Assessment Activities at this Property

Activity	EPA Funding	Start Date	Completion Date	CA	Accomplishment Counted?	Counted When?
Phase I Environmental Assessment	\$4,000.00	03/01/2007	11/30/2007	Pembroke, Town of	Y	FY09

Is Cleanup Necessary? **Unknown**

EPA Assessment Funding: **\$4,000.00**

Leveraged Funding:

Total Funding: **\$4,000.00**

[Top of Page](#)

Climate Adaption and Mitigation – Planning or Assessment

There is no data for Climate Adaption and Mitigation - Planning or Assessment.

Top of Page

Contaminants and Media

Contaminant Found

Unknown

Media Affected

Unknown

Remediating Action for Contaminants

NOT Cleaned up

Remediating Action for Media

NOT Cleaned up

Top of Page

Cleanup Activities

There are no current cleanup activities.

Cleanup/Treatment Implemented:

Cleanup/Treatment Categories:

Addl Cleanup/Treatment info:

Address of Data Source:

Top of Page

Climate Adaption and Mitigation – Demolition or Cleanup

There is no data for Climate Adaption and Mitigation - Demolition or Cleanup.

Top of Page

Institutional and Engineering Controls

Indicate whether
Institutional Controls
are required

Categories of Controls

Additional
Institutional Controls
Information

Address of Data Source
(URL if available)

Are Institutional Controls in Place

Date Institutional Controls were put in place

Indicate whether Engineering Controls are required

Categories of Controls

Additional Engineering controls information

Address of Data Source (URL if available)

Indicate whether Engineering Controls are in place

Date Engineering Controls were put in place

Top of Page

Redevelopment and Other Leveraged Accomplishments

There are no current redevelopment activities.

Number of Redevelopment Jobs Leveraged:

Actual Acreage of Greenspace Created:

Leveraged Funding:

Top of Page

Climate Adaption and Mitigation – Redevelopment

There is no data for Climate Adaption and Mitigation – Redevelopment

Top of Page

Additional Property Attributes

Property Highlights **Former Use: Former gas station/convenience store.**

Predominant Past Usage **Commercial (.95)**

What types of funding are being used on this property? **Petroleum**

State and Tribal Program Information

Date No Further Action Letter Received

Date Letter/Signed Report Received from a Qualified Professional



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Property Details for Strickland Heights

On this page:

- Profile Information
- Property Location
- Property Progress
- CAs Associated with this Property
- Assessment Activities at this Property
- Climate Adaption and Mitigation - Planning or Assessment
- Contaminants and Media
- Cleanup Activities
- Climate Adaption and Mitigation - Demolition or Cleanup
- Institutional & Engineering Controls
- Redevelopment and Other Leveraged Accomplishments
- Climate Adaption and Mitigation - Redevelopment
- Additional Property Attributes

[Legal Notices <https://www.epa.gov/cleanups/cimc-legal-notice>](https://www.epa.gov/cleanups/cimc-legal-notice)

Profile Information

Property Alias	
Property Owner	Government
ACRES Property ID	109087
Property Address	304 Godwin Street Pembroke, NC 28372
Size	29
Parcel Numbers	350102017
Latitude/Longitude	34.6843081 / -79.1925242
Congressional District	8
Property Contact	Champagne, David Champagne.David@epa.gov 404-562-9028

Property Location

[↑ Top of Page](#)

Property Progress

Assessment	✕
Clean Up	✕
Institutional Controls in Place	✕
Engineering Controls in Place	✕
Ready for Anticipated Use	✕
Redevelopment Underway	✕

[↑ Top of Page](#)

CAs Associated with this Property

CA Name	CA #	State	Type	Announcement Year
Pembroke, Town of	BF96460706	NC	Assessment	2006

[↑ Top of Page](#)

Assessment Activities at this Property

Activity	EPA Funding	Start Date	Completion Date	CA	Accomplishment Counted?	Counted When?
Phase I Environmental Assessment	\$5,000.00	06/08/2009	07/17/2009	Pembroke, Town of	Y	FY18

Is Cleanup Necessary? **Unknown**
EPA Assessment Funding: **\$5,000.00**
Leveraged Funding:
Total Funding: **\$5,000.00**

Climate Adaption and Mitigation - Planning or Assessment

There is no data for Climate Adaption and Mitigation - Planning or Assessment.

Contaminants and Media

Contaminant Found

Media Affected

Unknown

Remediating Action for Contaminants

Remediating Action for Media

NOT Cleaned up

Cleanup Activities

There are no current cleanup activities.

Cleanup/Treatment Implemented:

Cleanup/Treatment Categories:

Add Cleanup/Treatment info:

Address of Data Source:

Climate Adaption and Mitigation - Demolition or Cleanup

There is no data for Climate Adaption and Mitigation - Demolition or Cleanup.

Institutional and Engineering Controls

Indicate whether Institutional Controls are required **U**

Categories of Controls

Additional Institutional Controls Information

Address of Data Source (URL if available)

Are Institutional Controls in Place **No**

Date Institutional Controls were put in place

Indicate whether Engineering Controls are required **U**

Categories of Controls

Additional Engineering controls information

Address of Data Source (URL if available)

Indicate whether Engineering Controls are in place **No**

Date Engineering Controls were put in place

[↑ Top of Page](#)

Redevelopment and Other Leveraged Accomplishments

There are no current redevelopment activities.

Number of Redevelopment Jobs Leveraged:

Actual Acreage of Greenspace Created:

Leveraged Funding:

[↑ Top of Page](#)

Climate Adaption and Mitigation – Redevelopment

There is no data for Climate Adaption and Mitigation – Redevelopment

[↑ Top of Page](#)

Additional Property Attributes

Property Highlights

Predominant Past Usage

What types of funding are being used on this property?

State and Tribal Program Information

Date No Further Action Letter Received

Date Letter/Signed Report Received from a Qualified Professional

Other Cleanup Documentation

Former Use: Property is developed with twenty-nine multiple family dwellings, a community/main office building, and a maintenance complex as part of the Housing Development Authority. Residential (29)

Petroleum



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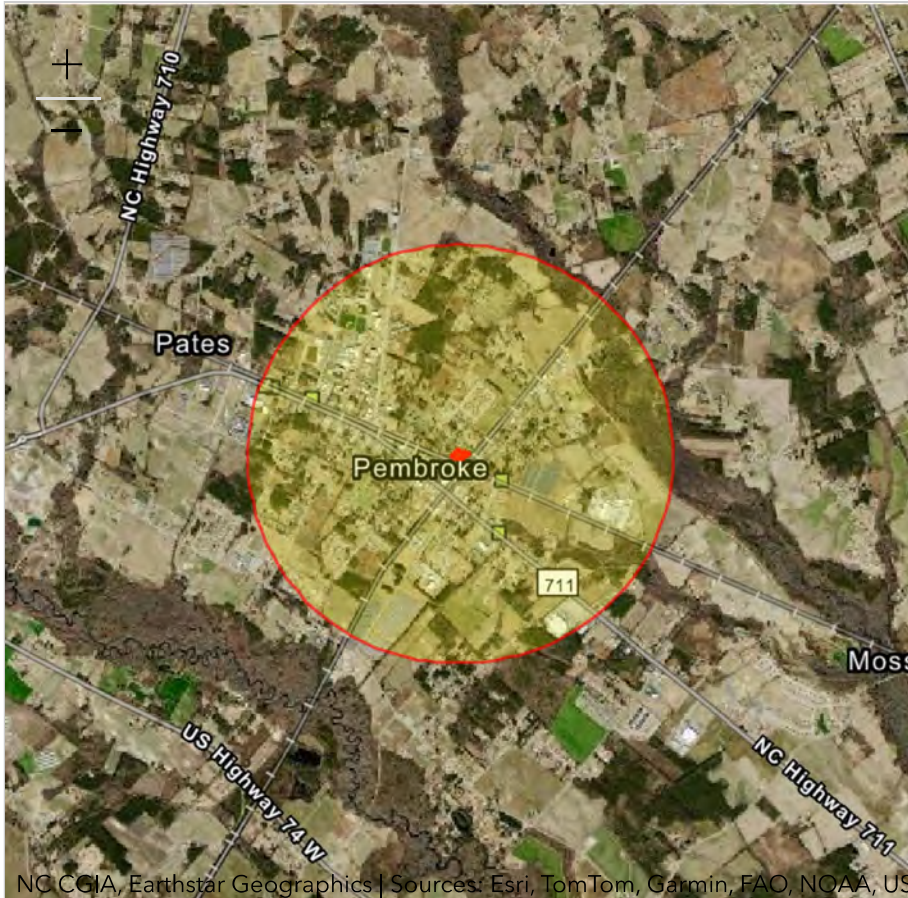
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NC CGIA, Earthstar Geographics | Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c... Powered by Esri (<http://www.esri.com/>)

Report question: Within 1 mile of a hazardous waste (RCRA) facility? yes

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

Features within Study Area

Features found: 5

Name

Distance

☐ FLEETWOOD HOMES OF N C (PEMBROKE,NC) ([https://enviro.epa.gov/envirofacts/rcrainfo/facility?](https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCS000001398)

0.21 mile

handlerId=NCS000001398)

registry_id: 110000350094

latitude: 34.680333

longitude: -79.188676

pgm_sys_acrnm: RCRAINFO

pgm_sys_id: NCS000001398

primary_name: FLEETWOOD HOMES OF N C

location_address: 349 EAST RAILROAD ST

city_name: PEMBROKE

county_name: ROBESON

state_code: NC

epa_region: Region 04

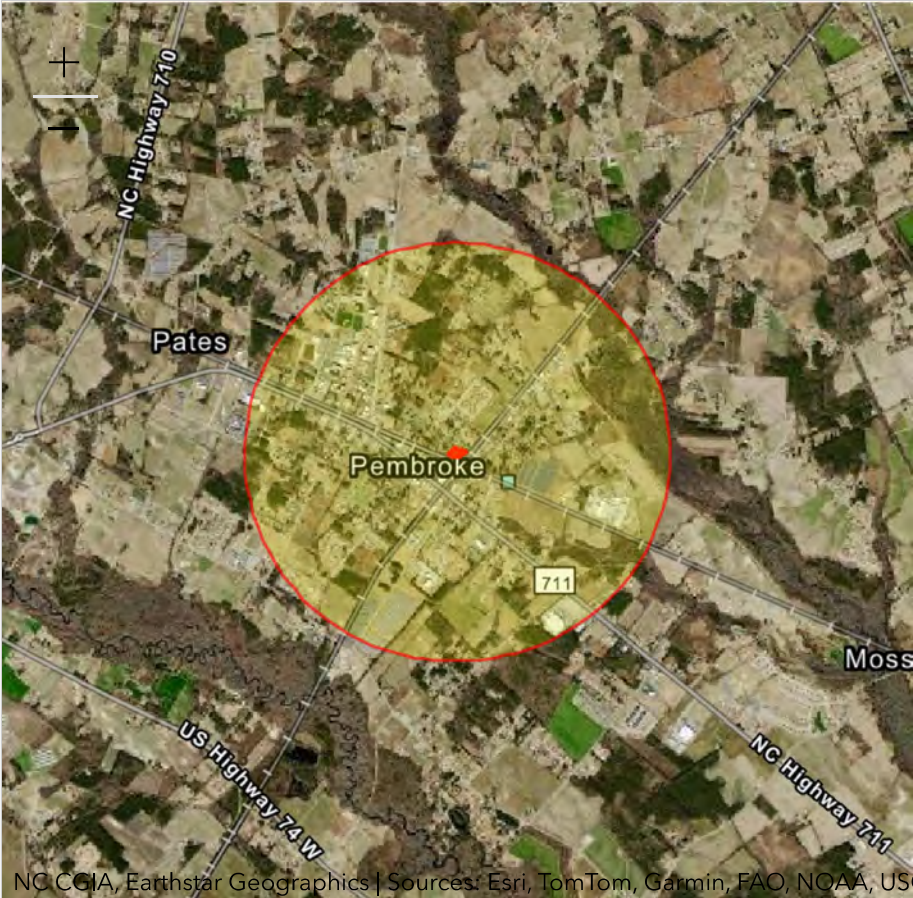
postal_code: 28372

fips_code:

huc_code:

facility_url: <https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCS000001398>

Name	Distance
☐ UNC PEMBROKE (PEMBROKE,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCD986228831) registry_id: 110018653884 latitude: 34.68609 longitude: -79.2049 pgm_sys_acrnm: RCRAINFO pgm_sys_id: NCD986228831 primary_name: UNC PEMBROKE location_address: ONE UNIVERSITY DR city_name: PEMBROKE county_name: ROBESON state_code: NC epa_region: Region 04 postal_code: 28372 fips_code: huc_code: facility_url: https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCD986228831	0.74 mile
☐ WALMART SUPERCENTER 5489 (PEMBROKE,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NC0991302782) registry_id: 110024445144 latitude: 34.686864 longitude: -79.208268 pgm_sys_acrnm: RCRAINFO pgm_sys_id: NC0991302782 primary_name: WALMART SUPERCENTER 5489 location_address: 930 HWY 711 E city_name: PEMBROKE county_name: ROBESON state_code: NC epa_region: Region 04 postal_code: 28372 fips_code: huc_code: facility_url: https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NC0991302782	0.94 mile
☐ SALLY BEAUTY SUPPLY 3481 (PEMBROKE,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCR000177063) registry_id: 110070912341 latitude: 34.686993 longitude: -79.208921 pgm_sys_acrnm: RCRAINFO pgm_sys_id: NCR000177063 primary_name: SALLY BEAUTY SUPPLY 3481 location_address: 938H E 3RD ST city_name: PEMBROKE county_name: ROBESON state_code: NC epa_region: postal_code: 28372 fips_code: huc_code: facility_url: https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCR000177063	0.98 mile
☐ WALGREENS 16119 (PEMBROKE,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCR000186049) registry_id: 110071737122 latitude: 34.676613 longitude: -79.188894 pgm_sys_acrnm: RCRAINFO pgm_sys_id: NCR000186049 primary_name: WALGREENS 16119 location_address: 503 E 3RD ST city_name: PEMBROKE county_name: ROBESON state_code: NC epa_region: postal_code: 28372 fips_code: huc_code: facility_url: https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCR000186049	0.41 mile



NC CCIA, Earthstar Geographics | Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c... Powered by Esri (<http://www.esri.com/>)

Report question: Within 1 mile of a Toxic Release Inventory (TRI) site? 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
☐ FLEETWOOD HOMES OF NORTH CAROLINA INC 41 (PEMBROKE,NC) (https://enviro.epa.gov/facts/tri/ef-facilities/#/Facility/28372FLTWDERAIL) registry_id: 110000350094 latitude: 34.680333 longitude: -79.188676 pgm_sys_acrnm: TRIS pgm_sys_id: 28372FLTWDERAIL primary_name: FLEETWOOD HOMES OF NORTH CAROLINA INC 41 location_address: 349 E RAILROAD AVE city_name: PEMBROKE county_name: ROBESON state_code: NC epa_region: Region 04 postal_code: 28372 fips_code: huc_code: facility_url: https://enviro.epa.gov/facts/tri/ef-facilities/#/Facility/28372FLTWDERAIL dmap_longitude: -79.18784021 dmap_latitude: 34.68006904	0.26 mile



Detailed Facility Report

Facility Summary

FLEETWOOD HOMES OF NORTH CAROLINA INC #41 – PEMBROKE

349 E. RAILROAD AVE., PEMBROKE, NC 28372

FRS (Facility Registry Service) ID: 110000350094

EPA Region: 04

Latitude: 34.680333

Longitude: -79.188676

Locational Data Source: TRIS

Industries: Wood Product Manufacturing

Indian Country: N

Enforcement and Compliance Summary

Statute	CAA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	--
Compliance Status	--
Qtrs in Noncompliance (of 12)	--
Qtrs with Significant Violation	--
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--
Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	07/23/2009
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Clean Air Act (CAA): No Information	Air Emissions Inventory (EIS): 8407911
Clean Water Act (CWA): No Information	Greenhouse Gas Emissions (eGGRT): No Information
Resource Conservation and Recovery Act (RCRA): Inactive Other, (NCS000001398)	Toxic Releases (TRI): 28372FLTWDERAIL
Safe Drinking Water Act (SDWA): No Information	Compliance and Emissions Data Reporting Interface (CEDRI): No Information
Go To Enforcement/Compliance Details	
Known Data Problems < https://epa.gov/resources/echo-data/known-data-problems >	

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110000350094					N	34.680333	-79.188676
EIS	CAA	8407911					N	34.67805	-79.18
TRI	EP313	28372FLTWDERAIL	Toxics Release Inventory	Last Reported for 2009			N	34.680333	-79.188676
RCRAInfo	RCRA	NCS000001398	Other	Inactive ()			N	34.678187	-79.182406

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110000350094	FLEETWOOD HOMES OF NORTH CAROLINA INC #41 - PEMBROKE	349 E. RAILROAD AVE., PEMBROKE, NC 28372	Robeson County
EIS	CAA	8407911	FLEETWOOD HOMES OF NORTH CAROLINA INC #41 - PEMBROKE	349 E. RAILROAD AVE., PEMBROKE, NC 28372	Robeson County
TRI	EP313	28372FLTWDERAIL	FLEETWOOD HOMES OF NORTH CAROLINA INC 41	349 E RAILROAD AVE, PEMBROKE, NC 28372	Robeson County
RCRAInfo	RCRA	NCS000001398	FLEETWOOD HOMES OF N C	349 EAST RAILROAD ST, PEMBROKE, NC 28372	Robeson County

System	Identifier	SIC Code	SIC Description
TRI	28372FLTWDERAIL	2451	Mobile Homes

System	Identifier	NAICS Code	NAICS Description
TRI	28372FLTWDERAIL	321991	Manufactured Home (Mobile Home) Manufacturing
TRI	28372FLTWDERAIL	NA	
EIS	8407911	321991	Manufactured Home (Mobile Home) Manufacturing

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned			

Compliance Monitoring History Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
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No data records returned

Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy <<https://www.epa.gov/compliance/compliance-monitoring-programs>> activities or because they are not counted as inspections within EPA's Annual Results <<https://www.epa.gov/enforcement/enforcement-data-and-results>>.

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	NCS000001398	No	08/01/2026	0	07/31/2026

[illegible]

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
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No data records returned

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions

Last 5 Years

Statute	System	Law/ Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	Issued/ Filed Date	Settlements/ Actions	Settlement/ Action Date	Federal Penalty Assessed	State/ Local Penalty Assessed	Penalty Amount Collected	SEP Value	Comp Action Cost
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No data records returned

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
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No data records returned

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
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No data records returned

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
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No data records returned

Pollutants

Toxics Release Inventory History of Reported Chemicals Released or Transferred in Pounds per Year at Site ⓘ

TRI Facility ID	Year	Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Disposal to Land	Total On-Site Releases	Total Off-Site Transfers
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No data records returned

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year ⓘ

Chemical Name

No data records returned

Community

Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2023 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing methodology considers the overlap between the selected radii and ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (ACS (American Community Survey))		Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Total Persons	1,359	Children 5 years and younger	134 (10%)
Population Density	433/sq.mi.	Minors 17 years and younger	359 (26%)
Housing Units in Area	552	Adults 18 years and older	1,000 (74%)
Percent People of Color	62%	Seniors 65 years and older	201 (15%)
Households in Area	482		
Households on Public Assistance	3	Race Breakdown (ACS (American Community Survey)) - Persons (%)	
Persons With Low Income	763	White	515 (38%)
Percent With Low Income	56%	African-American	374 (28%)
		Hispanic-Origin	126 (9%)

Geography	
Radius of Selected Area	1 mi.
Center Latitude	34.680333
Center Longitude	-79.188676
Total Area	3.14 sq.mi.
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	62 (12.84%)
\$15,000 - \$25,000	13 (2.69%)
\$25,000 - \$50,000	172 (35.61%)
\$50,000 - \$75,000	90 (18.63%)
Greater than \$75,000	146 (30.23%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
Asian	0 (0%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	237 (17%)
Other/Multiracial	232 (17%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	9 (1.02%)
9th through 12th Grade	154 (17.4%)
High School Diploma	422 (47.68%)
Some College/2-year	180 (20.34%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	72 (8.14%)

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| System Data Searches <<https://www.epa.gov/enviro/system-data-searches>> | About the Data <<https://www.epa.gov/enviro/about-data>> | Data Downloads
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<<https://www.epa.gov/enviro/uv-index-mobile-app>> | Other Datasets <<https://www.epa.gov/enviro/other-datasets>>

Facility Information

UNC - PEMBROKE
Handler ID: NCD986228831

ONE UNIVERSITY DR
PEMBROKE, NC 28372

County Name: ROBESON

Latitude: 34.68609

Longitude: -79.2049

Hazardous Waste Generator: Very Small Quantity
Generator

Owner Name: BOARD OF GOVERNORS STATE OF NC

BIENNIAL REPORT SUMMARY

No Biennial Report data is available for the facility listed above.

LIST OF FACILITY CONTACTS

NAME	STREET	CITY	STATE	ZIP CODE	PHONE	TYPE OF CONTACT
CAROLYN J PARSONS	UNIVERSITY DR	PEMBROKE	NC	28372	910-521-6197	Public
CAROLYN PARSONS	UNIVERSITY DR	PEMBROKE	NC	28372	910-521-6197	Permit

HANDLER / FACILITY CLASSIFICATION

Unspecified Universe for the facility listed above.

No Handler information is available for the facility listed above.

LIST OF PROCESS UNIT INFORMATION FOR GROUP

<https://epa.gov/envirofacts/metadata/table/rcra/rcr_pm_unit>

No Process Information is available for the facility listed above.

LIST OF NAICS CODES AND DESCRIPTIONS

NAICS CODE	NAICS DESCRIPTION
61131	COLLEGES, UNIVERSITIES, AND PROFESSIONAL SCHOOLS

LIST OF WASTE CODES AND DESCRIPTIONS



WASTE CODE	WASTE DESCRIPTION
D001	IGNITABLE WASTE
D002	CORROSIVE WASTE

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<<https://www.epa.gov/enviro/uv-index-mobile-app>> | Other Datasets <<https://www.epa.gov/enviro/other-datasets>>

Facility Information

SALLY BEAUTY SUPPLY #3481

Handler ID: NCR000177063

938H E 3RD ST.

PEMBROKE, NC 28372

County Name: ROBESON

Latitude: 34.686993

Longitude: -79.208921

**Hazardous Waste Generator: Very Small Quantity
Generator**

Owner Name: PEMBROKE MARKETPLACE LLC

BIENNIAL REPORT SUMMARY

No Biennial Report data is available for the facility listed above.

LIST OF FACILITY CONTACTS

NAME	STREET	CITY	STATE	ZIP CODE	PHONE	TYPE OF CONTACT
DEBBIE MIDDLETON	COLORADO BLVD.	DENTON	TX	76210	940-297-4964	Public
DEBBIE MIDDLETON	COLORADO BLVD.	DENTON	TX	76210	940-297-4964	Permit

HANDLER / FACILITY CLASSIFICATION

Unspecified Universe for the facility listed above.

No Handler information is available for the facility listed above.

LIST OF PROCESS UNIT INFORMATION FOR GROUP

<https://epa.gov/envirofacts/metadata/table/rcra/rcr_pm_unit>

No Process Information is available for the facility listed above.

LIST OF NAICS CODES AND DESCRIPTIONS

NAICS CODE	NAICS DESCRIPTION
446120	COSMETICS, BEAUTY SUPPLIES, AND PERFUME STORES

LIST OF WASTE CODES AND DESCRIPTIONS

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<<https://www.epa.gov/enviro/uv-index-mobile-app>> | Other Datasets <<https://www.epa.gov/enviro/other-datasets>>

Facility Information

WALGREENS #16119
Handler ID: NCR000186049
503 E. 3RD ST.
PEMBROKE, NC 28372
County Name: ROBESON
Latitude: 34.676613
Longitude: -79.188894
Hazardous Waste Generator:
Owner Name: WILLIAM R HUTCHINSON

BIENNIAL REPORT SUMMARY

No Biennial Report data is available for the facility listed above.

LIST OF FACILITY CONTACTS

NAME	STREET	CITY	STATE	ZIP CODE	PHONE	TYPE OF CONTACT
JASON DANIELS	WILMOT ROAD	DEERFIELD	IL	60015	951-850-7894	Public
JASON DANIELS	WILMOT ROAD	DEERFIELD	IL	60015	951-850-7894	Permit

HANDLER / FACILITY CLASSIFICATION

Unspecified Universe for the facility listed above.

HANDLER TYPE
Not in a universe

LIST OF PROCESS UNIT INFORMATION FOR GROUP

<https://epa.gov/envirofacts/metadata/table/rcra/rcr_pm_unit>

No Process Information is available for the facility listed above.

LIST OF NAICS CODES AND DESCRIPTIONS

NAICS CODE	NAICS DESCRIPTION
456110	PHARMACIES AND DRUG RETAILERS

LIST OF WASTE CODES AND DESCRIPTIONS

No Waste Codes are available for the facility listed above.

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WASTE CODE	WASTE DESCRIPTION
D001	IGNITABLE WASTE
D002	CORROSIVE WASTE
D005	BARIUM
D007	CHROMIUM
D008	LEAD
D009	MERCURY
D011	SILVER
D018	BENZENE
D035	METHYL ETHYL KETONE
U002	2-PROPANONE (I) (OR) ACETONE (I)
U112	ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)
U118	2-PROPENOIC ACID, 2-METHYL-, ETHYL ESTER (OR) ETHYL METHACRYLATE
U123	FORMIC ACID (C,T)
U154	METHANOL (I) (OR) METHYL ALCOHOL (I)

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<<https://www.epa.gov/enviro/uv-index-mobile-app>> | Other Datasets <<https://www.epa.gov/enviro/other-datasets>>

Facility Information

WALMART SUPERCENTER #5489

Handler ID: NC0991302782

930 HWY 711 E

PEMBROKE, NC 28372

County Name: ROBESON

Latitude: 34.686864

Longitude: -79.208268

Hazardous Waste Generator: Very Small Quantity

Generator

Owner Name: WAL-MART STORES EAST, LP

BIENNIAL REPORT SUMMARY

No Biennial Report data is available for the facility listed above.

LIST OF FACILITY CONTACTS

NAME	STREET	CITY	STATE	ZIP CODE	PHONE	TYPE OF CONTACT
ROSE CALDWELL	P.O. BOX 8041	BENTONVILLE	AR	72712-8041	479-277-8972	Public
ROSE CALDWELL	P.O. BOX 8041	BENTONVILLE	AR	72712-8041	479-277-8972	Permit

HANDLER / FACILITY CLASSIFICATION

Unspecified Universe for the facility listed above.

No Handler information is available for the facility listed above.

LIST OF PROCESS UNIT INFORMATION FOR GROUP

<https://epa.gov/envirofacts/metadata/table/rcra/rcr_pm_unit>

No Process Information is available for the facility listed above.

LIST OF NAICS CODES AND DESCRIPTIONS

NAICS CODE	NAICS DESCRIPTION
45291	WAREHOUSE CLUBS AND SUPERCENTERS
452311	WAREHOUSE CLUBS AND SUPERCENTERS
452910	WAREHOUSE CLUBS AND SUPERCENTERS

LIST OF WASTE CODES AND DESCRIPTIONS

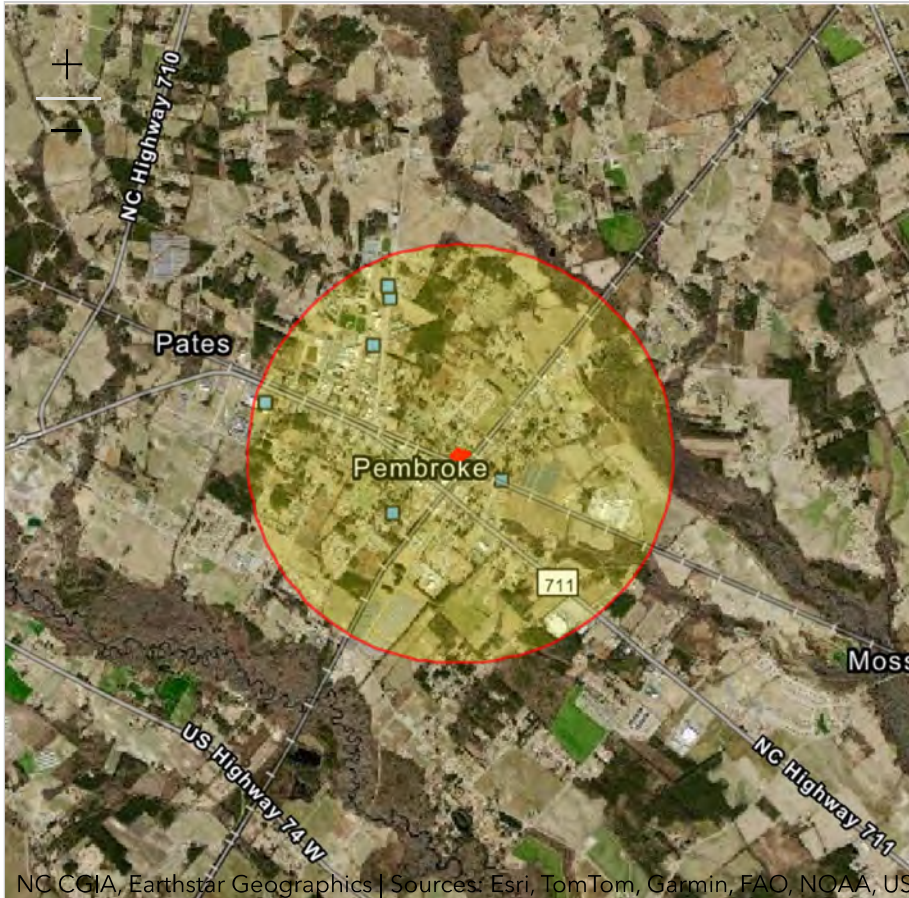
WASTE CODE	WASTE DESCRIPTION
D001	IGNITABLE WASTE
D002	CORROSIVE WASTE
D003	REACTIVE WASTE
D004	ARSENIC
D005	BARIUM
D006	CADMIUM
D007	CHROMIUM
D008	LEAD
D009	MERCURY
D010	SELENIUM
D011	SILVER
D013	LINDANE (1,2,3,4,5,6-HEXA-CHLOROCYCLOHEXANE, GAMMA ISOMER)
D016	2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)
D018	BENZENE
D024	M-CRESOL

WASTE CODE	WASTE DESCRIPTION
D025	P-CRESOL
D026	CRESOL
D027	1,4-DICHLOROBENZENE
D030	2,4-DINITROTOLUENE
D035	METHYL ETHYL KETONE
D039	TETRACHLOROETHYLENE
P001	2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
U002	2-PROPANONE (I) (OR) ACETONE (I)
U034	ACETALDEHYDE, TRICHLORO- (OR) CHLORAL
U035	BENZENE BUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL
U058	2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE
U072	BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE
U089	DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-
U122	FORMALDEHYDE
U129	CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE
U132	HEXACHLOROPHENE (OR) PHENOL, 2,2'-METHYLENEBIS[3,4,6-TRICHLORO-
U134	HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)

WASTE CODE	WASTE DESCRIPTION
U150	L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN
U154	METHANOL (I) (OR) METHYL ALCOHOL (I)
U165	NAPHTHALENE
U188	PHENOL
U200	RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL)OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-
U205	SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

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NC CCIA, Earthstar Geographics | Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c... Powered by Esri (<http://www.esri.com/>)

Report question: Within 1 mile of a water discharger (NPDES)? yes

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

miles

Submit

Features within Study Area

Features found: 7

Name	Distance
☐ PEMBROKE MINI STORAGE (PEMBROKE,NC) (https://enviro.epa.gov/envirofacts/icis-npdes/report?facilityId=NCC241814) facilityId=NCC241814 registry_id: 110071913044 latitude: 34.6858 longitude: -79.2089 pgm_sys_acrnm: NPDES pgm_sys_id: NCC241814 primary_name: PEMBROKE MINI STORAGE location_address: NC 711 city_name: PEMBROKE county_name: state_code: NC epa_region: Region 04 postal_code: 28372 fips_code: huc_code: facility_url: https://enviro.epa.gov/envirofacts/icis-npdes/report?facilityId=NCC241814	0.95 mile

Name	Distance
☐ UNCP CAMPUS RECREATION BASEBALL SOFTBALL OUTDOOR COMPLEX (PEMBROKE,NC) (https://enviro.epa.gov/envirofacts/icis-npdes/report?facilityId=NCC240697) registry_id: 110071917378 latitude: 34.68984 longitude: -79.19967 pgm_sys_acrnm: NPDES pgm_sys_id: NCC240697 primary_name: UNCP CAMPUS RECREATION BASEBALL SOFTBALL OUTDOOR COMPLEX location_address: UNIVERSITY DRIVE city_name: PEMBROKE county_name: state_code: NC epa_region: Region 04 postal_code: 28372 fips_code: huc_code: facility_url: https://enviro.epa.gov/envirofacts/icis-npdes/report?facilityId=NCC240697	0.65 mile
☐ PEMBROKE STUDENT HOUSING PHASE 1 (PEMBROKE,NC) (https://enviro.epa.gov/envirofacts/icis-npdes/report?facilityId=NCC204278) registry_id: 110071925022 latitude: 34.693187 longitude: -79.198225 pgm_sys_acrnm: NPDES pgm_sys_id: NCC204278 primary_name: PEMBROKE STUDENT HOUSING PHASE 1 location_address: 696 PROSPECT ROAD city_name: PEMBROKE county_name: state_code: NC epa_region: Region 04 postal_code: 28372 fips_code: huc_code: facility_url: https://enviro.epa.gov/envirofacts/icis-npdes/report?facilityId=NCC204278	0.81 mile
☐ TRANSPORTATION INVESTMENT FOR REVITALIZATION (PEMBROKE,NC) (https://enviro.epa.gov/envirofacts/icis-npdes/report?facilityId=NCC222726) registry_id: 110071930310 latitude: 34.678 longitude: -79.198 pgm_sys_acrnm: NPDES pgm_sys_id: NCC222726 primary_name: TRANSPORTATION INVESTMENT FOR REVITALIZATION location_address: NC711 SR1563 2ND STREET RAILROAD STREET COLLEG city_name: PEMBROKE county_name: state_code: NC epa_region: Region 04 postal_code: 28372 fips_code: huc_code: facility_url: https://enviro.epa.gov/envirofacts/icis-npdes/report?facilityId=NCC222726	0.40 mile
☐ TRACTOR SUPPLY PEMBROKE (PEMBROKE,NC) (https://enviro.epa.gov/envirofacts/icis-npdes/report?facilityId=NCC250985) registry_id: 110071953414 latitude: 34.672795 longitude: -79.183398 pgm_sys_acrnm: NPDES pgm_sys_id: NCC250985 primary_name: TRACTOR SUPPLY PEMBROKE location_address: 8141 NC HWY 711 city_name: PEMBROKE county_name: state_code: NC epa_region: Region 04 postal_code: 28372 fips_code: huc_code: facility_url: https://enviro.epa.gov/envirofacts/icis-npdes/report?facilityId=NCC250985	0.79 mile

Name	Distance
☐ CHAMPION HOMES 042 (PEMBROKE,NC) (https://enviro.epa.gov/envirofacts/icis-npdes/report?facilityId=NCG210516) registry_id: 110071995032 latitude: 34.680333 longitude: -79.188676 pgm_sys_acrnm: NPDES pgm_sys_id: NCG210516 primary_name: CHAMPION HOMES 042 location_address: 349 E RAIL ROAD ST city_name: PEMBROKE county_name: state_code: NC epa_region: Region 04 postal_code: 28372 fips_code: huc_code: facility_url: https://enviro.epa.gov/envirofacts/icis-npdes/report?facilityId=NCG210516	0.21 mile
☐ UNC PEMBROKE (PEMBROKE,NC) (https://enviro.epa.gov/envirofacts/icis-npdes/report?facilityId=NCC260698) registry_id: 110072182374 latitude: 34.694025 longitude: -79.198401 pgm_sys_acrnm: NPDES pgm_sys_id: NCC260698 primary_name: UNC PEMBROKE location_address: PROSPECT RD city_name: PEMBROKE county_name: state_code: NC epa_region: Region 04 postal_code: 28372 fips_code: huc_code: facility_url: https://enviro.epa.gov/envirofacts/icis-npdes/report?facilityId=NCC260698	0.87 mile

ICIS Detailed Report

Home <<https://epa.gov/>> | Multisystem Search <<https://epa.gov/envirofacts/multisystem/search>> | Topic Searches <<https://www.epa.gov/enviro/topic-searches>> | System Data Searches <<https://www.epa.gov/enviro/system-data-searches>> | About the Data <<https://www.epa.gov/enviro/about-data>> | Data Downloads <<https://www.epa.gov/enviro/data-downloads>> | Widgets <<https://www.epa.gov/enviro/widgets>> | Services <<https://www.epa.gov/enviro/web-services>> | Mobile <<https://www.epa.gov/enviro/uv-index-mobile-app>> | Other Datasets <<https://www.epa.gov/enviro/other-datasets>>

Facility

FACILITY NAME (1) < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name >	PEMBROKE MINI- STORAGE	NPDES < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr >	NCC241814
STREET 1 < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/location_address >	NC 711	SIC CODE < https://epa.gov/envirofacts/metadata/column/icis/xref_facility_interest_sic/sic_code >	1542 = Nonresidential Construction
CITY < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/city >	PEMBROKE	MAJOR / MINOR < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/major_minor_status_flag >	N
COUNTY NAME < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/county_code >		TYPE OF OWNERSHIP < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_type_code >	Privately Owned Facility
STATE < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/state_code >	NC	ACTIVITY STATUS < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/permit_status_code >	Effective
ZIP CODE < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/zip >	28372	INACTIVE DATE < https://epa.gov/envirofacts/metadata/column/icis/icis_perm_comp_status/status_end_date >	
REGION < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/epa_region_code >	Region 4	TYPE OF PERMIT ISSUED < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/permit_type_code >	General Permit Covered Facility
LATITUDE < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/geocode_latitude >	34.6858	ORIGINAL PERMIT ISSUE DATE < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/original_issue_date >	13-JUN-2024
LONGITUDE < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/geocode_longitude >	-79.2089	PERMIT ISSUED DATE < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/issue_date >	13-JUN-2024
LAT/LON CODE OF ACCURACY < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/horizontal_accuracy_measure >		PERMIT EXPIRED DATE < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/expiration_date >	31-MAR-2029

LAT/LON METHOD <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/horizontal_collect_method_code>			
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LAT/LON DATUM <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/horizontal_ref_datum_code>		FLOW <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/total_design_flow_nmbr>	0
RECEIVING WATERS <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/state_water_body_name>		FEDERAL GRANT IND <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/federal_grant_flag>	
PRETREATMENT CODE <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_pretreatment/pretreatment_indicator_code>		SLUDGE CLASS FAC IND <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/facility_type_indicator>	NON-POTW
MAILING NAME <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/primary_name>	PEMBROKE MINI STORAGE	SLUDGE RELATED PERMIT NUM <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_association/related_external_permit_nmbr>	
MAILING STREET (1) <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/location_address>	NC 711	ANNUAL DRY SLUDGE PROD <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_biosolid/total_volume_amt>	
MAILING STREET (2) <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/supplemental_location>			
MAILING CITY <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/city_name>	PEMBROKE		
MAILING STATE <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/state_name>	NORTH CAROLINA		
MAILING ZIP CODE <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/postal_code>	28372		
COGNIZANT OFFICIAL <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/dmr_cognizant_official>		COGNIZANT OFFICIAL TEL <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/dmr_cognizant_offcl_telephone>	

Activity

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	PEMBROKE MINI- STORAGE	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCC241814
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Activity Name<https://epa.gov/envirofacts/metadata/column/icis/icis_activity_report/activity_name>	Activity Type Description<https://epa.gov/envirofacts/metadata/column/icis/ref_activity_type/activity_type_desc>	Activity Status Description<https://epa.gov/envirofacts/metadata/column/icis/icis_activity_report/activity_st
	Permit	Active



Contacts

FACILITY NAME (1)<https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	PEMBROKE MINI-STORAGE	NPDES<https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCC241814
--	-----------------------	--	-----------

No Contacts Found.

Permit Tracking

FACILITY NAME (1)<https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	PEMBROKE MINI-STORAGE	NPDES<https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCC241814
PERMIT ISSUED BY<https://epa.gov/envirofacts/metadata/column/icis/icis_permit/issuing_agency>		ORIGINAL DATE OF ISSUE<https://epa.gov/envirofacts/metadata/column/icis/icis_permit/original_issue_date>	13-JUN-2024
PERMIT ISSUED DATE<https://epa.gov/envirofacts/metadata/column/icis/icis_permit/issue_date>	13-JUN-2024	PERMIT EXPIRED DATE<https://epa.gov/envirofacts/metadata/column/icis/icis_permit/expiration_date>	31-MAR-2029
EFFECTIVE DATE<https://epa.gov/envirofacts/metadata/column/icis/icis_permit/effective_date>	13-JUN-2024	RETIREMENT DATE<https://epa.gov/envirofacts/metadata/column/icis/icis_permit/retirement_date>	

Permit Tracking Events

Event Description<https://epa.gov/envirofacts/metadata/column/icis/icis_perm_track_event/perm_track_event_code>	Event Date<https://epa.gov/envirofacts/metadata/column/icis/icis_perm_track_event/track_event_date>
Permit Expiration	31-MAR-2029
Permit Effective	13-JUN-2024
Permit Issued	13-JUN-2024

Inspections

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	PEMBROKE MINI-STORAGE	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCC241814
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No Inspections Found.

Outfalls/Pipe Schedules

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	PEMBROKE MINI-STORAGE	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCC241814
OUTFALL TYPE <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature/perm_feature_type_code>		PIPE NUMBER <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature/perm_feature_nmbr>	
ACTIVITY STATUS <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/status/status_flag>		REPORT DESIGNATOR <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/limit_set_designator>	
LATITUDE <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature_coord/latitude_measure>		LONGITUDE <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature_coord/longitude_measure>	
LAT/LON ACCURACY <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature_coord/horizontal_accuracy_measure>		LAT/LON METHOD <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature_coord/horizontal_collect_method_code>	
LAT/LON SCALE <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature_coord/source_map_scale_nmbr>		LAT/LON DATUM <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature_coord/horizontal_ref_datum_code>	
INACTIVE DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_comp_status/status_end_date>		USGS HYDRO BASIN CODE <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/huc_code>	
INIT DMR DUE DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set_schedule/initial_dmr_due_date>		SUBMISSION UNITS <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/report_frequency_code>	
PIPE DESCRIPTION <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature/perm_feature_text>		UNITS IN SUBM. PERIOD <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set_schedule/nmbr_of_submission>	
INIT REPORTING DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set_schedule/initial_monitoring_date>		REPORTING UNITS <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/report_frequency_code>	
UNITS IN REPORTING PERIOD <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set_schedule/nmbr_of_report>		DMR COMMENT <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/dmr_comment_text>	

Limits Report (Pipes)

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	PEMBROKE MINI-STORAGE	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCC241814
PIPE NUMBER <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature/perm_feature_nmbr>			
PIPE DESCRIPTION <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature/perm_feature_text>		REPORT DESIGNATOR <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/limit_set_designator>	
DMR COMMENT <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/dmr_comment_text>		LIMIT SET TYPE <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/limit_set_type_code>	

No ICIS Limits Report Found.

Limits Report (Dockets) —

No ICIS Limits Information Found.

Measurements and Violations —

No ICIS Measurements Information Found.

Compliance Schedules and Violations —

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	PEMBROKE MINI-STORAGE	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCC241814
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No Compliance Schedules Found.

No Compliance Violations Found.

Pretreatment Inspections/Audits —

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	PEMBROKE MINI-STORAGE	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCC241814
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No ICIS Pretreatment Inspections Found.

Pretreatment Performance Summary —

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	PEMBROKE MINI- STORAGE	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCC241814
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No ICIS Pretreatment Performance Summary Information Found.



Detailed Facility Report

Facility Summary

PEMBROKE MINI-STORAGE

NC 711, PEMBROKE, NC 28372

FRS (Facility Registry Service) ID: 110071913044

EPA Region: 04

Latitude: 34.6858

Longitude: -79.2089

Locational Data Source: NPDES

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	CWA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	--
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	--
Formal Enforcement Actions (5 years)	--
Penalties from Formal Enforcement Actions (5 years)	--
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): Non-Major, Permit Effective (NCC241814)

Resource Conservation and Recovery Act (RCRA): No Information

Safe Drinking Water Act (SDWA): No Information

Go To Enforcement/Compliance Details

Known Data Problems <<https://epa.gov/resources/echo-data/known-data-problems>>

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Compliance and Emissions Data Reporting Interface (CEDRI): No Information

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110071913044					N	34.6858	-79.2089
ICIS-NPDES	CWA	NCC241814	Non-Major: General Permit Covered Facility	Effective		03/31/2029	N	34.6858	-79.2089

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110071913044	PEMBROKE MINI-STORAGE	NC 711, PEMBROKE, NC 28372	Robeson County
ICIS-NPDES	CWA	NCC241814	PEMBROKE MINI-STORAGE	NC 711, PEMBROKE, NC 28372	

System	Identifier	SIC Code	SIC Description
ICIS-NPDES	NCC241814	1542	Nonresidential Construction

Identifier	Effluent Guideline (40 CFR Part)	Effluent Guideline Description
NCC241814	450	Construction and development point source category

System	Identifier	NAICS Code	NAICS Description
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Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
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Enforcement and Compliance

Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
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Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy <<https://www.epa.gov/compliance/compliance-monitoring-programs>> activities or because they are not counted as inspections within EPA's Annual Results <<https://www.epa.gov/enforcement/enforcement-data-and-results>>.

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CWA	NCC241814	No	03/31/2026	0	07/31/2026

[illegible]

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
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No data records returned

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions

Last 5 Years

Statute	System	Law/ Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	Issued/ Filed Date	Settlements/ Actions	Settlement/ Action Date	Federal Penalty Assessed	State/ Local Penalty Assessed	Penalty Amount Collected	SEP Value	Comp Action Cost
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No data records returned

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
030402030403	Mill Branch-Lumber River	--	No	No	--	Yes

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Ecological Use	Fish Consumption Use	Recreation Use	Other Use
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No data records returned

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
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No data records returned

Pollutants

Toxics Release Inventory History of Reported Chemicals Released or Transferred in Pounds per Year at Site

TRI Facility ID	Year	Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Disposal to Land	Total On-Site Releases	Total Off-Site Transfers
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No data records returned

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name

NPDES ID	Description
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No data records returned

Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2023 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA’s spatial processing methodology considers the overlap between the selected radii and ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <<https://epa.gov/help/reports/dfr-data-dictionary#demographic>>.

General Statistics (ACS (American Community Survey))	
Total Persons	1,915
Population Density	610/sq.mi.
Housing Units in Area	778
Percent People of Color	70%
Households in Area	678
Households on Public Assistance	26
Persons With Low Income	990
Percent With Low Income	52%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	34.6858
Center Longitude	-79.2089
Total Area	3.14 sq.mi.
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	38 (5.61%)
\$15,000 - \$25,000	78 (11.52%)
\$25,000 - \$50,000	313 (46.23%)
\$50,000 - \$75,000	136 (20.09%)
Greater than \$75,000	112 (16.54%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	215 (11%)
Minors 17 years and younger	502 (26%)
Adults 18 years and older	1,412 (74%)
Seniors 65 years and older	237 (12%)

Race Breakdown (ACS (American Community Survey)) - Persons (%)	
White	584 (30%)
African-American	767 (40%)
Hispanic-Origin	30 (2%)
Asian	0 (0%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	434 (23%)
Other/Multiracial	128 (7%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	47 (3.73%)
9th through 12th Grade	200 (15.87%)
High School Diploma	466 (36.98%)
Some College/2-year	244 (19.37%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	56 (4.44%)

ICIS Detailed Report

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Facility

FACILITY NAME (1) < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name >	UNCP-CAMPUS RECREATION/BASEBALL- SOFTBALL OUTDOOR COMPLEX	NPDES < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr >	NCC240697
STREET 1 < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/location_address >	UNIVERSITY DRIVE	SIC CODE < https://epa.gov/envirofacts/metadata/column/icis/xref_facility_interest_sic/sic_code >	9999 = Nonclassifiable Establishments
CITY < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/city >	PEMBROKE	MAJOR / MINOR < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/major_minor_status_flag >	N
COUNTY NAME < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/county_code >		TYPE OF OWNERSHIP < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_type_code >	State Government
STATE < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/state_code >	NC	ACTIVITY STATUS < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/permit_status_code >	Terminated
ZIP CODE < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/zip >	28372	INACTIVE DATE < https://epa.gov/envirofacts/metadata/column/icis/icis_perm_comp_status/status_end_date >	
REGION < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/epa_region_code >	Region 4	TYPE OF PERMIT ISSUED < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/permit_type_code >	General Permit Covered Facility
LATITUDE < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/geocode_latitude >	34.6919	ORIGINAL PERMIT ISSUE DATE < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/original_issue_date >	01-APR-2024
LONGITUDE < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/geocode_longitude >	-79.2002	PERMIT ISSUED DATE < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/issue_date >	01-APR-2024
LAT/LON CODE OF ACCURACY < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/horizontal_accuracy_measure >	50	PERMIT EXPIRED DATE < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/expiration_date >	31-MAR-2029

LAT/LON METHOD <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/horizontal_collect_method_code>			
LAT/LON SCALE <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/source_map_scale_nmbr>		USGS HYDRO BASIN CODE <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/huc_code>	
LAT/LON DATUM <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/horizontal_ref_datum_code>		FLOW <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/total_design_flow_nmbr>	0
RECEIVING WATERS <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/state_water_body_name>		FEDERAL GRANT IND <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/federal_grant_flag>	
PRETREATMENT CODE <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_pretreatment/pretreatment_indicator_code>		SLUDGE CLASS FAC IND <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/facility_type_indicator>	NON-POTW
MAILING NAME <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/primary_name>	UNCP CAMPUS RECREATION BASEBALL SOFTBALL OUTDOOR COMPLEX	SLUDGE RELATED PERMIT NUM <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_association/related_external_permit_nmbr>	
MAILING STREET (1) <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/location_address>	UNIVERSITY DRIVE	ANNUAL DRY SLUDGE PROD <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_biosolid/total_volume_amt>	
MAILING STREET (2) <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/supplemental_location>			
MAILING CITY <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/city_name>	PEMBROKE		
MAILING STATE <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/state_name>	NORTH CAROLINA		
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Activity

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	UNCP-CAMPUS RECREATION/BASEBALL- SOFTBALL OUTDOOR COMPLEX	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCC240697
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Activity Name <https://epa.gov/envirofacts/metadata/column/icis/icis_activity_report/activity_name>	Activity Type Description <https://epa.gov/envirofacts/metadata/column/icis/ref_activity_type/activity_type_desc>	Activity Status Description <https://epa.gov/envirofacts/metadata/column/icis/icis_activity_report/activity_status_desc>
	Permit	Active



Contacts

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	UNCP-CAMPUS RECREATION/BASEBALL-SOFTBALL OUTDOOR COMPLEX	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCC240697
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No Contacts Found.

Permit Tracking

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	UNCP-CAMPUS RECREATION/BASEBALL-SOFTBALL OUTDOOR COMPLEX	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCC240697
PERMIT ISSUED BY <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/issuing_agency>		ORIGINAL DATE OF ISSUE <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/original_issue_date>	01-APR-2024
PERMIT ISSUED DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/issue_date>	01-APR-2024	PERMIT EXPIRED DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/expiration_date>	31-MAR-2029
EFFECTIVE DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/effective_date>	01-APR-2024	RETIREMENT DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/retirement_date>	

Permit Tracking Events

Event Description <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_track_event/perm_track_event_code>	Event Date <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_track_event/track_event_date>
Permit Expiration	31-MAR-2029
Permit Termination	26-MAR-2026
Permit Effective	01-APR-2024
Permit Issued	01-APR-2024

Inspections

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	UNCP-CAMPUS RECREATION/BASEBALL- SOFTBALL OUTDOOR COMPLEX	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCC240697
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No Inspections Found.

Outfalls/Pipe Schedules

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	UNCP-CAMPUS RECREATION/BASEBALL -SOFTBALL OUTDOOR COMPLEX	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCC240697
OUTFALL TYPE <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature/perm_feature_type_code>		PIPE NUMBER <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature/perm_feature_nmbr>	
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LATITUDE <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature_coord/latitude_measure>		LONGITUDE <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature_coord/longitude_measure>	
LAT/LON ACCURACY <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature_coord/horizontal_accuracy_measure>		LAT/LON METHOD <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature_coord/horizontal_collect_method_code>	
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UNITS IN REPORTING PERIOD <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set_schedule/nmbr_of_report>		DMR COMMENT <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/dmr_comment_text>	

Limits Report (Pipes)

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	UNCP-CAMPUS RECREATION/BASEBALL-SOFTBALL OUTDOOR COMPLEX	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCC240697
PIPE NUMBER <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature/perm_feature_nmbr>			
PIPE DESCRIPTION <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature/perm_feature_text>		REPORT DESIGNATOR <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/limit_set_designator>	
DMR COMMENT <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/dmr_comment_text>		LIMIT SET TYPE <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/limit_set_type_code>	

No ICIS Limits Report Found.

Limits Report (Dockets)

—

No ICIS Limits Information Found.

Measurements and Violations

—

No ICIS Measurements Information Found.

Compliance Schedules and Violations

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FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	UNCP-CAMPUS RECREATION/BASEBALL-SOFTBALL OUTDOOR COMPLEX	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCC240697
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No Compliance Schedules Found.

No Compliance Violations Found.

Pretreatment Inspections/Audits

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FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	UNCP-CAMPUS RECREATION/BASEBALL-SOFTBALL OUTDOOR COMPLEX	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCC240697
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No ICIS Pretreatment Inspections Found.

Pretreatment Performance Summary

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FACILITY NAME (1) < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name >	UNCP-CAMPUS RECREATION/BASEBALL- SOFTBALL OUTDOOR COMPLEX	NPDES < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr >	NCC240697
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No ICIS Pretreatment Performance Summary Information Found.

Contact Us <<https://www.epa.gov/enviro/forms/contact-us-about-envirofacts>> to ask a question, provide feedback, or report a problem.

Last updated on September 1, 2026

ICIS Detailed Report

Home <<https://epa.gov/>> | Multisystem Search <<https://epa.gov/envirofacts/multisystem/search>> | Topic Searches <<https://www.epa.gov/enviro/topic-searches>> | System Data Searches <<https://www.epa.gov/enviro/system-data-searches>> | About the Data <<https://www.epa.gov/enviro/about-data>> | Data Downloads <<https://www.epa.gov/enviro/data-downloads>> | Widgets <<https://www.epa.gov/enviro/widgets>> | Services <<https://www.epa.gov/enviro/web-services>> | Mobile <<https://www.epa.gov/enviro/uv-index-mobile-app>> | Other Datasets <<https://www.epa.gov/enviro/other-datasets>>

Facility

FACILITY NAME (1) < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name >	PEMBROKE STUDENT HOUSING, PHASE 1	NPDES < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr >	NCC204278
STREET 1 < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/location_address >	696 PROSPECT ROAD	SIC CODE < https://epa.gov/envirofacts/metadata/column/icis/xref_facility_interest_sic/sic_code >	1522 = Residential Construction
CITY < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/city >	PEMBROKE	MAJOR / MINOR < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/major_minor_status_flag >	N
COUNTY NAME < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/county_code >		TYPE OF OWNERSHIP < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_type_code >	Privately Owned Facility
STATE < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/state_code >	NC	ACTIVITY STATUS < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/permit_status_code >	Effective
ZIP CODE < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/zip >	28372	INACTIVE DATE < https://epa.gov/envirofacts/metadata/column/icis/icis_perm_comp_status/status_end_date >	
REGION < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/epa_region_code >	Region 4	TYPE OF PERMIT ISSUED < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/permit_type_code >	General Permit Covered Facility
LATITUDE < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/geocode_latitude >	34.6946	ORIGINAL PERMIT ISSUE DATE < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/original_issue_date >	01-APR-2024
LONGITUDE < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/geocode_longitude >	-79.1978	PERMIT ISSUED DATE < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/issue_date >	01-APR-2024

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LAT/LON SCALE <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/source_map_scale_nmbr>		USGS HYDRO BASIN CODE <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/huc_code>	
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PRETREATMENT CODE <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_pretreatment/pretreatment_indicator_code>		SLUDGE CLASS FAC IND <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/facility_type_indicator>	NON-POTW
MAILING NAME <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/primary_name>	PEMBROKE STUDENT HOUSING PHASE 1	SLUDGE RELATED PERMIT NUM <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_association/related_external_permit_nmbr>	
MAILING STREET (1) <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/location_address>	696 PROSPECT ROAD	ANNUAL DRY SLUDGE PROD <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_biosolid/total_volume_amt>	
MAILING STREET (2) <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/supplemental_location>			
MAILING CITY <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/city_name>	PEMBROKE		
MAILING STATE <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/state_name>	NORTH CAROLINA		
MAILING ZIP CODE <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/postal_code>	28372		
COGNIZANT OFFICIAL <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/dmr_cognizant_official>		COGNIZANT OFFICIAL TEL <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/dmr_cognizant_offcl_telephone>	

Activity



Contacts

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	PEMBROKE STUDENT HOUSING, PHASE 1	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCC204278
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No Contacts Found.

Permit Tracking

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	PEMBROKE STUDENT HOUSING, PHASE 1	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCC204278
PERMIT ISSUED BY <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/issuing_agency>		ORIGINAL DATE OF ISSUE <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/original_issue_date>	01-APR-2024
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EFFECTIVE DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/effective_date>	01-APR-2024	RETIREMENT DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/retirement_date>	

Permit Tracking Events

Event Description <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_track_event/perm_track_event_code>	Event Date <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_track_event/track_event_date>
Permit Expiration	31-MAR-2029
Permit Effective	01-APR-2024
Permit Issued	01-APR-2024

Inspections

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	PEMBROKE STUDENT HOUSING, PHASE 1	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCC204278
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No Inspections Found.

Outfalls/Pipe Schedules

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	PEMBROKE STUDENT HOUSING, PHASE 1	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCC204278
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INACTIVE DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_comp_status/status_end_date>		USGS HYDRO BASIN CODE <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/huc_code>	
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INIT REPORTING DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set_schedule/initial_monitoring_date>		REPORTING UNITS <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/report_frequency_code>	
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Limits Report (Pipes)

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Limits Report (Dockets)

—

No ICIS Limits Information Found.

Measurements and Violations

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No ICIS Measurements Information Found.

Compliance Schedules and Violations

FACILITY NAME (1) < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name >	PEMBROKE STUDENT HOUSING, PHASE 1	NPDES < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr >	NCC204278
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No Compliance Schedules Found.

No Compliance Violations Found.

Pretreatment Inspections/Audits

FACILITY NAME (1) < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name >	PEMBROKE STUDENT HOUSING, PHASE 1	NPDES < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr >	NCC204278
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No ICIS Pretreatment Inspections Found.

Pretreatment Performance Summary

FACILITY NAME (1) < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name >	PEMBROKE STUDENT HOUSING, PHASE 1	NPDES < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr >	NCC204278
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No ICIS Pretreatment Performance Summary Information Found.

ICIS Detailed Report

Home <<https://epa.gov/>> | Multisystem Search <<https://epa.gov/envirofacts/multisystem/search>> | Topic Searches <<https://www.epa.gov/enviro/topic-searches>> | System Data Searches <<https://www.epa.gov/enviro/system-data-searches>> | About the Data <<https://www.epa.gov/enviro/about-data>> | Data Downloads <<https://www.epa.gov/enviro/data-downloads>> | Widgets <<https://www.epa.gov/enviro/widgets>> | Services <<https://www.epa.gov/enviro/web-services>> | Mobile <<https://www.epa.gov/enviro/uv-index-mobile-app>> | Other Datasets <<https://www.epa.gov/enviro/other-datasets>>

Facility

FACILITY NAME (1) < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name >	TRANSPORTATION INVESTMENT FOR REVITALIZATION	NPDES < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr >	NCC222726
STREET 1 < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/location_address >	NC711, SR1563, 2ND STREET, RAILROAD STREET, COLLEG	SIC CODE < https://epa.gov/envirofacts/metadata/column/icis/xref_facility_interest_sic/sic_code >	1611 = Highway And Street Construction
CITY < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/city >	PEMBROKE	MAJOR / MINOR < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/major_minor_status_flag >	N
COUNTY NAME < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/county_code >		TYPE OF OWNERSHIP < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_type_code >	Municipal or Water District
STATE < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/state_code >	NC	ACTIVITY STATUS < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/permit_status_code >	Effective
ZIP CODE < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/zip >	28372	INACTIVE DATE < https://epa.gov/envirofacts/metadata/column/icis/icis_perm_comp_status/status_end_date >	
REGION < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/epa_region_code >	Region 4	TYPE OF PERMIT ISSUED < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/permit_type_code >	General Permit Covered Facility
LATITUDE < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/geocode_latitude >	34.678	ORIGINAL PERMIT ISSUE DATE < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/original_issue_date >	01-APR-2024
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LAT/LON DATUM <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/horizontal_ref_datum_code>		FLOW <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/total_design_flow_nmbr>	0
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MAILING NAME <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/primary_name>	TRANSPORTATION INVESTMENT FOR REVITALIZATION	SLUDGE RELATED PERMIT NUM <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_association/related_external_permit_nmbr>	
MAILING STREET (1) <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/location_address>	NC711 SR1563 2ND STREET RAILROAD STREET COLLEG	ANNUAL DRY SLUDGE PROD <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_biosolid/total_volume_amt>	
MAILING STREET (2) <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/supplemental_location>			
MAILING CITY <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/city_name>	PEMBROKE		
MAILING STATE <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/state_name>	NORTH CAROLINA		
MAILING ZIP CODE <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/postal_code>	28372		
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Activity

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	TRANSPORTATION INVESTMENT FOR REVITALIZATION	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCC222726
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Activity Name <https://epa.gov/envirofacts/metadata/column/icis/icis_activity_report/activity_name>	Activity Type Description <https://epa.gov/envirofacts/metadata/column/icis/ref_activity_type/activity_type_desc>	Activity Status Description <https://epa.gov/envirofacts/metadata/column/icis/icis_activity_report/activity_status_des
	Permit	Active



Contacts

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	TRANSPORTATION INVESTMENT FOR REVITALIZATION	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCC222726
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No Contacts Found.

Permit Tracking

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	TRANSPORTATION INVESTMENT FOR REVITALIZATION	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCC222726
PERMIT ISSUED BY <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/issuing_agency>		ORIGINAL DATE OF ISSUE <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/original_issue_date>	01-APR- 2024
PERMIT ISSUED DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/issue_date>	01-APR-2024	PERMIT EXPIRED DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/expiration_date>	31-MAR- 2029
EFFECTIVE DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/effective_date>	01-APR-2024	RETIREMENT DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/retirement_date>	

Permit Tracking Events

Event Description <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_track_event/perm_track_event_code>	Event Date <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_track_event/track_event_date>
Permit Expiration	31-MAR-2029
Permit Effective	01-APR-2024
Permit Issued	01-APR-2024

Inspections

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	TRANSPORTATION INVESTMENT FOR REVITALIZATION	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCC222726
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No Inspections Found.

Outfalls/Pipe Schedules

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	TRANSPORTATION INVESTMENT FOR REVITALIZATION	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCC222726
OUTFALL TYPE <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature/perm_feature_type_code>		PIPE NUMBER <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature/perm_feature_nmbr>	
ACTIVITY STATUS <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/status_flag>		REPORT DESIGNATOR <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/limit_set_designator>	
LATITUDE <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature_coord/latitude_measure>		LONGITUDE <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature_coord/longitude_measure>	
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INACTIVE DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_comp_status/status_end_date>		USGS HYDRO BASIN CODE <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/huc_code>	
INIT DMR DUE DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set_schedule/initial_dmr_due_date>		SUBMISSION UNITS <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/report_frequency_code>	
PIPE DESCRIPTION <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature/perm_feature_text>		UNITS IN SUBM. PERIOD <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set_schedule/nmbr_of_submission>	
INIT REPORTING DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set_schedule/initial_monitoring_date>		REPORTING UNITS <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/report_frequency_code>	
UNITS IN REPORTING PERIOD <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set_schedule/nmbr_of_report>		DMR COMMENT <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/dmr_comment_text>	

Limits Report (Pipes)

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	TRANSPORTATION INVESTMENT FOR REVITALIZATION	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCC222726
PIPE NUMBER <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature/perm_feature_nmbr>			
PIPE DESCRIPTION <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature/perm_feature_text>		REPORT DESIGNATOR <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/limit_set_designator>	
DMR COMMENT <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/dmr_comment_text>		LIMIT SET TYPE <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/limit_set_type_code>	

No ICIS Limits Report Found.

Limits Report (Dockets)

No ICIS Limits Information Found.

Measurements and Violations

No ICIS Measurements Information Found.

Compliance Schedules and Violations

FACILITY NAME (1) < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name >	TRANSPORTATION INVESTMENT FOR REVITALIZATION	NPDES < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr >	NCC222726
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No Compliance Schedules Found.

No Compliance Violations Found.

Pretreatment Inspections/Audits

FACILITY NAME (1) < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name >	TRANSPORTATION INVESTMENT FOR REVITALIZATION	NPDES < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr >	NCC222726
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No ICIS Pretreatment Inspections Found.

Pretreatment Performance Summary

FACILITY NAME (1) < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name >	TRANSPORTATION INVESTMENT FOR REVITALIZATION	NPDES < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr >	NCC222726
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No ICIS Pretreatment Performance Summary Information Found.

ICIS Detailed Report

Home <<https://epa.gov/>> | Multisystem Search <<https://epa.gov/envirofacts/multisystem/search>> | Topic Searches <<https://www.epa.gov/enviro/topic-searches>> | System Data Searches <<https://www.epa.gov/enviro/system-data-searches>> | About the Data <<https://www.epa.gov/enviro/about-data>> | Data Downloads <<https://www.epa.gov/enviro/data-downloads>> | Widgets <<https://www.epa.gov/enviro/widgets>> | Services <<https://www.epa.gov/enviro/web-services>> | Mobile <<https://www.epa.gov/enviro/uv-index-mobile-app>> | Other Datasets <<https://www.epa.gov/enviro/other-datasets>>

Facility

FACILITY NAME (1) < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name >	TRACTOR SUPPLY PEMBROKE	NPDES < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr >	NCC250985
STREET 1 < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/location_address >	8141 NC HWY 711	SIC CODE < https://epa.gov/envirofacts/metadata/column/icis/xref_facility_interest_sic/sic_code >	1542 = Nonresidential Construction
CITY < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/city >	PEMBROKE	MAJOR / MINOR < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/major_minor_status_flag >	N
COUNTY NAME < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/county_code >		TYPE OF OWNERSHIP < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_type_code >	Privately Owned Facility
STATE < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/state_code >	NC	ACTIVITY STATUS < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/permit_status_code >	Terminated
ZIP CODE < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/zip >	28372	INACTIVE DATE < https://epa.gov/envirofacts/metadata/column/icis/icis_perm_comp_status/status_end_date >	
REGION < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/epa_region_code >	Region 4	TYPE OF PERMIT ISSUED < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/permit_type_code >	General Permit Covered Facility
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LONGITUDE < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/geocode_longitude >	-79.183142	PERMIT ISSUED DATE < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/issue_date >	04-APR-2025
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MAILING NAME <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/primary_name>	TRACTOR SUPPLY PEMBROKE	SLUDGE RELATED PERMIT NUM <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_association/related_external_permit_nmbr>	
MAILING STREET (1) <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/location_address>	8141 NC HWY 711	ANNUAL DRY SLUDGE PROD <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_biosolid/total_volume_amt>	
MAILING STREET (2) <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/supplemental_location>			
MAILING CITY <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/city_name>	PEMBROKE		
MAILING STATE <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/state_name>	NORTH CAROLINA		
MAILING ZIP CODE <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/postal_code>	28372		
COGNIZANT OFFICIAL <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/dmr_cognizant_official>		COGNIZANT OFFICIAL TEL <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/dmr_cognizant_offcl_telephone>	

Activity

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	TRACTOR SUPPLY PEMBROKE	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCC250985
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Activity Name<https://epa.gov/envirofacts/metadata/column/icis/icis_activity_report/activity_name>	Activity Type Description<https://epa.gov/envirofacts/metadata/column/icis/ref_activity_type/activity_type_desc>	Activity Status Description<https://epa.gov/envirofacts/metadata/column/icis/icis_activity_report/activity_st
	Permit	Active



Contacts

FACILITY NAME (1)<https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	TRACTOR SUPPLY PEMBROKE	NPDES<https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCC250985
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No Contacts Found.

Permit Tracking

FACILITY NAME (1)<https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	TRACTOR SUPPLY PEMBROKE	NPDES<https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCC250985
PERMIT ISSUED BY<https://epa.gov/envirofacts/metadata/column/icis/icis_permit/issuing_agency>		ORIGINAL DATE OF ISSUE<https://epa.gov/envirofacts/metadata/column/icis/icis_permit/original_issue_date>	04-APR-2025
PERMIT ISSUED DATE<https://epa.gov/envirofacts/metadata/column/icis/icis_permit/issue_date>	04-APR-2025	PERMIT EXPIRED DATE<https://epa.gov/envirofacts/metadata/column/icis/icis_permit/expiration_date>	31-MAR-2029
EFFECTIVE DATE<https://epa.gov/envirofacts/metadata/column/icis/icis_permit/effective_date>	04-APR-2025	RETIREMENT DATE<https://epa.gov/envirofacts/metadata/column/icis/icis_permit/retirement_date>	

Permit Tracking Events

Event Description<https://epa.gov/envirofacts/metadata/column/icis/icis_perm_track_event/perm_track_event_code>	Event Date<https://epa.gov/envirofacts/metadata/column/icis/icis_perm_track_event/track_event_date>
Permit Expiration	31-MAR-2029
Permit Termination	09-DEC-2025
Permit Effective	04-APR-2025
Permit Issued	04-APR-2025

Inspections

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	TRACTOR SUPPLY PEMBROKE	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCC250985
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No Inspections Found.

Outfalls/Pipe Schedules

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	TRACTOR SUPPLY PEMBROKE	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCC250985
OUTFALL TYPE <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature/perm_feature_type_code>		PIPE NUMBER <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature/perm_feature_nmbr>	
ACTIVITY STATUS <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/status/status_flag>		REPORT DESIGNATOR <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/limit_set_designator>	
LATITUDE <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature_coord/latitude_measure>		LONGITUDE <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature_coord/longitude_measure>	
LAT/LON ACCURACY <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature_coord/horizontal_accuracy_measure>		LAT/LON METHOD <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature_coord/horizontal_collect_method_code>	
LAT/LON SCALE <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature_coord/source_map_scale_nmbr>		LAT/LON DATUM <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature_coord/horizontal_ref_datum_code>	
INACTIVE DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_comp_status/status_end_date>	08-DEC- 2025	USGS HYDRO BASIN CODE <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/huc_code>	
INIT DMR DUE DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set_schedule/initial_dmr_due_date>		SUBMISSION UNITS <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/report_frequency_code>	
PIPE DESCRIPTION <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature/perm_feature_text>		UNITS IN SUBM. PERIOD <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set_schedule/nmbr_of_submission>	
INIT REPORTING DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set_schedule/initial_monitoring_date>		REPORTING UNITS <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/report_frequency_code>	
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Limits Report (Pipes)

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	TRACTOR SUPPLY PEMBROKE	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCC250985
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DMR COMMENT <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/dmr_comment_text>		LIMIT SET TYPE <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/limit_set_type_code>	

No ICIS Limits Report Found.

Limits Report (Dockets) —

No ICIS Limits Information Found.

Measurements and Violations —

No ICIS Measurements Information Found.

Compliance Schedules and Violations —

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	TRACTOR SUPPLY PEMBROKE	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCC250985
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No Compliance Schedules Found.

No Compliance Violations Found.

Pretreatment Inspections/Audits —

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	TRACTOR SUPPLY PEMBROKE	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCC250985
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No ICIS Pretreatment Inspections Found.

Pretreatment Performance Summary —

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No ICIS Pretreatment Performance Summary Information Found.

ICIS Detailed Report

Home <<https://epa.gov/>> | Multisystem Search <<https://epa.gov/envirofacts/multisystem/search>> | Topic Searches <<https://www.epa.gov/enviro/topic-searches>> | System Data Searches <<https://www.epa.gov/enviro/system-data-searches>> | About the Data <<https://www.epa.gov/enviro/about-data>> | Data Downloads <<https://www.epa.gov/enviro/data-downloads>> | Widgets <<https://www.epa.gov/enviro/widgets>> | Services <<https://www.epa.gov/enviro/web-services>> | Mobile <<https://www.epa.gov/enviro/uv-index-mobile-app>> | Other Datasets <<https://www.epa.gov/enviro/other-datasets>>

Facility

FACILITY NAME (1) < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name >	CHAMPION HOMES 042	NPDES < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr >	NCG210516
STREET 1 < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/location_address >	349 E RAIL ROAD ST	SIC CODE < https://epa.gov/envirofacts/metadata/column/icis/xref_facility_interest_sic/sic_code >	
CITY < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/city >	PEMBROKE	MAJOR / MINOR < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/major_minor_status_flag >	N
COUNTY NAME < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/county_code >		TYPE OF OWNERSHIP < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_type_code >	Privately Owned Facility
STATE < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/state_code >	NC	ACTIVITY STATUS < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/permit_status_code >	Effective
ZIP CODE < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/zip >	28372	INACTIVE DATE < https://epa.gov/envirofacts/metadata/column/icis/icis_perm_comp_status/status_end_date >	
REGION < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/epa_region_code >	Region 4	TYPE OF PERMIT ISSUED < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/permit_type_code >	General Permit Covered Facility
LATITUDE < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/geocode_latitude >	34.6775	ORIGINAL PERMIT ISSUE DATE < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/original_issue_date >	17-JUL- 2025
LONGITUDE < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/geocode_longitude >	-79.1806	PERMIT ISSUED DATE < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/issue_date >	17-JUL- 2025
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LAT/LON DATUM <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/horizontal_ref_datum_code>		FLOW <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/total_design_flow_nmbr>	0
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MAILING STREET (1) <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/location_address>	349 E RAIL ROAD ST	ANNUAL DRY SLUDGE PROD <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_biosolid/total_volume_amt>	
MAILING STREET (2) <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/supplemental_location>			
MAILING CITY <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/city_name>	PEMBROKE		
MAILING STATE <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/state_name>	NORTH CAROLINA		
MAILING ZIP CODE <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/postal_code>	28372		
COGNIZANT OFFICIAL <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/dmr_cognizant_official>		COGNIZANT OFFICIAL TEL <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/dmr_cognizant_offcl_telephone>	

Activity

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	CHAMPION HOMES 042	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCG210516
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Activity Name<https://epa.gov/envirofacts/metadata/column/icis/icis_activity_report/activity_name>	Activity Type Description<https://epa.gov/envirofacts/metadata/column/icis/ref_activity_type/activity_type_desc>	Activity Status Description<https://epa.gov/envirofacts/metadata/column/icis/icis_activity_report/activ
	Permit	Active



Contacts

FACILITY NAME (1)<https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	CHAMPION HOMES 042	NPDES<https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCG210516
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No Contacts Found.

Permit Tracking

FACILITY NAME (1)<https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	CHAMPION HOMES 042	NPDES<https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCG210516
PERMIT ISSUED BY<https://epa.gov/envirofacts/metadata/column/icis/icis_permit/issuing_agency>		ORIGINAL DATE OF ISSUE<https://epa.gov/envirofacts/metadata/column/icis/icis_permit/original_issue_date>	17-JUL-2025
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EFFECTIVE DATE<https://epa.gov/envirofacts/metadata/column/icis/icis_permit/effective_date>	17-JUL-2025	RETIREMENT DATE<https://epa.gov/envirofacts/metadata/column/icis/icis_permit/retirement_date>	

Permit Tracking Events

Event Description<https://epa.gov/envirofacts/metadata/column/icis/icis_perm_track_event/perm_track_event_code>	Event Date<https://epa.gov/envirofacts/metadata/column/icis/icis_perm_track_event/track_event_date>
Permit Expiration	31-MAY-2028
Permit Effective	17-JUL-2025
Permit Issued	17-JUL-2025

Inspections

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	CHAMPION HOMES 042	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCG210516
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No Inspections Found.

Outfalls/Pipe Schedules

Limits Report (Pipes)

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	CHAMPION HOMES 042	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCG210516
PIPE NUMBER <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature/perm_feature_nmbr>	001		
PIPE DESCRIPTION <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature/perm_feature_text>		REPORT DESIGNATOR <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/limit_set_designator>	
DMR COMMENT <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/dmr_comment_text>		LIMIT SET TYPE <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/limit_set_type_code>	

No ICIS Limits Report Found.

Limits Report (Dockets)

Measurements and Violations

No ICIS Measurements Information Found.

Compliance Schedules and Violations

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	CHAMPION HOMES 042	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCG210516
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No Compliance Schedules Found.

No Compliance Violations Found.

Pretreatment Inspections/Audits

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	CHAMPION HOMES 042	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCG210516
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No ICIS Pretreatment Inspections Found.

Pretreatment Performance Summary

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	CHAMPION HOMES 042	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCG210516
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No ICIS Pretreatment Performance Summary Information Found.

ICIS Detailed Report

Home <<https://epa.gov/>> | Multisystem Search <<https://epa.gov/envirofacts/multisystem/search>> | Topic Searches <<https://www.epa.gov/enviro/topic-searches>> | System Data Searches <<https://www.epa.gov/enviro/system-data-searches>> | About the Data <<https://www.epa.gov/enviro/about-data>> | Data Downloads <<https://www.epa.gov/enviro/data-downloads>> | Widgets <<https://www.epa.gov/enviro/widgets>> | Services <<https://www.epa.gov/enviro/web-services>> | Mobile <<https://www.epa.gov/enviro/uv-index-mobile-app>> | Other Datasets <<https://www.epa.gov/enviro/other-datasets>>

Facility

FACILITY NAME (1) < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name >	UNC- PEMBROKE	NPDES < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr >	NCC260698
STREET 1 < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/location_address >	PROSPECT RD.	SIC CODE < https://epa.gov/envirofacts/metadata/column/icis/xref_facility_interest_sic/sic_code >	
CITY < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/city >	PEMBROKE	MAJOR / MINOR < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/major_minor_status_flag >	N
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STATE < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/state_code >	NC	ACTIVITY STATUS < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/permit_status_code >	Effective
ZIP CODE < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/zip >	28372	INACTIVE DATE < https://epa.gov/envirofacts/metadata/column/icis/icis_perm_comp_status/status_end_date >	
REGION < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/epa_region_code >	Region 4	TYPE OF PERMIT ISSUED < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/permit_type_code >	General Permit Covered Facility
LATITUDE < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/geocode_latitude >	34.694025	ORIGINAL PERMIT ISSUE DATE < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/original_issue_date >	02-APR-2026
LONGITUDE < https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/geocode_longitude >	-79.198401	PERMIT ISSUED DATE < https://epa.gov/envirofacts/metadata/column/icis/icis_permit/issue_date >	02-APR-2026
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LAT/LON DATUM <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/horizontal_ref_datum_code>		FLOW <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/total_design_flow_nmbr>	0
RECEIVING WATERS <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/state_water_body_name>		FEDERAL GRANT IND <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/federal_grant_flag>	
PRETREATMENT CODE <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_pretreatment/pretreatment_indicator_code>		SLUDGE CLASS FAC IND <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/facility_type_indicator>	NON-POTW
MAILING NAME <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/primary_name>	UNC PEMBROKE	SLUDGE RELATED PERMIT NUM <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_association/related_external_permit_nmbr>	
MAILING STREET (1) <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/location_address>	PROSPECT RD	ANNUAL DRY SLUDGE PROD <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_biosolid/total_volume_amt>	
MAILING STREET (2) <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/supplemental_location>			
MAILING CITY <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/city_name>	PEMBROKE		
MAILING STATE <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/state_name>	NORTH CAROLINA		
MAILING ZIP CODE <https://epa.gov/envirofacts/metadata/column/frs/frs_program_facility/postal_code>	28372		
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Activity

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	UNC-PEMBROKE	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCC260698
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Activity Name <https://epa.gov/envirofacts/metadata/column/icis/icis_activity_report/activity_name>	Activity Type Description <https://epa.gov/envirofacts/metadata/column/icis/ref_activity_type/activity_type_desc>	Activity Status Description <https://epa.gov/envirofacts/metadata/column/icis/icis_activity_report/activity_status_desc>
	Permit	Active



Contacts

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	UNC-PEMBROKE	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCC260698
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No Contacts Found.

Permit Tracking

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	UNC-PEMBROKE	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCC260698
PERMIT ISSUED BY <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/issuing_agency>		ORIGINAL DATE OF ISSUE <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/original_issue_date>	02-APR-2026
PERMIT ISSUED DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/issue_date>	02-APR-2026	PERMIT EXPIRED DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/expiration_date>	31-MAR-2029
EFFECTIVE DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/effective_date>	02-APR-2026	RETIREMENT DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/retirement_date>	

Permit Tracking Events

Event Description <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_track_event/perm_track_event_code>	Event Date <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_track_event/track_event_date>
Permit Expiration	31-MAR-2029
Permit Effective	02-APR-2026
Permit Issued	02-APR-2026

Inspections

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	UNC-PEMBROKE	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCC260698
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No Inspections Found.

Outfalls/Pipe Schedules

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	UNC-PEMBROKE	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCC260698
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OUTFALL TYPE <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature/perm_feature_type_code>		PIPE NUMBER <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature/perm_feature_nmbr>	
ACTIVITY STATUS <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set_status/status_flag>		REPORT DESIGNATOR <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/limit_set_designator>	
LATITUDE <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature_coord/latitude_measure>		LONGITUDE <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature_coord/longitude_measure>	
LAT/LON ACCURACY <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature_coord/horizontal_accuracy_measure>		LAT/LON METHOD <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature_coord/horizontal_collect_method_code>	
LAT/LON SCALE <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature_coord/source_map_scale_nmbr>		LAT/LON DATUM <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature_coord/horizontal_ref_datum_code>	
INACTIVE DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_comp_status/status_end_date>		USGS HYDRO BASIN CODE <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/huc_code>	
INIT DMR DUE DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set_schedule/initial_dmr_due_date>		SUBMISSION UNITS <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/report_frequency_code>	
PIPE DESCRIPTION <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature/perm_feature_text>		UNITS IN SUBM. PERIOD <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set_schedule/nmbr_of_submission>	
INIT REPORTING DATE <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set_schedule/initial_monitoring_date>		REPORTING UNITS <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/report_frequency_code>	
UNITS IN REPORTING PERIOD <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set_schedule/nmbr_of_report>		DMR COMMENT <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/dmr_comment_text>	

Limits Report (Pipes)

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	UNC- PEMBROKE	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCC260698
PIPE NUMBER <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature/perm_feature_nmbr>			
PIPE DESCRIPTION <https://epa.gov/envirofacts/metadata/column/icis/icis_perm_feature/perm_feature_text>		REPORT DESIGNATOR <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/limit_set_designator>	
DMR COMMENT <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/dmr_comment_text>		LIMIT SET TYPE <https://epa.gov/envirofacts/metadata/column/icis/icis_limit_set/limit_set_type_code>	

No ICIS Limits Report Found.

Limits Report (Dockets)

No ICIS Limits Information Found.

Measurements and Violations

No ICIS Measurements Information Found.

Compliance Schedules and Violations

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	UNC-PEMBROKE	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCC260698
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No Compliance Schedules Found.

No Compliance Violations Found.

Pretreatment Inspections/Audits

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	UNC-PEMBROKE	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCC260698
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No ICIS Pretreatment Inspections Found.

Pretreatment Performance Summary

FACILITY NAME (1) <https://epa.gov/envirofacts/metadata/column/icis/icis_facility_interest/facility_name>	UNC-PEMBROKE	NPDES <https://epa.gov/envirofacts/metadata/column/icis/icis_permit/external_permit_nmbr>	NCC260698
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No ICIS Pretreatment Performance Summary Information Found.

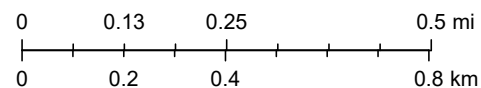
Pembroke Park - EPA Facilities with 3,000-foot Buffer



July 16, 2026

1:18,056

- | | |
|---|--|
|  Toxic Releases (TRI) |  Hazardous Waste (RCRAInfo) |
|  Water Dischargers (NPDES) |  Project Buffer |
|  Brownfields (ACRES) |  Pembroke Park |
|  Brownfields (ACRES) | |



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, NC CGIA, Vantor

Within 3000 feet of a PM10 (1987 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a CO Annual (1971 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a NO2 Annual (1971 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Federal Land?	no
Within 3000 feet of an impaired stream?	no
Within 3000 feet of an impaired waterbody?	no
Within 3000 feet of a waterbody?	no
Within 3000 feet of a stream?	yes
Within 3000 feet of an NWI wetland?	Available Online
Within 3000 feet of a Brownfields site?	yes
Within 3000 feet of a Superfund site?	no
Within 3000 feet of a Toxic Release Inventory (TRI) site?	yes
Within 3000 feet of a water discharger (NPDES)?	yes
Within 3000 feet of a hazardous waste (RCRA) facility?	yes
Within 3000 feet of an air emission facility?	no
Within 3000 feet of a school?	yes
Within 3000 feet of an airport?	no
Within 3000 feet of a hospital?	no
Within 3000 feet of a designated sole source aquifer?	no
Within 3000 feet of a historic property on the National Register of Historic Places?	yes
Within 3000 feet of a Chemical Data Reporting (CDR) site?	no
Within 3000 feet of a Land Cession Boundary?	no
Within 3000 feet of a tribal area (lower 48 states)?	no
Within 3000 feet of the service area of a mitigation or conservation bank?	yes
Within 3000 feet of the service area of an In-Lieu-Fee Program?	yes
Within 3000 feet of a Public Property Boundary of the Formerly Used Defense Sites?	no
Within 3000 feet of a Munitions Response Site?	no
Within 3000 feet of an Essential Fish Habitat (EFH)?	no
Within 3000 feet of a Habitat Area of Particular Concern (HAPC)?	no
Within 3000 feet of an EFH Area Protected from Fishing (EFHA)?	no
Within 3000 feet of a Bureau of Land Management Area of Critical Environmental Concern?	no
Within 3000 feet of an ESA-designated Critical Habitat Area per U.S. Fish & Wildlife Service?	no
Within 3000 feet of an ESA-designated Critical Habitat river, stream or water feature per U.S. Fish & Wildlife Service?	no

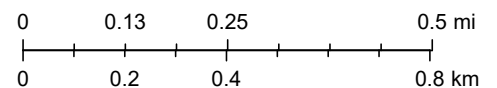
Pembroke Park - EPA Facilities with 0.5-mile Buffer



July 16, 2026

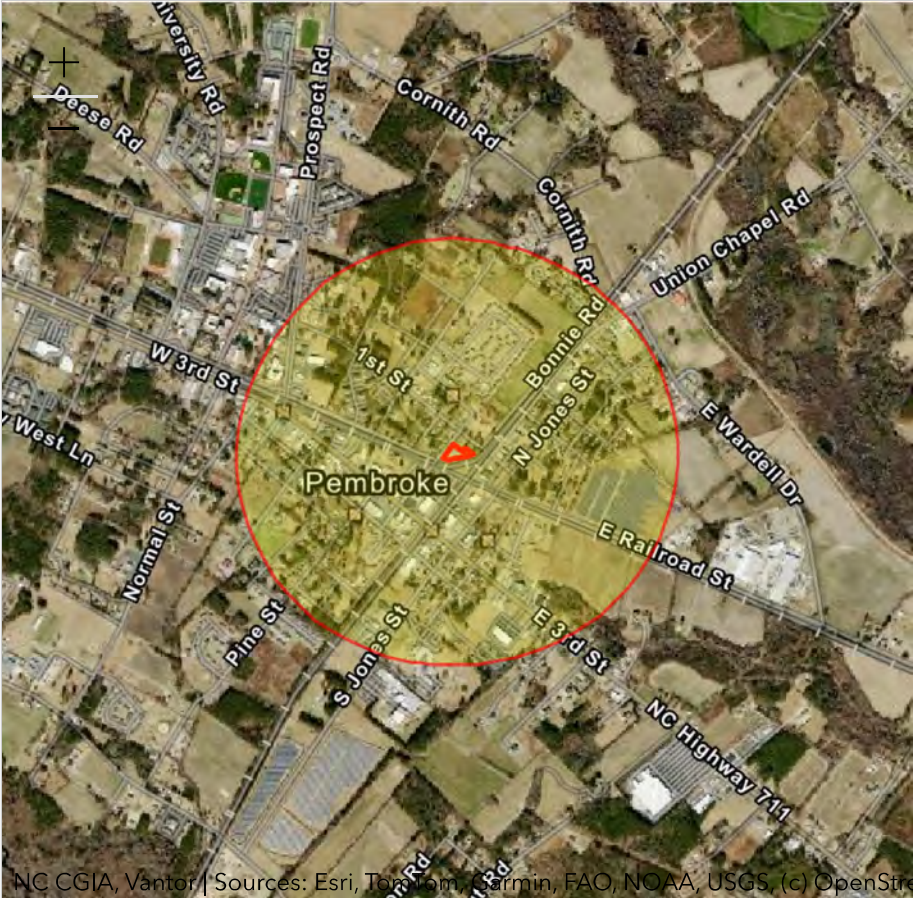
1:18,056

- | | | | |
|--|----------------------------|--|---------------------------|
| | Hazardous Waste (RCRAInfo) | | Water Dischargers (NPDES) |
| | Hazardous Waste (RCRAInfo) | | Toxic Releases (TRI) |
| | Brownfields (ACRES) | | Project Buffer |
| | Brownfields (ACRES) | | Pembroke Park |
| | Water Dischargers (NPDES) | | |



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, NC CGIA, Vantor

Within 0.5 miles of a PM10 (1987 standard) Non-Attainment/Maintenance Area?	no
Within 0.5 miles of a CO Annual (1971 standard) Non-Attainment/Maintenance Area?	no
Within 0.5 miles of a NO2 Annual (1971 standard) Non-Attainment/Maintenance Area?	no
Within 0.5 miles of a Federal Land?	no
Within 0.5 miles of an impaired stream?	no
Within 0.5 miles of an impaired waterbody?	no
Within 0.5 miles of a waterbody?	no
Within 0.5 miles of a stream?	yes
Within 0.5 miles of an NWI wetland?	Available Online
Within 0.5 miles of a Brownfields site?	yes
Within 0.5 miles of a Superfund site?	no
Within 0.5 miles of a Toxic Release Inventory (TRI) site?	yes
Within 0.5 miles of a water discharger (NPDES)?	yes
Within 0.5 miles of a hazardous waste (RCRA) facility?	yes
Within 0.5 miles of an air emission facility?	no
Within 0.5 miles of a school?	yes
Within 0.5 miles of an airport?	no
Within 0.5 miles of a hospital?	no
Within 0.5 miles of a designated sole source aquifer?	no
Within 0.5 miles of a historic property on the National Register of Historic Places?	no
Within 0.5 miles of a Chemical Data Reporting (CDR) site?	no
Within 0.5 miles of a Land Cession Boundary?	no
Within 0.5 miles of a tribal area (lower 48 states)?	no
Within 0.5 miles of the service area of a mitigation or conservation bank?	yes
Within 0.5 miles of the service area of an In-Lieu-Fee Program?	yes
Within 0.5 miles of a Public Property Boundary of the Formerly Used Defense Sites?	no
Within 0.5 miles of a Munitions Response Site?	no
Within 0.5 miles of an Essential Fish Habitat (EFH)?	no
Within 0.5 miles of a Habitat Area of Particular Concern (HAPC)?	no
Within 0.5 miles of an EFH Area Protected from Fishing (EFHA)?	no
Within 0.5 miles of a Bureau of Land Management Area of Critical Environmental Concern?	no
Within 0.5 miles of an ESA-designated Critical Habitat Area per U.S. Fish & Wildlife Service?	no
Within 0.5 miles of an ESA-designated Critical Habitat river, stream or water feature per U.S. Fish & Wildlife Service?	no



NC CGIA, Vantor | Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMa... Powered by Esri (<http://www.esri.com/>)

Report question: Within 0.5 miles of a Brownfields site? yes

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

0.5

miles

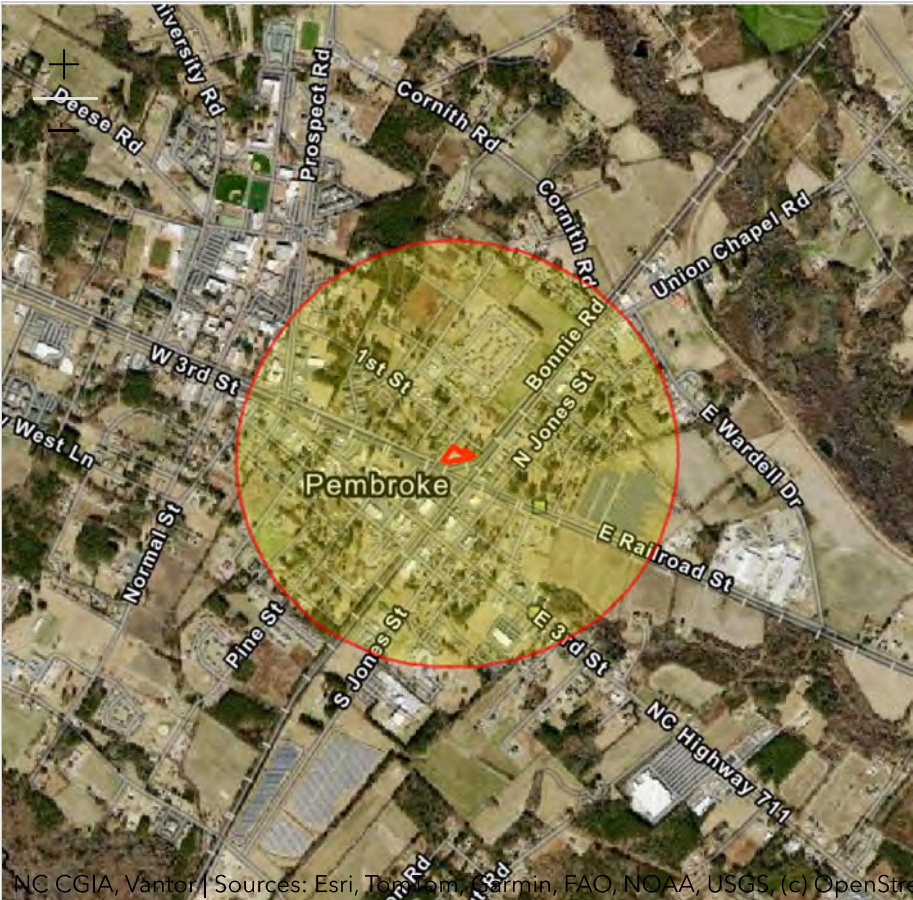
▼

Submit

Features within Study Area

Features found: 6

Name	Distance
☐ SHEFF S SEAFOOD COMPANY STORE (PEMBROKE,NC) (https://ofmpub.epa.gov/apex/cimc/f?p=CIMC:31::::Y,31,0:P31_ID:67441) p=CIMC:31::::Y,31,0:P31_ID:67441 registry_id: 110038718340 latitude: 34.67943 longitude: -79.1933 pgm_sys_acrnm: ACRES pgm_sys_id: 67441 primary_name: SHEFF S SEAFOOD COMPANY STORE location_address: 100 E 3RD ST city_name: PEMBROKE county_name: ROBESON state_code: NC epa_region: Region 04 postal_code: 28372 fips_code: huc_code: facility_url: https://ofmpub.epa.gov/apex/cimc/f?p=CIMC:31::::Y,31,0:P31_ID:67441 0.18 miles	



NC CGIA, Vantor | Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMa... Powered by Esri (<http://www.esri.com/>)

Report question: Within .5 miles of a hazardous waste (RCRA) facility? yes

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

0.5

miles

▼

Submit

Features within Study Area

Features found: 2

Name	Distance
☐ FLEETWOOD HOMES OF N C (PEMBROKE,NC) (https://enviro.epa.gov/envirofacts/rcrainfo/facility? handlerId=NCS000001398) registry_id: 110000350094 latitude: 34.680333 longitude: -79.188676 pgm_sys_acrnm: RCRAINFO pgm_sys_id: NCS000001398 primary_name: FLEETWOOD HOMES OF N C location_address: 349 EAST RAILROAD ST city_name: PEMBROKE county_name: ROBESON state_code: NC epa_region: Region 04 postal_code: 28372 fips_code: huc_code: facility_url: https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCS000001398	0.21 miles

Name

☐ WALGREENS 16119 (PEMBROKE,NC) ([https://enviro.epa.gov/envirofacts/rcrainfo/facility?](https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCR000186049)

[handlerId=NCR000186049](https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCR000186049))

registry_id: 110071737122

latitude: 34.676613

longitude: -79.188894

pgm_sys_acrnm: RCRAINFO

pgm_sys_id: NCR000186049

primary_name: WALGREENS 16119

location_address: 503 E 3RD ST

city_name: PEMBROKE

county_name: ROBESON

state_code: NC

epa_region:

postal_code: 28372

fips_code:

huc_code:

facility_url: <https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=NCR000186049>

Distance

0.41 miles

Name	Distance
☐ CHAVIS PROPERTY (PEMBROKE,NC) (https://ofmpub.epa.gov/apex/cimc/f?p=CIMC:31:::Y,31,0:P31_ID:90801) registry_id: 110039059372 latitude: 34.68112 longitude: -79.19582 pgm_sys_acrnm: ACRES pgm_sys_id: 90801 primary_name: CHAVIS PROPERTY location_address: 301 WEST THIRD STREET city_name: PEMBROKE county_name: ROBESON state_code: NC epa_region: Region 04 postal_code: 28372 fips_code: huc_code: facility_url: https://ofmpub.epa.gov/apex/cimc/f?p=CIMC:31:::Y,31,0:P31_ID:90801	0.18 miles
☐ DIAL TERRACE (PEMBROKE,NC) (https://ofmpub.epa.gov/apex/cimc/f?p=CIMC:31:::Y,31,0:P31_ID:109084) registry_id: 110071967612 latitude: 34.67999 longitude: -79.19657 pgm_sys_acrnm: ACRES pgm_sys_id: 109084 primary_name: DIAL TERRACE location_address: 401 PINE STREET city_name: PEMBROKE county_name: ROBESON state_code: NC epa_region: Region 04 postal_code: 28372 fips_code: huc_code: facility_url: https://ofmpub.epa.gov/apex/cimc/f?p=CIMC:31:::Y,31,0:P31_ID:109084	0.25 miles
☐ MAYNOR MANOR (PEMBROKE,NC) (https://ofmpub.epa.gov/apex/cimc/f?p=CIMC:31:::Y,31,0:P31_ID:109086) registry_id: 110071967614 latitude: 34.67907 longitude: -79.19088 pgm_sys_acrnm: ACRES pgm_sys_id: 109086 primary_name: MAYNOR MANOR location_address: 207 EAST SECOND STREET city_name: PEMBROKE county_name: ROBESON state_code: NC epa_region: Region 04 postal_code: 28372 fips_code: huc_code: facility_url: https://ofmpub.epa.gov/apex/cimc/f?p=CIMC:31:::Y,31,0:P31_ID:109086	0.21 miles
☐ STRICKLAND HEIGHTS (PEMBROKE,NC) (https://ofmpub.epa.gov/apex/cimc/f?p=CIMC:31:::Y,31,0:P31_ID:109087) registry_id: 110071967615 latitude: 34.68418 longitude: -79.19241 pgm_sys_acrnm: ACRES pgm_sys_id: 109087 primary_name: STRICKLAND HEIGHTS location_address: 304 GODWIN STREET city_name: PEMBROKE county_name: ROBESON state_code: NC epa_region: Region 04 postal_code: 28372 fips_code: huc_code: facility_url: https://ofmpub.epa.gov/apex/cimc/f?p=CIMC:31:::Y,31,0:P31_ID:109087	0.12 miles

Name**Distance**

☐ MICHAEL S PROPERTY (PEMBROKE,NC) (https://ofmpub.epa.gov/apex/cimc/f?p=CIMC:31::::Y,31,0:P31_ID:109089)

0.40 miles

p=CIMC:31::::Y,31,0:P31_ID:109089)

registry_id: 110071967616

latitude: 34.68362

longitude: -79.19965

pgm_sys_acrnm: ACRES

pgm_sys_id: 109089

primary_name: MICHAEL S PROPERTY

location_address: 601 WEST THIRD STREET

city_name: PEMBROKE

county_name: ROBESON

state_code: NC

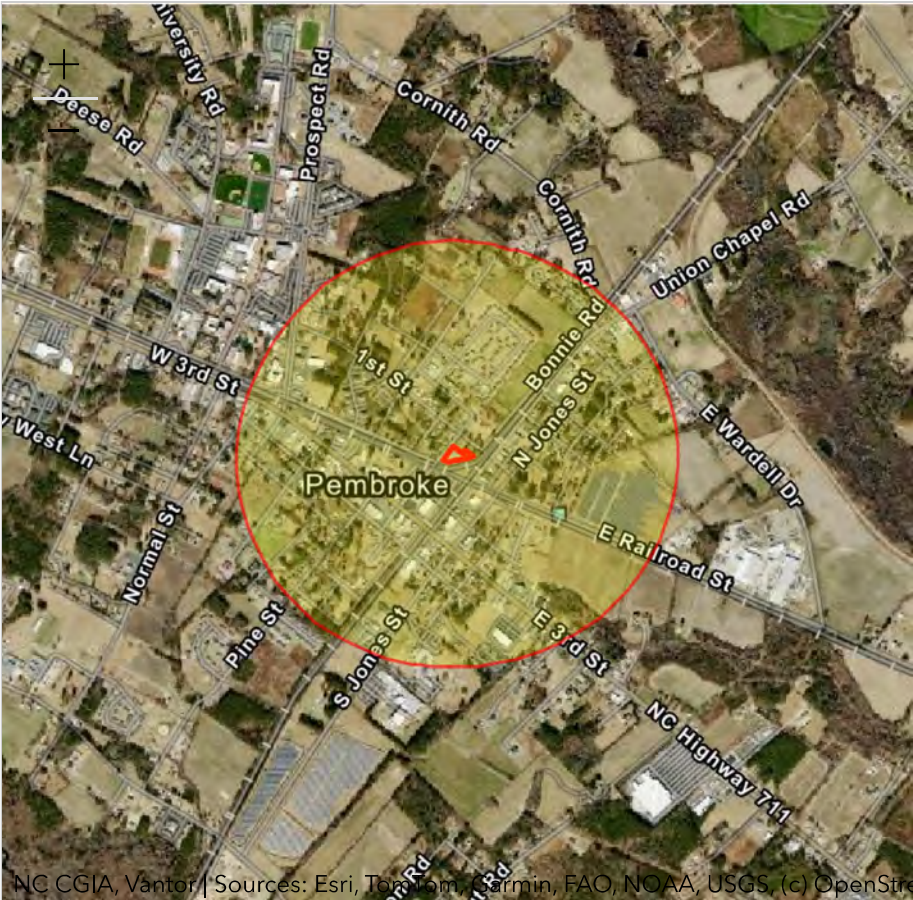
epa_region: Region 04

postal_code: 28372

fips_code:

huc_code:

facility_url: https://ofmpub.epa.gov/apex/cimc/f?p=CIMC:31::::Y,31,0:P31_ID:109089



NC CGIA, Vantor | Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMa... Powered by Esri (<http://www.esri.com/>)

Report question: Within 0.5 miles of a Toxic Release Inventory (TRI) site? yes

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

0.5

miles

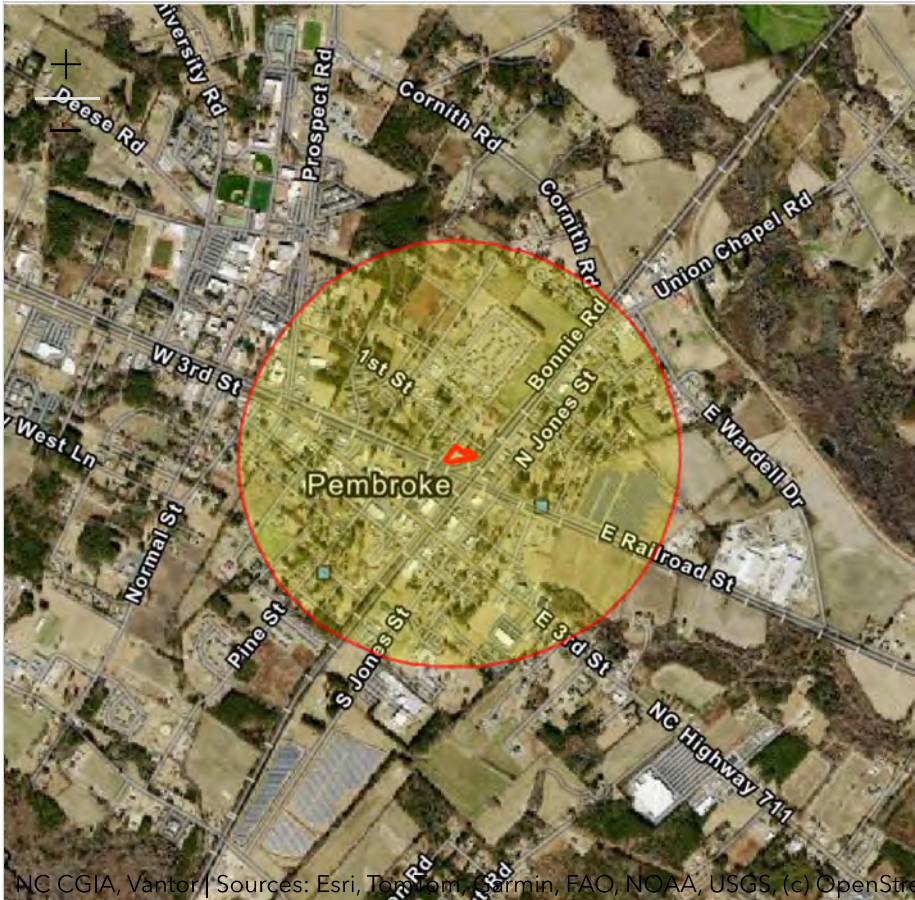
▼

Submit

Features within Study Area

Features found: 1

Name	Distance
☐ FLEETWOOD HOMES OF NORTH CAROLINA INC 41 (PEMBROKE,NC) (https://enviro.epa.gov/facts/tri/ef-facilities/#/Facility/28372FLTWDERAIL) registry_id: 110000350094 latitude: 34.680333 longitude: -79.188676 pgm_sys_acrnm: TRIS pgm_sys_id: 28372FLTWDERAIL primary_name: FLEETWOOD HOMES OF NORTH CAROLINA INC 41 location_address: 349 E RAILROAD AVE city_name: PEMBROKE county_name: ROBESON state_code: NC epa_region: Region 04 postal_code: 28372 fips_code: huc_code: facility_url: https://enviro.epa.gov/facts/tri/ef-facilities/#/Facility/28372FLTWDERAIL dmap_longitude: -79.18784021 dmap_latitude: 34.68006904	0.26 miles



NC CGIA, Vantor | Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMa... Powered by Esri (<http://www.esri.com/>)

Report question: Within .5 miles of a water discharger (NPDES)? yes

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

0.5

miles

▼

Submit

Features within Study Area

Features found: 2

Name	Distance
☐ TRANSPORTATION INVESTMENT FOR REVITALIZATION (PEMBROKE,NC) (https://enviro.epa.gov/envirofacts/icis- npdes/report?facilityId=NCC222726) registry_id: 110071930310 latitude: 34.678 longitude: -79.198 pgm_sys_acrnm: NPDES pgm_sys_id: NCC222726 primary_name: TRANSPORTATION INVESTMENT FOR REVITALIZATION location_address: NC711 SR1563 2ND STREET RAILROAD STREET COLLEG city_name: PEMBROKE county_name: state_code: NC epa_region: Region 04 postal_code: 28372 fips_code: huc_code: facility_url: https://enviro.epa.gov/envirofacts/icis-npdes/report?facilityId=NCC222726	0.40 miles

Name

☐ CHAMPION HOMES 042 (PEMBROKE,NC) ([https://enviro.epa.gov/envirofacts/icis-npdes/report?](https://enviro.epa.gov/envirofacts/icis-npdes/report?facilityId=NCG210516)
facilityId=NCG210516)
registry_id: 110071995032
latitude: 34.680333
longitude: -79.188676
pgm_sys_acrnm: NPDES
pgm_sys_id: NCG210516
primary_name: CHAMPION HOMES 042
location_address: 349 E RAIL ROAD ST
city_name: PEMBROKE
county_name:
state_code: NC
epa_region: Region 04
postal_code: 28372
fips_code:
huc_code:
facility_url: <https://enviro.epa.gov/envirofacts/icis-npdes/report?facilityId=NCG210516>

Distance

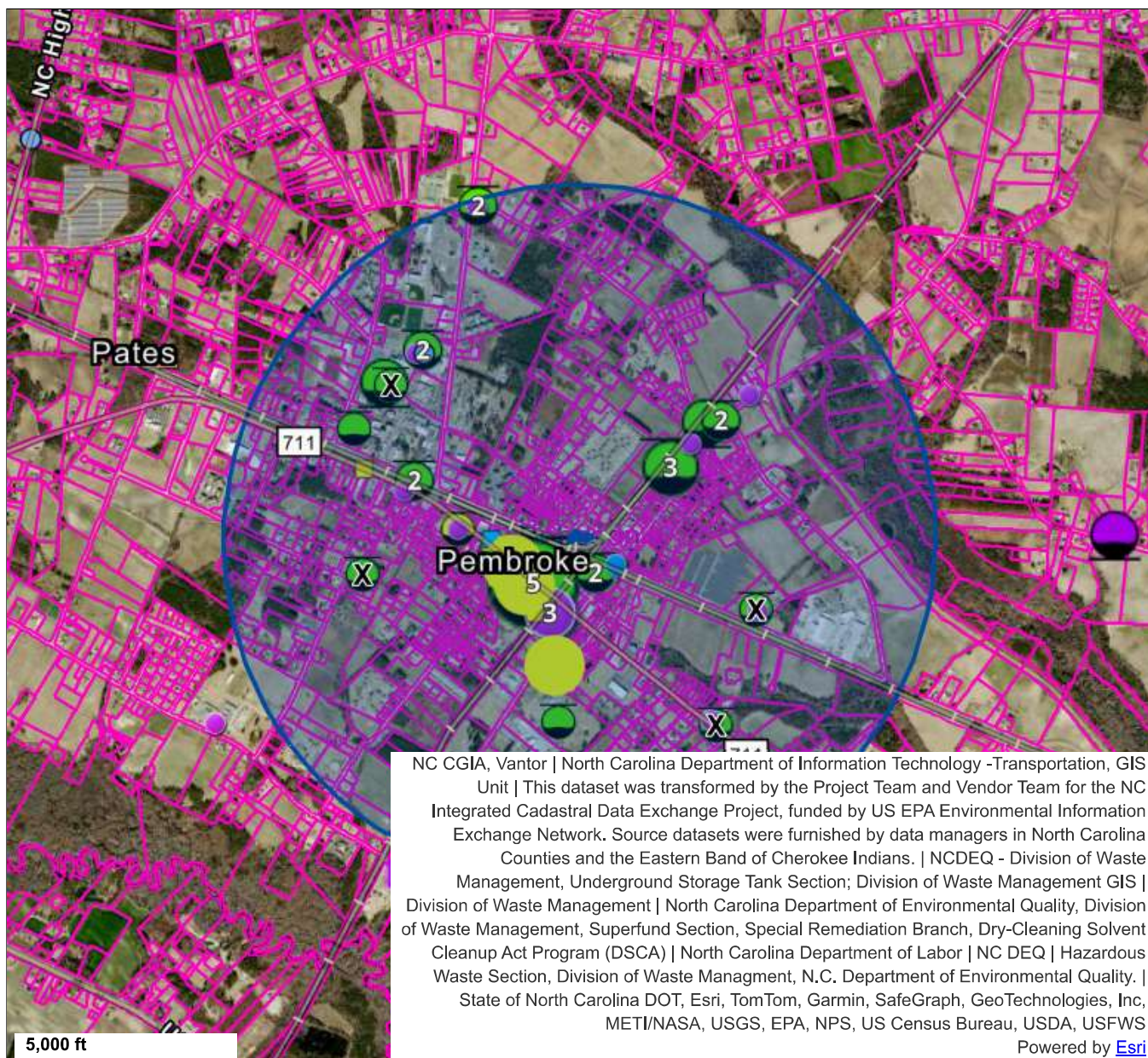
0.21 miles

NC DEQ DWM Site Locator 1-mile Radius Report

Area of Interest (AOI) Information

Area: 3.32 mi²

Date: Tue Aug 11 2026 10:51:05 GMT-0500 (Central Daylight Time)



ArcGIS World Geocoding Service



AddressNC Geocoder



DWM Site Layers

Brownfields Redevelopment Sites



Hazardous Waste Facilities



Large Quantity Generators



North Carolina Parcels (Polygons) - Parcels



Brownfields Program Sites | Total count: 1

#	BF_Number	BF_Name	Status	Address	Closest Approximate Distance
1	24024-20-078	Pembroke Oil Bulk Plant	Active Eligible	S. Jones St. And Blaine St.	0.16 mi

Inactive Hazardous Sites | Total count: 1

#	EPAID	SITENAME	SITEADDR	Closest Approximate Distance
1	NONCD0002988	PEMBROKE FARM HOME & GARDEN	302 W 3RD ST	0.17 mi

DryCleaning Compliance | Total count: 1

#	Facility_ID	Facility_Name	Facility_Addr
1	780004C	Margarets Dry Cleaners	404 W. Third St., Pembroke

#	Facility_Cnty	Inspector	Phone	Comment	Closest Approximate Distance
1	Robeson	Rachel Clarke	919-707-8351	Full Service (Closed) Date Established: 1/1/1950	0.22 mi

DryCleaning Historical Boiler Inspections | Total count: 4

#	Drycleaner	County	Address	Closest Approximate Distance
1	PEMBROKE DRY CLEANERS	ROBESON	404 W 3RD ST, PEMBROKE, NC 28372	0.22 mi
2	QUALITY CLEANERS	ROBESON	308 PINE ST, PEMBROKE, NC 28372	0.23 mi
3	JONES CLEANERS	ROBESON	MAIN ST, PEMBROKE, NC 28372	0.23 mi
4	JONES CLEANERS	ROBESON	WEST 3RD ST, PEMBROKE, NC 28372	0.63 mi

DryCleaning City Directories | Total count: 1

#	Drycleaner	Address	Comment	Closest Approximate Distance
1	Pembroke Dry Cleaners	404 West 3rd Street, Pembroke, NC	Lumberton 2004 City Directory, Cleaners Listing	0.22 mi

UST Active Facilities | Total count: 11

#	FACILID	FACILNAME	FACILADDRESS	Closest Approximate Distance
1	00-0-0000018369	PEMBROKE SPIRIT (AMOCO)	103 WEST 3RD STREET	0.18 mi
2	00-0-0000026379	PEMBROKE SOJO	110 E THIRD STREET	0.22 mi
3	00-0-0000031418	MCI COMMUNICATIONS (PNBRNC)	MAIN STREET & RR TRACKS	0.26 mi
4	00-0-0000018819	CIRCLE K 2721649	501 W.THIRD STREET	0.32 mi
5	00-0-0000018896	JOHN'S SERVICE CENTER	530 UNION CHAPEL ROAD	0.39 mi
6	00-0-0000018190	COLLEGE SUN-DO	701 WEST 3RD STREET	0.49 mi
7	00-0-0000028837	PEMBROKE PUBLIC WORKS	329 EAST RAILROAD STREET	0.53 mi
8	00-0-0000018820	C & P MINI MART 3	707-F UNION CHAPEL ROAD	0.62 mi
9	00-0-0000034184	SAMMYS MINI MART	707 EAST 3RD STREET	0.63 mi
10	00-0-0000032776	PEMBROKE STATE UNIVERSITY	1 UNIVERSITY DR	0.69 mi
11	00-0-0000033026	ADAMS MINI MART	963 PROSPECT ROAD	0.98 mi

NC DEQ DWM Site Locator 3,000-foot Radius Report

Area of Interest (AOI) Information

Area: 31,154,708.92 ft²

Date: Tue Aug 11 2026 10:52:19 GMT-0500 (Central Daylight Time)



ArcGIS World Geocoding Service



AddressNC Geocoder



DWM Site Layers

Brownfields Redevelopment Sites



Hazardous Waste Facilities



Large Quantity Generators



Small Quantity Generators

North Carolina Parcels (Polygons) - Parcels



Brownfields Program Sites | Total count: 1

#	BF_Number	BF_Name	Status	Address	Closest Approximate Distance
1	24024-20-078	Pembroke Oil Bulk Plant	Active Eligible	S. Jones St. And Blaine St.	836.2 ft

Inactive Hazardous Sites | Total count: 1

#	EPAID	SITENAME	SITEADDR	Closest Approximate Distance
1	NONCD0002988	PEMBROKE FARM HOME & GARDEN	302 W 3RD ST	893.17 ft

DryCleaning Compliance | Total count: 1

#	Facility_ID	Facility_Name	Facility_Addr
1	780004C	Margarets Dry Cleaners	404 W. Third St., Pembroke

#	Facility_Cnty	Inspector	Phone	Comment	Closest Approximate Distance
1	Robeson	Rachel Clarke	919-707-8351	Full Service (Closed) Date Established: 1/1/1950	1,146.46 ft

DryCleaning Historical Boiler Inspections | Total count: 3

#	Drycleaner	County	Address	Closest Approximate Distance
1	PEMBROKE DRY CLEANERS	ROBESON	404 W 3RD ST, PEMBROKE, NC 28372	1,169.45 ft
2	QUALITY CLEANERS	ROBESON	308 PINE ST, PEMBROKE, NC 28372	1,204.44 ft
3	JONES CLEANERS	ROBESON	MAIN ST, PEMBROKE, NC 28372	1,215.15 ft

DryCleaning City Directories | Total count: 1

#	Drycleaner	Address	Comment	Closest Approximate Distance
1	Pembroke Dry Cleaners	404 West 3rd Street, Pembroke, NC	Lumberton 2004 City Directory, Cleaners Listing	1,169.45 ft

UST Active Facilities | Total count: 7

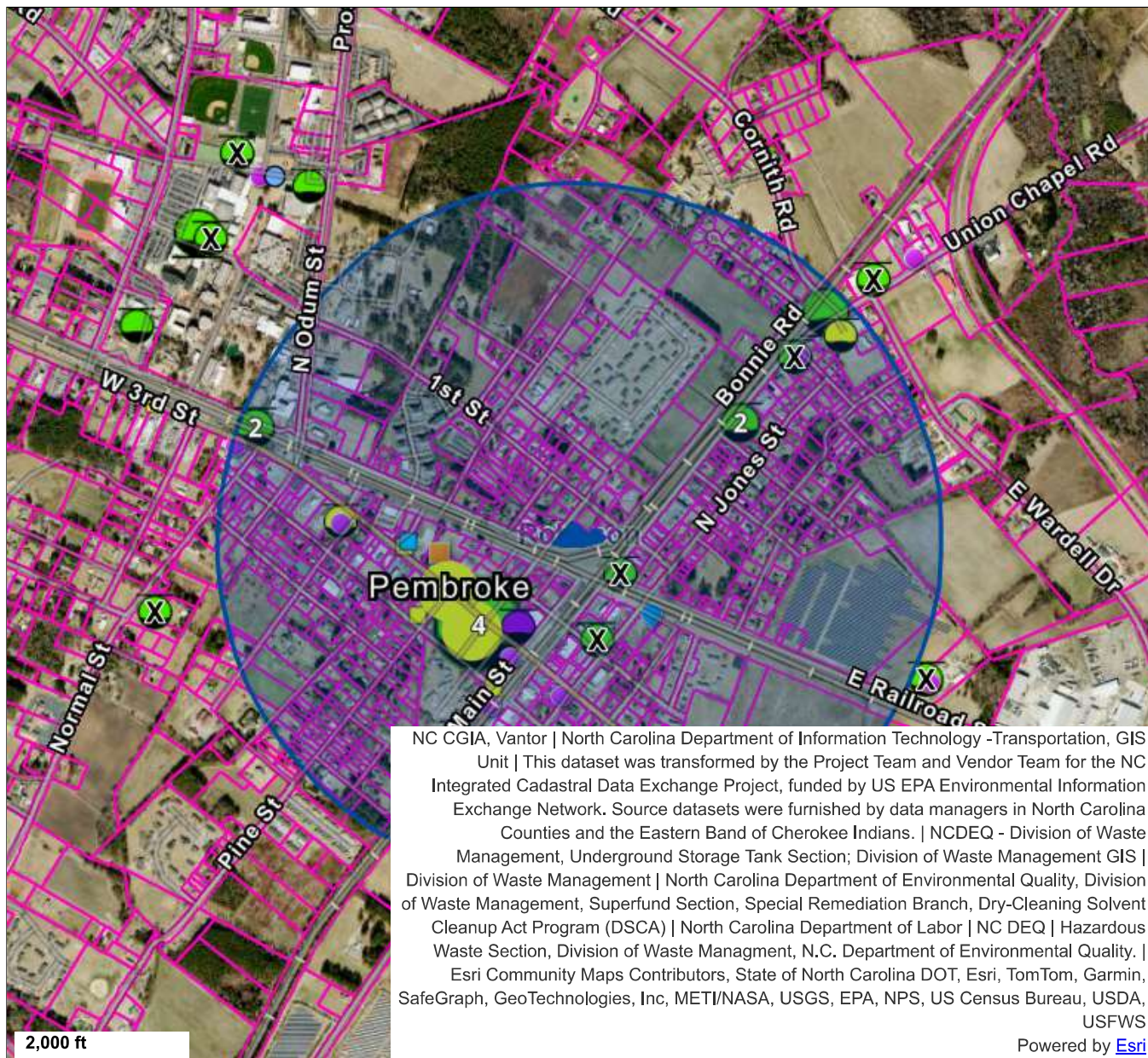
#	FACILID	FACILNAME	FACILADDRESS	Closest Approximate Distance
1	00-0-0000018369	PEMBROKE SPIRIT (AMOCO)	103 WEST 3RD STREET	954.59 ft
2	00-0-0000026379	PEMBROKE SOJO	110 E THIRD STREET	1,161.49 ft
3	00-0-0000031418	MCI COMMUNICATIONS (PNBRNC)	MAIN STREET & RR TRACKS	1,355.55 ft
4	00-0-0000018819	CIRCLE K 2721649	501 W. THIRD STREET	1,682.75 ft
5	00-0-0000018896	JOHN'S SERVICE CENTER	530 UNION CHAPEL ROAD	2,084.75 ft
6	00-0-0000018190	COLLEGE SUN-DO	701 WEST 3RD STREET	2,609.29 ft
7	00-0-0000028837	PEMBROKE PUBLIC WORKS	329 EAST RAILROAD STREET	2,778.2 ft

NC DEQ DWM Site Locator 0.5-mile Radius Report

Area of Interest (AOI) Information

Area: 0.88 mi²

Date: Tue Aug 11 2026 10:49:07 GMT-0500 (Central Daylight Time)



ArcGIS World Geocoding Service



AddressNC Geocoder



DWM Site Layers

Brownfields Redevelopment Sites



Hazardous Waste Facilities



Large Quantity Generators



Small Quantity Generators

North Carolina Parcels (Polygons) - Parcels



Brownfields Program Sites | Total count: 1

#	BF_Number	BF_Name	Status	Address	Closest Approximate Distance
1	24024-20-078	Pembroke Oil Bulk Plant	Active Eligible	S. Jones St. And Blaine St.	0.16 mi

Inactive Hazardous Sites | Total count: 1

#	EPAID	SITENAME	SITEADDR	Closest Approximate Distance
1	NONCD0002988	PEMBROKE FARM HOME & GARDEN	302 W 3RD ST	0.17 mi

DryCleaning Compliance | Total count: 1

#	Facility_ID	Facility_Name	Facility_Addr
1	780004C	Margarets Dry Cleaners	404 W. Third St., Pembroke

#	Facility_Cnty	Inspector	Phone	Comment	Closest Approximate Distance
1	Robeson	Rachel Clarke	919-707-8351	Full Service (Closed) Date Established: 1/1/1950	0.22 mi

DryCleaning Historical Boiler Inspections | Total count: 3

#	Drycleaner	County	Address	Closest Approximate Distance
1	PEMBROKE DRY CLEANERS	ROBESON	404 W 3RD ST, PEMBROKE, NC 28372	0.22 mi
2	QUALITY CLEANERS	ROBESON	308 PINE ST, PEMBROKE, NC 28372	0.23 mi
3	JONES CLEANERS	ROBESON	MAIN ST, PEMBROKE, NC 28372	0.23 mi

DryCleaning City Directories | Total count: 1

#	Drycleaner	Address	Comment	Closest Approximate Distance
1	Pembroke Dry Cleaners	404 West 3rd Street, Pembroke,NC	Lumberton 2004 City Directory, Cleaners Listing	0.22 mi

UST Active Facilities | Total count: 6

#	FACILID	FACILNAME	FACILADDRESS	Closest Approximate Distance
1	00-0-0000018369	PEMBROKE SPIRIT (AMOCO)	103 WEST 3RD STREET	0.18 mi
2	00-0-0000026379	PEMBROKE SOJO	110 E THIRD STREET	0.22 mi
3	00-0-0000031418	MCI COMMUNICATIONS (PNBRNC)	MAIN STREET & RR TRACKS	0.26 mi
4	00-0-0000018819	CIRCLE K 2721649	501 W.THIRD STREET	0.32 mi
5	00-0-0000018896	JOHN'S SERVICE CENTER	530 UNION CHAPEL ROAD	0.39 mi
6	00-0-0000018190	COLLEGE SUN-DO	701 WEST 3RD STREET	0.49 mi

Phase I Environmental Site Assessment

Former Pembroke Bulk Oil Plant

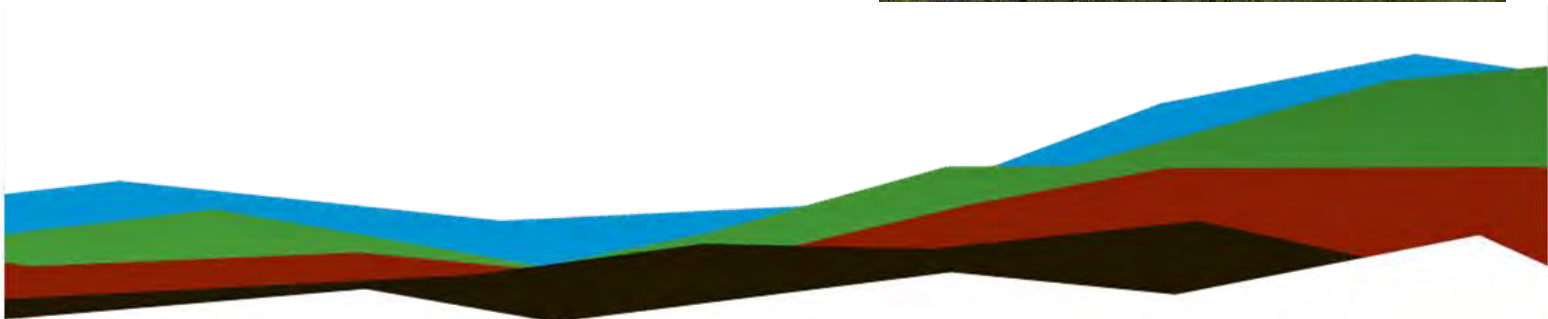
South Jones Street and Blaine Street

Pembroke, Robeson County, North Carolina

November 25, 2024 | Terracon Project No. 70237084

Prepared for:

North Carolina Department of Environmental Quality
Brownfields Redevelopment Section
217 W Jones Street
Raleigh, North Carolina 27603



Prepared by:

Terracon Consultants, Inc.
Raleigh, North Carolina



Nationwide
Terracon.com

■ Facilities
■ Environmental
■ Geotechnical
■ Materials

November 25, 2024

North Carolina Department of Environmental Quality
Brownfields Redevelopment Section
217 W Jones Street
Raleigh, North Carolina 27603

Attn: Ms. Jordan Thompson
P: (704) 223-6549
E: Jordan.Thompson@ncdeq.gov

Re: Phase I Environmental Site Assessment
S. Jones Street and Blaine Street
Pembroke, Robeson County, North Carolina
NC Brownfields Project No.: 24024-20-078
Terracon Project No. 70237084

Dear Ms. Thompson:

Terracon Consultants, Inc. (Terracon) is pleased to submit the enclosed Phase I Environmental Site Assessment (ESA) report for the above-referenced subject property (hereinafter known as the 'site'). This assessment was performed in accordance with proposal number P70237084 Change Order dated July 11, 2024.

We appreciate the opportunity to be of service to you on this project. In addition to Phase I services, our professionals provide geotechnical, environmental, construction materials, and facilities services on a wide variety of projects locally, regionally, and nationally. For more detailed information on all of Terracon's services please visit our website at www.terracon.com. If there are any questions regarding this report or if we may be of further assistance, please do not hesitate to contact us.

Sincerely,

Terracon Consultants, Inc.


for

Olivia A. Veno
Staff Scientist



Alexander Manolukas
Field Scientist



Hayley M. Irick, PG
Environmental Department Manager

Table of Contents

EXECUTIVE SUMMARY	iv
Findings and Opinions	iv
Site Description and Use	iv
Historical Information.....	iv
Records Review.....	v
Site Reconnaissance	vi
Prior Reports	vi
Adjoining Properties	x
Conclusions.....	x
Recommendations	xi
1.0 INTRODUCTION	1
1.1 Site Description	1
1.2 Scope of Services	1
Review of Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS)	2
1.3 Standard of Care	2
1.4 Additional Scope Limitations, ASTM Deviations, and Data Gaps.....	2
1.5 Reliance	3
1.6 Client Provided Information	4
2.0 PHYSICAL SETTING	6
3.0 HISTORICAL USE INFORMATION.....	7
3.1 Historical Topographic Maps, Aerial Photographs, and Sanborn Maps	7
3.2 Historical City Directories	8
3.3 Site Ownership.....	9
3.4 Title Search	9
3.5 Environmental Liens and Activity and Use Limitations	10
3.6 Interviews Regarding Current and Historical Site Uses	10

3.7	Prior Report Review.....	10
4.0	RECORDS REVIEW	15
4.1	Federal and State/Tribal Databases	15
4.2	Local Agency Inquiries.....	20
5.0	SITE RECONNAISSANCE.....	20
5.1	General Site Information	20
5.2	Overview of Current Site Occupants.....	21
5.3	Overview of Current Site Operations	21
5.4	Site Observations	21
6.0	ADJOINING PROPERTY RECONNAISSANCE	24
7.0	ADDITIONAL SERVICES	24
8.0	DECLARATION.....	24

APPENDICES

APPENDIX Exhibit 1: Topographic Map, Exhibit 2: Site Diagram

APPENDIX B Site Photographs

APPENDIX C Historical Documentation and User Questionnaire

APPENDIX D Environmental Database Information

APPENDIX E Prior Reports

APPENDIX F Credentials

APPENDIX G Description of Terms and Acronyms

EXECUTIVE SUMMARY

This Phase I Environmental Site Assessment (ESA) was performed in accordance with Terracon Proposal No. P70237084 Change Order dated July 11, 2024 and was conducted consistent with the procedures included in ASTM E1527-21, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The ESA was conducted under the supervision or responsible charge of Hayley Irick, Environmental Professional. Mr. Alexander Manolukas performed the site reconnaissance on July 31, 2024.

Findings and Opinions

A summary of findings is provided below. It should be recognized that details were not included or fully developed in this section, and the report must be read in its entirety for a comprehensive understanding of the items contained herein.

Site Description and Use

The site consists of three parcels of land (Robeson County PIN #s 934328657700, 934328748500, 934328858700), totaling approximately two-acres, located at the intersection of South Jones Street and Blaine Street in Pembroke, Robeson County, North Carolina. The site currently consists of undeveloped, grassy land that is utilized as a storage area for nearby construction activities. Please refer to Exhibit 2 in Appendix A for a diagram of the site.

Historical Information

Based on a review of the historical information, the site existed as undeveloped grassy land in 1938. By 1950 two apparent commercial structures were present. According to a Phase I ESA conducted by Oneida in April 2020, the onsite structures served as a former bulk oil storage facility and a former herbicide/pesticide storage facility. According to historic aerial photographs, aboveground storage tanks (ASTs) were also present on site from at least 1983 through 2012. By 2016, the onsite structures had been razed and ASTs removed. The site has existed as undeveloped, grassy land since that time. The operation of a former bulk oil storage and herbicide/pesticide facility since at least 1950, constitutes a recognized environmental condition (REC) to the site.

Surrounding properties have consisted of a mix of residential and/or agricultural development from at least 1938. A railroad has been present north of the site since 1938. Commercial development to the north began by 2006, to the south by 1938, and to the west by 1964. RECs were not found in connection with the site during a review of the historic surrounding properties.

Records Review

Selected federal and state environmental regulatory databases as well as responses from state and local regulatory agencies were reviewed. Pates Supply Company, located on site, was listed on the US Brownfields database with Property No's. 350601004, 350601005, and 35060100501. According to a prior Phase I ESA conducted by Oneida, and provided to Terracon for review, Pates Supply Company was a licensed pesticides dealer that stored herbicides and pesticides on the subject property; however, information regarding specific chemicals stored and operational practices for managing the materials was unavailable. The lack of information regarding Pates Supply Company operating on site constitutes a significant data gap and a REC to the site.

Additionally, Terracon reviewed the North Carolina Department of Environmental Quality (NCDEQ) Division of Waste Management Site Locator Tool Website (Laserfiche). According to a Limited Site Investigation (LSI) conducted by Mid-Atlantic and dated April 26, 2017, the site formerly existed as a former bulk storage facility, a former herbicide/pesticide storage facility, and housed ASTs. Analysis of groundwater samples collected during the LSI indicated petroleum-based groundwater contamination above the North Carolina Drinking Water Quality Standards (NCDWQS) at the site in the vicinity of the former AST hold area and pesticide groundwater contamination was also present above the NCDWQS within the footprint of the former herbicide/pesticide storage building. Mid-Atlantic recommended further investigation be conducted at the property. A Brownfields Data Gap Assessment Report dated December 15, 2023 was conducted for the site by Terracon Consultants and is further described in Section 3.7. The Brownfields Data Gap Assessment identified soil, soil gas, and groundwater contamination at the site. Volatile organic compounds (VOCs), semi volatile organic compounds (SVOCs), Resource Conservation and Recovery Act (RCRA) 8 Metals, and organochlorine herbicides were detected in soil and groundwater samples across the site. VOCs were detected in active and passive soil gas samples. Terracon entered results into the NCDEQ Risk Calculator. The risk calculator indicated residential use standards were exceeded for soil. Groundwater concentrations exceeded residential and non-residential risk for the use of groundwater at the site. Active soil gas concentrations exceeded residential and non-residential use standards at the site, and passive soil gas concentrations exceeded residential use standards at the site. The known soil, groundwater, and soil gas contamination at the site, constitutes a REC.

Three additional facilities were identified within 500 feet of the site. Based on the regulatory status, distance, and/or topographic gradient relative to the site, the facilities do not constitute RECs to the site. The facilities are further discussed in detail in Section 4.1. RECs were not identified in connection with the surrounding properties in the regulatory review or local agency inquiries.

Site Reconnaissance

During Terracon's site reconnaissance, the property appeared to be used as staging ground for nearby construction work. Terracon observed numerous concrete culverts staged on the property along with several stockpiles of gravel and soil. Other materials on the property included packaged waddles and short stacks of steel material.

With the exception of staged materials, the property is a vacant grassy field adjacent to a railroad. The above stated items observed during Terracon's site reconnaissance do not constitute RECs to the site.

Prior Reports

Terracon was provided the following prior reports for review:

- Phase I Site Investigation Report
Pates Supply Company
Pembroke, Robeson County, North Carolina
EPA TDD No. 0006/OT-06-022
Prepared By: Oneida Total Integrated Enterprises (Oneida)
Prepared For: US EPA – Region 4 and the Town of Pembroke

Terracon was provided with a previous Phase I Investigation Report prepared for the site and dated April 2020. At the time of the site reconnaissance, the site existed as three vacant parcels of land, totaling 2.01-acres. The site was formerly utilized as a bulk storage warehouse, an herbicide/pesticide storage building, and petroleum distribution terminal, where operations ceased between 2009 and 2013. The site was noted to be razed in 2017. The prior Phase I Investigation Report identified the following RECs:

- The facility operated a petroleum distribution terminal that serviced local filling stations. Several large ASTs were used on-site to store petroleum products.
- Pates Supply Company was a licensed pesticides dealer that stored herbicides and pesticides on the subject property; however, information regarding specific chemicals stored and operational practices for managing the materials was unavailable.
- Environmental investigations conducted at the site in 2015 and 2017 indicate a petroleum and pesticide release to soil and groundwater on site. Total Petroleum Hydrocarbons (TPH) Gasoline Range Organics (GRO) concentration detected in soil exceeded the state notification concentrations. Naphthalene, benzene, ethylbenzene, total xylenes, methyl-t-butyl ether (MTBE), vinyl chloride, 1,2-dichloroethane, 4,4'-DDT, toxaphene, nitrate-nitrite-N, and ammonia-N exceeded North Carolina Groundwater Quality Standard (NCGWQS).

Additionally, Oneida identified four surrounding properties that showed evidence for the existence of RECs related to residual contamination from suspected or actual releases:

- Glenn's Quick Stop, listed in the leaking underground storage tank (LUST) database for petroleum constituents in soil and groundwater at elevated concentrations following the removal of the two 6,000-gallon underground storage tanks (USTs) on the property.
- Pembroke Farm Home & Garden is listed as a NC Inactive Hazardous Waste Site as of May 16, 2019. A confirmed release of benzene, ammonia, and nitrate to groundwater was documented in 2016 and 2017.
- The Pantry 3134 is an active fueling station with a lengthy regulatory history involving significant soil and groundwater contamination from a LUST reported incident in June 23, 2003. Abatement actions have included the removal of free product; however, due to access issues associated with the neighboring property owners, the plume is yet to be defined. Clean up actions are ongoing.
- Chavis Property, listed on US Brownfields, is currently a vacant lot but previously operated as Freeman Auto Sale and Pates Supply. A 250-gallon UST used to store gasoline was removed in 2009. A Phase I ESA was completed September 19, 2009; however, information regarding RECs identified was unavailable for review.

Oneida also identified the following data gap:

- Strickland Heights, Dial Terrace, and Shef's Seafood & Company Store, listed as US Brownfields sites, have had Phase I ESAs completed as part of the USEPA Brownfields however, information regarding RECs identified were unavailable for review.

Oneida recommended further soil and groundwater assessment be completed on the subject property to determine the extent of the impact of on-site releases and whether off-site releases from nearby properties have impacted the subject site.

- Brownfields Data Gap Assessment Report
Former Pembroke Bulk Oil Plant
Dated: December 15, 2023
Prepared By: Terracon Consultants, Inc.
Prepared For: Town of Pembroke

Terracon completed a Brownfields Data Gap Assessment for the site, dated December 15, 2023. At the time of drilling activities, the site existed as three parcels of vacant, cleared and grassy land, totaling approximately 2.0-acres of land. On June 12 and 14, 2023, 17 soil samples were collected and submitted for laboratory analysis of VOCs via EPA Method 8260, SVOCs via EPA Method 8270, RCRA 8 Metals via EPA Methods 6010 and 7471, and/or organophosphorus herbicides via EPA Method 8081 and organochlorine pesticides via EPA

Method 8141. Terracon oversaw the installation of six monitoring wells, sampled, and sent for laboratory analysis of VOCs via EPA Method 8260, SVOCs via EPA Method 8270, RCRA 8 Metals via EPA Methods 6010D, mercury via EPA Method 7471B, organochlorine pesticides via EPA Method 8081B, and/or organophosphorus herbicides via EPA Method 8141B. Terracon also installed and sampled four temporary soil gas sampling points; however, due to shallow groundwater (less than 4ft bls), the soil gas points were installed at 3.5 feet bls. Four passive soil gas samplers were also installed to supplement the active soil gas points and were sampled and analyzed via EPA Method TO-17.

Soil laboratory analytical results were compared to NCDEQ Protection of Groundwater (PoG), Residential, and Industrial/Commercial Preliminary Soil Remediation Goals (PSRGs). The following constituents were noted to be above the PoG PSRGs:

- Naphthalene was detected above the NCDEQ PoG PSRG in SB-14 and SB-17.
- RCRA 8 metals were not detected above PSRGs except for arsenic which was detected above Residential PSRGs in SB-02, SB-07, and SB-17. Based on a review of available data of naturally occurring elements in soils of North Carolina (Boergen and Shacklette, 1981), the detected arsenic concentrations appear to be consistent with naturally occurring conditions thus, the detections are not indicative of a release.
- Hexavalent chromium was detected above the Residential PSRGs in SB-02, SB-03, SB-07, SB-09, SB-10, SB-11, SB-13, DUP-SB, SB-14, SB-16, and SB-17.
- 2-Methylnaphthalene was detected above PoG PSRGs in SB-16.
- Benz(a)pyrene was detected above PoG PSRGs in SB-05.
- Toxaphene was detected above the Residential PSRGs in DUP-SB and above Non-Residential PSRGs in SB-09 and SB-10.
- Alpha-BHC, beta-BHC, gamma-BHC (Lindane), and Toxaphene were detected above the PoG PSRGs in SB-12, SB-13, and DUP-SB.

The NCDEQ risk calculator was utilized to evaluate the risks of contaminants of concern identified in soil at the site. The risk calculator indicated residential use standards are exceeded for soil. Non-residential use standards were not exceeded at the site.

Groundwater analytical results were compared to the 2L Standards. The following constituents were detected above the 2L Standard:

- Benzene; 1,2-dichloroethane; methyl tert-butyl ether; naphthalene; and/or xylenes, were detected above the 2L Standards in samples collected from MW-03 through MW-05.

- 2-Methylnaphthalene and naphthalene were detected above the 2L Standards in MW-03 and/or MW-05.

The NCDEQ risk calculator was utilized to evaluate the risks of contaminants of concern identified in groundwater at the site. The risk calculator indicated residential and non-residential use standards are exceeded for the use of groundwater at the site.

Active soil gas analytical results were compared to the NCDEQ Residential and Non-Residential (SGSLs). The following constituents were detected above their respective SGSLs:

- 1,2,4-Trimethylbenzene; 1,3,5-trimethylbenzene; 1,4-dioxane; benzene; hexane; and/or m, p-xylenes were detected above the Residential SGSLs in SG-01, SG-03, and SG-04.
- 1,2,4-Trimethylbenzene; 2,2,4-trimethylpentane; cumene; ethyl benzene; heptane; m, p-xylene; and/or propylbenzene were detected above the Non-Residential SGSLs in SG-01 and SG-03.

The NCDEQ risk calculator was utilized to evaluate the risks of contaminants of concern identified in soil gas at the site using results from the active soil gas samples. The risk calculator indicated residential and non-residential use standards are exceeded for soil gas at the site.

Analytical results were compared to the NCDEQ Residential and Non-Residential SGSLs. The following constituents were detected above their respective SGSLs:

- 1,2,4-Trimethylbenzene; benzene; and/or hexane were detected above the Residential SGSLs in PSG-01 through PSG-04.
- 1,1,2,2-Tetrachloroethane and heptane were detected above the Non-Residential SGSLs in PSG-04.

The NCDEQ risk calculator was utilized to evaluate the risks of contaminants of concern identified in soil gas at the site using results from passive soil gas samples. The risk calculator indicated residential use standards are exceeded for soil gas at the site.

Terracon's Data Gap Assessment Report presented the following findings and conclusions:

- Multiple data flags, RPD discrepancies, and or sensitivity failures were identified across all media sampled as part of this investigation; however, when the data set as a whole is evaluated, the null hypothesis can still be evaluated effectively and is accepted. As such, while individual analytes may not meet all DQOs, the data set as a whole is usable to support site management decisions.
- VOCs, SVOCs, RCRA 8 Metals, and organochlorine herbicides were detected in soil and groundwater samples across the site. Organophosphorus pesticides were not

detected in the soil or groundwater samples. Specific concentrations can be found in **Table 2** and **Table 3**.

- VOCs were detected in active and passive soil gas samples. Specific concentrations can be found in **Table 4** and **Table 5**.
- Terracon entered results into the NCDEQ Risk Calculator. The risk calculator indicated residential use standards are exceeded for soil. Groundwater concentrations exceeded residential and non-residential risk for the use of groundwater at the site. Active soil gas concentrations exceeded residential and non-residential use standards at the site. Passive soil gas concentrations exceeded residential use standards at the site.

Results from the active and passive soil gas samples were considerably different. Results from the active soil gas samples were higher in concentration and therefore represent a more conservative view of site soil gas conditions. The more conservative, active soil gas results should be used to make recommendations for the site.

The following recommendations were presented:

- Groundwater should not be used for any purpose at the site.
- An Environmental Management Plan (EMP) should be developed to manage the excavation/grading of soil, handling of groundwater and interaction with soil gas as part of any redevelopment activities that disturb soil on site.
- If commercial or residential redevelopment activities of the site occur, a vapor intrusion mitigation system (VIMS) is needed.

The known soil, groundwater, and soil gas contamination found during Terracon's Data Gap Assessment Report constitutes a REC to the site.

Adjoining Properties

The site is bordered to the north by a railroad followed by E Railroad Street; to the east by Maynor Manor Community Center (400 Locklear Street); to the south by single-family residential structures (201, 203, 205, and 207 E. 2nd Street); and to the west by Jones Street followed by the Town of Pembroke office (98 Union Chapel Road). RECs were not identified in connection with current adjoining property operations.

Conclusions

We have performed a Phase I ESA consistent with the procedures included in ASTM Practice E1527-21 at Jones Street and Blaine Street in Pembroke, Robeson County, North

Carolina, the site. Controlled RECs (CRECs) and Historic RECs (HRECs) were not identified in connection with the site. The following RECs and Significant Data Gaps (SDGs) were identified in connection with the site:

- The operation of a former bulk oil storage and herbicide/pesticide facility since at least 1950, constitutes a REC to the site.
- The lack of information regarding Pates Supply Company constitutes a significant data gap; and a REC to the site.
- The known soil, groundwater, and soil gas contamination found during Terracon's Data Gap Assessment Report constitutes a REC to the site.

Recommendations

Based on the scope of services, limitations, and conclusions of this assessment, Terracon has identified RECs in connection with the site. Terracon recommends continued coordination for redevelopment of the site through NCDEQ's Brownfields Redevelopment Section including the following: .Groundwater should not be used for any purpose at the site.

- An Environmental Management Plan (EMP) should be developed to manage the excavation/grading of soil, handling of groundwater and interaction with soil gas as part of redevelopment activities.
- If redevelopment of the site includes any form of residential occupation a vapor intrusion mitigation system (VIMS) is needed.

1.0 INTRODUCTION

1.1 Site Description

Site Name	Former Pembroke Bulk Oil Plant
Site Location/Address	South Jones Street and Blaine Street in Pembroke, Robeson County, North Carolina
Land Area	Three parcels of land (Robeson County PIN #s 934328657700, 934328748500, 934328858700) totaling approximately two-acres
Site Improvements	Vacant
Anticipated Future Site Use	Redevelopment
Reason for the ESA	Site Acquisition

The location of the site is depicted on Exhibit 1 of Appendix A, which was reproduced from a portion of the USGS 7.5-minute series topographic map. The site and adjoining properties are depicted on the Site Diagram, which is included as Exhibit 2 of Appendix A. Acronyms and terms used in this report are described in Appendix G.

1.2 Scope of Services

This Phase I ESA was performed in accordance with Terracon Proposal No. 70237084 Change Order dated July 11, 2024, and was conducted consistent with the procedures included in ASTM E1527-21, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. The purpose of this ESA was to assist the client in developing information to identify RECs in connection with the site as reflected by the scope of this report. Recognized environmental conditions are defined by ASTM E1527-21 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." A de minimis condition is not a recognized environmental condition.

This purpose was undertaken through user-provided information, a regulatory database review, historical and physical records review, interviews (including local government inquiries, as applicable), and a visual noninvasive reconnaissance of the site and adjoining properties. Limitations, ASTM deviations, and significant data gaps (if identified) are noted in the applicable sections of the report.

Review of Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS)

PFAS are a family of compounds which are considered emerging contaminants of concern due to their mobility and longevity in the environment. PFAS has been used in many products, including but not limited to fire-fighting foam, anti-stick coatings, stain and water-repellent coatings, electroplating, and paper products, among others. On July 8, 2024, US EPA designated two PFAS compounds, perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS), including their salts and structural isomers, as hazardous substances under CERCLA; accordingly, PFOA and PFOS was evaluated within the scope of E1527-21. Please note that PFAS compounds are ubiquitous in the environment and this limited review is not to be construed as confirmation that PFAS compounds are not present in, at or under the site.

1.3 Standard of Care

This ESA was performed in accordance with generally accepted practices of this profession, undertaken in similar studies at the same time and in the same geographical area. We have endeavored to meet this standard of care, but may be limited by conditions encountered during performance, a client-driven scope of work, or inability to review information not received by the report date. Where appropriate, these limitations are discussed in the text of the report, and an evaluation of their significance with respect to our findings has been conducted.

Phase I ESAs, such as the one performed at this site, are of limited scope, are noninvasive, and cannot eliminate the potential that hazardous, toxic, or petroleum substances are present or have been released at the site beyond what is identified by the limited scope of this ESA. In conducting the limited scope of services described herein, certain sources of information and public records were not reviewed. It should be recognized that environmental concerns may be documented in public records that were not reviewed. No ESA can wholly eliminate uncertainty regarding the potential for RECs in connection with a property. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs. No warranties, express or implied, are intended or made. The limitations herein must be considered when the user of this report formulates opinions as to risks associated with the site or otherwise uses the report for any other purpose. These risks may be further evaluated – but not eliminated – through additional research or assessment. We will, upon request, advise you of additional research or assessment options that may be available and associated costs.

1.4 Additional Scope Limitations, ASTM Deviations, and Data Gaps

Based upon the agreed-on scope of services, this ESA did not include subsurface or other invasive assessments, vapor intrusion assessments or indoor air quality assessments (i.e., evaluation of the presence of vapors within a building structure), business environmental risk evaluations, or other services not particularly identified and discussed herein.

Credentials of the company (Statement of Qualifications) have not been included in this report but are available upon request. Pertinent documents are referred to in the text of this report, and a separate reference section has not been included. Reasonable attempts were made to obtain information within the scope and time constraints set forth by the client; however, in some instances, information requested is not, or was not, received by the issuance date of the report. Information obtained for this ESA was received from several sources that we believe to be reliable; nonetheless, the authenticity or reliability of these sources cannot and is not warranted hereunder. This ESA was further limited by the following:

- Reasonable attempts were made to contact the Robeson County Health Department and the Town of Pembroke Fire Department; however, at the issuance of this report, a response has not been received. This constitutes a data gap; however, not a significant one.
- The lack of information regarding Pates Supply Company operating on site constitutes a significant data gap; and a REC to the site

An evaluation of the significance of limitations and missing information with respect to our findings has been conducted, and where appropriate, significant data gaps are identified and discussed in the text of the report. However, it should be recognized that an evaluation of significant data gaps is based on the information available at the time of report issuance, and an evaluation of information received after the report issuance date may result in an alteration of our conclusions, recommendations, or opinions. We have no obligation to provide information obtained or discovered by us after the issuance date of the report, or to perform any additional services, regardless of whether the information would affect any conclusions, recommendations, or opinions in the report. This disclaimer specifically applies to any information that has not been provided by the client.

This report represents our service to you as of the report date and constitutes our final document; its text may not be altered after final issuance. Findings in this report are based upon the site's current utilization, information derived from the most recent reconnaissance and from other activities described herein; such information is subject to change. Certain indicators of the presence of hazardous substances, petroleum products or PFAS compounds may have been latent, inaccessible, unobservable, or not present during the most recent reconnaissance and may subsequently become observable (such as after site renovation or development). Further, these services are not to be construed as legal interpretation or advice.

1.5 Reliance

This ESA report is prepared for the exclusive use and reliance of North Carolina Department of Environmental Quality Brownfields Redevelopment Section, the Town of Pembroke, and Terracon Consultants, Inc. (Terracon).

Reliance on the ESA by the client and all authorized parties will be subject to the terms, conditions and limitations stated in the proposal, ESA report, and Terracon's Agreement for Services. The limitation of liability defined in the Agreement for Services is the aggregate limit of Terracon's liability to the client and all relying parties.

Continued viability of this report is subject to ASTM E1527-21 Section 4.6. If the ESA will be used by a different user (third party) than the user for whom the ESA was originally prepared, the third party must also satisfy the user's responsibilities in Section 6 of ASTM E1527-21.

1.6 Client Provided Information

Prior to the site visit, Mr. Tyler Thomas with the Town of Pembroke and Ms. Jordan Thompson with NCDEQ, the clients, were asked to provide the following user questionnaire information as described in ASTM E1527-21 Section 6. A review of the Town of Pembroke and NCDEQ's provided questionnaires did not identify RECs in connection with the site. A copy of the completed user questionnaires are provided in Appendix C.

Client Questionnaire Responses

Client Questionnaire Item	Client Did Not Respond	Town of Pembroke's Response		NCDEQ's response	
		Yes	No	Yes	No
Specialized Knowledge or Experience that is material to a REC in connection with the site.			X		X
Actual Knowledge of Environmental Liens or Activity Use Limitations (AULs) that may encumber the site.			X		X
Actual Knowledge of a Lower Purchase Price because contamination is known or believed to be present at the site.			X		X*
Commonly Known or Reasonably Ascertainable Information that is material to a REC in connection with the site.			X		X
Obvious Indicators of Releases at the site.			X		X

*NCDEQ indicated not applicable. NCDEQ is not aware of the purchase price and therefore cannot comment on the fairness of such. The site is listed as a DEQ Brownfields eligible property, and multiple environmental assessments have documented impacts on-site.

2.0 PHYSICAL SETTING

Physical Setting Information		Source
Topography		
Site Elevation	Approximately 168-170 feet above mean sea level (msl)	Topographic Map Pembroke, North Carolina 2024 (Appendix A)
Topographic Gradient	Generally sloping towards the southeast	
Closest Surface Water	A tributary of Watering Hole Swamp, approximately 600 feet northwest	
Soil Characteristics		
Soil Type	Ra – Rains sandy loam, 0 to 2 percent slopes; and GoA – Goldsboro loamy sand, 0 to 2 percent slopes	Robeson County, NC USDA-NRCS Web Soil Survey issued September 13, 2023
Description	Ra – poorly drained and considered hydric; and GoA – well drained and not considered hydric	
Geology/Hydrogeology		
Formation	Yorktown Formation and Duplin Formation, Undivided (Tertiary)	Geologic Map of North Carolina, 1985
Description	Yorktown Formation: fossiliferous clay with varying amounts of fine-grained sand, bluish gray, shell material commonly concentrated in lenses; mainly in area north of Neuse River. Duplin Formation: shelly, medium- to coarse-grained sand, sandy marl, and limestone, bluish gray; mainly in area south of Neuse River.	
Estimated Depth to First Occurrence of Groundwater	Approximately 4-5 feet below grade surface (bgs)	Brownfields Data Gap Assessment Report, Dated

		December 15, 2023. (Appendix C)
*Hydrogeologic Gradient	Not known - may be inferred to be parallel to topographic gradient (primarily to the southeast).	

* The groundwater flow direction and the depth to shallow, unconfined groundwater, if present, would likely vary depending upon seasonal variations in rainfall and other hydrogeological features. Without the benefit of on-site groundwater monitoring wells surveyed to a datum, groundwater depth and flow direction beneath the site cannot be directly ascertained.

3.0 HISTORICAL USE INFORMATION

Terracon reviewed the following historical sources to develop a history of the previous uses of the site and surrounding area, in order to help identify RECs associated with past uses. Copies of selected historical documents are included in Appendix C.

3.1 Historical Topographic Maps, Aerial Photographs, and Sanborn Maps

Readily available historical USGS topographic maps, selected historical aerial photographs (at approximately 10-to-15-year intervals) and historical fire insurance maps produced by the Sanborn Map Company were reviewed to evaluate land development and obtain information concerning the history of development on and near the site. Reviewed historical topographic maps, aerial photographs, and Sanborn maps are summarized below.

Historical fire insurance maps produced by the Sanborn Map Company were requested from EDR to evaluate past uses and relevant characteristics of the site and surrounding properties. Based upon inquiries to the above-listed Sanborn provider, Sanborn maps were not available for the site.

- Topographic maps: EDR, **1972, 1976, 1982, 2002, 2013, 2016, 2019, 2022** (1:24,000)
- Aerial photographs: EDR, **1938, 1950, 1958, 1964, 1971, 1976, 1981, 1983, 1993, 1999, 2006, 2009, 2012, 216, 2020** (1:500')
- Sanborn maps: Not available (1:150')

Historical Maps and Aerial Photographs

Direction	Description
Site	Undeveloped, grassy land (1938), two apparent commercial structures (1950), two apparent commercial structures and a storage area (1958, 1964, 1971, 1976, 1981), two commercial structure and apparent ASTs (1983, 1993, 1999, 2006, 2009, 2012), onsite structures razed, grassy and cleared land (2016), undeveloped, grassy land (2020)
North	A railroad and a few roads followed by apparent residential development with grassy and/or agricultural land (1938, 1950, 1958), a road followed by primarily residential development (1964, 1971, 1976, 1981, 1983, 1993, 1999), a road followed by apparent residential and commercial development (2006, 2009, 2012, 2016), the addition of a solar field to the northeast (2020)
East	Undeveloped agricultural land (1938, 1950, 1958, 1964, 1971), apparent residential development (1976, 1981, 1983, 1993, 1999, 2006, 2009, 2012, 2016, 2020)
South	Grassy land and apparent residential and commercial development (1938), apparent residential and commercial development (1950, 1958, 1964, 1971, 1976, 1981, 1983, 1993, 1999, 2006, 2009, 2012, 2016, 2020)
West	A road followed by grassy land (1938), a road followed by grassy land and apparent residential structures (1950, 1958), the addition of a commercial structure, followed by residential structures (1964, 1971, 1976, 1981), residential structures no longer present (1983), a road followed by grassy land (1993, 1999), a road followed by a commercial structure (2006, 2009, 2012, 2016, 2020)

3.2 Historical City Directories

The EDR Digital Archive and Cole Information city directories used in this study were made available through EDR (selected years reviewed: 1992, 1995, 2000, 2005, 2010, 2014, 2017, 2020) and were reviewed at approximate five-year intervals, if readily available. The site is not currently addressed.

Historical City Directories

Direction	Description
Site	Not Addressed
North	105 E. Railroad Street: Street not listed (1992-2020) 303 E. Railroad Street: Street not listed (1992-2020)

Direction	Description
East	400 Locklear Street: Street not listed (1992-2020)
South	105 E 2nd Street: Street not listed (1992), address not listed (1995, 2000, 2005, 2010, 2014, 2017, 2020) 201 W 3rd Street: Street not listed (1992-2020) 111 S. Jones Street: Street not listed (1992), address not listed (1995, 2000), Locklear Retha (2005), address not listed (2010, 2014, 2017), street not listed (2020) 201 S. Jones Street: Street not listed (1992), address not listed (1995, 2000, 2005, 2010, 2014, 2017), street not listed (2020) 203 S. Jones Street: Street not listed (1992), address not listed (1995, 2000, 2005, 2010, 2014, 2017), street not listed (2020) 205 S. Jones Street: Street not listed (1992), address not listed (1995, 2000, 2005, 2010, 2014, 2017), street not listed (2020) 207 S. Jones Street: Street not listed (1992), address not listed (1995, 2000, 2005, 2010, 2014, 2017), street not listed (2020) 204 Union Chapel Road: Locklear Sandra Dr. Office, Masters Dr. Mary Ann (1992), address not listed (1995), Locklear Sandra Dr. Office, Pembroke Optometric Clinic (2000), address not listed (2005, 2010), Dr. Sandra Locklear, Pembroke Eye Clinic, Pembroke Optometric Clinic (2014), Pembroke Optometric Clinic (2017), address not listed (2020) 205 Union Chapel Road: Pembroke Power House (1992), address not listed (1995), <i>Pembroke Oil Co Inc.</i>, Pembroke Public Library (2000), address not listed (2005, 2010), City of Pembroke, Iveys Accounting Service, Inc., Town Clerk (2014), City of Pembroke, Iverys Accounting, Pembroke Power House (2017), address not listed (2020)
West	98 Union Chapple Road: Address not listed (1992, 1995, 2000, 2005, 2010, 2014, 2017, 2020)

3.3 Site Ownership

Based on a review of information obtained from the Robeson County assessor's records, the current site owner for PIN #s 934328657700 and 934328858700 is Pates Supply Company, Inc., and the current site owner for PIN # 934328748500 is Pembroke Oil Company, Inc. The site owner information reviewed is included in Appendix C.

3.4 Title Search

At the direction of the client, a title search was not included as part of the scope of services. Unless notified otherwise, we assume that the client is evaluating this information outside the scope of this report.

3.5 Environmental Liens and Activity and Use Limitations

The EDR regulatory database report included a review of both Federal and State Engineering Control (EC) and Institutional Control (IC) databases. Based on a review of the database report, the site was not listed on the EC or IC databases. Please note that in addition to these federal and state listings, AULs can be recorded at the county and municipal level that may not be listed in the regulatory database report. Environmental lien and activity and use limitation records recorded against the site were not provided by the client. At the direction of the client, performance of a review of these records was not included as part of the scope of services and unless notified otherwise, we assume that the client is evaluating this information outside the scope of this report.

3.6 Interviews Regarding Current and Historical Site Uses

The following individual was interviewed regarding the current and historical use of the site.

Interview

Interviewer	Name / Phone #	Title	Date/Time
Ms. Olivia Veno	Mr. James Tisdale / Bud@tisdalehomes.com	Site Owner	August 28, 2024 / 2:30 AM

Terracon interviewed the site owner, Mr. James Tisdale, via email. Mr. Tisdale stated that he has been associated with the site since 2013 and that the former use of the property was as a cotton warehouse and oil company. Mr. Tisdale stated that he was unaware of how long the site had previously operated as an oil storage facility; however, he assumed it was since the 1950's. Mr. Tisdale stated that he was unaware of any underground or aboveground storage tanks on the property, hazardous waste storage or production, spills, or any other environmental concerns associated with the site, other than what had been discovered during recent investigations. Additionally, Mr. Tisdale stated that there are no wells or septic systems on the property.

3.7 Prior Report Review

Terracon was provided the following prior reports for review:

- Phase I Site Investigation Report
 Pates Supply Company
 Pembroke, Robeson County, North Carolina
 EPA TDD No. 0006/OT-06-022
 Prepared By: Oneida Total Integrated Enterprises (Oneida)
 Prepared For: US EPA – Region 4 and the Town of Pembroke

Terracon was provided with a previous Phase I Investigation Report prepared for the site and dated April 2020. At the time of the site reconnaissance, the site existed as three vacant parcels of land, totaling 2.01-acres. The site was formerly utilized as a bulk storage warehouse, an herbicide/pesticide storage building, and petroleum distribution terminal, where operations ceased between 2009 and 2013. The site was noted to be razed in 2017. The prior Phase I Investigation Report identified the following RECs:

- The facility operated a petroleum distribution terminal that serviced local filling stations. Several large ASTs were used on-site to store petroleum products.
- Pates Supply Company was a licensed pesticides dealer that stored herbicides and pesticides on the subject property; however, information regarding specific chemicals stored and operational practices for managing the materials was unavailable.
- Environmental investigations conducted at the site in 2015 and 2017 indicate a petroleum and pesticide release to soil and groundwater on site. Total Petroleum Hydrocarbons (TPH) Gasoline Range Organics (GRO) concentration detected in soil exceeded the state notification concentrations. Naphthalene, benzene, ethylbenzene, total xylenes, methyl-t-butyl ether (MTBE), vinyl chloride, 1,2-dichloroethane, 4,4'-DDT, toxaphene, nitrate-nitrite-N, and ammonia-N exceeded North Carolina Groundwater Quality Standard (NCGWQS).

Additionally, Oneida identified four surrounding properties that showed evidence for the existence of RECs related to residual contamination from suspected or actual releases:

- Glenn's Quick Stop, listed in the leaking underground storage tank (LUST) database for petroleum constituents in soil and groundwater at elevated concentrations following the removal of the two 6,000-gallon underground storage tanks (USTs) on the property.
- Pembroke Farm Home & Garden is listed as a NC Inactive Hazardous Waste Site as of May 16, 2019. A confirmed release of benzene, ammonia, and nitrate to groundwater was documented in 2016 and 2017.
- The Pantry 3134 is an active fueling station with a lengthy regulatory history involving significant soil and groundwater contamination from a LUST reported incident in June 23, 2003. Abatement actions have included the removal of free product; however, due to access issues associated with the neighboring property owners, the plume is yet to be defined. Clean up actions are ongoing.
- Chavis Property, listed on US Brownfields, is currently a vacant lot but previously operated as Freeman Auto Sale and Pates Supply. A 250-gallon UST used to store gasoline was removed in 2009. A Phase I ESA was completed September 19, 2009; however, information regarding RECs identified was unavailable for review.

Oneida also identified the following data gap:

- Strickland Heights, Dial Terrace, and Shef's Seafood & Company Store, listed as US Brownfields sites, have had Phase I ESAs completed as part of the USEPA Brownfields however, information regarding RECs identified were unavailable for review.

Oneida recommended further soil and groundwater assessment be completed on the subject property to determine the extent of the impact of on-site releases and whether off-site releases from nearby properties have impacted the subject site.

- Brownfields Data Gap Assessment Report
Former Pembroke Bulk Oil Plant
Dated: December 15, 2023
Prepared By: Terracon Consultants, Inc.
Prepared For: Town of Pembroke

Terracon completed a Brownfields Data Gap Assessment for the site, dated December 15, 2023. At the time of drilling activities, the site existed as three parcels of vacant, cleared and grassy land, totaling approximately 2.0-acres of land. On June 12 and 14, 2023, 17 soil samples were collected and submitted for laboratory analysis of VOCs via EPA Method 8260, SVOCs via EPA Method 8270, RCRA 8 Metals via EPA Methods 6010 and 7471, and/or organophosphorus herbicides via EPA Method 8081 and organochlorine pesticides via EPA Method 8141. Terracon oversaw the installation of six monitoring wells, sampled, and sent for laboratory analysis of VOCs via EPA Method 8260, SVOCs via EPA Method 8270, RCRA 8 Metals via EPA Methods 6010D, mercury via EPA Method 7471B, organochlorine pesticides via EPA Method 8081B, and/or organophosphorus herbicides via EPA Method 8141B. Terracon also installed and sampled four temporary soil gas sampling points; however, due to shallow groundwater (less than 4ft bls), they soil gas points were installed at 3.5 feet bls. Four passive soil gas samplers were also installed to supplement the active soil gas points and were sampled and analyzed via EPA Method TO-17.

Soil laboratory analytical results were compared to NCDEQ Protection of Groundwater (PoG), Residential, and Industrial/Commercial Preliminary Soil Remediation Goals (PSRGs). The following constituents were noted to be above the PoG PSRGs:

- Naphthalene was detected above the NCDEQ PoG PSRG in SB-14 and SB-17.
- RCRA 8 metals were not detected above PSRGs except for arsenic which was detected above Residential PSRGs in SB-02, SB-07, and SB-17. Based on a review of available data of naturally occurring elements in soils of North Carolina (Boergen and Shacklette, 1981), the detected arsenic concentrations appear to be consistent with naturally occurring conditions thus, the detections are not indicative of a release.

- Hexavalent chromium was detected above the Residential PSRGs in SB-02, SB-03, SB-07, SB-09, SB-10, SB-11, SB-13, DUP-SB, SB-14, SB-16, and SB-17.
- 2-Methylnaphthalene was detected above PoG PSRGs in SB-16.
- Benz(a)pyrene was detected above PoG PSRGs in SB-05.
- Toxaphene was detected above the Residential PSRGs in DUP-SB and above Non-Residential PSRGs in SB-09 and SB-10.
- Alpha-BHC, beta-BHC, gamma-BHC (Lindane), and toxaphene were detected above the PoG PSRGs in SB-12, SB-13, and DUP-SB.

The NCDEQ risk calculator was utilized to evaluate the risks of contaminants of concern identified in soil at the site. The risk calculator indicated residential use standards are exceeded for soil. Non-residential use standards were not exceeded at the site.

Groundwater analytical results were compared to the 2L Standards. The following constituents were detected above the 2L Standard:

- Benzene; 1,2-dichloroethane; methyl tert-butyl ether; naphthalene; and/or xylenes, were detected above the 2L Standards in samples collected from MW-03 through MW-05.
- 2-Methylnaphthalene and naphthalene were detected above the 2L Standards in MW-03 and/or MW-05.

The NCDEQ risk calculator was utilized to evaluate the risks of contaminants of concern identified in groundwater at the site. The risk calculator indicated residential and non-residential use standards are exceeded for the use of groundwater at the site.

Active soil gas analytical results were compared to the NCDEQ Residential and Non-Residential (SGSLs). The following constituents were detected above their respective SGSLs:

- 1,2,4-Trimethylbenzene; 1,3,5-trimethylbenzene; 1,4-dioxane; benzene; hexane; and/or m, p-xylenes were detected above the Residential SGSLs in SG-01, SG-03, and SG-04.
- 1,2,4-Trimethylbenzene; 2,2,4-trimethylpentane; cumene; ethylbenzene; heptane; m, p-xylene; and/or propylbenzene were detected above the Non-Residential SGSLs in SG-01 and SG-03.

The NCDEQ risk calculator was utilized to evaluate the risks of contaminants of concern identified in soil gas at the site using results from the active soil gas samples. The risk calculator indicated residential and non-residential use standards are exceeded for soil gas at the site.

Analytical results were compared to the NCDEQ Residential and Non-Residential SGSLs. The following constituents were detected above their respective SGSLs:

- 1,2,4-Trimethylbenzene; benzene; and/or hexane were detected above the Residential SGSLs in PSG-01 through PSG-04.
- 1,1,2,2-Tetrachloroethane and heptane were detected above the Non-Residential SGSLs in PSG-04.

The NCDEQ risk calculator was utilized to evaluate the risks of contaminants of concern identified in soil gas at the site using results from the passive soil gas samples. The risk calculator indicated residential use standards are exceeded for soil gas at the site.

Terracon's Data Gap Assessment Report presented the following findings and conclusions:

- Multiple data flags, RPD discrepancies, and or sensitivity failures were identified across all media sampled as part of this investigation; however, when the data set as a whole is evaluated, the null hypothesis can still be evaluated effectively and is accepted. As such, while individual analytes may not meet all DQOs, the data set as a whole is usable to support site management decisions.
- VOCs, SVOCs, RCRA 8 Metals, and organochlorine herbicides were detected in soil and groundwater samples across the site. Organophosphorus pesticides were not detected in the soil or groundwater samples. Specific concentrations can be found in **Table 2** and **Table 3**.
- VOCs were detected in active and passive soil gas samples. Specific concentrations can be found in **Table 4** and **Table 5**.
- Terracon entered results into the NCDEQ Risk Calculator. The risk calculator indicated residential use standards are exceeded for soil. Groundwater concentrations exceeded residential and non-residential risk for the use of groundwater at the site. Active soil gas concentrations exceeded residential and non-residential use standards at the site. Passive soil gas concentrations exceeded residential use standards at the site.

Results from the active and passive soil gas samples were significantly different. Results from the active soil gas samples were higher in concentration and therefore represent a more conservative view of site soil gas conditions. The more conservative, active soil gas results should be used to make recommendations for the site.

The following recommendations were presented:

- Groundwater should not be used for any purpose at the site.

- An Environmental Management Plan (EMP) should be developed to manage the excavation/grading of soil, handling of groundwater and interaction with soil gas as part of any redevelopment activities that disturb soil on site.
- If commercial or residential redevelopment activities of the site occur, a vapor intrusion mitigation system (VIMS) is needed.

The known soil, groundwater, and soil gas contamination found during Terracon's Data Gap Assessment Report constitutes a REC to the site.

4.0 RECORDS REVIEW

Regulatory database information was provided by EDR, a contract information services company, in a report dated July 29, 2024. The purpose of the records review was to identify RECs in connection with the site. Information in this section is subject to the accuracy of the data provided by the information services company and the date on which the information is updated. The scope herein did not include confirmation of facilities listed as "unmappable" by regulatory databases.

In some of the following subsections, the words up-gradient, cross-gradient, and down-gradient refer to the topographic gradient in relation to the site. As stated previously, the groundwater flow direction and the depth to shallow groundwater, if present, would likely vary depending upon seasonal variations in rainfall and the depth to the soil/bedrock interface. Without the benefit of on-site groundwater monitoring wells surveyed to a datum, groundwater depth and flow direction beneath the site cannot be directly ascertained.

4.1 Federal and State/Tribal Databases

Listed below are the facility listings identified on federal and state/tribal databases within the ASTM-required search distances from the approximate site boundaries. Database definition, descriptions, and the database search report are included in Appendix D.

Federal Databases

Database	Description	Distance (miles)	Listings
CERC	Comprehensive Environmental Response, Compensation and Liability Information System - CERCLIS	0.5	0
CERL	CERCLIS Liens	Site	0
CNFR	CERCLIS - No Further Remedial Action Planned	0.5	0

Database	Description	Distance (miles)	Listings
EC	Federal Engineering Controls-ECs	0.5	0
ERNS	Emergency Response Notification System	Site	0
FBFL	The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database	0.5	0
FRS	Facility Registry Service/Facility Index	Site	0
HMIR	Hazardous Materials Information Reporting System	0.10	0
HTSC	Hist TSCA	0.10	0
IC	Federal Institutional Controls- ICs	0.5	0
IODI	EPA Report on the Status of Open Dumps on Indian Lands	0.5	0
NCDL	National Clandestine Drug Labs	Site	0
NPL	National Priority List	1	0
NPLD	Delisted NPL	0.5	0
NPLP	National Priority List - Proposed	1	0
ODI	Inventory of Open Dumps, June 1985	0.5	0
RCOR	RCRA CORRACTS- Corrective Action	1	0
RGEN	RCRA Generator List	0.25	1
RNGN	RCRA Non-Generators	0.25	1
RTSD	RCRA non-CORRACTS TSD Facilities	0.5	0
TRI	Toxics Release Inventory (TRI) Program	Site	0
TSCA	Toxic Substances Control Act	0.10	0

State/Tribal Databases

Database	Description	Distance (miles)	Listings
AUL	Uniform Environmental Covenants	0.5	0
BFLD	Brownfields Public Record List	0.5	8
DSHW	Delisted Hazardous Site Inventory Listing	1	0
HSDS	Hazardous Substance Disposal Sites	1	0

Database	Description	Distance (miles)	Listings
ILST	Leaking Underground Storage Tanks (LUSTs) on Indian Lands	0.5	0
IMD	Incident Management Database	0.5	0
INST	Institutional Controls (Public Record List)	0.5	0
IUST	Underground Storage Tanks (USTs) on Indian Lands	0.25	0
LUST	Leaking Underground Storage Tanks	0.5	9
LAST	Leaking Aboveground Storage Tanks	0.5	0
NHSI	Non-Hazardous Site Inventory	1	0
SHWS	Hazardous Site Inventory	1	1
SPL	Oil or Hazardous Material Spills or Releases	0.10	0
SWF	Solid Waste Disposal Facilities	0.5	0
UST	Underground Storage Tanks	0.25	9
VCP	Voluntary Remediation Program	0.5	0

In addition to the above ASTM-required listings, Terracon reviewed other federal, state, local, and proprietary databases provided by the database firm. A list of the additional reviewed databases is included in the regulatory database report in Appendix D.

Listed Facilities

Facility Name and Location	Estimated Distance / Direction / Gradient	Database Listings	Is a REC, CREC, or HREC to the Site
Pates Supply Company / 2 Jones Street	Site	US Brownfields	REC
Maynor Manor / 207 E 2 nd Street	Adjacent / South / Cross-gradient	US Brownfields, FINDS	No, see below discussion
Southern Bell – GLC 2C128 / Second Street	75 feet / Southwest / Cross-gradient	UST	No, see below discussion

Facility Name and Location	Estimated Distance / Direction / Gradient	Database Listings	Is a REC, CREC, or HREC to the Site
Glenn Quick Stop / 101 E. Railroad Street	400 feet / Northwest / Up-gradient	LUST, IMD	No, see below discussion

Pates Supply Company

Pates Supply Company, located on site, was listed on the US Brownfields database with Property No's. 350601004, 350601005, and 35060100501. According to a prior Phase I ESA conducted by Oneida, and provided to Terracon for review, stated that Pates Supply Company was a licensed pesticides dealer that stored herbicides and pesticides on the subject property; however, information regarding specific chemicals stored and operational practices for managing the materials was unavailable. The lack of information regarding Pates Supply Company operating on site constitutes a significant data gap and a REC to the site.

Additionally, Terracon reviewed the NCDEQ Division of Waste Management Site Locator Tool Website (Laserfiche). According to a Limited Site Investigation (LSI) conducted by Mid-Atlantic and dated April 26, 2017, the site formerly existed as a former bulk storage facility, a former herbicide/pesticide storage facility, and housed aboveground storage tanks. Analysis of groundwater samples collected during the LSI indicated petroleum-based groundwater contamination above the NCDWQS levels at the site in the vicinity of the former AST hold area and pesticide groundwater contamination was also present above the NCDWQS within the footprint of the former herbicide/pesticide storage building. Mid-Atlantic recommended further investigation be conducted at the property. A Brownfields Data Gap Assessment Report dated December 15, 2023 was conducted for the site by Terracon Consultants and is further described in Section 3.7. The Brownfields Data Gap Assessment identified soil, soil gas, and groundwater contamination at the site. VOCs, SVOCs, RCRA 8 Metals, and organochlorine herbicides were detected in soil and groundwater samples across the site. VOCs were detected in active and passive soil gas samples. Terracon entered results into the NCDEQ Risk Calculator which indicated residential use standards were exceeded for soil. Groundwater concentrations exceeded residential and non-residential risk for the use of groundwater at the site. Active soil gas concentrations exceeded residential and non-residential use standards at the site, and passive soil gas concentrations exceeded residential use standards at the site. The known soil, groundwater, and soil gas contamination at the site, constitutes a REC.

Maynor Manor

The Maynor Manor Facility, located adjacent to the south and topographically cross-gradient relative to the site was listed on the US Brownfields and Facility Index System

(FINDS) databases. The facility was listed on the US Brownfields database with Property ID: 109086 and Grant type: Petroleum, and a start date of June 5, 2009 and an end date of July 17, 2009. The facility was also listed on the FINDS database with Registry ID: 110070247788. No other pertinent information was provided. The Maynor Manor facility does not constitute a REC to the site.

Southern Bell GLC 2C128

The Southern Bell facility, located approximately 75 feet southeast and topographically cross-gradient relative to the site, was listed on the Underground Storage Tank (UST) database for one 550-gallon diesel UST that was noted to be installed on the property on August 20, 1987 and permanently closed on November 13, 1996. Terracon attempted to review documentation regarding the UST closure from the NCDEQ Laserfiche website. Terracon reviewed a Site Investigation Report for Permanent Closure or Change in Service of UST dated February 3, 1997. On November 13, 1996, a 550-gallon diesel UST was removed from the property. A composite sample collected from the stockpiled soil yielded Total Petroleum Hydrocarbons (TPH) Diesel Range Organics (DRO) concentration of 190 mg/Kg. According to a site area map, the former UST was depicted to be located approximately 205 feet southwest of the site boundary. A Letter from the Division of Water Quality dated February 7, 1997 stated that a review of the closure report from the UST system by groundwater staff indicates that no additional excavation, nor monitoring if required. Based on the lack of additional excavation or monitoring required, and the distance from the site boundary to the former UST location, the facility does not constitute a REC to the site. A copy of the review documentation is provided in Appendix C.

Glenn Quick Stop

The Glenn Quick Stop facility, located approximately 400 feet northwest and topographically up-gradient relative to the site, was listed on the Leaking Underground Storage Tank (LUST) and Incident Management Database (IMD) databases with Incident No/Facility ID: 18221 for soil and groundwater contamination found during a UST removal. The incident is listed with a status of "closed out" and a closure date of April 30, 2021. According to documentation reviewed from the NCDEQ Laserfiche website, the site was enrolled in the State Lead Program in August 2020 from assessment of soil and groundwater contamination detected during a July 1997 UST removal.

A Notice of Residual Petroleum (NRP) was issued for the facility on April 14, 2021. The NRP stated the following perpetual land use restrictions:

- Groundwater: Groundwater from the property is prohibited from use as a water supply from any from any other location than the current one. No new water supply wells of any kind shall be installed or operated on the site until the residual groundwater contamination can be shown to be within North Carolina Groundwater Standards.

A Notice of No Further Action (NFA) was issued for the facility on April 30, 2021. Based on the distance, land use restrictions, and NFA, the property does not constitute a REC to the site. A copy of the NRP and NFA are provided in Appendix C.

The remaining facilities listed in the database report do not appear to represent a REC to the site at this time based upon regulatory status, apparent topographic gradient, and/or distance from the site.

Unmapped facilities are those that do not contain sufficient address or location information to evaluate the facility listing locations relative to the site. The report listed one facility in the unmapped section. Determining the location of the unmapped facility is beyond the scope of this report; however, the facility was not determined to be adjoining. The unmapped section can be viewed in Appendix D.

4.2 Local Agency Inquiries

Agency Contacted/ Contact Method	Response
Robeson County Health Department / info@robesoncountync.gov	Terracon submitted a request via email to the Robeson County Health Department on August 13, 2024. At the time of report completion, a response has not been received.
Town of Pembroke Fire Department / (910) 521-4131	Terracon submitted a request via phone to the Town of Pembroke fire Department on August 13, 2024. At the time of report completion, a response has not been received.

5.0 SITE RECONNAISSANCE

5.1 General Site Information

Information contained in this section is based on a visual reconnaissance conducted while walking through the site and the accessible interior areas of structures, if any, located on the site. The site and adjoining properties are depicted on the Site Diagram, which is included in Exhibit 2 of Appendix A. Photo documentation of the site at the time of the visual reconnaissance is provided in Appendix B. Credentials of the individuals planning and conducting the site visit are included in Appendix E.

General Site Information

Site Reconnaissance	
Field Personnel	Mr. Alexander Manolukas
Reconnaissance Date	July 31, 2024
Weather Conditions	Sunny / 80°F
Site Contact/Title	Unaccompanied
Site Utilities	
Drinking Water	Town of Pembroke
Wastewater	Town of Pembroke
Electric	Duke Energy
Natural Gas	Dominion Energy

5.2 Overview of Current Site Occupants

The site consists of three parcels of land (Robeson County PIN #s 350601004, 350601005, and 35060100501), totaling approximately two-acres, located at the intersection of South Jones Street and Blaine Street in Pembroke, Robeson County, North Carolina. The site currently consists of undeveloped, grassy land that is utilized as a storage area for nearby construction activities.

5.3 Overview of Current Site Operations

The site is currently vacant.

5.4 Site Observations

The following table summarizes site observations and interviews. Affirmative responses (designated by an "X") are discussed in more detail following the table.

Site Characteristics

Category	Item or Feature	Observed or Identified
Site Operations, Processes, and Equipment	Emergency generators	
	Elevators	
	Air compressors	
	Hydraulic lifts	

Category	Item or Feature	Observed or Identified
	Dry cleaning	
	Photo processing	
	Ventilation hoods and/or incinerators	
	Waste treatment systems and/or water treatment systems	
	Heating and/or cooling systems	
	Paint booths	
	Sub-grade mechanic pits	
	Wash-down areas or carwashes	
	Pesticide/herbicide production or storage	
	Printing operations	
	Metal finishing (electroplating, chrome plating, galvanizing, etc.)	
	Salvage operations	
	Oil, gas, or mineral production	
	Other processes or equipment	
Aboveground Chemical or Waste Storage	Aboveground storage tanks	
	Drums, barrels, and/or containers ≥ 5 gallons	X
	MSDS or SDS	
Underground Chemical or Waste Storage, Drainage or Collection Systems	Underground storage tanks or ancillary UST equipment	
	Sumps, cisterns, French drains, catch basins, and/or dry wells	
	Grease traps	
	Septic tanks and/or leach fields	
	Oil/water separators, clarifiers, sand traps, triple traps, interceptors	
	Pipeline markers	
	Interior floor drains	
Electrical Transformers/PCBs	Transformers and/or capacitors	
	Other equipment	

Category	Item or Feature	Observed or Identified
Releases or Potential Releases	Stressed vegetation	
	Stained soil	
	Stained pavement or similar surface	
	Leachate and/or waste seeps	
	Trash, debris, and/or other waste materials	
	Dumping or disposal areas	
	Construction/demolition debris and/or dumped fill dirt	X
	Surface water discoloration, odor, sheen, and/or free-floating product	
	Strong, pungent, or noxious odors	
	Exterior pipe discharges and/or other effluent discharges	
Other Notable Site Features	Surface water bodies	
	Quarries or pits	
	Wastewater lagoons	
	Wells	
	Pump Station	

Aboveground Chemical or Waste Storage

Drums, barrels, and/or containers $\geq$ 5 gallons

Terracon observed four drums, located on the northeastern portion of the site. The drums were labeled as IDW soil and water, from a previous Terracon sampling event. Terracon is coordinating drum pick up and IDW disposal outside the scope of this Phase I ESA. Evidence of release or staining was not observed within the vicinity of the drums. As such, the drums do not constitute a REC to the site.

Releases or Potential Releases

Construction/demolition debris and/or dumped fill dirt

Terracon observed numerous stacked concrete culverts, several soil and gravel stockpiles and packaged wattles throughout the area of the site. Evidence of hazardous waste or petroleum productions were not observed among the materials. Based on the site observations, the materials do not constitute a REC to the site.

6.0 ADJOINING PROPERTY RECONNAISSANCE

Visual observations of adjoining properties (from site boundaries) are summarized below.

Adjoining Properties

Direction	Description
North	A railroad followed by E Railroad Street
East	Maynor Manor Community Center (400 Locklear Street)
South	Single-family residential structures (201, 203, 205, and 207 E. 2 nd Street)
West	Jones Street followed by the Town of Pembroke office (98 Union Chapel Road)

RECs were not observed with the current adjoining properties operations.

7.0 ADDITIONAL SERVICES

Per the agreed scope of services specified in the proposal, additional services (asbestos sampling, lead-based paint sampling, wetlands evaluation, lead in drinking water testing, radon testing, vapor encroachment screening, etc.) were not conducted.

8.0 DECLARATION

I, Hayley Irick, PG, declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in Section 312.10 of 40 CFR 312; and I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the site. I have developed and performed the All Appropriate Inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



Hayley Irick, PG
Environmental Department Manager

APPENDIX A

EXHIBIT 1: TOPOGRAPHIC MAP

EXHIBIT 2: SITE DIAGRAM



0 500 1,000
Feet

CONTOUR INTERVAL: 10FT
USGS TOPOGRAPHIC MAP
SITE: PEMBROKE, NC QUADRANGLE (2022)

PM: OAV
Drawn By: OAV
Checked By: HMI
Approved By: HMI

Project No. 70237084
Scale: 1:10,000
Filename: 70237084
Date: August 2024

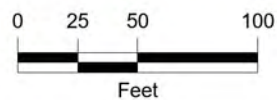
Terracon
2401 Brentwood Road, Suite 107 Raleigh, NC 27604
Phone: (919) 873-2211 Fax: (919) 873-9555

Topographic Vicinity Map
Phase I ESA
Former Pembroke Bulk Oil Plant
Jones Street and Blaine Street
Pembroke, Robeson County, North Carolina

FIGURE NO.
1



- Site Boundary
- Robeson County Parcels
- Concrete Culvert Storage Area
- Gravel and Land Clearing Piles
- 4 IDW Drums
- Packaged Wattles



PM:	HMI
Drawn By:	OAV
Checked By:	HMI
Approved By:	HMI
Project No.	70237084
Scale:	1 in = 80 ft.
Filename:	70237084
Date:	August 2024

2401 Brentwood Road, Suite 107 Raleigh, NC 27604
Phone: (919) 873-2211 Fax: (919) 873-9555

Site Diagram
Phase I ESA Jones Street and Blaine Street Pembroke, Robeson County, North Carolina

EXHIBIT NO.
2

APPENDIX B
SITE PHOTOGRAPHS



Photo 1 View of site; facing south.



Photo 2 View of site; facing north.



Photo 3 View of site; facing northeast.



Photo 4 View of site; facing southeast.



Photo 5 View of the IDW drums located on the northeastern portion of the site.



Photo 6 View of the western adjacent property; facing west.



Photo 7 View of southern adjacent property; facing south.



Photo 8 View of eastern adjacent property; facing east.



Photo 9 View of northern adjacent property; facing north.

APPENDIX C

**HISTORICAL DOCUMENTATION AND USER
QUESTIONNAIRE**



Pembroke Former Bulk Oil Plant
South Jones Street and Blaine Street
Pembroke, NC 28372

Inquiry Number: 7719943.4

July 29, 2024

EDR Historical Topo Map Report

with QuadMatch™



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

EDR Historical Topo Map Report

07/29/24

Site Name:

Pembroke Former Bulk Oil Plai
South Jones Street and Blaine
Pembroke, NC 28372
EDR Inquiry # 7719943.4

Client Name:

Terracon
2401 Brentwood Rd.
Raleigh, NC 27604
Contact: Olivia Veno



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Terracon were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:**Coordinates:**

P.O.#	NA	Latitude:	34.68007 34° 40' 48" North
Project:	70237084, Task 9	Longitude:	-79.190492 -79° 11' 26" West
		UTM Zone:	Zone 17 North
		UTM X Meters:	665770.50
		UTM Y Meters:	3839054.71
		Elevation:	169.00' above sea level

Maps Provided:

2022
2019
2016
2013
2002
1982
1976
1972

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2022 Source Sheets



Pembroke
2022
7.5-minute, 24000

2019 Source Sheets



Pembroke
2019
7.5-minute, 24000

2016 Source Sheets



Pembroke
2016
7.5-minute, 24000

2013 Source Sheets



Pembroke
2013
7.5-minute, 24000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2002 Source Sheets



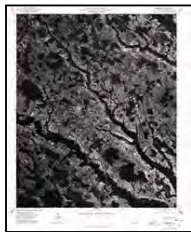
Pembroke
2002
7.5-minute, 24000
Aerial Photo Revised 1981

1982 Source Sheets



Pembroke
1982
7.5-minute, 24000
Aerial Photo Revised 1981

1976 Source Sheets

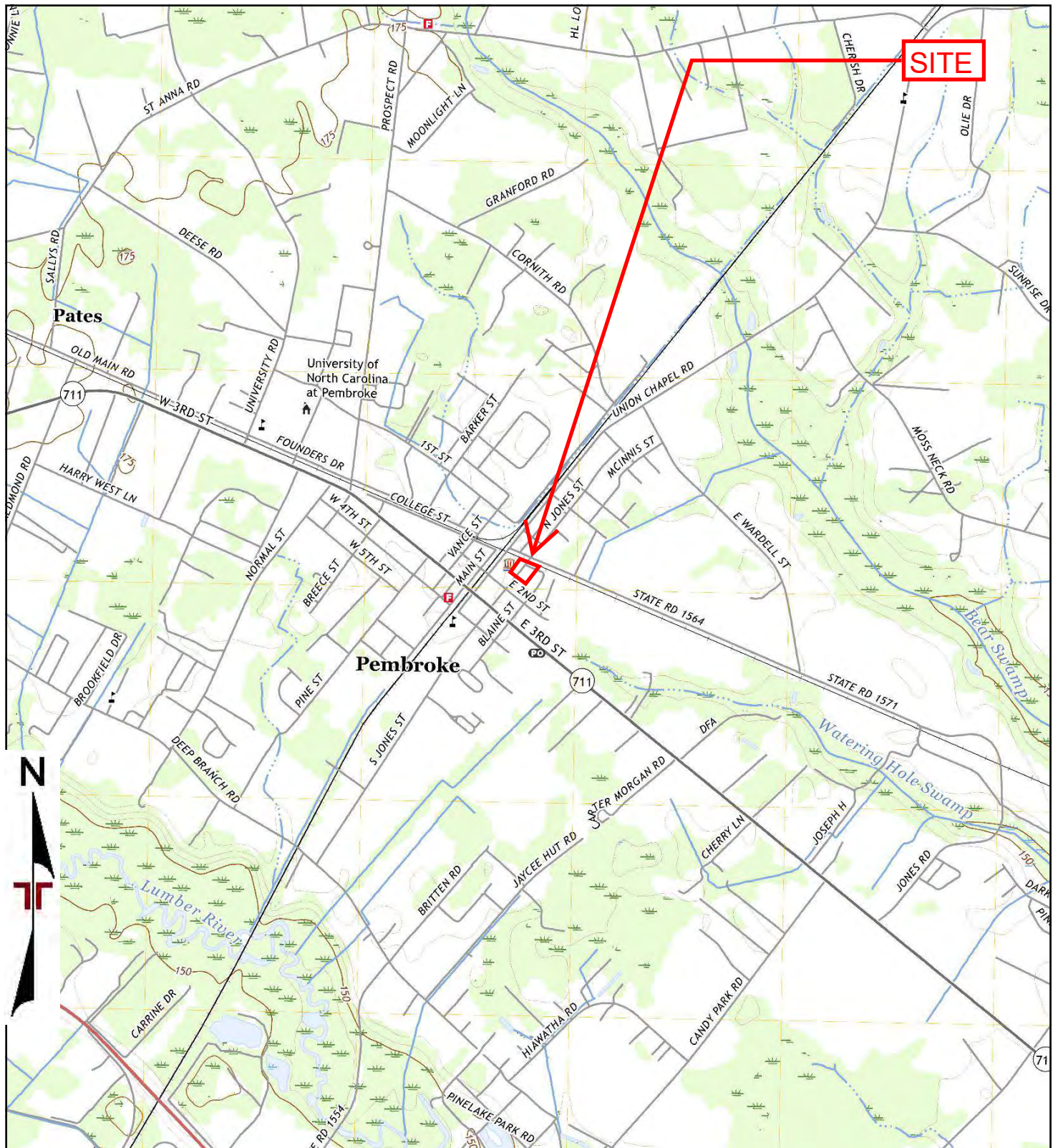


Pembroke
1976
7.5-minute, 24000
Aerial Photo Revised 1976

1972 Source Sheets



Pembroke
1972
7.5-minute, 24000
Aerial Photo Revised 1971



TP, Pembroke, 2022, 7.5-minute



Project Manager:	Project No. 70237084, Task
Drawn by:	Scale: As Shown
Checked by:	File Name:
Approved by:	Date: 2022

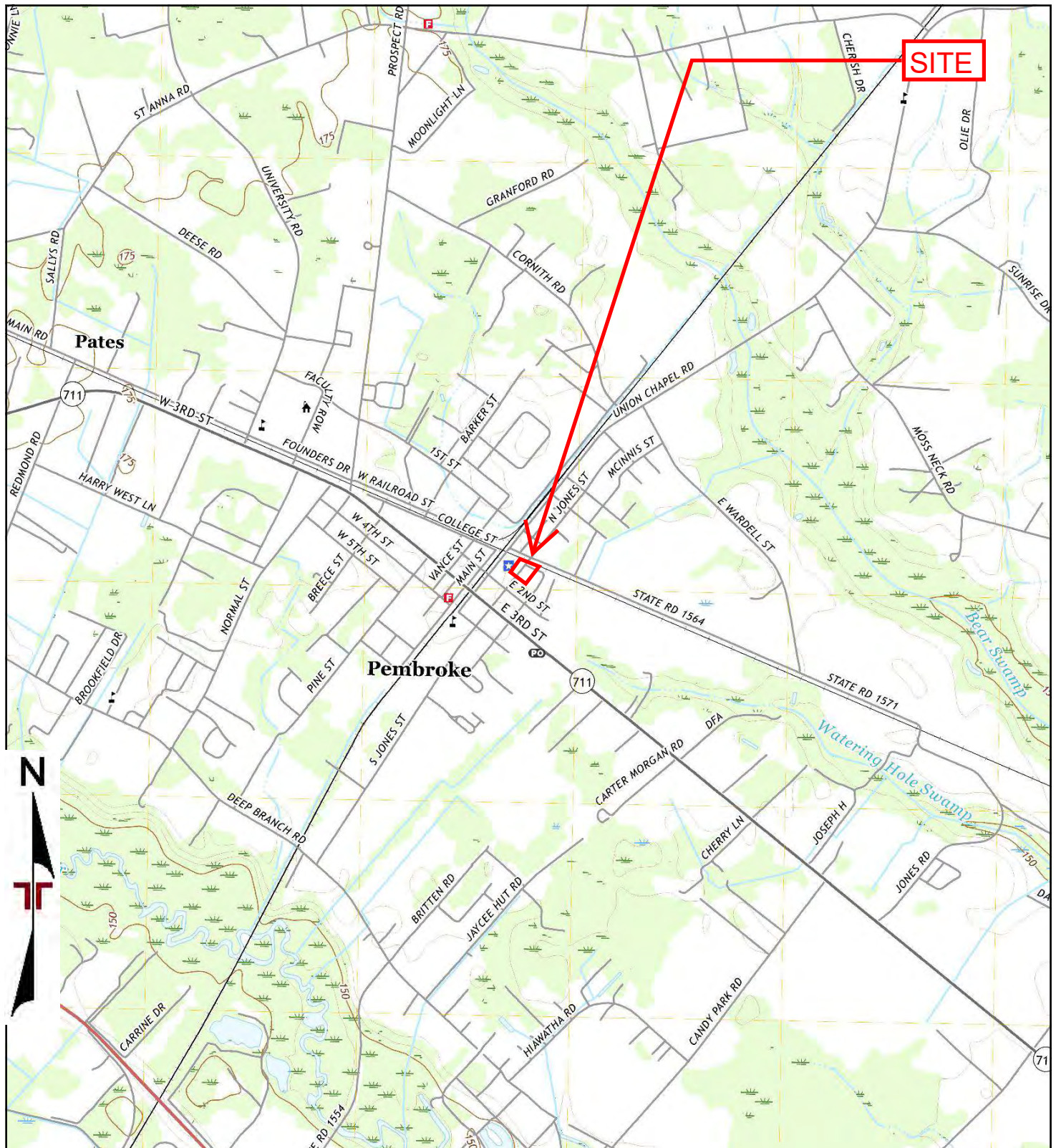
Terracon
2401 Brentwood Rd.
Raleigh, NC 27604

2022 TOPOGRAPHIC MAP

Pembroke Former Bulk Oil Plant
South Jones Street and Blaine Street
Pembroke, NC 28372

Appendix

C



TP, Pembroke, 2019, 7.5-minute



Project Manager:	Project No. 70237084, Task
Drawn by:	Scale: As Shown
Checked by:	File Name:
Approved by:	Date: 2019



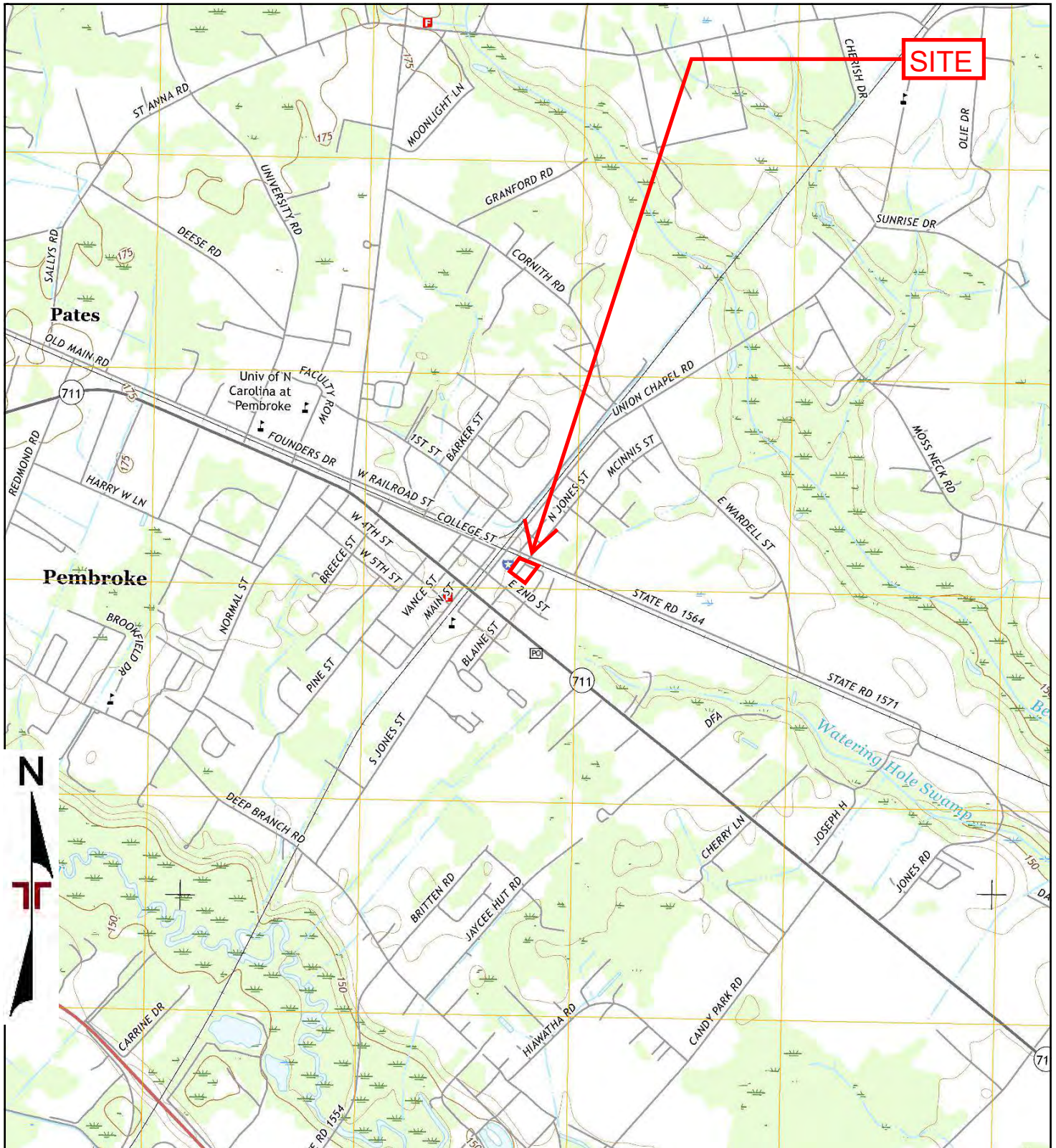
2401 Brentwood Rd.
Raleigh, NC 27604

2019 TOPOGRAPHIC MAP

Pembroke Former Bulk Oil Plant
South Jones Street and Blaine Street
Pembroke, NC 28372

Appendix

C



TP, Pembroke, 2016, 7.5-minute



Project Manager:	Project No. 70237084, Task
Drawn by:	Scale: As Shown
Checked by:	File Name:
Approved by:	Date: 2016



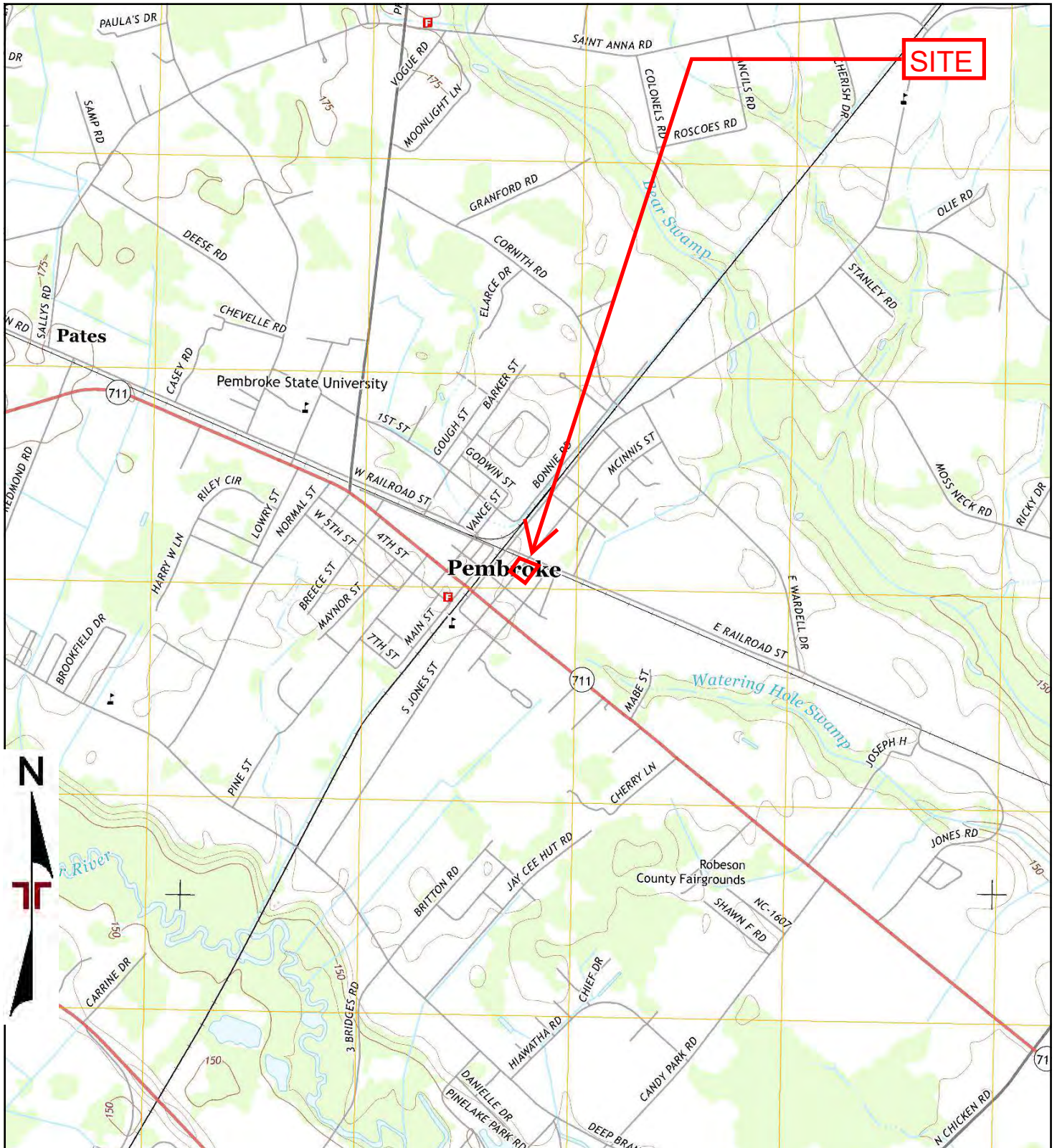
2401 Brentwood Rd.
Raleigh, NC 27604

2016 TOPOGRAPHIC MAP

Pembroke Former Bulk Oil Plant
South Jones Street and Blaine Street
Pembroke, NC 28372

Appendix

C



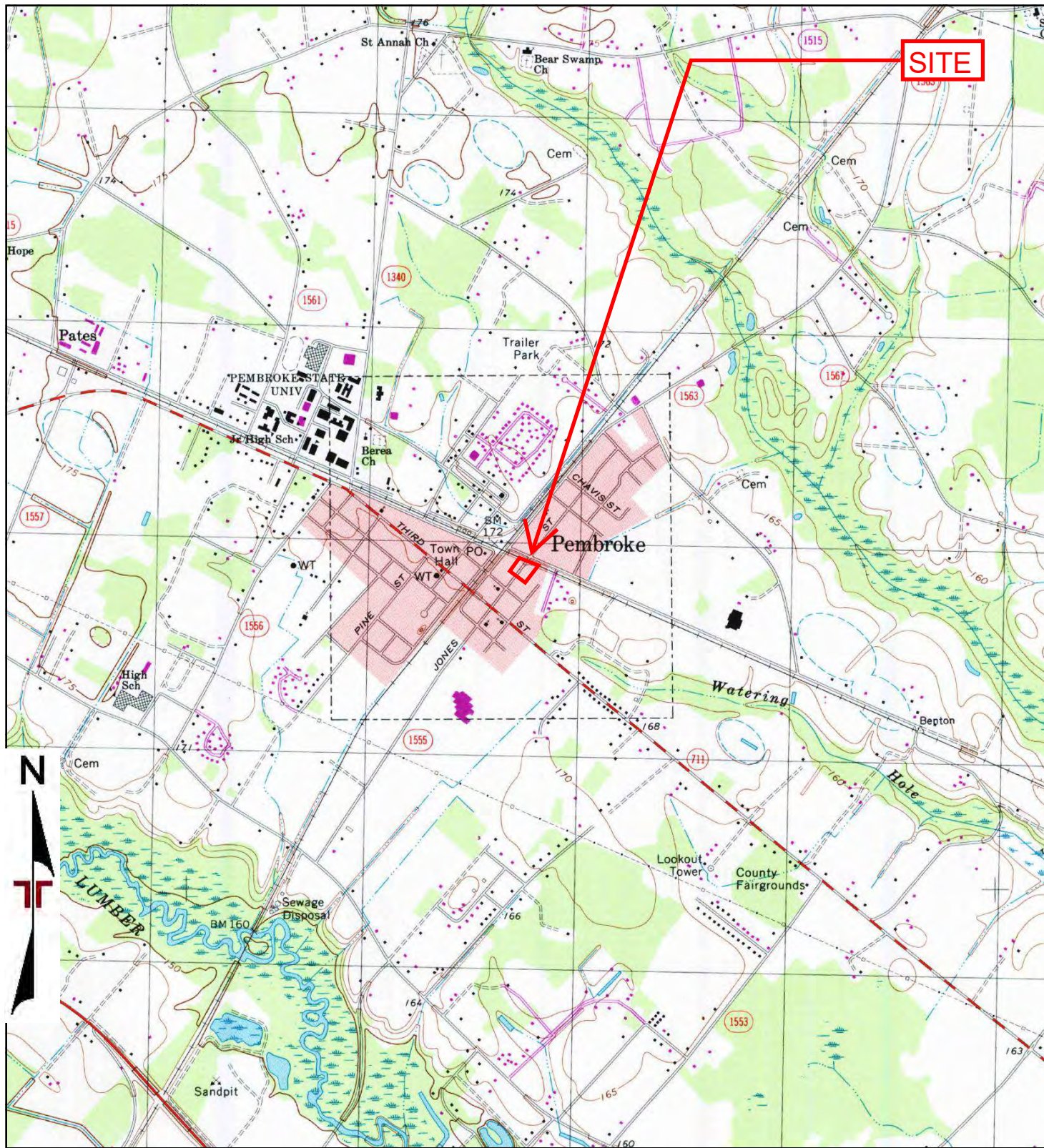
TP, Pembroke, 2013, 7.5-minute



Project Manager:	Project No. 70237084, Task
Drawn by:	Scale: As Shown
Checked by:	File Name:
Approved by:	Date: 2013

2401 Brentwood Rd.
Raleigh, NC 27604

2013 TOPOGRAPHIC MAP	Appendix
Pembroke Former Bulk Oil Plant South Jones Street and Blaine Street Pembroke, NC 28372	C



TP, Pembroke, 2002, 7.5-minute



Project Manager:	Project No. 70237084, Task
Drawn by:	Scale: As Shown
Checked by:	File Name:
Approved by:	Date: 2002

Terracon

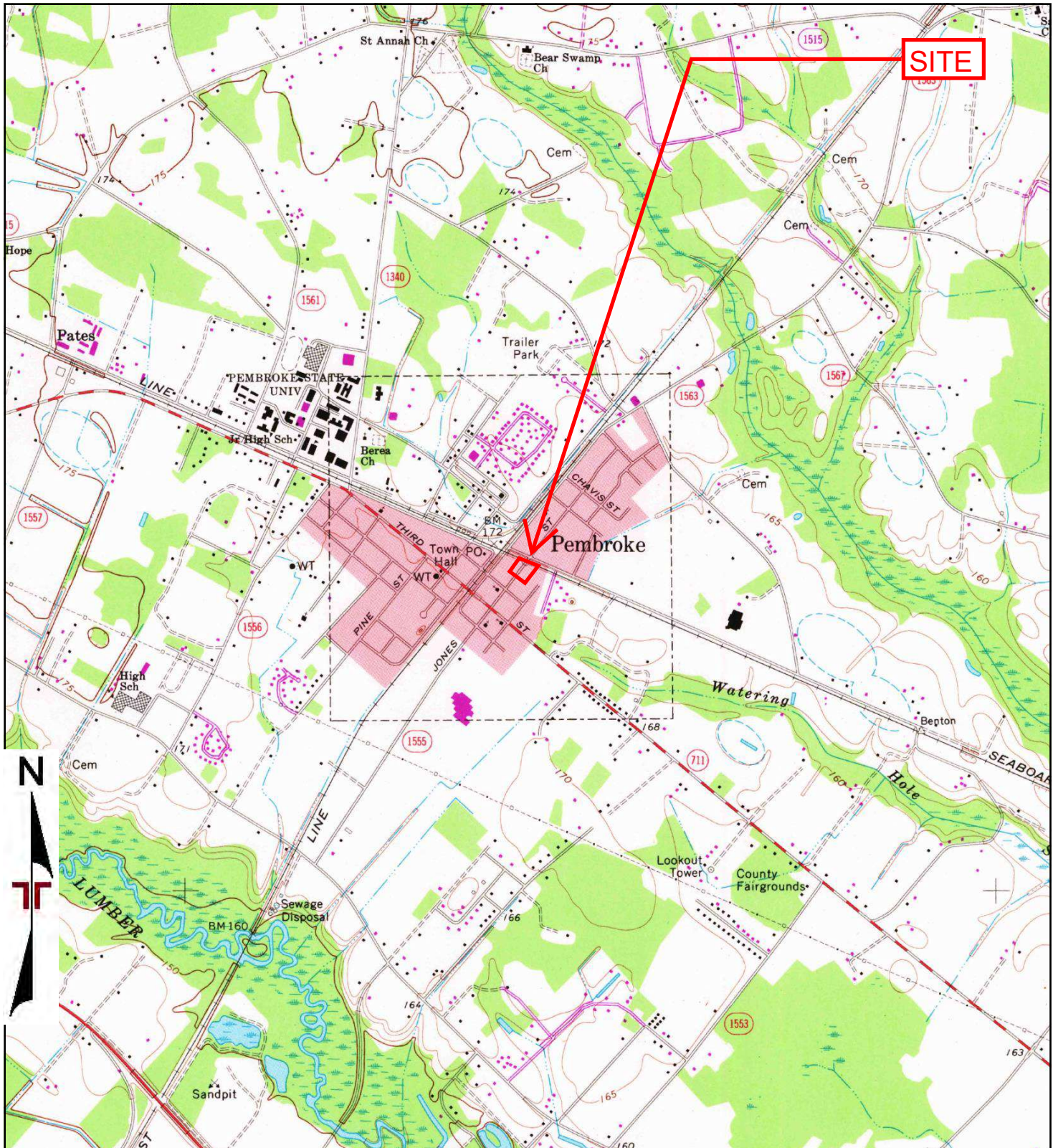
2401 Brentwood Rd.
Raleigh, NC 27604

2002 TOPOGRAPHIC MAP

Pembroke Former Bulk Oil Plant
South Jones Street and Blaine Street
Pembroke, NC 28372

Appendix

C



TP, Pembroke, 1982, 7.5-minute



Project Manager:	Project No. 70237084, Task
Drawn by:	Scale: As Shown
Checked by:	File Name:
Approved by:	Date: 1982



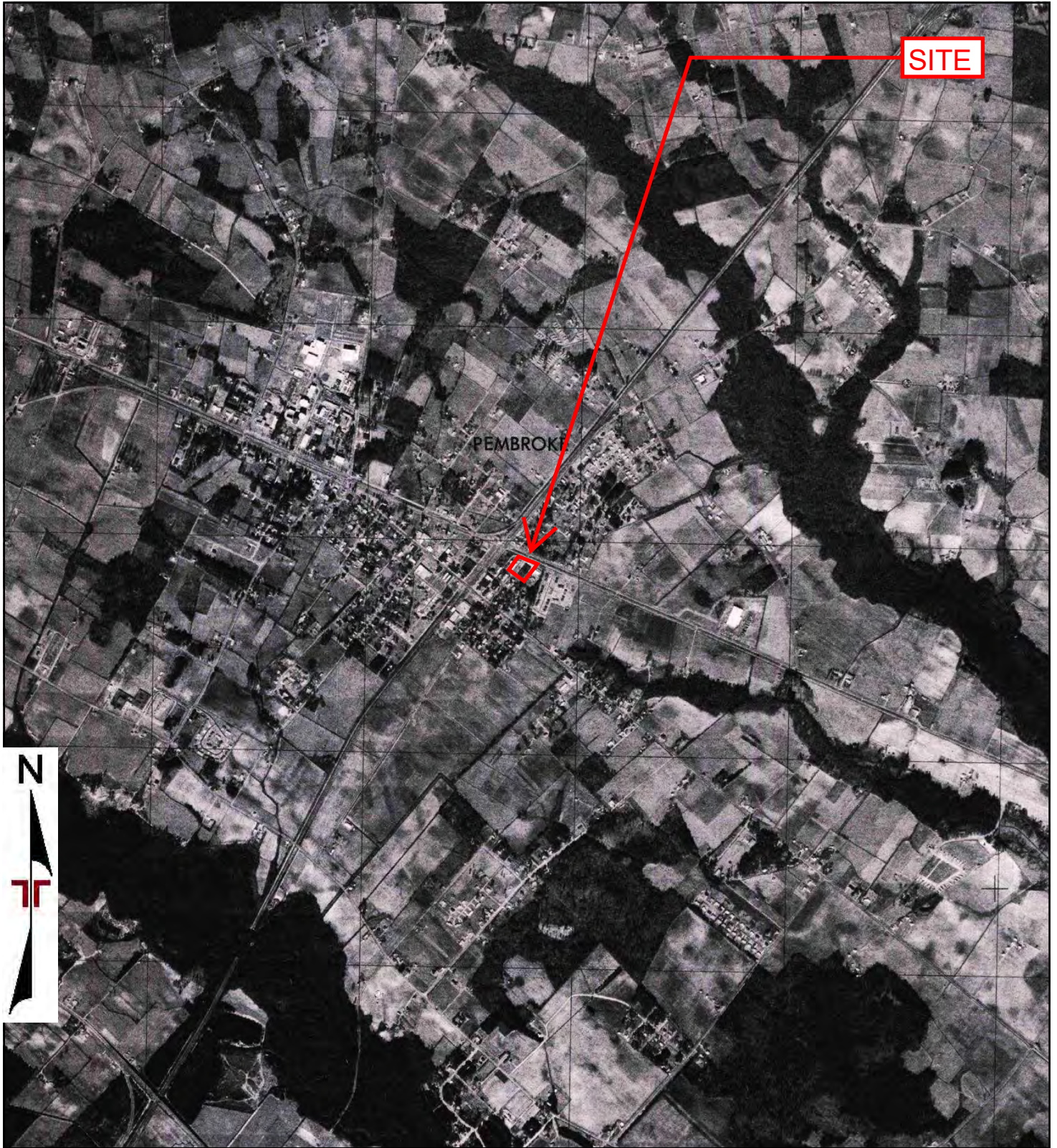
2401 Brentwood Rd.
Raleigh, NC 27604

1982 TOPOGRAPHIC MAP

Pembroke Former Bulk Oil Plant
South Jones Street and Blaine Street
Pembroke, NC 28372

Appendix

C



TP, Pembroke, 1976, 7.5-minute

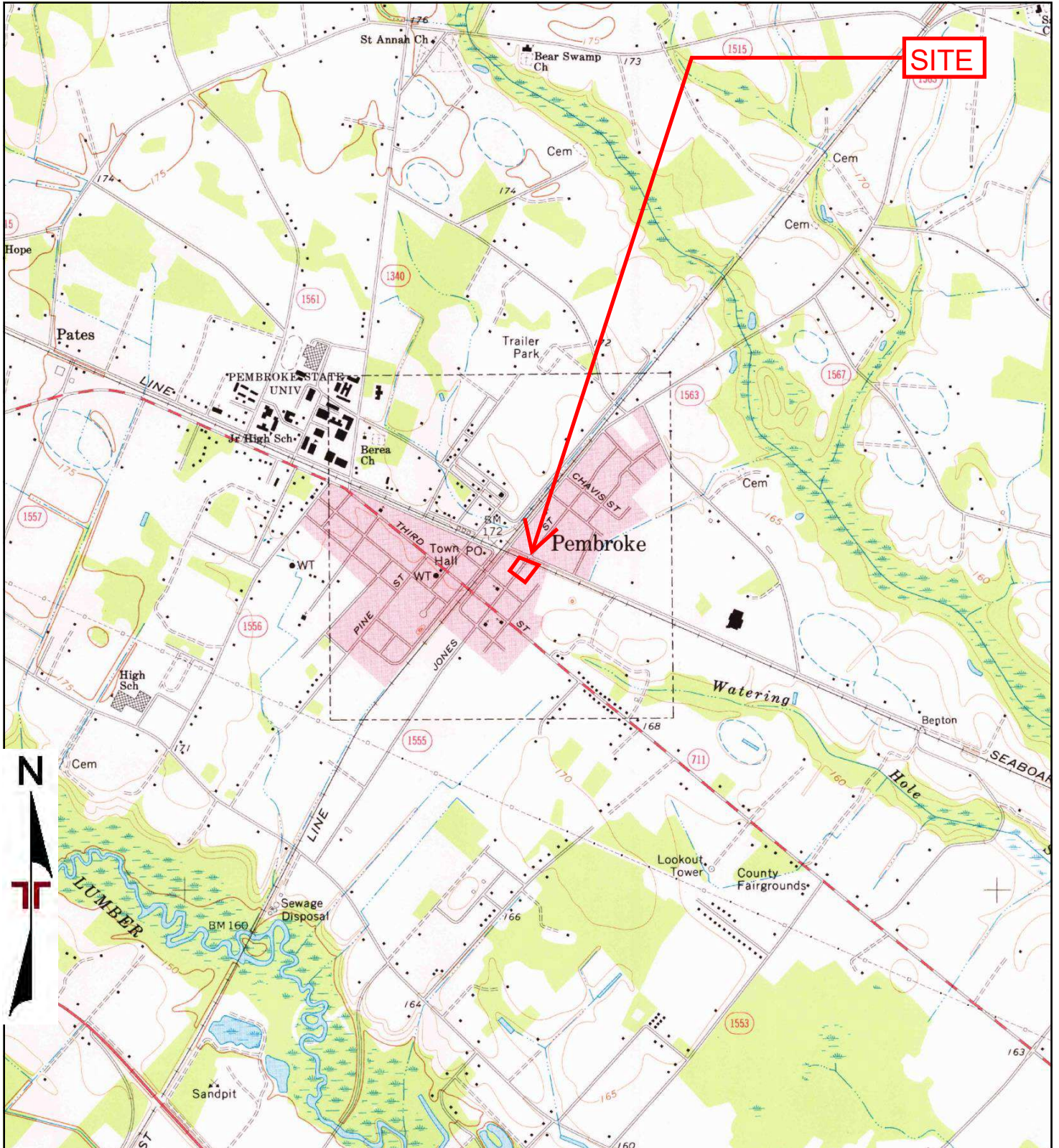


Project Manager:	Project No. 70237084, Task
Drawn by:	Scale: As Shown
Checked by:	File Name:
Approved by:	Date: 1976



2401 Brentwood Rd.
Raleigh, NC 27604

1976 TOPOGRAPHIC MAP	Appendix
Pembroke Former Bulk Oil Plant South Jones Street and Blaine Street Pembroke, NC 28372	C



TP, Pembroke, 1972, 7.5-minute



Project Manager:	Project No. 70237084, Task
Drawn by:	Scale: As Shown
Checked by:	File Name:
Approved by:	Date: 1972

Terracon

2401 Brentwood Rd.
Raleigh, NC 27604

1972 TOPOGRAPHIC MAP
Pembroke Former Bulk Oil Plant
South Jones Street and Blaine Street
Pembroke, NC 28372

Appendix
C

Pembroke Former Bulk Oil Plant

South Jones Street and Blaine Street

Pembroke, NC 28372

Inquiry Number: 7719943.8

July 30, 2024

The EDR Aerial Photo Decade Package



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

EDR Aerial Photo Decade Package

07/30/24

Site Name:

Pembroke Former Bulk Oil Plar
South Jones Street and Blaine
Pembroke, NC 28372
EDR Inquiry # 7719943.8

Client Name:

Terracon
2401 Brentwood Rd.
Raleigh, NC 27604
Contact: Olivia Veno



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2020	1"=500'	Flight Year: 2020	USDA/NAIP
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1999	1"=500'	Acquisition Date: January 01, 1999	USGS/DOQQ
1993	1"=500'	Acquisition Date: February 24, 1993	USGS/DOQQ
1983	1"=500'	Flight Date: April 12, 1983	USDA
1981	1"=500'	Flight Date: January 24, 1981	USGS
1976	1"=500'	Flight Date: January 15, 1976	USGS
1971	1"=500'	Flight Date: April 01, 1971	USGS
1964	1"=500'	Flight Date: September 26, 1964	USGS
1958	1"=500'	Flight Date: January 01, 1958	USGS
1950	1"=500'	Flight Date: November 21, 1950	USGS
1938	1"=500'	Flight Date: January 01, 1938	FirstSearch

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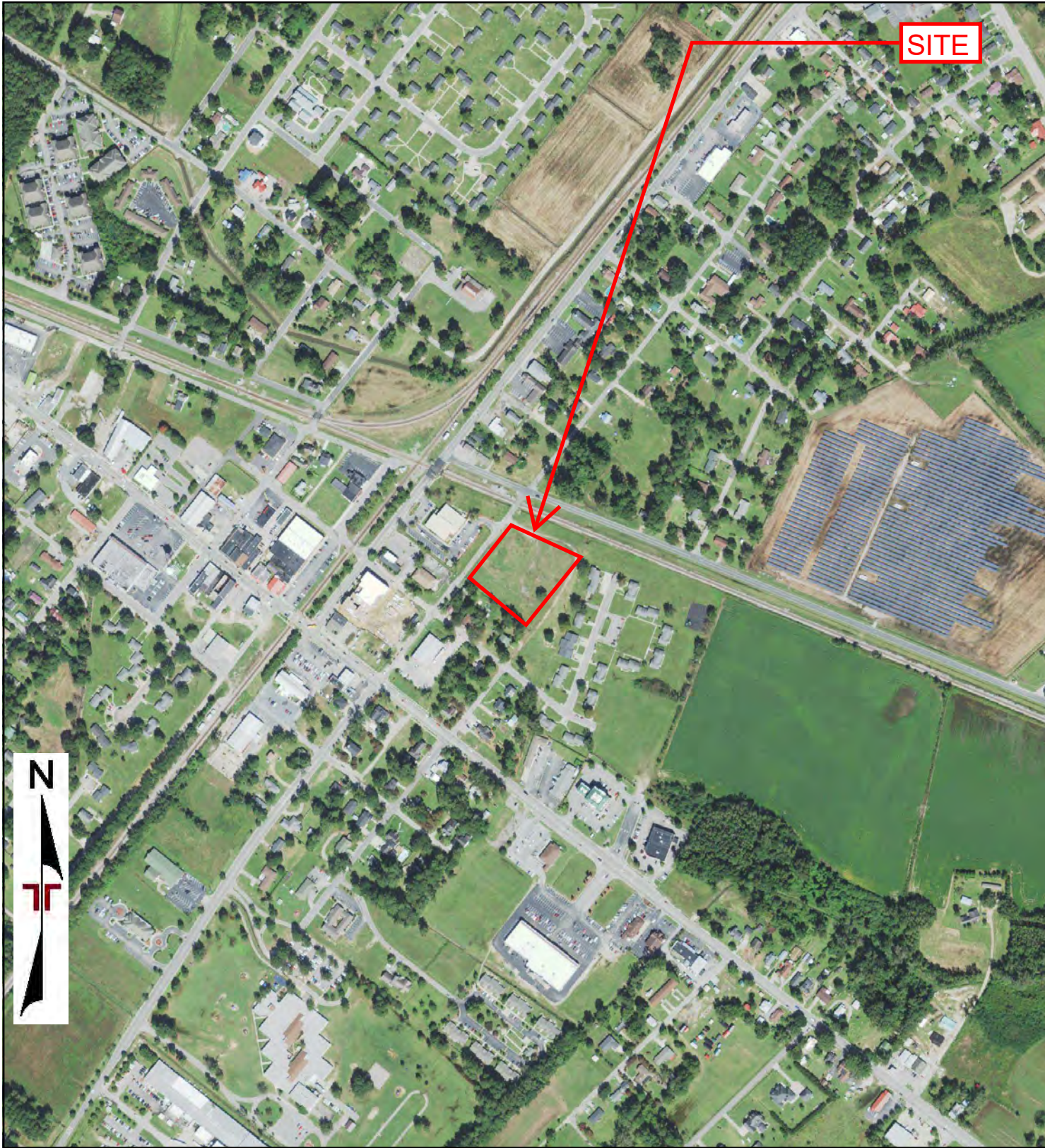
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0 Feet 500 1000 2000

Project Manager:	Project No: 70237084, Task
Drawn By:	Scale: As Shown
Checked By:	File Name:
Approved By:	Date: 2020



2401 Brentwood Rd.
Raleigh, NC 27604

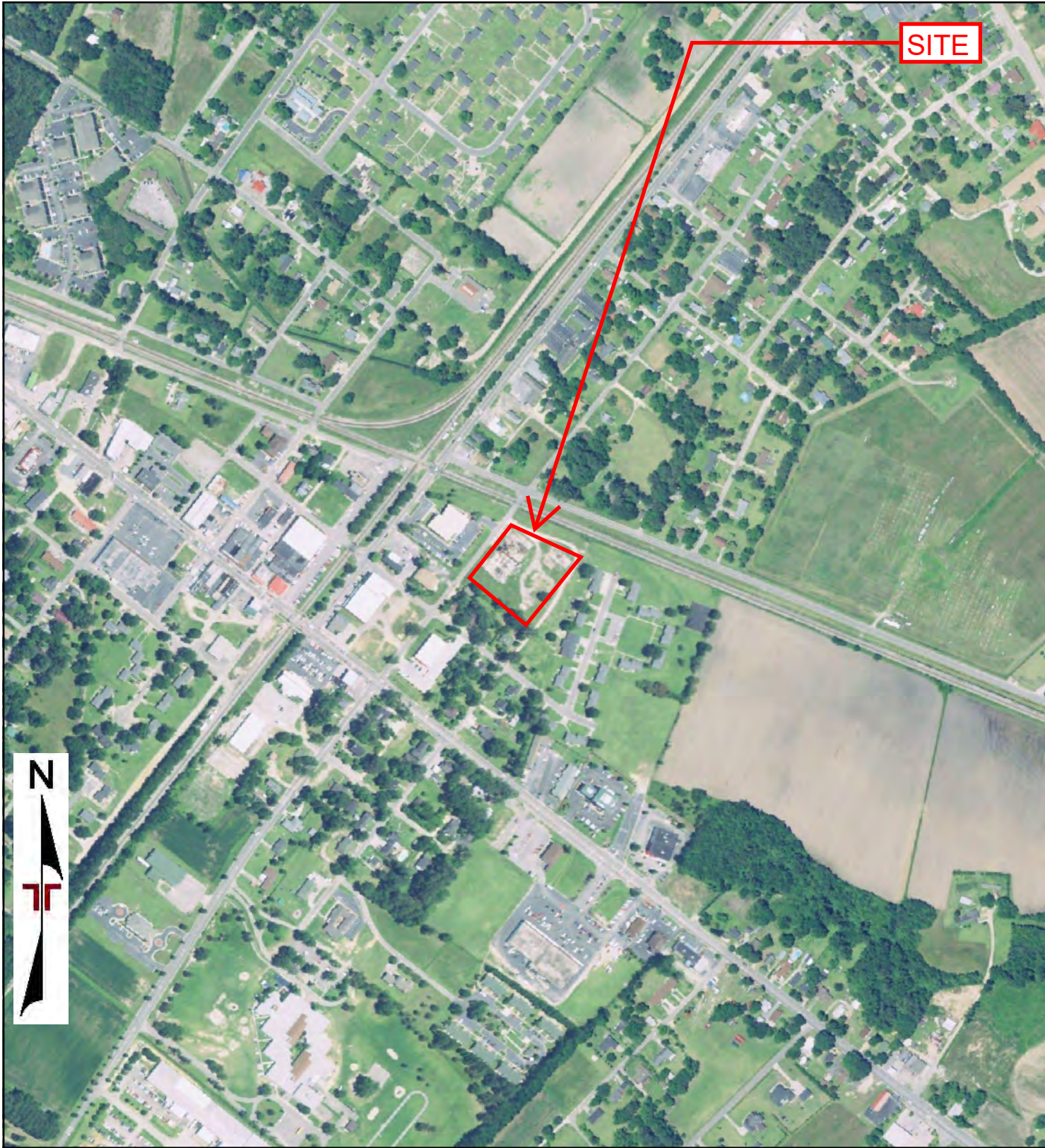
2020 AERIAL PHOTOGRAPH

Pembroke Former Bulk Oil Plant

South Jones Street and Blaine Street

Pembroke, NC 28372

Appendix
C



0 Feet 500 1000 2000

Project Manager:	Project No: 70237084, Task
Drawn By:	Scale: As Shown
Checked By:	File Name:
Approved By:	Date: 2016

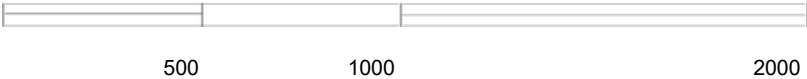


2401 Brentwood Rd.
Raleigh, NC 27604

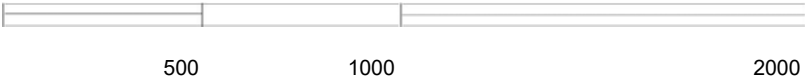
2016 AERIAL PHOTOGRAPH

Pembroke Former Bulk Oil Plant
South Jones Street and Blaine Street
Pembroke, NC 28372

Appendix
C



Project Manager:	Project No: 70237084, Task	 2401 Brentwood Rd. Raleigh, NC 27604	2012 AERIAL PHOTOGRAPH	Appendix
Drawn By:	Scale: As Shown		Pembroke Former Bulk Oil Plant	C
Checked By:	File Name:		South Jones Street and Blaine Street	
Approved By:	Date: 2012		Pembroke, NC 28372	



Project Manager:	Project No: 70237084, Task	 2401 Brentwood Rd. Raleigh, NC 27604	2009 AERIAL PHOTOGRAPH	Appendix
Drawn By:	Scale: As Shown		Pembroke Former Bulk Oil Plant	C
Checked By:	File Name:		South Jones Street and Blaine Street	
Approved By:	Date: 2009		Pembroke, NC 28372	



0 Feet

500

1000

2000

Project Manager:	Project No: 70237084, Task
Drawn By:	Scale: As Shown
Checked By:	File Name:
Approved By:	Date: 2006



2401 Brentwood Rd.
Raleigh, NC 27604

2006 AERIAL PHOTOGRAPH
Pembroke Former Bulk Oil Plant South Jones Street and Blaine Street Pembroke, NC 28372

Appendix
C



0 Feet

500

1000

2000

Project Manager:	Project No: 70237084, Task
Drawn By:	Scale: As Shown
Checked By:	File Name:
Approved By:	Date: 1999



2401 Brentwood Rd.
Raleigh, NC 27604

1999 AERIAL PHOTOGRAPH
Pembroke Former Bulk Oil Plant South Jones Street and Blaine Street Pembroke, NC 28372

Appendix
C



0 Feet

500

1000

2000

Project Manager:	Project No: 70237084, Task	 2401 Brentwood Rd. Raleigh, NC 27604	1993 AERIAL PHOTOGRAPH	Appendix
Drawn By:	Scale: As Shown		Pembroke Former Bulk Oil Plant	C
Checked By:	File Name:		South Jones Street and Blaine Street	
Approved By:	Date: 1993		Pembroke, NC 28372	



0 Feet 500 1000 2000

Project Manager:	Project No: 70237084, Task
Drawn By:	Scale: As Shown
Checked By:	File Name:
Approved By:	Date: 1983

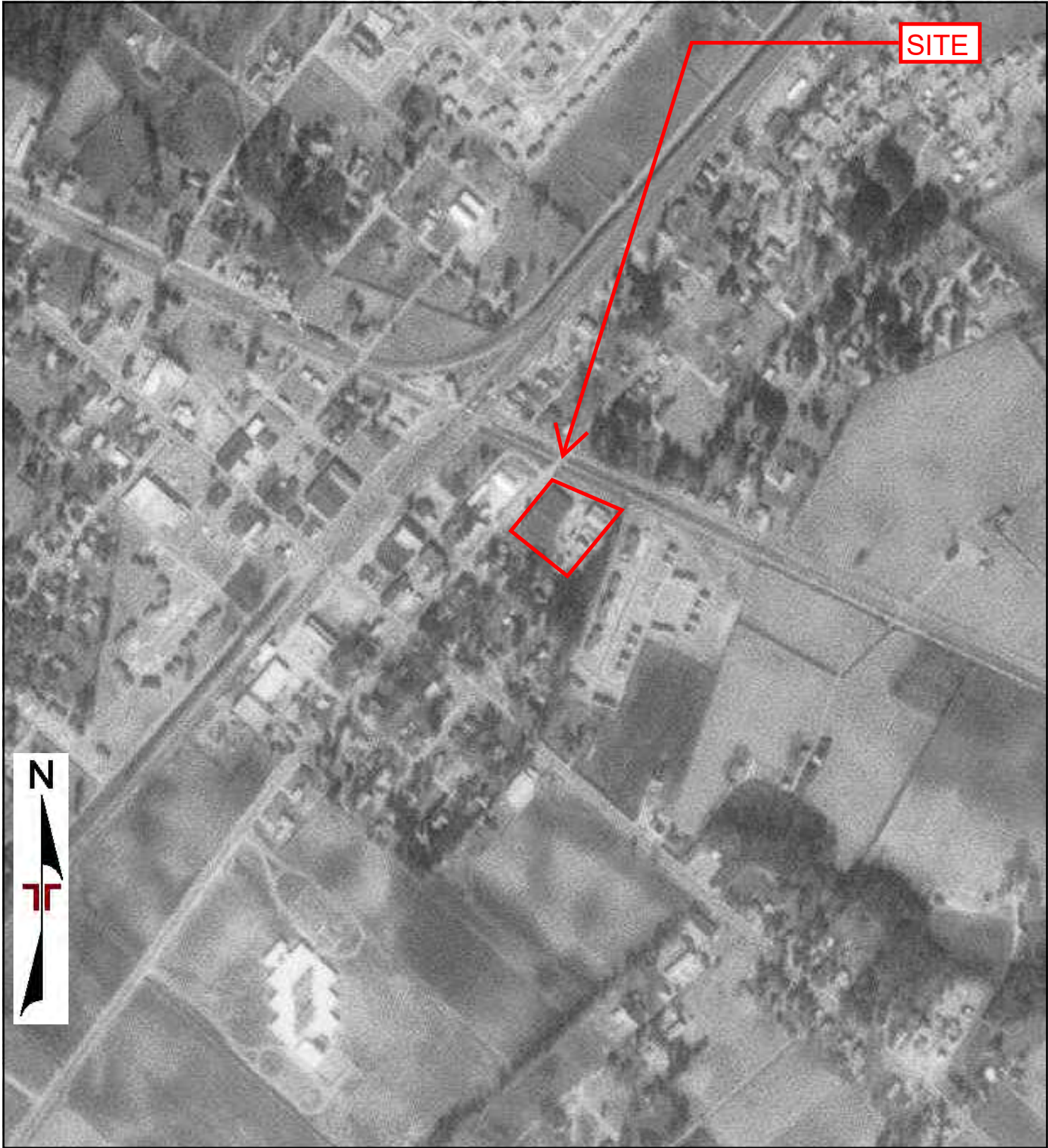


2401 Brentwood Rd.
Raleigh, NC 27604

1983 AERIAL PHOTOGRAPH

Pembroke Former Bulk Oil Plant
South Jones Street and Blaine Street
Pembroke, NC 28372

Appendix
C



0 Feet 500 1000 2000

Project Manager:	Project No: 70237084, Task
Drawn By:	Scale: As Shown
Checked By:	File Name:
Approved By:	Date: 1981

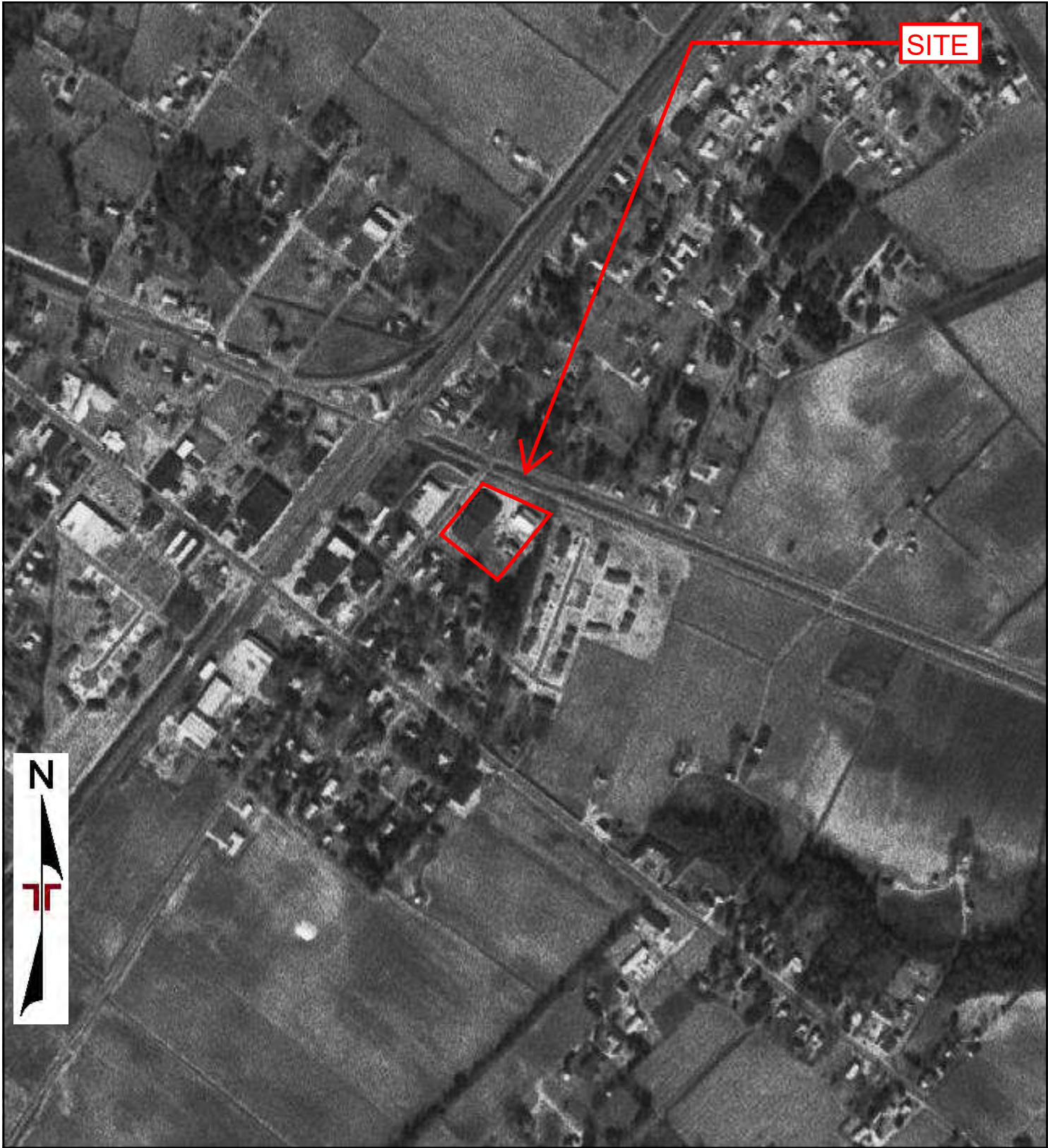


2401 Brentwood Rd.
Raleigh, NC 27604

1981 AERIAL PHOTOGRAPH

Pembroke Former Bulk Oil Plant
South Jones Street and Blaine Street
Pembroke, NC 28372

Appendix
C



SITE



0 Feet 500 1000 2000

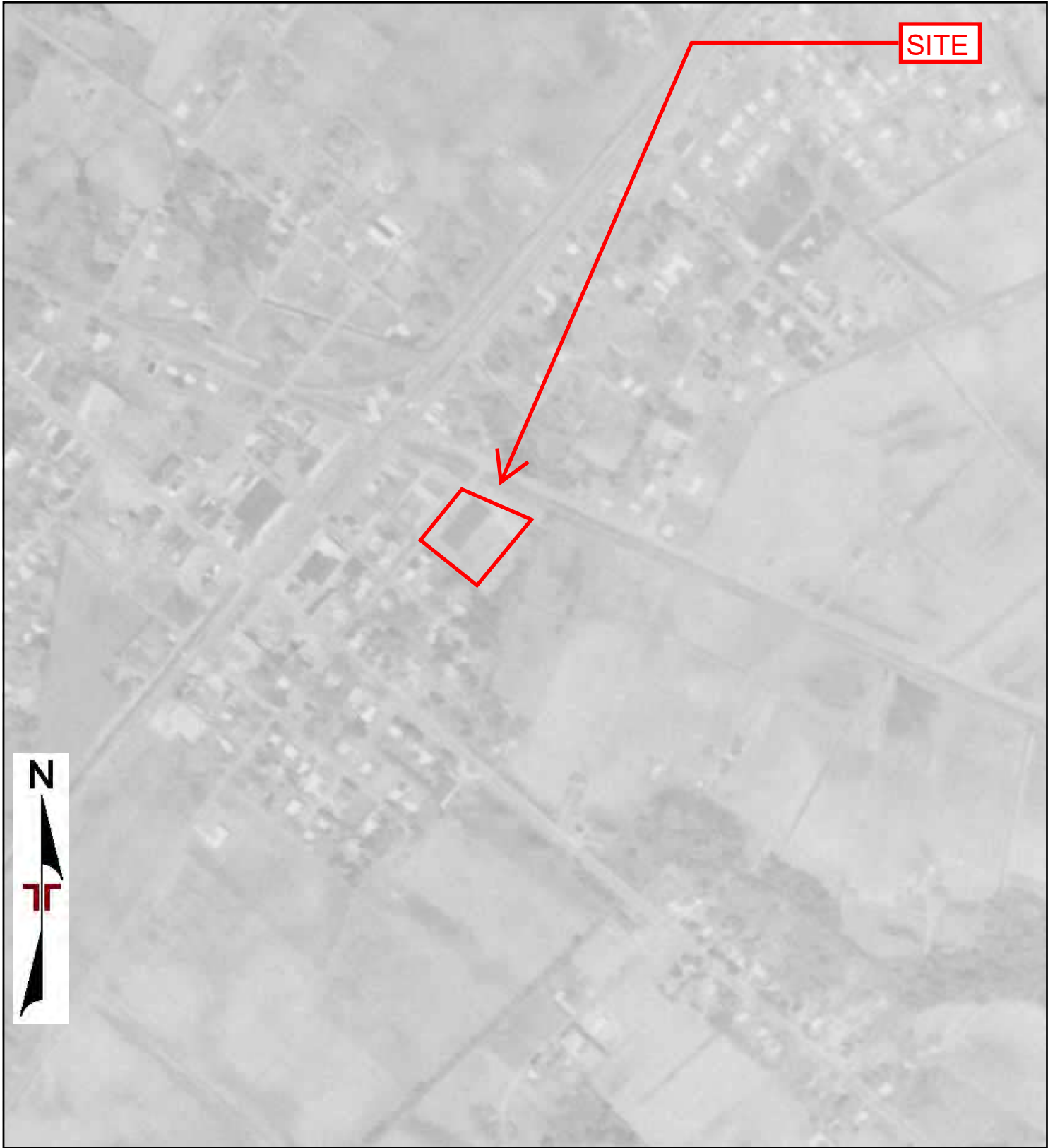
Project Manager:	Project No: 70237084, Task
Drawn By:	Scale: As Shown
Checked By:	File Name:
Approved By:	Date: 1976



2401 Brentwood Rd.
Raleigh, NC 27604

1976 AERIAL PHOTOGRAPH
Pembroke Former Bulk Oil Plant South Jones Street and Blaine Street Pembroke, NC 28372

Appendix
C



0 Feet

500

1000

2000

Project Manager:

Project No:
70237084, Task

Drawn By:

Scale:
As Shown

Checked By:

File Name:

Approved By:

Date:
1971



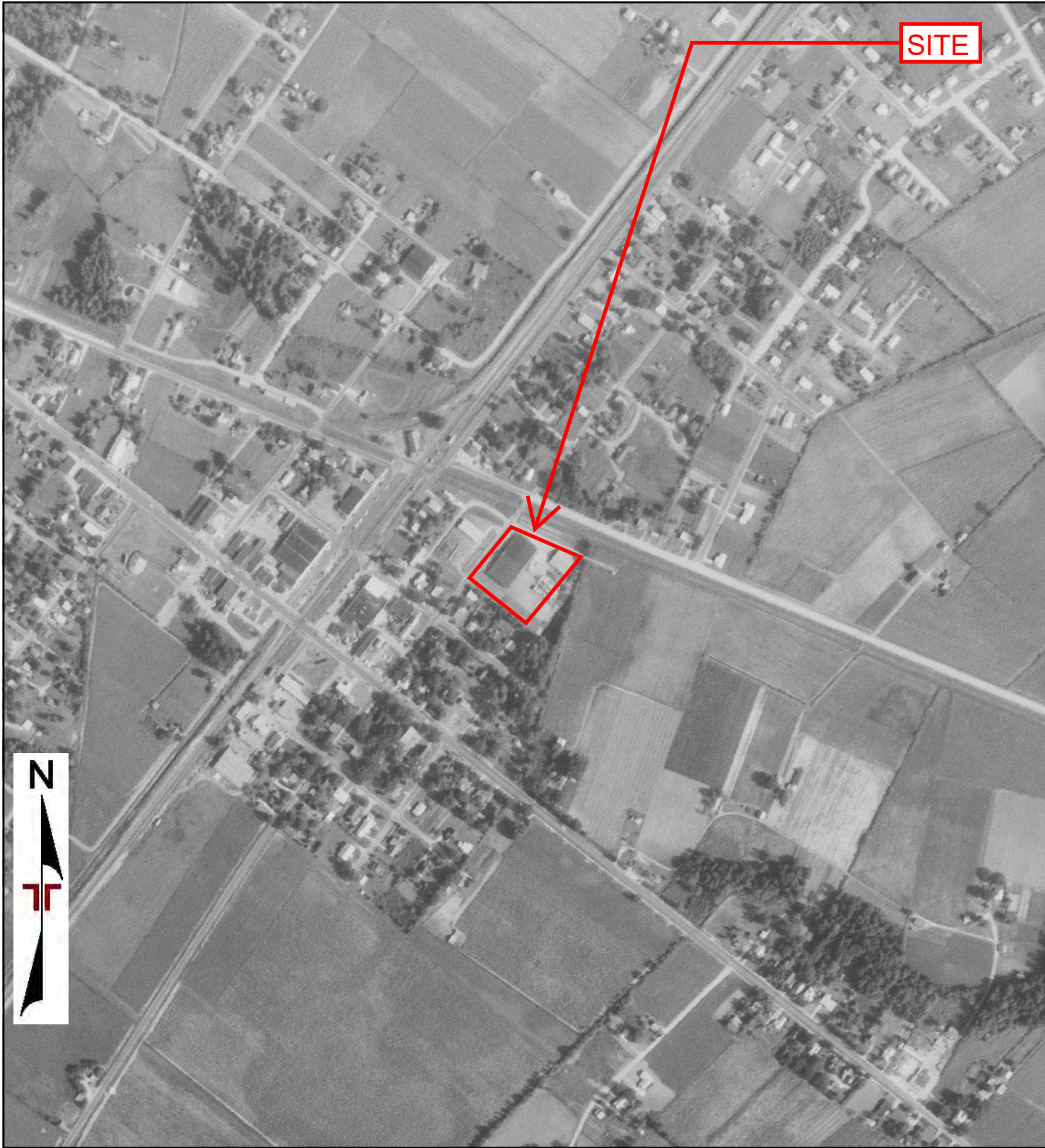
2401 Brentwood Rd.
Raleigh, NC 27604

1971 AERIAL PHOTOGRAPH

Pembroke Former Bulk Oil Plant
South Jones Street and Blaine Street
Pembroke, NC 28372

Appendix

C



0 Feet

500

1000

2000

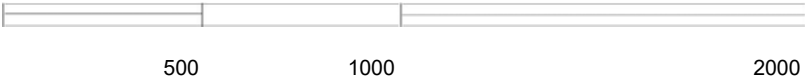
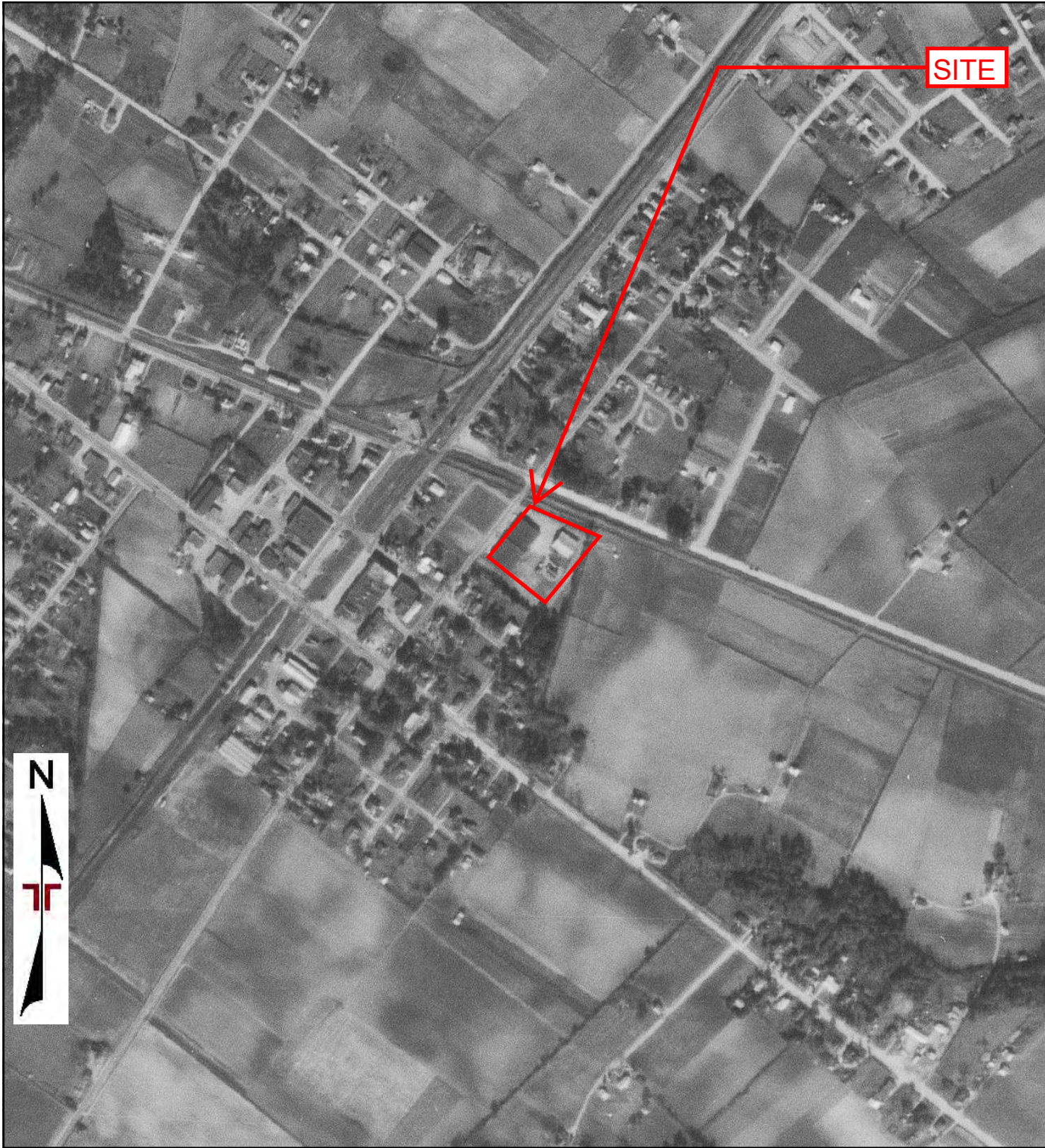
Project Manager:	Project No: 70237084, Task
Drawn By:	Scale: As Shown
Checked By:	File Name:
Approved By:	Date: 1964



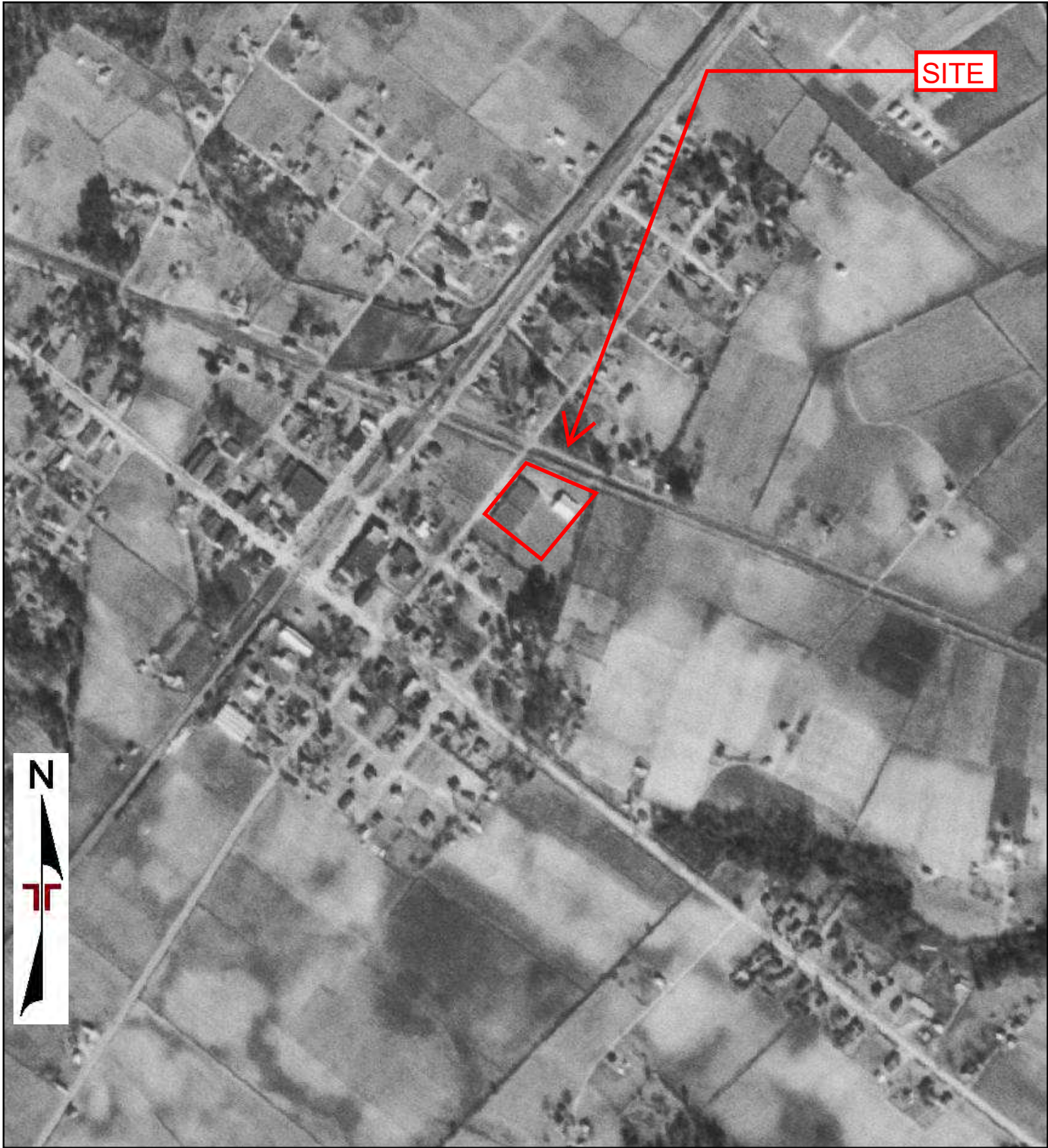
2401 Brentwood Rd.
Raleigh, NC 27604

1964 AERIAL PHOTOGRAPH
Pembroke Former Bulk Oil Plant South Jones Street and Blaine Street Pembroke, NC 28372

Appendix
C



Project Manager:	Project No: 70237084, Task	 2401 Brentwood Rd. Raleigh, NC 27604	1958 AERIAL PHOTOGRAPH	Appendix
Drawn By:	Scale: As Shown		Pembroke Former Bulk Oil Plant	C
Checked By:	File Name:		South Jones Street and Blaine Street	
Approved By:	Date: 1958		Pembroke, NC 28372	



0 Feet 500 1000 2000

Project Manager:	Project No: 70237084, Task
Drawn By:	Scale: As Shown
Checked By:	File Name:
Approved By:	Date: 1950



2401 Brentwood Rd.
Raleigh, NC 27604

1950 AERIAL PHOTOGRAPH

Pembroke Former Bulk Oil Plant
South Jones Street and Blaine Street
Pembroke, NC 28372

Appendix
C



0 Feet 500 1000 2000

Project Manager:	Project No: 70237084, Task
Drawn By:	Scale: As Shown
Checked By:	File Name:
Approved By:	Date: 1938



2401 Brentwood Rd.
Raleigh, NC 27604

1938 AERIAL PHOTOGRAPH

Pembroke Former Bulk Oil Plant
South Jones Street and Blaine Street
Pembroke, NC 28372

Appendix
C



Pembroke Former Bulk Oil Plant
South Jones Street and Blaine Street
Pembroke, NC 28372

Inquiry Number: 7719943.3

July 29, 2024

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

07/29/24

Site Name:

Pembroke Former Bulk Oil Plar
South Jones Street and Blaine
Pembroke, NC 28372
EDR Inquiry # 7719943.3

Client Name:

Terracon
2401 Brentwood Rd.
Raleigh, NC 27604
Contact: Olivia Veno



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Terracon were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # F4CB-43EF-9503
PO # NA
Project 70237084, Task 9

UNMAPED PROPERTY

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Sanborn® Library search results

Certification #: F4CB-43EF-9503

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

The Sanborn Library LLC Since 1866™

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Pembroke Former Bulk Oil Plant

South Jones Street and Blaine Street
Pembroke, NC 28372

Inquiry Number: 7719943.5

July 31, 2024

The EDR-City Directory Image Report



Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available business directory data at approximately five year intervals.

RECORD SOURCES

The EDR City Directory Report accesses a variety of business directory sources, including Haines, InfoUSA, Polk, Cole, Bresser, and Stewart. Listings marked as EDR Digital Archive access Cole and InfoUSA records. The various directory sources enhance and complement each other to provide a more thorough and accurate report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2020	☐	☒	EDR Digital Archive
2017	☒	☒	Cole Information
2014	☒	☒	Cole Information
2010	☒	☒	Cole Information
2005	☒	☒	Cole Information
2000	☒	☒	Cole Information
1995	☒	☒	Cole Information
1992	☐	☒	Cole Information
	☐	☒	EDR Digital Archive

FINDINGS

TARGET PROPERTY STREET

South Jones Street and Blaine Street
Pembroke, NC 28372

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

S JONES ST

2020	-	EDR Digital Archive	Target and Adjoining not listed in Source
1992	-	EDR Digital Archive	Target and Adjoining not listed in Source

S JONES ST

2017	pg A6	Cole Information
2014	pg A10	Cole Information
2010	pg A14	Cole Information
2005	pg A18	Cole Information
2000	pg A22	Cole Information
1995	pg A26	Cole Information

FINDINGS

CROSS STREETS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

BLAINE ST

2020	pg. A1	EDR Digital Archive
2017	pg. A4	Cole Information
2014	pg. A8	Cole Information
2010	pg. A12	Cole Information
2005	pg. A16	Cole Information
2000	pg. A20	Cole Information
1995	pg. A24	Cole Information
1992	pg. A28	Cole Information

E 2ND ST

2020	pg. A2	EDR Digital Archive
2017	pg. A5	Cole Information
2014	pg. A9	Cole Information
2010	pg. A13	Cole Information
2005	pg. A17	Cole Information
2000	pg. A21	Cole Information
1995	pg. A25	Cole Information
1992	-	EDR Digital Archive

Target and Adjoining not listed in Source

UNION CHAPEL RD

2020	pg. A3	EDR Digital Archive
2017	pg. A7	Cole Information
2014	pg. A11	Cole Information
2010	pg. A15	Cole Information
2005	pg. A19	Cole Information
2000	pg. A23	Cole Information
1995	pg. A27	Cole Information
1992	pg. A29	Cole Information

City Directory Images

BLAINE ST**2020**

202	ADAM GARRETT
	CHRISTINA MARTIN
	ELLEN OXENDINE
	LESLIE GARRETT
	MICHAEL MCCOY
	STACY BROOKER
	STACY OXENDINE
305	HEATHER WARRIAX
	JAMIE WARRIAX
306	DEAN LEWIS
408	LELA ANNE'S LEARNING CTR
413	PEMBROKE PUBLIC LIBRARY

E 2ND ST**2020**

101	FRANCINE CHAVIS
	LEGAL AID-NORTH CAROLINA INC
107	PROBATION DEPARTMENT ADULT
108	CAROL PROFFITT
203	MARLENA LOCKLEAR
207	MICHAEL JONES

UNION CHAPEL RD 2020

100	NC DMV-PEMBROKE DRIVER LICENSE
	PEMBROKE COURTHOUSE
	PEMBROKE MAGISTRATE OFFICE
	TOWN OF PEMBROKE-TOWN HALL
104	LUMBEE CASKETS & GRANITE INC
208	COMPANION HOME CARE
	ROBINS PROFESSIONAL BEAUTY SLN
210	PEMBROKE RESCUE BASE
408	TABETHA CLARK
506	ATM
	FRESH FOODS IGA #6
	WESTERN UNION AGENT LOCATION
512	PEMBROKE LASER WASH

BLAINE ST

2017

406	LELA ANNES LEARNING CENTER
408	LELA ANNES LEARNING CENTER
413	ROBESON COUNTY PUBLIC LIBRARY

Target Street

Cross Street

Source

-



Cole Information

E 2ND ST

2017

101 LEGAL AID
108 DIAL, SOCORIA

**S JONES ST 2017**

409	LOWRY, ORYAN D
410	DENIS RICARD PA C
	DR JESSICA TUCKER MD
	EZ WIRELESS
	PEMBROKE FAMILY PRACTICE CENTER
	RUTH ANN DOERMAN PAC
	SCOT HUNT PA C
	SHELLY S LOWERY MD
701	STEVEN ROBERTS ORIGINAL DESSERTS LLC

UNION CHAPEL RD 2017

100	CITY OF PEMBROKE
102	DAVIS, JAMES A
104	LUMBEE CASKETS & GRANITE INC
204	PEMBROKE OPTOMETRIC CLINIC
205	CITY OF PEMBROKE
	IVEYS ACCOUNTING SERVICE INC
	PEMBROKE POWER HOUSE
208	ROBINS PROFESSIONAL BEAUTY SALON
210	PEMBROKE RESCUE BASE
302	PEMBROKE FIRST BAPTIST CHURCH
506	BOS FOOD STORE
	BOS SUPERMARKET

BLAINE ST**2014**

201	LOCKLEAR, STEPHEN E
202	MERCER, ALVIN J
407	OCCUPANT UNKNOWN,
408	LELA ANNES LEARNING CENTER
	WODELL, LELA
409	TRESTER, STRAWDIE
413	PEMBROKE PUBLIC LIBRARY
	ROBESON COUNTY PUBLIC LIBRARY

E 2ND ST

2014

101	LEGAL AID
201	GONDERMAN, CHRISTY
205	REVELS, KATHY



-

S JONES ST 2014

304	OCCUPANT UNKNOWN,
402	CHAVIS, CHARLIE L
404	SANDERSON, NINA
410	EZ WIRELESS
	PEMBROKE FAMILY PRACTICE CENTER
503	LOCKLEAR, GARY
701	STEVEN ROBERTS ORIGINAL DESSERTS LLC

UNION CHAPEL RD 2014

100	CITY OF PEMBROKE LOCKLEAR, TONY
104	LUMBEE CASKETS & GRANITE INC
106	MUFFLER HOUSE NO 9
204	LOCKLEAR SANDRA DR PEMBROKE EYE CLINIC PEMBROKE OPTOMETRIC CLINIC
205	CITY OF PEMBROKE IVEYS ACCOUNTING SERVICE INC TOWN CLERK
208	COMPANION HOME CARE FASHIONS ICON ROBINS PROFESSIONAL BEAUTY SALON STRICKLAND INS & FINANCIAL SERVICES SUTTON RONNIE ATTORNEY AT LAW
210	PEMBROKE RESCUE BASE
234	LOCKLEAR, MARGARET
302	PEMBROKE FIRST BAPTIST CHURCH
310	JONES, BOBBIE L
406	CLARK, DENNIS R
408	CLARK, RAYMOND L
410	CUMMINGS, LAURA
412	DIETRICH, DAVID E
506	BOS FOOD STORE
512	PEMBROKE LASER WASH
518	TENDER HEARTS
524	CLARK, SHAVONNA GALIAMO, MONA

BLAINE ST**2010**

305	WARRIAX, HEATHER W
406	GATEWAY HEALTHCARE ASSOC
407	BROOKS, STEPHEN A
409	TRESTER, STRAWDIE

E 2ND ST

2010

201	GONDERMAN, CHRISTY
203	LOCKLEAR, CHRISTIAN
205	REVELS, KATHY
207	OCCUPANT UNKNOWN,

S JONES ST**2010**

302	OCCUPANT UNKNOWN,
304	OCCUPANT UNKNOWN,
307	CALVARY WAY INDEPENDENT BAPT
402	CHAVIS, CHARLIE L
404	CHAVIS, DIAMOND
406	CLARK, ADAM G
408	HAMMOND, DEBRA B
410	RICARD DENIS P
	SCOTLAND HEALTH CARE SYSTEM
501	WEBB, CHRISTOPHER
503	BRYANT, DAVID
505	PEMBROKE ELEMENTARY SCHOOL

UNION CHAPEL RD 2010

102	DAVIS, JAMES A
104	CRUZ THRU & GRILL
106	MUFFLER HOUSE
203	IVEYS ACCOUNTING SVC INC
206	JERVONS DEPARTMENT STORE
	M CS CLOTHING STUDIO
208	SUTTON, RONNIE A
234	LOCKLEAR, MARGARET
310	JONES, BOBBIE
406	CLARK, JONATHAN M
408	CLARK, RAYMOND L
410	BRYANT, LORA
412	DIETRICH, DAVID E
512	PEMBROKE LASER WASH
518	LUMBEE TRIBAL ENROLLMENT

BLAINE ST**2005**

201	LOCKLEAR, STEPHEN E
203	HUNT, EALISE
305	WARRIAX, HEATHER
406	LELA ANNES LEARNING CENTER
407	BROOKS, STEPHEN A
409	SMITH, R
413	PEMBROKE PUBLIC LIBRARY

E 2ND ST**2005**

101	LEGAL AIDE OF NORTH CAROLINA INC
108	CHAVIS, JOHNNY
201	GONDERMAN, CHRISTY
203	HUNT, CRAIG
205	LOWRY, PATRICK
207	OCCUPANT UNKNOWN,
408	HUNT, IRIS A
411	MCMILLAN, DEBISANN
413	OCCUPANT UNKNOWN,



-

S JONES ST**2005**

111	LOCKLEAR, RETHA J
115	JACOBS, YVETTE T
122	HUNT, TERRI
302	OXENDINE, JASON
501	BRYANT, DAVID
505	PEMBROKE ELEMENTARY SCHOOL

UNION CHAPEL RD 2005

100	TOWN OF PEMBROKE
102	DAVIS, JAMES A
104	FLOWERS BY LILLIAN
208	SUTTON, RONNIE A
234	LOCKLEAR, MARGARET
306	SANDERSON, JAMES K
310	JONES, BOBBIE
402	LOCKLEAR, ALFRED
406	CLARK, JONATHAN M
408	CLARK, RAYMOND L
410	BROOKS, RAYMOND J
506	BOS FOOD STORE
	BOS SUPERMARKET
524	OCCUPANT UNKNOWN,

BLAINE ST**2000**

9	MCARTHY, LLOYD
201	LOCKLEAR, CONNIE
206	BROOKS, BRANDI A
208	REVELS, S
406	LELA ANNES LEARNING CENTER
413	ROBESON COUNTY PUBLIC LIBRARY PEMBROKE

Target Street

Cross Street

Source

-



Cole Information

E 2ND ST

2000

205 KING, K
207 LOWERY, REVONDA



-

S JONES ST**2000**

115	JACOBS, YVETTE
501	BELL, ESTELLE
516	LOCKLEAR, J
701	DANIELS HOME BAKERY SERVICEMASTER

UNION CHAPEL RD 2000

101	J W GUN & PAWN
104	FLOWERS BY LILLIAN
106	MUFFLER HOUSE NO 9
204	LOCKLEAR SANDRA DR OFFICE
	PEMBROKE OPTOMETRIC CLINIC
205	PEMBROKE OIL CO INCORPORATED
	PEMBROKE PUBLIC LIBRARY
206	JERVONS DEPARTMENT STORE
208	ARROW EDUCATIONAL PRODUCTS INCORPORATED
	BULLARD DONALD W
	BULLARD DONALD W ATTORNEY
	BULLARD, DONALD W
	PHONICS VOYAGE
	ROBINS PROFESSIONAL BEAUTY SALON
	SUTTON RONNIE ATTORNEY AT LAW
302	PEMBROKE FIRST BAPTIST CHURCH
310	JONES, BOBBIE
410	BROOKS, RAYMOND J
502	MCGIRT, ANNIE P
506	BOS SUPERMARKET

BLAINE ST**1995**

201	HUNT, GRADY
	WOODS, MURPHY
206	COOLEY, OLLIE
406	LELA ANNES LEARNING CTR
407	BROOKS, BRIAN
409	HUNT, RITA

Target Street

Cross Street

Source

-



Cole Information

E 2ND ST

1995

104	PALMER DRUG ABUSE PROGAM
205	MCARTHUR, L R
207	LOWERY, REVONDA



-

S JONES ST

1995

222

BETHEA, J D

UNION CHAPEL RD

1995

211 BOBS JEWEL SHOP
707 HEALTH ARTS
RUDOLPH CORONADO JR DC

BLAINE ST

1992

201	HUNT, GRADY
	WOODS, MURPHY
202	LELA ANNE'S LEARNING CENTER
206	COOLEY, OLLIE

UNION CHAPEL RD 1992

204	LOCKLEAR SANDRA DR OFFICE
	MASTERS MARY ANN M DR
	PEMBROKE OPTOMETRIC CLINIC
205	PEMBROKE POWER HOUSE

ASTM E1527-21 User Questionnaire



Date Completed	9-27-2024	
Person Completing Questionnaire	Name: Tyler Thomas Company: Town of Pembroke	Phone: 910-521-9758 Email: tyler@pembrokenc.gov
Site Name	Pates Supply	
Site Address	Jones Street at Railroad Street, Pembroke NC (Parcels 350601005, 35060100501, and 350601004)	
Point of Contact for Access	Name: Bud Tisdale Company: Pates Supply Company	Phone: 910-624-4060 Email:
Access Restrictions or Special Site Requirements?	☒ No ☐ Yes (If yes, please explain)	
Confidentiality Requirements?	☒ No ☐ Yes (If yes, please explain)	
Current Site Owner	Name: Company: Pates Supply Company Inc.	Phone: See above. Email:
Current Site Operator	Name: N/A Company:	Phone: Email:
Reasons for ESA (e.g., financing, acquisition, lease, etc.)	Acquisition	
Anticipated Future Site Use	Governmental, Recreational	
Relevant Documents?	Please provide Terracon copies of prior Phase I or II ESAs, Asbestos Surveys, Environmental Permits or Audit documents, Underground Storage Tank documents, Geotechnical Investigations, Site Surveys, Diagrams or Maps, or other relevant reports or documents.	
ASTM User Questionnaire		
To qualify for one of the <i>Landowner Liability Protections (LLPs)</i> offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "<i>Brownfields Amendments</i>"), the user must respond to the following inquiries required by 40 C.F.R. §§ 312.25, 312.28, 312.29, 312.30, and 312.31. These inquiries must also be conducted by EPA Brownfield Assessment and Characterization grantees. The <i>user</i> should provide the following information to the <i>environmental professional</i>. Failure to conduct these inquiries could result in a determination that "<i>all appropriate inquiries</i>" is not complete.		
1) Did a search of land title records (or judicial records where appropriate) identify any environmental liens filed or recorded against the site under federal, tribal, state, or local law (40 CFR 312.25)? ☒ No ☐ Yes (If yes, explain below and send Terracon a copy of the title records or judicial records reviewed.)		
2) Did a search of land title records (or judicial records where appropriate) identify 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 against the site under federal, tribal, state, or local law (40 CFR 312.26)? ☒ No ☐ Yes (If yes, explain below and send Terracon a copy of the title records or judicial records reviewed.)		
3) Do you have any specialized knowledge or experience related to the site or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the site or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business (40 CFR 312-28)? ☒ No ☐ Yes (If yes, explain below)		
4) Does the purchase price being paid for this site reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the site? ☒ No ☐ Yes ☐ Not applicable (If yes or Not applicable, explain below)		
5) Are you aware of commonly known or reasonably ascertainable information about the site that would help the environmental professional to identify conditions indicative of releases or threatened releases (40 CFR 312.30)? For example, (a.) Do you know the past uses of the site? (b.) Do you know of specific chemicals that are present or once were present at the site? (c.) Do you know of spills or other chemical releases that have taken place at the site? (d.) Do you know of any environmental cleanups that have taken place at the site? ☒ No ☐ Yes (If yes, explain below)		
6) Based on your knowledge and experience related to the site, are there any obvious indicators that point to the presence or likely presence of releases at the site (40 CFR 312.31)? ☒ No ☐ Yes (If yes, explain below)		
<u>Comments or explanations:</u>  Tyler Thomas, for Town of Pembroke		

Please return this form with the signed authorization to proceed.

Proposal No.

ASTM E1527-21 User Questionnaire



Date Completed	8/25/2024		
Person Completing Questionnaire	Name: Jordan Thompson Company: NC DEQ BRS	Phone: 704-223-6549 Email: jordan.thompson@deq.nc.gov	
Site Name	Pembroke Oil		
Site Address	Blaine St and 2 Jones St, Pembroke		
Point of Contact for Access	Name: Company:	Phone: Email:	
Access Restrictions or Special Site Requirements?	☒ No ☐ Yes (If yes, please explain)		
Confidentiality Requirements?	☒ No ☐ Yes (If yes, please explain)		
Current Site Owner	Name: James Tisdale Company: Pembroke Oil Co.	Phone: 910-624-4060 Email: bud@tisdalehomes.com	
Current Site Operator	Name: Vacant land Company:	Phone: Email:	
Reasons for ESA (e.g., financing, acquisition, lease, etc.)	Transaction for Town of Pembroke		
Anticipated Future Site Use	Municipal Building		
Relevant Documents?	Please provide Terracon copies of prior Phase I or II ESAs, Asbestos Surveys, Environmental Permits or Audit documents, Underground Storage Tank documents, Geotechnical Investigations, Site Surveys, Diagrams or Maps, or other relevant reports or documents.		
ASTM User Questionnaire			
To qualify for one of the <i>Landowner Liability Protections (LLPs)</i> offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the " <i>Brownfields Amendments</i> "), the user must respond to the following inquiries required by 40 C.F.R. §§ 312.25, 312.28, 312.29, 312.30, and 312.31. These inquiries must also be conducted by EPA Brownfield Assessment and Characterization grantees. The user should provide the following information to the <i>environmental professional</i> . Failure to conduct these inquiries could result in a determination that " <i>all appropriate inquiries</i> " is not complete.			
1) Did a search of land title records (or judicial records where appropriate) identify any environmental liens filed or recorded against the site under federal, tribal, state, or local law (40 CFR 312.25)? ☒ No ☐ Yes (If yes, explain below and send Terracon a copy of the title records or judicial records reviewed.)			
2) Did a search of land title records (or judicial records where appropriate) identify 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 against the site under federal, tribal, state, or local law (40 CFR 312.26)? ☒ No ☐ Yes (If yes, explain below and send Terracon a copy of the title records or judicial records reviewed.)			
3) Do you have any specialized knowledge or experience related to the site or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the site or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business (40 CFR 312-28)? ☒ No ☐ Yes (If yes, explain below)			
4) Does the purchase price being paid for this site reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the site? ☐ No ☐ Yes ☒ Not applicable (If yes or Not applicable, explain below)			
5) Are you aware of commonly known or reasonably ascertainable information about the site that would help the environmental professional to identify conditions indicative of releases or threatened releases (40 CFR 312.30)? For example, (a.) Do you know the past uses of the site? (b.) Do you know of specific chemicals that are present or once were present at the site? (c.) Do you know of spills or other chemical releases that have taken place at the site? (d.) Do you know of any environmental cleanups that have taken place at the site? ☐ No ☒ Yes (If yes, explain below)			
6) Based on your knowledge and experience related to the site, are there any obvious indicators that point to the presence or likely presence of releases at the site (40 CFR 312.31)? ☐ No ☒ Yes (If yes, explain below)			
Comments or explanations: DEQ is not aware of purchase price and cannot comment on the fairness of such. Site is listed as a DEQ Brownfields eligible property and multiple environmental assessments have documented impacts on-site.			

Please return this form with the signed authorization to proceed.

Proposal No.

APPENDIX D

ENVIRONMENTAL DATABASE INFORMATION

Pembroke Former Bulk Oil Plant

South Jones Street and Blaine Street
Pembroke, NC 28372

Inquiry Number: 7719943.2s

July 29, 2024

The EDR Radius Map™ Report with GeoCheck®



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

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	71
Government Records Searched/Data Currency Tracking	GR-1
 <u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-8
Physical Setting Source Map Findings	A-9
Physical Setting Source Records Searched	PSGR-1

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

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MAPPED SITES SUMMARY

Target Property Address:
SOUTH JONES STREET AND BLAINE STREET
PEMBROKE, NC 28372

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	PATES SUPPLY COMPANY	2 JONES STREET	US BROWNFIELDS		TP
A2	MAYNOR MANOR	207 EAST SECOND STRE	US BROWNFIELDS, FINDS	Higher	124, 0.023, SW
3	GLENN'S QUICK STOP	101 EAST RAILROAD ST	LUST, IMD	Higher	332, 0.063, NNW
4	SOUTHERN BELL-GLC 2C	SECOND STREET	UST	Higher	394, 0.075, SSE
B5	PEMBROKE PUBLIC WORK	329 EAST RAILROAD ST	LUST, UST	Higher	400, 0.076, East
B6	PEMBROKE PUBLIC WORK	329 EAST RAILROAD ST	UST FINDER, UST FINDER RELEASE	Higher	400, 0.076, East
B7	FLEETWOOD HOMES OF N	349 EAST RAILROAD ST	RCRA NonGen / NLR	Higher	400, 0.076, East
C8	PATES SUPPLY CO INC	108 E. MAIN ST	UST	Higher	594, 0.112, WNW
C9	PATES SUPPLY CO INC	108 E. MAIN ST	UST FINDER	Higher	594, 0.112, WNW
C10	PEMBROKE SUNOCO SERV	102 MAIN ST	EDR Hist Auto	Higher	610, 0.116, WNW
D11	PAT'S PLACE	11942 DEEP BRANCH RO	LUST	Higher	663, 0.126, WSW
D12	PEMBROKE SOJO	110 E THIRD STREET	UST, Financial Assurance	Higher	676, 0.128, WSW
D13	PEMBROKE SOJO	110 E THIRD STREET	UST FINDER	Higher	676, 0.128, WSW
D14	SHEFF'S SEAFOOD & CO	100 E. 3RD ST.	US BROWNFIELDS, FINDS	Higher	694, 0.131, WSW
E15	CALVARY WAY BAPTIST	210 N. MAIN STREET	LUST	Higher	745, 0.141, West
D16	PEMBROKE SUNOCO	102 THIRD STREET	UST	Higher	783, 0.148, West
D17	PEMBROKE SUNOCO	102 THIRD STREET	UST FINDER	Higher	784, 0.148, West
E18	PEMBROKE SERVICE STA	103 MAIN ST.	UST	Higher	896, 0.170, West
E19	PEMBROKE SERVICE STA	103 MAIN ST.	UST FINDER	Higher	896, 0.170, West
E20	PEMBROKE SPIRIT (AMO	103 WEST 3RD STREET	UST, Financial Assurance	Higher	940, 0.178, West
E21	PEMBROKE SPIRIT	103 WEST 3RD STREET	UST FINDER	Higher	940, 0.178, West
22	LOWRY'S COUNTRY STOR	RT 2, BOX 178	LUST, IMD	Higher	1017, 0.193, NNW
F23	ROADRUNNER SERVICE S	3RD & VANCE	IMD	Higher	1065, 0.202, West
G24	JONES CLEANERS	MAIN ST	DRYCLEANERS	Higher	1067, 0.202, WSW
F25	ROADRUNNER SERVICE S	202 W. THIRD STREET	LUST	Higher	1080, 0.205, West
F26	ROADRUNNER SERVICE S	202 W. THIRD STREET	UST FINDER RELEASE	Higher	1080, 0.205, West
F27	LOCKLEARS PERFORMANC	202 W. 3RD ST.	UST FINDER	Higher	1080, 0.205, West
F28	LOCKLEARS PERFORMANC	202 W. 3RD ST.	UST	Higher	1080, 0.205, West
G29	MCI COMMUNICATIONS (	MAIN STREET & RR TRA	UST	Higher	1127, 0.213, WSW
F30	LOCKLEAR'S GROC./COU	RT PEMBROKE	LUST	Higher	1156, 0.219, West
31	WALGREENS #16119	503 E. 3RD ST.	RCRA-VSQQ	Lower	1279, 0.242, SSE
H32	CHAVIS PROPERTY	301 WEST THIRD STREE	US BROWNFIELDS, FINDS	Higher	1492, 0.283, WNW
H33	PEMBROKE FARM HOME &	302 W 3RD ST	SHWS	Higher	1508, 0.286, WNW
34	DIAL TERRACE	401 PINE STREET	US BROWNFIELDS, FINDS	Higher	1583, 0.300, West
35	STRICKLAND HEIGHTS	304 GODWIN STREET	US BROWNFIELDS, FINDS	Higher	1588, 0.301, NNW
I36	PEMBROKE CAR WASH	508 UNION CHAPEL ROA	UST FINDER RELEASE	Higher	1773, 0.336, NNE
I37	PEMBROKE CAR WASH	508 UNION CHAPEL ROA	IMD	Higher	1773, 0.336, NNE
38	PEMBROKE ELEMENTARY	1555 JONES ST.	LUST, UST	Lower	2048, 0.388, SSW
J39	ALL ABOUT HAIR	713 E. THIRD ST.	US BROWNFIELDS, FINDS	Lower	2331, 0.441, SE

MAPPED SITES SUMMARY

Target Property Address:
SOUTH JONES STREET AND BLAINE STREET
PEMBROKE, NC 28372

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
K40	THE PANTRY 3134	501 WEST THIRD STREE	LUST, LUST TRUST, IMD	Higher	2370, 0.449, WNW
K41	CIRCLE K 2721649	501 W.THIRD STREET	UST FINDER, UST FINDER RELEASE	Higher	2370, 0.449, WNW
J42	LUMBEE DRIVE END LIF	UNKNOWN	US BROWNFIELDS, FINDS	Lower	2508, 0.475, SE
43	PEMBROKE PUBLIC WORK	329 EAST RAILROAD ST	IMD	Lower	2523, 0.478, ESE

OVERVIEW MAP - 7719943.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

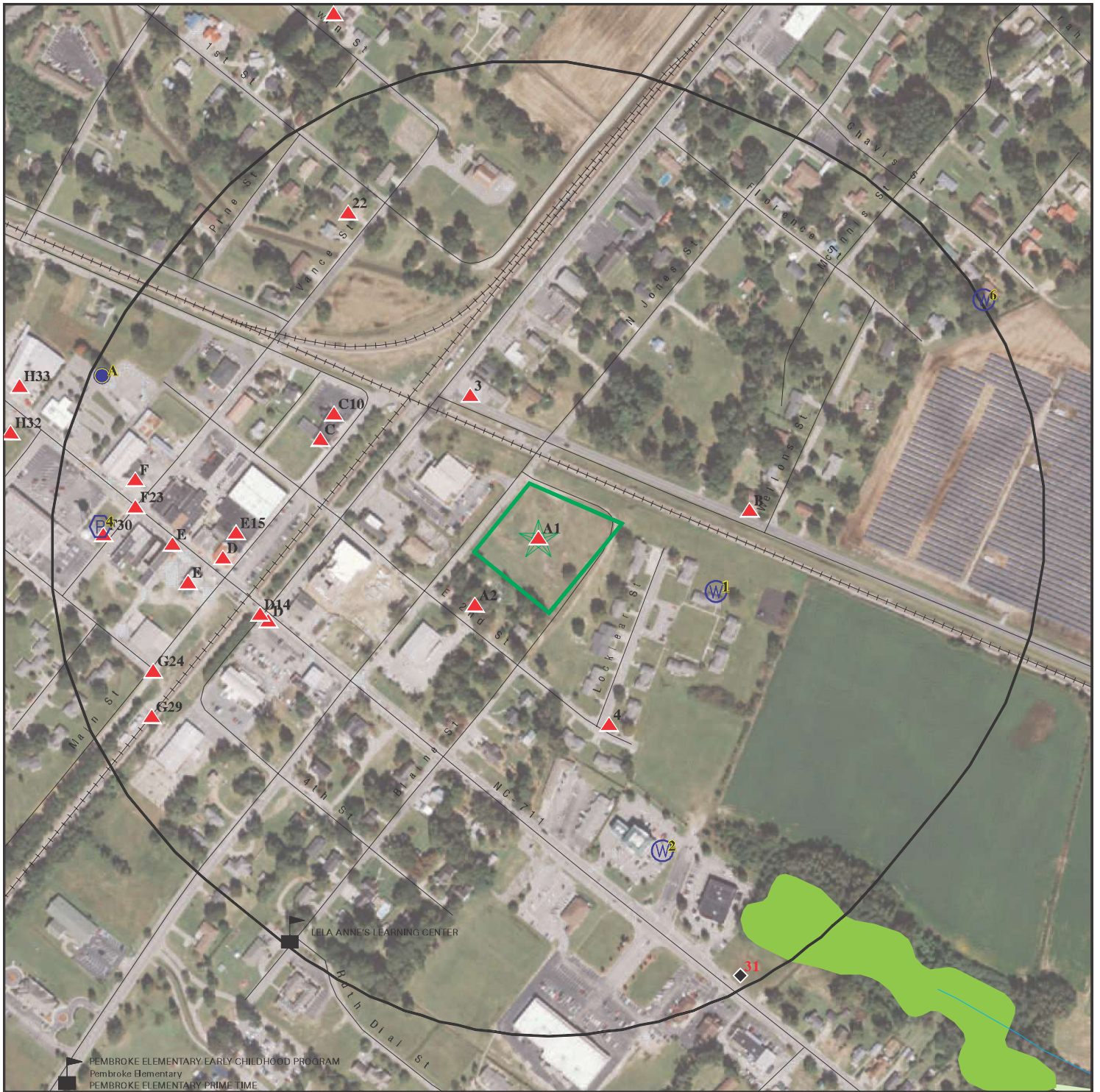
Hazardous Substance Disposal Sites

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

SITE NAME: Pembroke Former Bulk Oil Plant
ADDRESS: South Jones Street and Blaine Street
Pembroke NC 28372
LAT/LONG: 34.68007 / 79.190492

CLIENT: Terracon
CONTACT: Olivia Veno
INQUIRY #: 7719943.2S
DATE: July 29, 2024 3:20 pm

DETAIL MAP - 7719943.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites

- Indian Reservations BIA
- National Wetland Inventory
- State Wetlands

- Hazardous Substance Disposal Sites

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

SITE NAME: Pembroke Former Bulk Oil Plant
 ADDRESS: South Jones Street and Blaine Street
 Pembroke NC 28372
 LAT/LONG: 34.68007 / 79.190492

CLIENT: Terracon
 CONTACT: Olivia Veno
 INQUIRY #: 7719943.2s
 DATE: July 29, 2024 3:24 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Lists of Federal NPL (Superfund) sites</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Lists of Federal Delisted NPL sites</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Lists of Federal CERCLA sites with NFRAP</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA facilities undergoing Corrective Action</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Lists of Federal RCRA TSD facilities</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Lists of Federal RCRA generators</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	1	NR	NR	NR	1
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>Lists of state- and tribal (Superfund) equivalent sites</i>								
NC HSDS	1.000		0	0	0	0	NR	0
<i>Lists of state- and tribal hazardous waste facilities</i>								
SHWS	1.000		0	0	1	0	NR	1
<i>Lists of state and tribal landfills and solid waste disposal facilities</i>								
SWF/LF	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DEBRIS	0.500		0	0	0	NR	NR	0
OLI	0.500		0	0	0	NR	NR	0
LCID	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal leaking storage tanks</i>								
LAST	0.500		0	0	0	NR	NR	0
LUST	0.500		2	5	2	NR	NR	9
INDIAN LUST	0.500		0	0	0	NR	NR	0
LUST TRUST	0.500		0	0	1	NR	NR	1
<i>Lists of state and tribal registered storage tanks</i>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		3	6	NR	NR	NR	9
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<i>State and tribal institutional control / engineering control registries</i>								
INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal voluntary cleanup sites</i>								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<i>Lists of state and tribal brownfield sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500	1	1	1	5	NR	NR	8
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
SWRCY	0.500		0	0	0	NR	NR	0
HIST LF	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
<i>Local Land Records</i>								
LIENS 2	TP		NR	NR	NR	NR	NR	0
<i>Records of Emergency Release Reports</i>								
HMIRS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SPILLS	TP		NR	NR	NR	NR	NR	0
IMD	0.500		1	2	3	NR	NR	6
SPILLS 90	TP		NR	NR	NR	NR	NR	0
SPILLS 80	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		1	0	NR	NR	NR	1
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
PFAS PROJECT	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAIN	0.250		0	0	NR	NR	NR	0
PFAS PT 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	TP		NR	NR	NR	NR	NR	0
UST FINDER RELEASE	0.500		1	1	2	NR	NR	4
UST FINDER	0.250		2	5	NR	NR	NR	7
E MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS	0.250		0	0	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
ASBESTOS	TP		NR	NR	NR	NR	NR	0
CCB	0.500		0	0	0	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		0	1	NR	NR	NR	1
Financial Assurance	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
PCSRP	0.500		0	0	0	NR	NR	0
SEPT HAULERS	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
AOP	TP		NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		1	NR	NR	NR	NR	1
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS	TP		NR	NR	NR	NR	NR	0
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0

- Totals --		1	12	22	14	0	0	49
-------------	--	---	----	----	----	---	---	----

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

A1
Target
Property

PATES SUPPLY COMPANY
2 JONES STREET
PEMBROKE, NC 28372

US BROWNFIELDS **1026464382**
N/A

Site 1 of 2 in cluster A

Actual:
169 ft.

US BROWNFIELDS:

Name: PATES SUPPLY COMPANY
Address: 2 JONES STREET
City,State,Zip: PEMBROKE, NC 28372
Property ID: 243231
Property Alias: Pembroke Oil Company
Recipient Name: North Carolina Department of Environmental Quality
Property Number: 350601004, 350601005, 35060100501
Parcel Size: 2.01
Latitude: 34.68004
Longitude: -79.190416
Census Tract: 37155960502
State or Tribal Voluntary Response Program: N
Program Name: 4B
Contaminants REC: Petroleum Products VOCs
Contaminants Found at Actionable Level: Petroleum Products VOCs
Ownership Entity: Private
Cleanup Required: U
Institutional Controls Required: U
Indicate whether Engineering Controls are required: U
State/tribal program ID: 24024-20-078
Media Affected: Ground Water Soil
Cleanup Completion Doc - NFA Letter Received: N
Past use commercial acreage: 2.01
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro: N
Climate Adapt and Mitiga - Demo or Cleanup: N/A
Radius: 0.5
Below Poverty Number: 953
Below Poverty Percent: 58.68
Meidan Income: 1422
Meidan Income Number: 1256
Meidan Income Percent: 77.34
Vacant Housing Number: 139
Vacant Housing Percent: 21.37
Unemployed Number: 41
Unemployed Percent: 2.52

Name: PATES SUPPLY COMPANY
Address: 2 JONES STREET
City,State,Zip: PEMBROKE, NC 28372
Property ID: 243231
Property Alias: Pembroke Oil Company
Recipient Name: North Carolina Department of Environmental Quality
Property Number: 350601004, 350601005, 35060100501
Parcel Size: 2.01
Latitude: 34.68004
Longitude: -79.190416
Census Tract: 37155960502
State or Tribal Voluntary Response Program: N
Program Name: 4B
Contaminants REC: Petroleum Products VOCs
Contaminants Found at Actionable Level: Petroleum Products VOCs
Ownership Entity: Private

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PATES SUPPLY COMPANY (Continued)

1026464382

Cleanup Required:	U
Institutional Controls Required:	U
Indicate whether Engineering Controls are required:	U
State/tribal program ID:	24024-20-078
Media Affected:	Ground Water Soil
Past use commercial acreage:	2.01
Climate Adaptation and Mitigation Redevelopment:	N/A
Radius:	0.5
Below Poverty Number:	953
Below Poverty Percent:	58.68
Meidan Income:	1422
Meidan Income Number:	1256
Meidan Income Percent:	77.34
Vacant Housing Number:	139
Vacant Housing Percent:	21.37
Unemployed Number:	41
Unemployed Percent:	2.52
Name:	PATES SUPPLY COMPANY
Address:	2 JONES STREET
City,State,Zip:	PEMBROKE, NC 28372
Property ID:	243231
Property Alias:	Pembroke Oil Company
Recipient Name:	North Carolina Department of Environmental Quality
Property Number:	350601004, 350601005, 35060100501
Parcel Size:	2.01
Latitude:	34.68004
Longitude:	-79.190416
Census Tract:	37155960502
State or Tribal Voluntary Response Program:	N
Program Name:	4B
Contaminants REC:	Petroleum Products VOCs
Contaminants Found at Actionable Level:	Petroleum Products VOCs
Climate Adapt Mitig - Planning or Assessment:	N/A
Ownership Entity:	Private
Cleanup Required:	U
Institutional Controls Required:	U
Indicate whether Engineering Controls are required:	U
State/tribal program ID:	24024-20-078
Media Affected:	Ground Water Soil
Cleanup Completion Doc - NFA Letter Received:	N
Past use commercial acreage:	2.01
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	N
Radius:	0.5
Below Poverty Number:	953
Below Poverty Percent:	58.68
Meidan Income:	1422
Meidan Income Number:	1256
Meidan Income Percent:	77.34
Vacant Housing Number:	139
Vacant Housing Percent:	21.37
Unemployed Number:	41
Unemployed Percent:	2.52
Name:	PATES SUPPLY COMPANY
Address:	2 JONES STREET
City,State,Zip:	PEMBROKE, NC 28372

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PATES SUPPLY COMPANY (Continued)

1026464382

Property ID:	243231
Property Alias:	Pembroke Oil Company
Recipient Name:	R4 TBA - North Carolina (STAG Funded)
Property Number:	350601004, 350601005, 35060100501
Parcel Size:	2.01
Latitude:	34.68004
Longitude:	-79.190416
Census Tract:	37155960502
State or Tribal Voluntary Response Program:	N
Activity Funded:	Phase I
Contaminants REC:	Petroleum Products VOCs
Contaminants Found at Actionable Level:	Petroleum Products VOCs
Ownership Entity:	Private
Cleanup Required:	U
Institutional Controls Required:	U
Indicate whether Engineering Controls are required:	U
State/tribal program ID:	24024-20-078
Media Affected:	Ground Water Soil
Past use commercial acreage:	2.01
Climate Adaptation and Mitigation Redevelopment:	N/A
Radius:	0.5
Below Poverty Number:	953
Below Poverty Percent:	58.68
Median Income:	1422
Median Income Number:	1256
Median Income Percent:	77.34
Vacant Housing Number:	139
Vacant Housing Percent:	21.37
Unemployed Number:	41
Unemployed Percent:	2.52
Name:	PATES SUPPLY COMPANY
Address:	2 JONES STREET
City,State,Zip:	PEMBROKE, NC 28372
Property ID:	243231
Property Alias:	Pembroke Oil Company
Recipient Name:	North Carolina Department of Environmental Quality
Property Number:	350601004, 350601005, 35060100501
Parcel Size:	2.01
Latitude:	34.68004
Longitude:	-79.190416
Census Tract:	37155960502
State or Tribal Voluntary Response Program:	N
Program Name:	4B
Contaminants REC:	Petroleum Products VOCs
Contaminants Found at Actionable Level:	Petroleum Products VOCs
Ownership Entity:	Private
Cleanup Required:	U
Institutional Controls Required:	U
Indicate whether Engineering Controls are required:	U
State/tribal program ID:	24024-20-078
Media Affected:	Ground Water Soil
Cleanup Completion Doc - NFA Letter Received:	N
Past use commercial acreage:	2.01
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	N
Climate Adaptation and Mitigation Redevelopment:	N/A
Radius:	0.5

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PATES SUPPLY COMPANY (Continued)

1026464382

Below Poverty Number: 953
Below Poverty Percent: 58.68
Meidan Income: 1422
Meidan Income Number: 1256
Meidan Income Percent: 77.34
Vacant Housing Number: 139
Vacant Housing Percent: 21.37
Unemployed Number: 41
Unemployed Percent: 2.52

Name: PATES SUPPLY COMPANY
Address: 2 JONES STREET
City,State,Zip: PEMBROKE, NC 28372
Property ID: 243231
Property Alias: Pembroke Oil Company
Recipient Name: R4 TBA - North Carolina (STAG Funded)
Property Number: 350601004, 350601005, 35060100501
Parcel Size: 2.01
Latitude: 34.68004
Longitude: -79.190416
Census Tract: 37155960502
State or Tribal Voluntary Response Program: N
AA Activity Funded: Phase I
Activity Funded: Phase I
Contaminants REC: Petroleum Products VOCs
Contaminants Found at Actionable Level: Petroleum Products VOCs
Assessment Funding Entity: EPA
Start Date: 2/11/2020
Ownership Entity: Private
Completion Date: 4/30/2020
Cleanup Required: U
Institutional Controls Required: U
Indicate whether Engineering Controls are required: U
State/tribal program ID: 24024-20-078
Media Affected: Ground Water Soil
Past use commercial acreage: 2.01
Climate Adaptation and Mitigation Redevelopment: N/A
Radius: 0.5
Below Poverty Number: 953
Below Poverty Percent: 58.68
Meidan Income: 1422
Meidan Income Number: 1256
Meidan Income Percent: 77.34
Vacant Housing Number: 139
Vacant Housing Percent: 21.37
Unemployed Number: 41
Unemployed Percent: 2.52

Name: PATES SUPPLY COMPANY
Address: 2 JONES STREET
City,State,Zip: PEMBROKE, NC 28372
Property ID: 243231
Property Alias: Pembroke Oil Company
Recipient Name: R4 TBA - North Carolina (STAG Funded)
Property Number: 350601004, 350601005, 35060100501
Parcel Size: 2.01
Latitude: 34.68004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PATES SUPPLY COMPANY (Continued)

1026464382

Longitude:	-79.190416
Census Tract:	37155960502
State or Tribal Voluntary Response Program:	N
Activity Funded:	Phase I
Contaminants REC:	Petroleum Products VOCs
Contaminants Found at Actionable Level:	Petroleum Products VOCs
Ownership Entity:	Private
Cleanup Required:	U
Institutional Controls Required:	U
Indicate whether Engineering Controls are required:	U
State/tribal program ID:	24024-20-078
Media Affected:	Ground Water Soil
Past use commercial acreage:	2.01
Climate Adapt and Mitiga - Demo or Cleanup:	N/A
Radius:	0.5
Below Poverty Number:	953
Below Poverty Percent:	58.68
Meidan Income:	1422
Meidan Income Number:	1256
Meidan Income Percent:	77.34
Vacant Housing Number:	139
Vacant Housing Percent:	21.37
Unemployed Number:	41
Unemployed Percent:	2.52
Name:	PATES SUPPLY COMPANY
Address:	2 JONES STREET
City,State,Zip:	PEMBROKE, NC 28372
Property ID:	243231
Property Alias:	Pembroke Oil Company
Recipient Name:	North Carolina Department of Environmental Quality
Property Number:	350601004, 350601005, 35060100501
Parcel Size:	2.01
Latitude:	34.68004
Longitude:	-79.190416
Census Tract:	37155960502
State or Tribal Voluntary Response Program:	N
Program Name:	4B
Contaminants REC:	Petroleum Products VOCs
Contaminants Found at Actionable Level:	Petroleum Products VOCs
Ownership Entity:	Private
Cleanup Required:	U
Institutional Controls Required:	U
Indicate whether Engineering Controls are required:	U
State/tribal program ID:	24024-20-078
Media Affected:	Ground Water Soil
Past use commercial acreage:	2.01
Climate Adapt and Mitiga - Demo or Cleanup:	N/A
Radius:	0.5
Below Poverty Number:	953
Below Poverty Percent:	58.68
Meidan Income:	1422
Meidan Income Number:	1256
Meidan Income Percent:	77.34
Vacant Housing Number:	139
Vacant Housing Percent:	21.37
Unemployed Number:	41

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PATES SUPPLY COMPANY (Continued)

1026464382

Unemployed Percent:	2.52
Name:	PATES SUPPLY COMPANY
Address:	2 JONES STREET
City,State,Zip:	PEMBROKE, NC 28372
Property ID:	243231
Property Alias:	Pembroke Oil Company
Recipient Name:	R4 TBA - North Carolina (STAG Funded)
Property Number:	350601004, 350601005, 35060100501
Parcel Size:	2.01
Latitude:	34.68004
Longitude:	-79.190416
Census Tract:	37155960502
State or Tribal Voluntary Response Program:	N
AA Activity Funded:	Phase I
Activity Funded:	Phase I
Contaminants REC:	Petroleum Products VOCs
Contaminants Found at Actionable Level:	Petroleum Products VOCs
Assessment Funding Entity:	EPA
Climate Adapt Mitig - Planning or Assessment:	N/A
Start Date:	2/11/2020
Ownership Entity:	Private
Completion Date:	4/30/2020
Cleanup Required:	U
Institutional Controls Required:	U
Indicate whether Engineering Controls are required:	U
State/tribal program ID:	24024-20-078
Media Affected:	Ground Water Soil
Past use commercial acreage:	2.01
Radius:	0.5
Below Poverty Number:	953
Below Poverty Percent:	58.68
Meidan Income:	1422
Meidan Income Number:	1256
Meidan Income Percent:	77.34
Vacant Housing Number:	139
Vacant Housing Percent:	21.37
Unemployed Number:	41
Unemployed Percent:	2.52
Name:	PATES SUPPLY COMPANY
Address:	2 JONES STREET
City,State,Zip:	PEMBROKE, NC 28372
Property ID:	243231
Property Alias:	Pembroke Oil Company
Recipient Name:	R4 TBA - North Carolina (STAG Funded)
Property Number:	350601004, 350601005, 35060100501
Parcel Size:	2.01
Latitude:	34.68004
Longitude:	-79.190416
Census Tract:	37155960502
State or Tribal Voluntary Response Program:	N
Activity Funded:	Phase I
Contaminants REC:	Petroleum Products VOCs
Contaminants Found at Actionable Level:	Petroleum Products VOCs
Ownership Entity:	Private
Cleanup Required:	U

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PATES SUPPLY COMPANY (Continued)

1026464382

Institutional Controls Required: U
Indicate whether Engineering Controls are required: U
State/tribal program ID: 24024-20-078
Media Affected: Ground Water Soil
Cleanup Completion Doc - NFA Letter Received: N
Past use commercial acreage: 2.01
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro: N
Climate Adapt and Mitiga - Demo or Cleanup: N/A
Radius: 0.5
Below Poverty Number: 953
Below Poverty Percent: 58.68
Meidan Income: 1422
Meidan Income Number: 1256
Meidan Income Percent: 77.34
Vacant Housing Number: 139
Vacant Housing Percent: 21.37
Unemployed Number: 41
Unemployed Percent: 2.52

[Click this hyperlink](#) while viewing on your computer to access
5 additional US BROWNFIELDS: record(s) in the EDR Site Report.

Name: PATES SUPPLY COMPANY
Address: 2 JONES STREET
City,State,Zip: PEMBROKE, NC 28372
Property ID: 243231
Property Alias: Pembroke Oil Company
Recipient Name: R4 TBA - North Carolina (STAG Funded)
Property Number: 350601004, 350601005, 35060100501
Parcel Size: 2.01
Latitude: 34.68004
Longitude: -79.190416
Census Tract: 37155960502
State or Tribal Voluntary Response Program: N
AA Activity Funded: Phase I
Activity Funded: Phase I
Contaminants REC: Petroleum Products VOCs
Contaminants Found at Actionable Level: Petroleum Products VOCs
Assessment Funding Entity: EPA
Start Date: 2/11/2020
Ownership Entity: Private
Completion Date: 4/30/2020
Cleanup Required: U
Institutional Controls Required: U
Indicate whether Engineering Controls are required: U
State/tribal program ID: 24024-20-078
Media Affected: Ground Water Soil
Past use commercial acreage: 2.01
Climate Adapt and Mitiga - Demo or Cleanup: N/A
Radius: 0.5
Below Poverty Number: 953
Below Poverty Percent: 58.68
Meidan Income: 1422
Meidan Income Number: 1256
Meidan Income Percent: 77.34
Vacant Housing Number: 139
Vacant Housing Percent: 21.37

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PATES SUPPLY COMPANY (Continued)

1026464382

Unemployed Number: 41
Unemployed Percent: 2.52

[Click this hyperlink](#) while viewing on your computer to access
5 additional US BROWNFIELDS: record(s) in the EDR Site Report.

**A2
SW
< 1/8
0.023 mi.
124 ft.**

**MAYNOR MANOR
207 EAST SECOND STREET
PEMBROKE, NC 28372**

**US BROWNFIELDS 1024241960
FINDS N/A**

Site 2 of 2 in cluster A

**Relative:
Higher**

US BROWNFIELDS:

**Actual:
169 ft.**

Name: MAYNOR MANOR
Address: 207 EAST SECOND STREET
City,State,Zip: PEMBROKE, NC 28372
Property ID: 109086
Recipient Name: Pembroke, Town of
Grant Type: Petroleum
Property Number: LT 2 3 BL W PEMBROKE SD 350601014 and AC E JONES ST S/S RR 3050601014
Parcel Size: 6.5
Latitude: 34.679569
Longitude: -79.1915484
Census Tract: 37155960502
State or Tribal Voluntary Response Program: Y
Program Name: BF
Cooperative Agreement Number: 96460706
Start Date: 6/5/2009
Ownership Entity: Government
Completion Date: 7/17/2009
Cleanup Required: U
Institutional Controls Required: U
IC in place: N
Indicate whether Engineering Controls are required: U
Indicate whether Engineering Controls are in place: N
Media Affected: Unknown
Past use residential acreage: 6.5
Cleanup Completion Doc - NFA Letter Received: N
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro: N
Future use residential acreage: 6.5
Radius: 0.5
Below Poverty Number: 687
Below Poverty Percent: 58.32
Median Income: 1327
Median Income Number: 896
Median Income Percent: 76.06
Vacant Housing Number: 98
Vacant Housing Percent: 20.58
Unemployed Number: 30
Unemployed Percent: 2.55

Name: MAYNOR MANOR
Address: 207 EAST SECOND STREET
City,State,Zip: PEMBROKE, NC 28372
Property ID: 109086
Recipient Name: Pembroke, Town of
Grant Type: Petroleum
Property Number: LT 2 3 BL W PEMBROKE SD 350601014 and AC E JONES ST S/S RR 3050601014

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MAYNOR MANOR (Continued)

1024241960

Parcel Size: 6.5
Latitude: 34.679569
Longitude: -79.1915484
Census Tract: 37155960502
State or Tribal Voluntary Response Program: Y
Program Name: BF
Cooperative Agreement Number: 96460706
Ownership Entity: Government
Cleanup Required: U
Institutional Controls Required: U
IC in place: N
Indicate whether Engineering Controls are required: U
Indicate whether Engineering Controls are in place: N
Media Affected: Unknown
Past use residential acreage: 6.5
Cleanup Completion Doc - NFA Letter Received: N
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro: N
Future use residential acreage: 6.5
Radius: 0.5
Below Poverty Number: 687
Below Poverty Percent: 58.32
Meidan Income: 1327
Meidan Income Number: 896
Meidan Income Percent: 76.06
Vacant Housing Number: 98
Vacant Housing Percent: 20.58
Unemployed Number: 30
Unemployed Percent: 2.55

FINDS:

Registry ID: 110070247788

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on Brownfields properties assessed or cleaned up with grant funding, as well as information on Targeted Brownfields Assessments (TBA) performed by EPA Regions.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

3
NNW
< 1/8
0.063 mi.
332 ft.

GLENN'S QUICK STOP
101 EAST RAILROAD STREET
PEMBROKE, NC 28372

LUST **S103040435**
IMD **N/A**

Relative:
Higher

LUST:

Actual:
169 ft.

Name: GLENN'S QUICK STOP
Address: 101 EAST RAILROAD STREET
City,State,Zip: PEMBROKE, NC 28372
Facility ID: 00-0-0000026834
UST Number: FA-951
Incident Number: 18221
Source Type: 3
Date Reported: 07/08/1997

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GLENN'S QUICK STOP (Continued)

S103040435

Close Out: 04/30/2021
Level Of Soil Cleanup Achieved: S3
Commercial/NonCommercial UST Site: C
Risk Classification: H
Risk Class Based On Review: L
Site Priority: 050B
Land Use: RES
MTBE1: N
Flag: 0
Flag1: 0
LUR Filed: 04/26/2021
GPS Confirmed: 31
Current Status: A
RBCA GW: G2
PETOPT: 3
RPL: False
CD Num: 0
Reel Num: 0
RPOW: False
RPOP: False
Error Flag: 0
Error Code: N
Valid: False
Regional Officer Project Mgr: STF
Company: GLENN'S QUICK SHOP

LUST:
Incident Number: 18221
Last Modified: 4/30/2021
Incident Phase: CO
NORR Issued: 5/6/1998

IMD:
Facility ID: 18221
Name: GLENN'S QUICK SOP
Address: UNION CHAPEL RD. & E. R.R. ST.
City,State,Zip: PEMBROKE, NC
Date Occurred: 7/8/1997
Submit Date: 1/31/1998
Incident Desc: CONTAMINATED SOIL AND GW WERE FOUND DURING UST REMOVAL.
Operator: DELIA J. PATE
Ownership: 4
Operation: 6
Ownership: Private
Operation Type: Commercial
Source: Leak-underground
Type: GASOLINE/DIESEL
Location: 1
Site Priority: 050B
Priority Update: 7/17/1998
Wells Affected: No
Num Affected: 0
Location: Facility
Sampled By: 3
Samples Include: 1
GW Contam: Yes, Groundwater Contamination has been detected

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GLENN'S QUICK STOP (Continued)

S103040435

Soil Contam: No
Owner Company: GLENN'S QUICK SHOP
Operator Address: RT. 2 BOX 36
Operator City,State,Zip: PEMBROKE, NC 28372
Material: GASOLINE
Setting: 3
Risk Site: H
Priority Code: H
Dem Contact: KEC
GPS: NOD

Status:
Facility ID: 18221
Last Modified: 2021-04-30 00:00:00
Incident Phase: CO
NORR Issued: 1998-05-06 00:00:00

4
SSE
< 1/8
0.075 mi.
394 ft.

SOUTHERN BELL-GLC 2C128
SECOND STREET
PEMBROKE, NC 27872

UST U001200195
N/A

Relative:
Higher
Actual:
169 ft.

UST:
Name: SOUTHERN BELL-GLC 2C128
Address: SECOND STREET
City,State,Zip: PEMBROKE, NC 27872
Facility Id: 00-0-0000021955
Contact: BELLSOUTH TELECOMMUNICATIONS INC
Contact Address1: 7825 RED TOP ROAD/RAYSELL WAMSLEY
Contact City/State/Zip: MACCLENNY, FL 32063
FIPS County Desc: Robeson
Latitude: 0
Longitude: 0

[Click here to access the North Carolina DEQ records for this facility:](#)

Tank Id: 1
Tank Status: Removed
Installed Date: 08/20/1987
Perm Close Date: 11/13/1996
Product Name: Diesel
Tank Capacity: 550
Main Tank: No
Compartment Tank: No
Commercial: Yes
Regulated: Yes
Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Decode for TCONS_KEY: Single Wall Steel/FRP
Decode for PCONS_KEY: Other
Decode for PSYS_KEY: Unknown

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B5
East
< 1/8
0.076 mi.
400 ft.

PEMBROKE PUBLIC WORKS
329 EAST RAILROAD STREET
PEMBROKE, NC 28372

LUST **U003146566**
UST **N/A**

Relative:
Higher
Actual:
169 ft.

Site 1 of 3 in cluster B

LUST:

Name: TOWN OF PEMBROKE-PUBLIC WORKS
Address: 329 EAST RAILROAD ST.
City,State,Zip: PEMBROKE, NC 28372
Facility ID: 00-0-0000028837
UST Number: FA-656
Incident Number: 11864
Source Type: 3
Date Reported: 12/22/1993
Closure Request: 2002-05-21 00:00:00
Close Out: 05/31/2002
Level Of Soil Cleanup Achieved: S3
Of Supply Wells: 0
Commercial/NonCommercial UST Site: C
Risk Classification: H
Risk Class Based On Review: L
Site Priority: 060D
Land Use: RES
MTBE1: Y
Flag: 0
Flag1: 0
GPS Confirmed: 31
Current Status: A
RBCA GW: G1
PETOPT: 3
RPL: False
CD Num: 243
Reel Num: 0
RPOW: False
RPOP: False
Error Flag: 0
Error Code: N
Valid: False
Regional Officer Project Mgr: KEC
Company: TOWN OF PEMBROKE
Telephone: 9105219758

LUST:

Incident Number: 11864
Last Modified: 5/31/2002
Incident Phase: CO
Close-out Report: 5/31/2002

UST:

Name: PEMBROKE PUBLIC WORKS
Address: 329 EAST RAILROAD STREET
City,State,Zip: PEMBROKE, NC 28372
Facility Id: 00-0-0000028837
Contact: TOWN OF PEMBROKE
Contact Address1: PO BOX 866 203 W THIRD ST
Contact City/State/Zip: PEMBROKE, NC 28372-0866
FIPS County Desc: Robeson

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEMBROKE PUBLIC WORKS (Continued)

U003146566

Latitude: 34.67901
Longitude: -79.1831

[Click here to access the North Carolina DEQ records for this facility:](#)

Tank Id: 1
Tank Status: Removed
Installed Date: 01/01/1964
Perm Close Date: 05/09/1995
Product Name: Gasoline, Gas Mix
Tank Capacity: 4000
Main Tank: No
Compartment Tank: No
Commercial: Yes
Regulated: Yes
Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall Steel
Decode for PSYS_KEY: Unknown

Tank Id: 2
Tank Status: Removed
Installed Date: 01/01/1964
Perm Close Date: 05/09/1995
Product Name: Gasoline, Gas Mix
Tank Capacity: 4000
Main Tank: No
Compartment Tank: No
Commercial: Yes
Regulated: Yes
Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall Steel
Decode for PSYS_KEY: Unknown

Tank Id: A1
Tank Status: Current
Installed Date: 05/01/1995
Perm Close Date: 05/09/1995
Product Name: Gasoline, Gas Mix
Tank Capacity: 6000
Main Tank: No
Compartment Tank: No
Manifold Tank: 0
Commercial: Yes
Regulated: Yes
Overfill Protection Name: Auto Shutoff Device
Spill Protection Name: Catchment Basin
Decode for TCONS_KEY: Single Wall Steel/FRP
Decode for PCONS_KEY: Single Wall FRP
Decode for PSYS_KEY: Unknown

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B6
East
< 1/8
0.076 mi.
400 ft.
PEMBROKE PUBLIC WORKS
329 EAST RAILROAD STREET
PEMBROKE, NC 28372
Site 2 of 3 in cluster B

UST FINDER **1028517896**
UST FINDER RELEASE **N/A**

Relative:
Higher
Actual:
169 ft.

UST FINDER:
Object ID: 586335
Facility ID: NC00-0-0000028837
Name: PEMBROKE PUBLIC WORKS
Address: 329 EAST RAILROAD STREET
City,State,Zip: PEMBROKE, NC 28372
Open USTs: 1
Closed USTs: 2
TOS USTs: 0
Population 1500ft: 184
Private Wells 1500ft: 5
Within 100yr Floodplain: No
Land Use: Non-Developed
Within SPA: Yes
SPA PWS Facility ID: NC0378010_29046
SPA Water Type: GU - Ground Water Under the Influence of Surface Water
SPA Facility Type: WL - Well
SPA HUC12: 030402031003
Within WHPA: Yes
WHPA PWS Facility ID: NC0378020_74753
WHPA Water Type: GW - Ground water
WHPA Facility Type: WL - Well
WHPA HUC12: 030402030402
Facility Status: Open UST(s)
EPA Region: 4
Coordinate Source: State
X Coord: -79.183121
Y Coord: 34.679015
Latitude: 34.679015
Longitude: -79.183121

UST FINDER:
Object ID: 1339255
Facility ID: NC00-0-0000028837
Tank ID: NC00-0-0000028837_1
Tank Status: Closed
Installation Date: 1964/01/01 16:00:01+00
Removal Date: 1995/05/09 15:59:59+00
Tank Capacity: 4000
Substances: Gasoline, Gas Mix
Tank Wall Type: Single

Object ID: 1339256
Facility ID: NC00-0-0000028837
Tank ID: NC00-0-0000028837_2
Tank Status: Closed
Installation Date: 1964/01/01 16:00:01+00
Removal Date: 1995/05/09 15:59:59+00
Tank Capacity: 4000
Substances: Gasoline, Gas Mix
Tank Wall Type: Single

Object ID: 1405592
Facility ID: NC00-0-0000028837

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEMBROKE PUBLIC WORKS (Continued)

1028517896

Tank ID: NC00-0-0000028837_A1
Tank Status: Open
Installation Date: 1995/05/01 15:59:59+00
Tank Capacity: 6000
Substances: Gasoline, Gas Mix
Tank Wall Type: Single

UST FINDER RELEASE:

Object ID: 282545
Facility ID: NC00-0-0000028837
Lust ID: NC3251
Name: TOWN OF PEMBROKE-PUBLIC WORKS
Address: 329 EAST RAILROAD ST.
City,State,Zip: PEMBROKE, NC 28372
Reported Date: 1993/12/22 15:59:59+00
Status: No Further Action
Population within 1500ft: 185
Domestic Wells within 1500ft: 5
Land Use: Non-Developed
Within SPA: Yes
SPA PWS Facility ID: NC0378010_29046
SPA Water Type: GU - Ground Water Under the Influence of Surcace Water
SPA Facility Type: WL - Well
SPA HUC12: 30402031003
Within WHPA: Yes
WHPA PWS Facility ID: NC0378020_74753
WHPA Water Type: GW - Ground water
WHPA Facility Type: WL - Well
WHPA HUC12: 030402030402
Within 100yr Floodplain: No
EPA Region: 4
Coordinate Source: State
X Coord: -79.18317999999999
Y Coord: 34.67909
Latitude: 34.67909
Longitude: -79.18317999999999

B7
East
< 1/8
0.076 mi.
400 ft.

FLEETWOOD HOMES OF N C
349 EAST RAILROAD ST
PEMBROKE, NC 28372
Site 3 of 3 in cluster B

RCRA NonGen / NLR 1012183828
NCS000001398

Relative:
Higher
Actual:
169 ft.

RCRA Listings:
Date Form Received by Agency: 20090723
Handler Name: Fleetwood Homes Of N C
Handler Address: East Railroad St
Handler City,State,Zip: PEMBROKE, NC 28372
EPA ID: NCS000001398
Contact Name: JIMMY PHILLIPS
Contact Address: EAST RAILROAD ST
Contact City,State,Zip: PEMBROKE, NC 28372
Contact Telephone: 912-383-9182
EPA Region: 04
Land Type: Private
Federal Waste Generator Description: Not a generator, verified

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLEETWOOD HOMES OF N C (Continued)

1012183828

Mailing Address:	EAST RAILROAD ST
Mailing City,State,Zip:	PEMBROKE, NC 28372
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Hazardous Secondary Material Indicator:	N
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20090723
Handler Name:	FLEETWOOD HOMES OF N C
Federal Waste Generator Description:	Not a generator, verified
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found
--------------	----------------------

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FLEETWOOD HOMES OF N C (Continued)

1012183828

Has the Facility Received Notices of Violations:

Found Violation: No

Evaluation Action Summary:

Evaluation Date: 20090723
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION
Evaluation Responsible Person Identifier: NC036
Evaluation Responsible Sub-Organization: 07

C8
WNW
< 1/8
0.112 mi.
594 ft.

PATES SUPPLY CO INC
108 E. MAIN ST
PEMBROKE, NC 28372

UST U001198942
N/A

Site 1 of 3 in cluster C

Relative:
Higher

UST:

Actual:
169 ft.

Name: PATES SUPPLY CO INC
Address: 108 E. MAIN ST
City,State,Zip: PEMBROKE, NC 28372
Facility Id: 00-0-0000019843
Contact: PATES SUPPLY CO INC
Contact Address1: 108 E. MAIN ST
Contact City/State/Zip: PEMBROKE, NC 28372
FIPS County Desc: Robeson
Latitude: 34.68111
Longitude: -79.1923

[Click here to access the North Carolina DEQ records for this facility:](#)

Tank Id: 1
Tank Status: Removed
Installed Date: 03/03/1956
Perm Close Date: 06/01/1979
Product Name: Gasoline, Gas Mix
Tank Capacity: 500
Main Tank: No
Compartment Tank: No
Commercial: Yes
Regulated: Yes
Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall Steel
Decode for PSYS_KEY: Unknown

TC7719943.2s Page 25

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEMBROKE SUNOCO SERVICE (Continued)

1021700186

1978	PEMBROKE SUNOCO SERVICE	Gasoline Service Stations
1979	PEMBROKE SUNOCO SERVICE	Gasoline Service Stations
1980	PEMBROKE SUNOCO SERVICE	Gasoline Service Stations
1982	PEMBROKE SUNOCO SERVICE	Gasoline Service Stations
1983	PEMBROKE SUNOCO SERVICE	Gasoline Service Stations
1985	PEMBROKE SUNOCO SERVICE	Gasoline Service Stations
1986	PEMBROKE SUNOCO SERVICE	Gasoline Service Stations
1987	PEMBROKE SUNOCO SERVICE	Gasoline Service Stations
1988	PEMBROKE SUNOCO SERVICE	Gasoline Service Stations
1989	PEMBROKE SUNOCO SERVICE	Gasoline Service Stations
1990	PEMBROKE SUNOCO SERVICE	Gasoline Service Stations
1991	PEMBROKE SUNOCO SERVICE	Gasoline Service Stations
1992	PEMBROKE SUNOCO SERVICE	Gasoline Service Stations
1993	PEMBROKE SUNOCO SERVICE	Gasoline Service Stations

D11
WSW
1/8-1/4
0.126 mi.
663 ft.

PAT'S PLACE
11942 DEEP BRANCH ROAD
PEMBROKE, NC 28372

Site 1 of 6 in cluster D

LUST **S105764344**
N/A

Relative:
Higher

LUST:

Actual:
169 ft.

Name:	PAT'S PLACE
Address:	11942 DEEP BRANCH ROAD
City,State,Zip:	PEMBROKE, NC 28372
UST Number:	FA-525
Incident Number:	9899
Source Type:	3
Date Reported:	02/01/1993
Close Out:	09/11/2020
Level Of Soil Cleanup Achieved:	S3
Commercial/NonCommercial UST Site:	C
Risk Classification:	L
Risk Class Based On Review:	L
Site Priority:	050E
Land Use:	RES
MTBE1:	U
Flag:	1
Flag1:	0
GPS Confirmed:	31
Current Status:	A
RBCA GW:	N
PETOPT:	3
RPL:	False
CD Num:	0
Reel Num:	0
RPOW:	False
RPOP:	False
Error Flag:	0
Error Code:	N
Valid:	False
Regional Officer Project Mgr:	KEC

LUST:

Incident Number:	9899
Last Modified:	9/11/2020
Incident Phase:	CO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

D12
WSW
1/8-1/4
0.128 mi.
676 ft.
PEMBROKE SOJO
110 E THIRD STREET
PEMBROKE, NC 28372
Site 2 of 6 in cluster D

UST
Financial Assurance
U001202939
N/A

Relative:
Higher
Actual:
169 ft.

UST:
Name: PEMBROKE SOJO
Address: 110 E THIRD STREET
City,State,Zip: PEMBROKE, NC 28372
Facility Id: 00-0-0000026379
Contact: I 95 MINI MALL INCORPORATED
Contact Address1: PO BOX 2048
Contact City/State/Zip: RAEFORD, NC 28376
FIPS County Desc: Robeson
Latitude: 34.67876
Longitude: -79.1927

[Click here to access the North Carolina DEQ records for this facility:](#)

Tank Id: 1
Tank Status: Current
Installed Date: 11/01/1979
Product Name: Gasoline, Gas Mix
Tank Capacity: 6000
Main Tank: No
Compartment Tank: No
Manifold Tank: 0
Commercial: Yes
Regulated: Yes
Overfill Protection Name: Auto Shutoff Device
Spill Protection Name: Catchment Basin
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall FRP
Decode for PSYS_KEY: Pressurized System

Tank Id: 2
Tank Status: Current
Installed Date: 11/01/1979
Product Name: Gasoline, Gas Mix
Tank Capacity: 6000
Main Tank: No
Compartment Tank: No
Manifold Tank: 0
Commercial: Yes
Regulated: Yes
Overfill Protection Name: Auto Shutoff Device
Spill Protection Name: Catchment Basin
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall FRP
Decode for PSYS_KEY: No Piping

Tank Id: 3
Tank Status: Current
Installed Date: 11/01/1979
Product Name: Gasoline, Gas Mix

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEMBROKE SOJO (Continued)

U001202939

Tank Capacity: 6000
Main Tank: No
Compartment Tank: No
Manifold Tank: 0
Commercial: Yes
Regulated: Yes
Overfill Protection Name: Auto Shutoff Device
Spill Protection Name: Catchment Basin
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall FRP
Decode for PSYS_KEY: Pressurized System

Tank Id: 4
Tank Status: Current
Installed Date: 01/01/1979
Product Name: Gasoline, Gas Mix
Tank Capacity: 4000
Main Tank: No
Compartment Tank: No
Manifold Tank: 0
Commercial: Yes
Regulated: Yes
Overfill Protection Name: Auto Shutoff Device
Spill Protection Name: Catchment Basin
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall FRP
Decode for PSYS_KEY: Pressurized System

Tank Id: 5
Tank Status: Current
Installed Date: 11/01/1979
Product Name: Diesel
Tank Capacity: 6000
Main Tank: No
Compartment Tank: No
Manifold Tank: 0
Commercial: Yes
Regulated: Yes
Overfill Protection Name: Auto Shutoff Device
Spill Protection Name: Catchment Basin
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall FRP
Decode for PSYS_KEY: Pressurized System

Tank Id: 6
Tank Status: Temporarily Closed
Installed Date: 10/01/1962
Product Name: Oil, New/Used/Mix
Tank Capacity: 550
Main Tank: No
Compartment Tank: No
Manifold Tank: 0
Commercial: Yes
Regulated: Yes

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEMBROKE SOJO (Continued)

U001202939

Overfill Protection Name: None
Spill Protection Name: None
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: None
Decode for PSYS_KEY: No Piping

NC Financial Assurance 1:

Name: PEMBROKE SOJO
Address: 110 E THIRD STREET
City,State,Zip: PEMBROKE, NC 28372
Facility ID: 00-0-0000026379
Region: 1
Financial Responsibility Desc: Self-Insurance
Financial Responsibility Name: I 95 Mini Mall Incorporated
Started Date: 05/07/2012
Ended Date: 05/07/2013

D13
WSW
1/8-1/4
0.128 mi.
676 ft.
PEMBROKE SOJO
110 E THIRD STREET
PEMBROKE, NC 28372
Site 3 of 6 in cluster D

UST FINDER 1028516961
N/A

Relative:
Higher

UST FINDER:

Actual:
169 ft.

Object ID: 586333
Facility ID: NC00-0-0000026379
Name: PEMBROKE SOJO
Address: 110 E THIRD STREET
City,State,Zip: PEMBROKE, NC 28372
Open USTs: 5
Closed USTs: 0
TOS USTs: 1
Population 1500ft: 346
Private Wells 1500ft: 18
Within 100yr Floodplain: No
Land Use: Developed, Medium Intensity
Within SPA: Yes
SPA PWS Facility ID: NC0378010_29046
SPA Water Type: GU - Ground Water Under the Influence of Surface Water
SPA Facility Type: WL - Well
SPA HUC12: 030402031003
Within WHPA: Yes
WHPA PWS Facility ID: NC0378020_29059
WHPA Water Type: GW - Ground water
WHPA Facility Type: WL - Well
WHPA HUC12: 030402030403
Facility Status: Open UST(s)
EPA Region: 4
Coordinate Source: State
X Coord: -79.19271
Y Coord: 34.6787640000001
Latitude: 34.678764
Longitude: -79.19271

UST FINDER:

Object ID: 1404604
Facility ID: NC00-0-0000026379
Tank ID: NC00-0-0000026379_1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEMBROKE SOJO (Continued)

1028516961

Tank Status: Open
Installation Date: 1979/11/01 16:00:00+00
Tank Capacity: 6000
Substances: Gasoline, Gas Mix
Tank Wall Type: Single

Object ID: 1404605
Facility ID: NC00-0-0000026379
Tank ID: NC00-0-0000026379_2
Tank Status: Open
Installation Date: 1979/11/01 16:00:00+00
Tank Capacity: 6000
Substances: Gasoline, Gas Mix
Tank Wall Type: Single

Object ID: 1404606
Facility ID: NC00-0-0000026379
Tank ID: NC00-0-0000026379_3
Tank Status: Open
Installation Date: 1979/11/01 16:00:00+00
Tank Capacity: 6000
Substances: Gasoline, Gas Mix
Tank Wall Type: Single

Object ID: 1404607
Facility ID: NC00-0-0000026379
Tank ID: NC00-0-0000026379_4
Tank Status: Open
Installation Date: 1979/01/01 16:00:00+00
Tank Capacity: 4000
Substances: Gasoline, Gas Mix
Tank Wall Type: Single

Object ID: 1404608
Facility ID: NC00-0-0000026379
Tank ID: NC00-0-0000026379_5
Tank Status: Open
Installation Date: 1979/11/01 16:00:00+00
Tank Capacity: 6000
Substances: Diesel
Tank Wall Type: Single

Object ID: 1404609
Facility ID: NC00-0-0000026379
Tank ID: NC00-0-0000026379_6
Tank Status: Temporarily out of Service
Installation Date: 1962/10/01 16:00:01+00
Tank Capacity: 550
Substances: Oil, New/Used/Mix
Tank Wall Type: Single

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

	Site	Database(s)	
D14	SHEFF'S SEAFOOD & COMPANY STORE	US BROWNFIELDS	1016625846
WSW	100 E. 3RD ST.	FINDS	N/A
1/8-1/4	PEMBROKE, NC 28372		
0.131 mi.			
694 ft.	Site 4 of 6 in cluster D		

Relative:	US BROWNFIELDS:	
Higher	Name:	SHEFF'S SEAFOOD & COMPANY STORE
	Address:	100 E. 3RD ST.
Actual:	City,State,Zip:	PEMBROKE, NC 28372
169 ft.	Property ID:	67441
	Recipient Name:	Pembroke, Town of
	Grant Type:	Petroleum
	Property Number:	350503002, 350503003
	Parcel Size:	0.95
	Latitude:	34.676703
	Longitude:	-79.1892425
	Census Tract:	37155960502
	State or Tribal Voluntary Response Program:	Y
	Program Name:	BF
	Assessment Funding Entity:	EPA
	Cooperative Agreement Number:	96460706
	Start Date:	3/1/2007
	Ownership Entity:	Private
	Completion Date:	11/30/2007
	Cleanup Required:	U
	Media Affected:	Unknown
	Cleanup Completion Doc - NFA Letter Received:	N
	Past use commercial acreage:	0.95
	Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	N
	Radius:	0.5
	Below Poverty Number:	715
	Below Poverty Percent:	57.89
	Meidan Income:	1677
	Meidan Income Number:	925
	Meidan Income Percent:	74.9
	Vacant Housing Number:	101
	Vacant Housing Percent:	20.08
	Unemployed Number:	31
	Unemployed Percent:	2.51

FINDS:
Registry ID: 110038718340

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on Brownfields properties assessed or cleaned up with grant funding, as well as information on Targeted Brownfields Assessments (TBA) performed by EPA Regions.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

E15
West
1/8-1/4
0.141 mi.
745 ft.
CALVARY WAY BAPTIST CHURCH
210 N. MAIN STREET
PEMBROKE, NC 28372
Site 1 of 5 in cluster E

LUST **S126204554**
N/A

Relative:
Higher
Actual:
169 ft.

LUST:
Name: CALVARY WAY BAPTIST CHURCH
Address: 210 N. MAIN STREET
City,State,Zip: PEMBROKE, NC 28372
UST Number: FA-8047
Incident Number: 42258
Source Type: 3
Date Reported: 02/17/2020
Of Supply Wells: 0
Commercial/NonCommercial UST Site: N
Risk Class Based On Review: U
MTBE: 0
MTBE1: U
Flag: 0
GPS Confirmed: 30
Current Status: C
PETOPT: 4
RPL: True
RPOW: True
RPOP: False
Error Code: N
Valid: False
Regional Officer Project Mgr: KEC
Company: CALVARY WAY BAPTIST CHURCH
Telephone: 8436877197

LUST:
UST Number: FA-8047
Facility Id: 42258
Date Occurred: 2020-02-13 00:00:00
Ownership: 4
Operation Type: 4
Type: 4
Location: 8
Wells Affected Y/N: N
7#5 Minute Quad: N
Err Type: 4
Cause: 7
Source: 1
UST Number: P

D16
West
1/8-1/4
0.148 mi.
783 ft.
PEMBROKE SUNOCO
102 THIRD STREET
PEMBROKE, NC 28372
Site 5 of 6 in cluster D

UST **U001187805**
N/A

Relative:
Higher
Actual:
169 ft.

LUST:
Name: PEMBROKE SUNOCO
Address: 102 THIRD STREET
City,State,Zip: PEMBROKE, NC 28372
Facility Id: 00-0-0000002720
Contact: MID-STATE OIL COMPANY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEMBROKE SUNOCO (Continued)

U001187805

Contact Address1: PO BOX 849-1820 S MAIN STREET
Contact City/State/Zip: LEXINGTON, NC 27293-0849
FIPS County Desc: Robeson
Latitude: 34.67987
Longitude: -79.1939

[Click here to access the North Carolina DEQ records for this facility:](#)

Tank Id: 001
Tank Status: Removed
Installed Date: 04/22/1977
Perm Close Date: 06/30/1987
Product Name: Gasoline, Gas Mix
Tank Capacity: 3000
Main Tank: No
Compartment Tank: No
Commercial: Yes
Regulated: Yes
Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall Steel
Decode for PSYS_KEY: Unknown

Tank Id: 002
Tank Status: Removed
Installed Date: 04/22/1976
Perm Close Date: 06/30/1987
Product Name: Gasoline, Gas Mix
Tank Capacity: 4000
Main Tank: No
Compartment Tank: No
Commercial: Yes
Regulated: Yes
Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall Steel
Decode for PSYS_KEY: Unknown

Tank Id: 003
Tank Status: Removed
Installed Date: 04/23/1975
Perm Close Date: 06/30/1987
Product Name: Gasoline, Gas Mix
Tank Capacity: 1000
Main Tank: No
Compartment Tank: No
Commercial: Yes
Regulated: Yes
Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall Steel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEMBROKE SUNOCO (Continued)

U001187805

Decode for PSYS_KEY: Unknown

Tank Id: 1
Tank Status: Removed
Installed Date: 04/22/1977
Perm Close Date: 06/30/1987
Product Name: Gasoline, Gas Mix
Tank Capacity: 3000
Main Tank: No
Compartment Tank: No
Commercial: Yes
Regulated: Yes
Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall Steel
Decode for PSYS_KEY: Unknown

D17
West
1/8-1/4
0.148 mi.
784 ft.

PEMBROKE SUNOCO
102 THIRD STREET
PEMBROKE, NC 28372

Site 6 of 6 in cluster D

UST FINDER 1028497130
N/A

Relative:
Higher
Actual:
169 ft.

UST FINDER:
Object ID: 586337
Facility ID: NC00-0-0000002720
Name: PEMBROKE SUNOCO
Address: 102 THIRD STREET
City,State,Zip: PEMBROKE, NC 28372
Address Match Type: StreetAddress
Open USTs: 0
Closed USTs: 4
TOS USTs: 0
Population 1500ft: 444
Private Wells 1500ft: 23
Within 100yr Floodplain: No
Land Use: Developed, Medium Intensity
Within SPA: Yes
SPA PWS Facility ID: NC0378010_29046
SPA Water Type: GU - Ground Water Under the Influence of Surface Water
SPA Facility Type: WL - Well
SPA HUC12: 030402031003
Within WHPA: Yes
WHPA PWS Facility ID: NC0378020_29059
WHPA Water Type: GW - Ground water
WHPA Facility Type: WL - Well
WHPA HUC12: 030402030403
Facility Status: Closed UST(s)
EPA Region: 4
Coordinate Source: Geocode
X Coord: -79.19375999999999
Y Coord: 34.6798010000001
Latitude: 34.679801
Longitude: -79.19376

UST FINDER:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEMBROKE SUNOCO (Continued)

1028497130

Object ID: 1381880
Facility ID: NC00-0-0000002720
Tank ID: NC00-0-0000002720_1
Tank Status: Closed
Installation Date: 1977/04/22 16:00:00+00
Removal Date: 1987/06/30 16:00:00+00
Tank Capacity: 3000
Substances: Gasoline, Gas Mix
Tank Wall Type: Single

Object ID: 1381881
Facility ID: NC00-0-0000002720
Tank ID: NC00-0-0000002720_2
Tank Status: Closed
Installation Date: 1976/04/22 16:00:00+00
Removal Date: 1987/06/30 16:00:00+00
Tank Capacity: 4000
Substances: Gasoline, Gas Mix
Tank Wall Type: Single

Object ID: 1381882
Facility ID: NC00-0-0000002720
Tank ID: NC00-0-0000002720_3
Tank Status: Closed
Installation Date: 1975/04/23 16:00:00+00
Removal Date: 1987/06/30 16:00:00+00
Tank Capacity: 1000
Substances: Gasoline, Gas Mix
Tank Wall Type: Single

Object ID: 1381883
Facility ID: NC00-0-0000002720
Tank ID: NC00-0-0000002720_1
Tank Status: Closed
Installation Date: 1977/04/22 16:00:00+00
Removal Date: 1987/06/30 16:00:00+00
Tank Capacity: 3000
Substances: Gasoline, Gas Mix
Tank Wall Type: Single

E18
West
1/8-1/4
0.170 mi.
896 ft.

PEMBROKE SERVICE STATION
103 MAIN ST.
PEMBROKE, NC 99999
Site 2 of 5 in cluster E

UST U003147130
N/A

Relative:
Higher
Actual:
169 ft.

UST:
Name: PEMBROKE SERVICE STATION
Address: 103 MAIN ST.
City,State,Zip: PEMBROKE, NC 99999
Facility Id: 00-0-0000033489
Contact: JESSE E. OXENDINE
Contact Address1: 1812 WOODBERRY RD.
Contact City/State/Zip: CHARLOTTE, NC 28212
FIPS County Desc: Robeson
Latitude: 34.67968
Longitude: -79.1941

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEMBROKE SERVICE STATION (Continued)

U003147130

[Click here to access the North Carolina DEQ records for this facility:](#)

Tank Id: 1
Tank Status: Removed
Installed Date: 01/01/1964
Perm Close Date: 02/15/1992
Product Name: Gasoline, Gas Mix
Tank Capacity: 1000
Main Tank: No
Compartment Tank: No
Commercial: No
Regulated: Yes
Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Unknown
Decode for PSYS_KEY: Unknown

Tank Id: 2
Tank Status: Removed
Installed Date: 01/01/1964
Perm Close Date: 02/15/1992
Product Name: Gasoline, Gas Mix
Tank Capacity: 1000
Main Tank: No
Compartment Tank: No
Commercial: No
Regulated: Yes
Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Unknown
Decode for PSYS_KEY: Unknown

Tank Id: 3
Tank Status: Removed
Installed Date: 01/01/1964
Perm Close Date: 02/15/1992
Product Name: Gasoline, Gas Mix
Tank Capacity: 550
Main Tank: No
Compartment Tank: No
Commercial: No
Regulated: Yes
Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Unknown
Decode for PSYS_KEY: Unknown

Tank Id: 4
Tank Status: Removed
Installed Date: 01/01/1964

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEMBROKE SERVICE STATION (Continued)

U003147130

Perm Close Date: 02/15/1992
Product Name: Gasoline, Gas Mix
Tank Capacity: 550
Main Tank: No
Compartment Tank: No
Commercial: No
Regulated: Yes
Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Unknown
Decode for PSYS_KEY: Unknown

Tank Id: 5
Tank Status: Removed
Installed Date: 01/01/1964
Perm Close Date: 02/15/1992
Product Name: Gasoline, Gas Mix
Tank Capacity: 550
Main Tank: No
Compartment Tank: No
Commercial: No
Regulated: Yes
Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Unknown
Decode for PSYS_KEY: Unknown

Tank Id: 6
Tank Status: Removed
Installed Date: 01/01/1964
Perm Close Date: 02/15/1992
Product Name: Gasoline, Gas Mix
Tank Capacity: 550
Main Tank: No
Compartment Tank: No
Commercial: No
Regulated: Yes
Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Decode for TCONS_KEY: Unknown
Decode for PCONS_KEY: Unknown
Decode for PSYS_KEY: Unknown

Tank Id: 7
Tank Status: Removed
Installed Date: 01/01/1964
Perm Close Date: 02/15/1992
Product Name: Gasoline, Gas Mix
Tank Capacity: 4000
Main Tank: No
Compartment Tank: No
Commercial: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEMBROKE SERVICE STATION (Continued)

U003147130

Regulated: Yes
Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Decode for TCONS_KEY: Unknown
Decode for PCONS_KEY: Unknown
Decode for PSYS_KEY: Unknown

E19
West
1/8-1/4
0.170 mi.
896 ft.
PEMBROKE SERVICE STATION
103 MAIN ST.
PEMBROKE, NC 99999
Site 3 of 5 in cluster E

UST FINDER **1028520262**
N/A

Relative:
Higher
Actual:
169 ft.

UST FINDER:
Object ID: 586352
Facility ID: NC00-0-0000033489
Name: PEMBROKE SERVICE STATION
Address: 103 MAIN ST.
City,State,Zip: PEMBROKE, NC 99999
Address Match Type: StreetAddress
Open USTs: 0
Closed USTs: 7
TOS USTs: 0
Population 1500ft: 474
Private Wells 1500ft: 20
Within 100yr Floodplain: No
Land Use: Developed, Medium Intensity
Within SPA: Yes
SPA PWS Facility ID: NC0378010_29046
SPA Water Type: GU - Ground Water Under the Influence of Surface Water
SPA Facility Type: WL - Well
SPA HUC12: 030402031003
Within WHPA: Yes
WHPA PWS Facility ID: NC0378020_29059
WHPA Water Type: GW - Ground water
WHPA Facility Type: WL - Well
WHPA HUC12: 030402030403
Facility Status: Closed UST(s)
EPA Region: 4
Coordinate Source: Geocode
X Coord: -79.192187
Y Coord: 34.6811280000001
Latitude: 34.681128
Longitude: -79.192187

UST FINDER:
Object ID: 1356859
Facility ID: NC00-0-0000033489
Tank ID: NC00-0-0000033489_1
Tank Status: Closed
Installation Date: 1964/01/01 16:00:01+00
Removal Date: 1992/02/15 15:59:59+00
Tank Capacity: 1000
Substances: Gasoline, Gas Mix
Tank Wall Type: Single

Object ID: 1356860
Facility ID: NC00-0-0000033489

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEMBROKE SERVICE STATION (Continued)

1028520262

Tank ID: NC00-0-0000033489_2
Tank Status: Closed
Installation Date: 1964/01/01 16:00:01+00
Removal Date: 1992/02/15 15:59:59+00
Tank Capacity: 1000
Substances: Gasoline, Gas Mix
Tank Wall Type: Single

Object ID: 1356861
Facility ID: NC00-0-0000033489
Tank ID: NC00-0-0000033489_3
Tank Status: Closed
Installation Date: 1964/01/01 16:00:01+00
Removal Date: 1992/02/15 15:59:59+00
Tank Capacity: 550
Substances: Gasoline, Gas Mix
Tank Wall Type: Single

Object ID: 1356862
Facility ID: NC00-0-0000033489
Tank ID: NC00-0-0000033489_4
Tank Status: Closed
Installation Date: 1964/01/01 16:00:01+00
Removal Date: 1992/02/15 15:59:59+00
Tank Capacity: 550
Substances: Gasoline, Gas Mix
Tank Wall Type: Single

Object ID: 1356863
Facility ID: NC00-0-0000033489
Tank ID: NC00-0-0000033489_5
Tank Status: Closed
Installation Date: 1964/01/01 16:00:01+00
Removal Date: 1992/02/15 15:59:59+00
Tank Capacity: 550
Substances: Gasoline, Gas Mix
Tank Wall Type: Single

Object ID: 1356864
Facility ID: NC00-0-0000033489
Tank ID: NC00-0-0000033489_6
Tank Status: Closed
Installation Date: 1964/01/01 16:00:01+00
Removal Date: 1992/02/15 15:59:59+00
Tank Capacity: 550
Substances: Gasoline, Gas Mix

Object ID: 1356865
Facility ID: NC00-0-0000033489
Tank ID: NC00-0-0000033489_7
Tank Status: Closed
Installation Date: 1964/01/01 16:00:01+00
Removal Date: 1992/02/15 15:59:59+00
Tank Capacity: 4000
Substances: Gasoline, Gas Mix

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

E20
West
1/8-1/4
0.178 mi.
940 ft.
Relative:
Higher
Actual:
169 ft.

PEMBROKE SPIRIT (AMOCO)
103 WEST 3RD STREET
PEMBROKE, NC 28372
Site 4 of 5 in cluster E

UST
Financial Assurance
U001197819
N/A

UST:
Name: PEMBROKE SPIRIT (AMOCO)
Address: 103 WEST 3RD STREET
City,State,Zip: PEMBROKE, NC 28372
Facility Id: 00-0-0000018369
Contact: ALHOBISHI CONVENIENCE STORES & RENTALS, INC.
Contact Address1: PO BOX 807
Contact City/State/Zip: SAINT PAULS, NC 28384-0807
FIPS County Desc: Robeson
Latitude: 34.67955
Longitude: -79.1940

[Click here to access the North Carolina DEQ records for this facility:](#)

Tank Id: 1
Tank Status: Current
Installed Date: 04/29/1985
Product Name: Gasoline, Gas Mix
Tank Capacity: 10000
Main Tank: No
Compartment Tank: No
Manifold Tank: 0
Commercial: Yes
Regulated: Yes
Overfill Protection Name: Ball Float Valve
Spill Protection Name: Catchment Basin
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall FRP
Decode for PSYS_KEY: Pressurized System

Tank Id: 2
Tank Status: Current
Installed Date: 04/29/1985
Product Name: Gasoline, Gas Mix
Tank Capacity: 10000
Main Tank: No
Compartment Tank: No
Manifold Tank: 0
Commercial: Yes
Regulated: Yes
Overfill Protection Name: Ball Float Valve
Spill Protection Name: Catchment Basin
Decode for TCONS_KEY: Single Wall Steel/FRP
Decode for PCONS_KEY: Single Wall FRP
Decode for PSYS_KEY: Pressurized System

Tank Id: 3
Tank Status: Current
Installed Date: 04/29/1985
Product Name: Gasoline, Gas Mix

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEMBROKE SPIRIT (AMOCO) (Continued)

U001197819

Tank Capacity: 10000
Main Tank: No
Compartment Tank: No
Manifold Tank: 0
Commercial: Yes
Regulated: Yes
Overfill Protection Name: Ball Float Valve
Spill Protection Name: Catchment Basin
Decode for TCONS_KEY: Single Wall Steel/FRP
Decode for PCONS_KEY: Single Wall FRP
Decode for PSYS_KEY: Pressurized System

NC Financial Assurance 1:

Name: PEMBROKE SPIRIT (AMOCO)
Address: 103 WEST 3RD STREET
City,State,Zip: PEMBROKE, NC 28372
Facility ID: 00-0-0000018369
Region: 1
Financial Responsibility Desc: Self-Insurance
Financial Responsibility Name: Alhobishi Convenience Stores & Rentals, Inc.

E21
West
1/8-1/4
0.178 mi.
940 ft.

PEMBROKE SPIRIT
103 WEST 3RD STREET
PEMBROKE, NC 28372
Site 5 of 5 in cluster E

UST FINDER 1028510467
N/A

Relative:
Higher
Actual:
169 ft.

UST FINDER:
Object ID: 586336
Facility ID: NC00-0-0000018369
Name: PEMBROKE SPIRIT
Address: 103 WEST 3RD STREET
City,State,Zip: PEMBROKE, NC 28372
Open USTs: 3
Closed USTs: 0
TOS USTs: 0
Population 1500ft: 434
Private Wells 1500ft: 23
Within 100yr Floodplain: No
Land Use: Developed, Medium Intensity
Within SPA: Yes
SPA PWS Facility ID: NC0378010_29046
SPA Water Type: GU - Ground Water Under the Influence of Surface Water
SPA Facility Type: WL - Well
SPA HUC12: 030402031003
Within WHPA: Yes
WHPA PWS Facility ID: NC0378020_29059
WHPA Water Type: GW - Ground water
WHPA Facility Type: WL - Well
WHPA HUC12: 030402030403
Facility Status: Open UST(s)
EPA Region: 4
Coordinate Source: State
X Coord: -79.194035
Y Coord: 34.679558
Latitude: 34.679558
Longitude: -79.194035

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEMBROKE SPIRIT (Continued)

1028510467

UST FINDER:

Object ID: 1399269
Facility ID: NC00-0-0000018369
Tank ID: NC00-0-0000018369_1
Tank Status: Open
Installation Date: 1985/04/29 16:00:00+00
Tank Capacity: 10000
Substances: Gasoline, Gas Mix
Tank Wall Type: Single

Object ID: 1399270
Facility ID: NC00-0-0000018369
Tank ID: NC00-0-0000018369_2
Tank Status: Open
Installation Date: 1985/04/29 16:00:00+00
Tank Capacity: 10000
Substances: Gasoline, Gas Mix
Tank Wall Type: Single

Object ID: 1399271
Facility ID: NC00-0-0000018369
Tank ID: NC00-0-0000018369_3
Tank Status: Open
Installation Date: 1985/04/29 16:00:00+00
Tank Capacity: 10000
Substances: Gasoline, Gas Mix
Tank Wall Type: Single

22
NNW
1/8-1/4
0.193 mi.
1017 ft.

LOWRY'S COUNTRY STORE
RT 2, BOX 178
PEMBROKE, NC 28372

LUST S101169091
IMD N/A

Relative:
Higher

Actual:
169 ft.

LUST:

Name: LOWRY'S COUNTRY STORE
Address: RT 2, BOX 178
City,State,Zip: PEMBROKE, NC 28372
Facility ID: 00-0-0000018082
UST Number: FA-579
Incident Number: 10922
Source Type: 3
Date Reported: 09/13/1993
Closure Request: 1993-09-16 00:00:00
Close Out: 09/16/1993
Of Supply Wells: 0
Commercial/NonCommercial UST Site: C
Risk Classification: L
Risk Class Based On Review: L
Site Priority: 070E
MTBE1: N
Flag: 0
Flag1: 0
GPS Confirmed: 54
Current Status: A
PETOPT: 3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOWRY'S COUNTRY STORE (Continued)

S101169091

RPL: False
CD Num: 58
Reel Num: 0
RPOW: False
RPOP: False
Error Flag: 0
Error Code: N
Valid: False
Regional Officer Project Mgr: KEC
Company: LOWRY'S COUNTRY STORE

LUST:
Incident Number: 10922
Last Modified: 4/19/1999
Incident Phase: CO
Close-out Report: 1/16/1997

IMD:
Facility ID: 10922
Name: LOWRY'S COUNTRY STORE
Address: RT 2, BOX 178
City,State,Zip: PEMBROKE, NC
Date Occurred: 9/13/1993
Submit Date: 9/21/1993
Incident Desc: GASOLINE CONTAM. SOIL WAS FOUND AND REMOVED DURING UST ABANDONMENT.
Operator: JOANNE LOWRY
Ownership: 4
Ownership: Private
Source: Leak-underground
Type: GASOLINE/DIESEL
Location: 1
Site Priority: 070E
Priority Update: 7/17/1998
Num Affected: 0
Location: Facility
GW Contam: Yes, Groundwater Contamination has been detected
Soil Contam: No
Owner Company: LOWRY'S COUNTRY STORE
Operator Address: RT 2, BOX 178
Operator City,State,Zip: PENBROKE, NC 28372
Material: GASOLINE
Setting: 1
Risk Site: L
Priority Code: L
Dem Contact: KEC
GPS: NOD

Status:
Facility ID: 10922
Last Modified: 1999-04-19 00:00:00
Incident Phase: CO
Close-out Report: 1997-01-16 00:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

F23
West
1/8-1/4
0.202 mi.
1065 ft.
ROADRUNNER SERVICE STATION IN
3RD & VANCE
PEMBROKE, NC
Site 1 of 6 in cluster F

IMD **S127486790**
N/A

Relative: **IMD:**
Higher Facility ID: 00-0-0000000938
Actual: Name: ROADRUNNER SERVICE STATION IN
169 ft. Address: 3RD & VANCE
City,State,Zip: PEMBROKE, NC
UST ID: FA-1905
Initials of UST Regional Contact: KEC
Regional Office: FAY
Responsible Party/Company Name: VARDELL RANSOM
Date Incident Reported: 1993-10-20 00:00:00
Whether Tank is Commercial or Non Commercial: COMMERCIAL
Whether Tank is Regulated: REGULATED
Initial reported risk of incident (never changes): L
Latitude: 34.680315
Longitude: -79.194670000000002
Date Case Closed: 1993-10-27 00:00:00
Extent of Contamination: None
Number of Supply Wells Located on Property: 0
MTBE in Well Y/N/U Yes, No or Unknown: 0
MTBE in Groundwater Y/N/U Yes, No or Unknown: U
Date Cleanup Initiated: 1993-10-20 00:00:00
Record Status: ARCHIVED RECORD
Reference Number for Media Disk for Archived Record: 174
RP Owner?: False
RP Operator?: False
RP Landowner?: False
Comments: Pulled file for archiving

G24
WSW
1/8-1/4
0.202 mi.
1067 ft.
JONES CLEANERS
MAIN ST
PEMBROKE, NC 28372
Site 1 of 2 in cluster G

DRYCLEANERS **S125089047**
N/A

Relative: **DRYCLEANERS:**
Higher Name: JONES CLEANERS
Actual: Address: MAIN ST
169 ft. City,State,Zip: PEMBROKE, NC 28372
X Coordinates: -79.1944869
Y Coordinates: 34.6789301

F25
West
1/8-1/4
0.205 mi.
1080 ft.
ROADRUNNER SERVICE STATION
202 W. THIRD STREET
PEMBROKE, NC 28372
Site 2 of 6 in cluster F

LUST **S119104733**
N/A

Relative: **LUST:**
Higher Name: ROADRUNNER SERVICE STATION
Actual: Address: 202 W. THIRD STREET
169 ft. City,State,Zip: PEMBROKE, NC 28372
Facility ID: 00-0-0000000938

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROADRUNNER SERVICE STATION (Continued)

S119104733

UST Number: FA-7717
Incident Number: 42015
Source Type: 3
Date Reported: 06/01/2016
Close Out: 08/02/2016
Level Of Soil Cleanup Achieved: S3
Of Supply Wells: 0
Commercial/NonCommercial UST Site: C
Risk Classification: L
Risk Class Based On Review: L
MTBE: 0
MTBE1: N
Flag: 0
GPS Confirmed: 31
Current Status: A
RBCA GW: G1
PETOPT: 3
RPL: True
CD Num: 0
RPOW: True
RPOP: False
Error Code: N
Valid: False
Regional Officer Project Mgr: KEC
Company: ROADRUNNER SERVICE STATION
Telephone: 9107409110

LUST:

UST Number: FA-7717
Facility Id: 42015
Date Occurred: 2016-05-31 00:00:00
Ownership: 4
Operation Type: 6
Type: 3
Location: 1
Wells Affected Y/N: N
7#5 Minute Quad: Y
Err Type: 2
Cause: 7
Source: 3
UST Number: P

F26
West
1/8-1/4
0.205 mi.
1080 ft.
ROADRUNNER SERVICE STATION
202 W. THIRD STREET
PEMBROKE, NC 28372
Site 3 of 6 in cluster F

UST FINDER RELEASE **1029049276**
N/A

Relative: UST FINDER RELEASE:
Higher Object ID: 282491
Facility ID: NC0-000938
Actual: Lust ID: NC744
169 ft. Name: ROADRUNNER SERVICE STATION
Address: 202 W. THIRD STREET
City,State,Zip: PEMBROKE, NC 28372
Reported Date: 2016/06/01 15:59:59+00
Status: No Further Action

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROADRUNNER SERVICE STATION (Continued)

1029049276

Population within 1500ft: 550
Domestic Wells within 1500ft: 28
Land Use: Developed, High Intensity
Within SPA: Yes
SPA PWS Facility ID: NC0378010_29046
SPA Water Type: GU - Ground Water Under the Influence of Surface Water
SPA Facility Type: WL - Well
SPA HUC12: 30402031003
Within WHPA: Yes
WHPA PWS Facility ID: NC0378020_29059
WHPA Water Type: GW - Ground water
WHPA Facility Type: WL - Well
WHPA HUC12: 030402030403
Within 100yr Floodplain: No
EPA Region: 4
Coordinate Source: State
X Coord: -79.19463999999999
Y Coord: 34.68049000000001
Latitude: 34.68048999999999
Longitude: -79.19464

F27 **LOCKLEARS PERFORMANCE AUTO**
West **202 W. 3RD ST.**
1/8-1/4 **PEMBROKE, NC 28372**
0.205 mi.
1080 ft. **Site 4 of 6 in cluster F**

UST FINDER 1028495615
N/A

Relative: UST FINDER:
Higher Object ID: 586350
Facility ID: NC00-0-0000000938
Actual: Name: LOCKLEARS PERFORMANCE AUTO
169 ft. Address: 202 W. 3RD ST.
City,State,Zip: PEMBROKE, NC 28372
Open USTs: 3
Closed USTs: 4
TOS USTs: 0
Population 1500ft: 566
Private Wells 1500ft: 28
Within 100yr Floodplain: No
Land Use: Developed, High Intensity
Within SPA: Yes
SPA PWS Facility ID: NC0378010_29046
SPA Water Type: GU - Ground Water Under the Influence of Surface Water
SPA Facility Type: WL - Well
SPA HUC12: 030402031003
Within WHPA: Yes
WHPA PWS Facility ID: NC0378020_29059
WHPA Water Type: GW - Ground water
WHPA Facility Type: WL - Well
WHPA HUC12: 030402030403
Facility Status: Open UST(s)
EPA Region: 4
Coordinate Source: State
X Coord: -79.194476
Y Coord: 34.68065500000001
Latitude: 34.680655
Longitude: -79.194476

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOCKLEARS PERFORMANCE AUTO (Continued)

1028495615

UST FINDER:

Object ID: 1389512
Facility ID: NC00-0-0000000938
Tank ID: NC00-0-0000000938_A3
Tank Status: Open
Installation Date: 1989/06/01 16:00:00+00
Tank Capacity: 6000
Substances: Gasoline, Gas Mix
Tank Wall Type: Single

Object ID: 1389513
Facility ID: NC00-0-0000000938
Tank ID: NC00-0-0000000938_A2
Tank Status: Open
Installation Date: 1989/06/01 16:00:00+00
Tank Capacity: 6000
Substances: Gasoline, Gas Mix
Tank Wall Type: Single

Object ID: 1389514
Facility ID: NC00-0-0000000938
Tank ID: NC00-0-0000000938_A1
Tank Status: Open
Installation Date: 1993/09/22 15:59:59+00
Tank Capacity: 4000
Substances: Gasoline, Gas Mix
Tank Wall Type: Single

Object ID: 1331112
Facility ID: NC00-0-0000000938
Tank ID: NC00-0-0000000938_4
Tank Status: Closed
Installation Date: 1983/04/27 16:00:00+00
Removal Date: 1999/02/03 15:59:59+00
Tank Capacity: 500
Substances: Kerosene, Kero Mix
Tank Wall Type: Single

Object ID: 1348420
Facility ID: NC00-0-0000000938
Tank ID: NC00-0-0000000938_3
Tank Status: Closed
Installation Date: 1980/04/27 16:00:00+00
Removal Date: 1993/09/22 15:59:59+00
Tank Capacity: 4000
Substances: Gasoline, Gas Mix
Tank Wall Type: Single

Object ID: 1372774
Facility ID: NC00-0-0000000938
Tank ID: NC00-0-0000000938_1
Tank Status: Closed
Installation Date: 1974/04/29 16:00:00+00
Removal Date: 1989/06/01 16:00:00+00
Tank Capacity: 6000
Substances: Gasoline, Gas Mix
Tank Wall Type: Single

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOCKLEARS PERFORMANCE AUTO (Continued)

1028495615

Object ID: 1372775
Facility ID: NC00-0-0000000938
Tank ID: NC00-0-0000000938_2
Tank Status: Closed
Installation Date: 1974/04/29 16:00:00+00
Removal Date: 1989/06/01 16:00:00+00
Tank Capacity: 6000
Substances: Gasoline, Gas Mix
Tank Wall Type: Single

F28
West
1/8-1/4
0.205 mi.
1080 ft.

LOCKLEARS PERFORMANCE AUTO
202 W. 3RD ST.
PEMBROKE, NC 28372

UST U001186639
N/A

Site 5 of 6 in cluster F

Relative:
Higher

UST:

Actual:
169 ft.

Name: LOCKLEARS PERFORMANCE AUTO
Address: 202 W. 3RD ST.
City,State,Zip: PEMBROKE, NC 28372
Facility Id: 00-0-0000000938
Contact: LOLA RANSOM DBA ROAD RUNNER SERV
Contact Address1: PO BOX 235/VANCE WEST THIRD
Contact City/State/Zip: PEMBROKE, NC 28372-0235
FIPS County Desc: Robeson
Latitude: 34.68065
Longitude: -79.1944

[Click here to access the North Carolina DEQ records for this facility:](#)

Tank Id: 001
Tank Status: Removed
Installed Date: 04/29/1974
Perm Close Date: 02/03/1999
Product Name: Gasoline, Gas Mix
Tank Capacity: 6000
Main Tank: No
Compartment Tank: No
Commercial: Yes
Regulated: Yes
Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall Steel
Decode for PSYS_KEY: Unknown

Tank Id: 002
Tank Status: Removed
Installed Date: 04/29/1974
Perm Close Date: 02/03/1999
Product Name: Gasoline, Gas Mix
Tank Capacity: 6000
Main Tank: No
Compartment Tank: No
Commercial: Yes

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOCKLEARS PERFORMANCE AUTO (Continued)

U001186639

Regulated: Yes
Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall Steel
Decode for PSYS_KEY: Unknown

Tank Id: 003
Tank Status: Removed
Installed Date: 04/27/1980
Perm Close Date: 02/03/1999
Product Name: Gasoline, Gas Mix
Tank Capacity: 4000
Main Tank: No
Compartment Tank: No
Commercial: Yes
Regulated: Yes
Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall Steel
Decode for PSYS_KEY: Unknown

Tank Id: 004
Tank Status: Removed
Installed Date: 04/27/1983
Perm Close Date: 02/03/1999
Product Name: Kerosene, Kero Mix
Tank Capacity: 500
Main Tank: No
Compartment Tank: No
Commercial: No
Regulated: Yes
Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall Steel
Decode for PSYS_KEY: Unknown

Tank Id: A1
Tank Status: Current
Installed Date: 09/22/1993
Perm Close Date: 02/03/1999
Product Name: Gasoline, Gas Mix
Tank Capacity: 4000
Main Tank: No
Compartment Tank: No
Manifold Tank: 0
Commercial: Yes
Regulated: Yes
Overfill Protection Name: Auto Shutoff Device
Spill Protection Name: Catchment Basin
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall FRP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOCKLEARS PERFORMANCE AUTO (Continued)

U001186639

Decode for PSYS_KEY: Unknown

Tank Id: A2
Tank Status: Current
Installed Date: 06/01/1989
Perm Close Date: 02/03/1999
Product Name: Gasoline, Gas Mix
Tank Capacity: 6000
Main Tank: No
Compartment Tank: No
Manifold Tank: 0
Commercial: Yes
Regulated: Yes
Overfill Protection Name: Auto Shutoff Device
Spill Protection Name: Catchment Basin
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall FRP
Decode for PSYS_KEY: Unknown

Tank Id: A3
Tank Status: Current
Installed Date: 06/01/1989
Perm Close Date: 02/03/1999
Product Name: Gasoline, Gas Mix
Tank Capacity: 6000
Main Tank: No
Compartment Tank: No
Manifold Tank: 0
Commercial: Yes
Regulated: Yes
Overfill Protection Name: Auto Shutoff Device
Spill Protection Name: Catchment Basin
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall FRP
Decode for PSYS_KEY: Unknown

G29
WSW
1/8-1/4
0.213 mi.
1127 ft.

MCI COMMUNICATIONS (PNBRNC)
MAIN STREET & RR TRACKS
PEMBROKE, NC 28372

UST U003563355
N/A

Site 2 of 2 in cluster G

Relative:
Higher
Actual:
169 ft.

UST:
Name: MCI COMMUNICATIONS (PNBRNC)
Address: MAIN STREET & RR TRACKS
City,State,Zip: PEMBROKE, NC 28372
Facility Id: 00-0-0000031418
Contact: MCI COMMUNICATIONS SERVICES, INC.
Contact Address1: 400 INTERNATIONAL PKWY
Contact Address2: ATTN: DAVID LELAND
Contact City/State/Zip: RICHARDSON, TX 75081-2853
FIPS County Desc: Robeson
Latitude: 34.67854
Longitude: -79.1945

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MCI COMMUNICATIONS (PNBRNC) (Continued)

U003563355

[Click here to access the North Carolina DEQ records for this facility:](#)

Tank Id: 1
Tank Status: Removed
Installed Date: 12/30/1986
Product Name: Diesel
Tank Capacity: 550
Main Tank: No
Compartment Tank: No
Commercial: Yes
Regulated: Yes
Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Single Wall Steel
Decode for PSYS_KEY: Unknown

Tank Id: A1
Tank Status: Current
Installed Date: 04/23/1994
Product Name: Diesel
Tank Capacity: 600
Main Tank: No
Compartment Tank: No
Manifold Tank: 0
Commercial: Yes
Regulated: Yes
Overfill Protection Name: Overfill Alarm
Spill Protection Name: Catchment Basin
Decode for TCONS_KEY: Single Wall FRP
Decode for PCONS_KEY: Double Wall FRP
Decode for PSYS_KEY: Pressurized System

**F30
West
1/8-1/4
0.219 mi.
1156 ft.**

**LOCKLEAR'S GROC./COUNTRY STO.
RT PEMBROKE
PEMBROKE, NC 28372
Site 6 of 6 in cluster F**

**LUST S105764330
N/A**

**Relative:
Higher**

**Actual:
169 ft.**

LUST:
Name: LOCKLEAR'S GROC./COUNTRY STO.
Address: RT PEMBROKE
City,State,Zip: PEMBROKE, NC 28372
UST Number: FA-272
Incident Number: 7223
Source Type: 3
Date Reported: 08/09/1990
Close Out: 12/12/2018
Of Supply Wells: 0
Commercial/NonCommercial UST Site: C
Risk Classification: L
Risk Class Based On Review: L
Site Priority: 100B
Land Use: RES
MTBE1: N
Flag: 0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LOCKLEAR'S GROC./COUNTRY STO. (Continued)

S105764330

Flag1: 0
GPS Confirmed: 54
Current Status: A
PETOPT: 3
RPL: False
CD Num: 0
Reel Num: 0
RPOW: False
RPOP: False
Error Flag: 0
Error Code: N
Valid: False
Regional Officer Project Mgr: KEC

LUST:
Incident Number: 7223
Last Modified: 12/12/2018
Incident Phase: CO

31
SSE
1/8-1/4
0.242 mi.
1279 ft.

WALGREENS #16119
503 E. 3RD ST.
PEMBROKE, NC 28372

RCRA-VSQQ 1031075290
NCR000186049

Relative:
Lower
Actual:
166 ft.

RCRA Listings:
Date Form Received by Agency: 20240517
Handler Name: Walgreens #16119
Handler Address: E. 3rd St.
Handler City,State,Zip: PEMBROKE, NC 28372
EPA ID: NCR000186049
Contact Name: JASON DANIELS
Contact Address: WILMOT ROAD
Contact City,State,Zip: DEERFIELD, IL 60015
Contact Telephone: 951-850-7894
Contact Email: JASON.DANIELS@WALGREENS.COM
Contact Title: DIRECTOR, EH&S
EPA Region: 04
Land Type: Private
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
Active Site Indicator: Handler Activities
Mailing Address: WILMOT ROAD
Mailing City,State,Zip: DEERFIELD, IL 60015
Owner Name: William R Hutchinson
Owner Type: Private
Operator Name: Waltrust Properties
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No
Small Quantity On-Site Burner Exemption: No
Smelting Melting and Refining Furnace Exemption: No
Underground Injection Control: No
Off-Site Waste Receipt: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WALGREENS #16119 (Continued)

1031075290

Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Hazardous Secondary Material Indicator:	N
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Handler Date of Last Change:	20240517
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	H

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste
Waste Code:	D002
Waste Description:	Corrosive Waste
Waste Code:	D007
Waste Description:	Chromium
Waste Code:	D009
Waste Description:	Mercury
Waste Code:	D010
Waste Description:	Selenium
Waste Code:	D016
Waste Description:	2,4-D (2,4-Dichlorophenoxyacetic Acid)
Waste Code:	D035
Waste Description:	Methyl Ethyl Ketone
Waste Code:	P001
Waste Description:	2h-1-Benzopyran-2-One, 4-Hydroxy-3-(3-Oxo-1-Phenylbutyl)-, & Salts, When Present At Concentrations Greater Than 0.3% (Or) Warfarin, & Salts, When Present At Concentrations Greater Than 0.3%
Waste Code:	P075

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WALGREENS #16119 (Continued)

1031075290

Waste Description: Nicotine, & Salts (Or) Pyridine, 3-(1-Methyl-2-Pyrrolidinyl)-, (S)-, & Salts

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: WILLIAM R HUTCHINSON
Legal Status: Private
Date Became Current: 20131108
Owner/Operator Address: 20735 5TH ST E
Owner/Operator City,State,Zip: SONOMA, CA 95476
Owner/Operator Telephone: 707-935-3882
Owner/Operator Email: BILL@HUTCH.PRO

Owner/Operator Indicator: Operator
Owner/Operator Name: WALTRUST PROPERTIES
Legal Status: Private
Date Became Current: 20131108
Owner/Operator Address: 104 WILMOT ROAD
Owner/Operator City,State,Zip: DEERFIELD, IL 60015
Owner/Operator Telephone: 847-315-4139
Owner/Operator Email: LISA.PARKS@WALGREENS.COM

Historic Generators:

Receive Date: 20240517
Handler Name: WALGREENS #16119
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:

NAICS Code: 456110
NAICS Description: PHARMACIES AND DRUG RETAILERS

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

H32 CHAVIS PROPERTY US BROWNFIELDS 1016653987
WNW 301 WEST THIRD STREET FINDS N/A
1/4-1/2 PEMBROKE, NC 28372

0.283 mi.
1492 ft.

Site 1 of 2 in cluster H

Relative:
Higher

US BROWNFIELDS:

Actual:
169 ft.

Name: CHAVIS PROPERTY
Address: 301 WEST THIRD STREET
City,State,Zip: PEMBROKE, NC 28372
Property ID: 90801
Recipient Name: Pembroke, Town of
Grant Type: Petroleum
Property Number: 350302018, 35030219
Parcel Size: 0.38
Latitude: 34.680947
Longitude: -79.195945
Census Tract: 37155960502
State or Tribal Voluntary Response Program: Y
Program Name: BF
Assessment Funding Entity: EPA
Cooperative Agreement Number: 96460706
Start Date: 8/26/2008
Ownership Entity: Private
Completion Date: 9/19/2008
Cleanup Required: U
Institutional Controls Required: U
Media Affected: Unknown
Cleanup Completion Doc - NFA Letter Received: N
Past use commercial acreage: 0.38
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro: N
Radius: 0.5
Below Poverty Number: 686
Below Poverty Percent: 57.17
Meidan Income: 2207
Meidan Income Number: 869
Meidan Income Percent: 72.42
Vacant Housing Number: 92
Vacant Housing Percent: 18.51
Unemployed Number: 29
Unemployed Percent: 2.42

FINDS:

Registry ID: 110039059372

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

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[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

H33
WNW
1/4-1/2
0.286 mi.
1508 ft.
PEMBROKE FARM HOME & GARDEN
302 W 3RD ST
PEMBROKE, NC
Site 2 of 2 in cluster H

SHWS **S120837456**
N/A

Relative:
Higher

SHWS:

Actual:
169 ft.

Name: PEMBROKE FARM HOME & GARDEN
Address: 302 W 3RD ST
City,State,Zip: PEMBROKE, NC
EPAID: NONCD0002988

Click here to access the North Carolina DEQ records for this facility:
Name: PEMBROKE FARM HOME & GARDEN
Address: 302 W 3RD ST
City,State,Zip: PEMBROKE, NC
EPAID: NONCD0002988
Lat/Longitude: 34.681813 / -79.195872
Geolocation Method: ON SCREEN PLACEMENT ON GEOREFERENCED MAP

Click here to access the North Carolina DEQ records for this facility:

34
West
1/4-1/2
0.300 mi.
1583 ft.
DIAL TERRACE
401 PINE STREET
PEMBROKE, NC 28372

US BROWNFIELDS **1024241958**
FINDS **N/A**

Relative:
Higher

US BROWNFIELDS:

Actual:
169 ft.

Name: DIAL TERRACE
Address: 401 PINE STREET
City,State,Zip: PEMBROKE, NC 28372
Property ID: 109084
Recipient Name: Pembroke, Town of
Grant Type: Petroleum
Property Number: AC/S 4TH ST VALUE REFLE 350502025 and LT LAKE VIEW 350502501
Parcel Size: 8.8
Latitude: 34.679888
Longitude: -79.196416
Census Tract: 37155960502
State or Tribal Voluntary Response Program: Y
Program Name: BF
Cooperative Agreement Number: 96460706
Start Date: 6/4/2009
Ownership Entity: Government
Completion Date: 7/17/2009
Cleanup Required: U
Institutional Controls Required: U
IC in place: N
Indicate whether Engineering Controls are required: N
Indicate whether Engineering Controls are in place: N
Media Affected: Unknown
Past use residential acreage: 8.8
Cleanup Completion Doc - NFA Letter Received: N
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro: N
Future use residential acreage: 8.8
Radius: 0.5
Below Poverty Number: 677
Below Poverty Percent: 57.18

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DIAL TERRACE (Continued)

1024241958

Meidan Income:	2198
Meidan Income Number:	857
Meidan Income Percent:	72.38
Vacant Housing Number:	91
Vacant Housing Percent:	18.53
Unemployed Number:	29
Unemployed Percent:	2.45
Name:	DIAL TERRACE
Address:	401 PINE STREET
City,State,Zip:	PEMBROKE, NC 28372
Property ID:	109084
Recipient Name:	Pembroke, Town of
Grant Type:	Petroleum
Property Number:	AC/S 4TH ST VALUE REFLE 350502025 and LT LAKE VIEW 350502501
Parcel Size:	8.8
Latitude:	34.679888
Longitude:	-79.196416
Census Tract:	37155960502
State or Tribal Voluntary Response Program:	Y
Program Name:	BF
Cooperative Agreement Number:	96460706
Ownership Entity:	Government
Cleanup Required:	U
Institutional Controls Required:	U
IC in place:	N
Indicate whether Engineering Controls are required:	N
Indicate whether Engineering Controls are in place:	N
Media Affected:	Unknown
Past use residential acreage:	8.8
Cleanup Completion Doc - NFA Letter Received:	N
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro:	N
Future use residential acreage:	8.8
Radius:	0.5
Below Poverty Number:	677
Below Poverty Percent:	57.18
Meidan Income:	2198
Meidan Income Number:	857
Meidan Income Percent:	72.38
Vacant Housing Number:	91
Vacant Housing Percent:	18.53
Unemployed Number:	29
Unemployed Percent:	2.45

FINDS:

Registry ID: 110070247786

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Environmental Interest/Information System:

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Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DIAL TERRACE (Continued)

1024241958

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

35
NNW
1/4-1/2
0.301 mi.
1588 ft.

STRICKLAND HEIGHTS
304 GODWIN STREET
PEMBROKE, NC 28372

US BROWNFIELDS
FINDS

1024241961
N/A

Relative:
Higher

US BROWNFIELDS:

Actual:
169 ft.

Name: STRICKLAND HEIGHTS
Address: 304 GODWIN STREET
City,State,Zip: PEMBROKE, NC 28372
Property ID: 109087
Recipient Name: Pembroke, Town of
Grant Type: Petroleum
Property Number: 350102017
Parcel Size: 29
Latitude: 34.6843081
Longitude: -79.1925242
Census Tract: 37155960502
State or Tribal Voluntary Response Program: Y
Program Name: BF
Cooperative Agreement Number: 96460706
Start Date: 6/8/2009
Ownership Entity: Government
Completion Date: 7/17/2009
Cleanup Required: U
Institutional Controls Required: U
IC in place: N
Indicate whether Engineering Controls are required: U
Indicate whether Engineering Controls are in place: N
Media Affected: Unknown
Past use residential acreage: 29
Cleanup Completion Doc - NFA Letter Received: N
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro: N
Future use residential acreage: 29
Radius: 0.5
Below Poverty Number: 737
Below Poverty Percent: 58.49
Meidan Income: 1267
Meidan Income Number: 966
Meidan Income Percent: 76.67
Vacant Housing Number: 107
Vacant Housing Percent: 21.11
Unemployed Number: 32
Unemployed Percent: 2.54

Name: STRICKLAND HEIGHTS
Address: 304 GODWIN STREET
City,State,Zip: PEMBROKE, NC 28372
Property ID: 109087
Recipient Name: Pembroke, Town of
Grant Type: Petroleum
Property Number: 350102017
Parcel Size: 29
Latitude: 34.6843081
Longitude: -79.1925242

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STRICKLAND HEIGHTS (Continued)

1024241961

Census Tract: 37155960502
State or Tribal Voluntary Response Program: Y
Program Name: BF
Cooperative Agreement Number: 96460706
Ownership Entity: Government
Cleanup Required: U
Institutional Controls Required: U
IC in place: N
Indicate whether Engineering Controls are required: U
Indicate whether Engineering Controls are in place: N
Media Affected: Unknown
Past use residential acreage: 29
Cleanup Completion Doc - NFA Letter Received: N
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro: N
Future use residential acreage: 29
Radius: 0.5
Below Poverty Number: 737
Below Poverty Percent: 58.49
Median Income: 1267
Median Income Number: 966
Median Income Percent: 76.67
Vacant Housing Number: 107
Vacant Housing Percent: 21.11
Unemployed Number: 32
Unemployed Percent: 2.54

FINDS:

Registry ID: 110070247789

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Environmental Interest/Information System:

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[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

I36
NNE
1/4-1/2
0.336 mi.
1773 ft.

PEMBROKE CAR WASH
508 UNION CHAPEL ROAD
PEMBROKE, NC 28372
Site 1 of 2 in cluster I

UST FINDER RELEASE **1029090210**
N/A

Relative:
Higher
Actual:
169 ft.

UST FINDER RELEASE:

Object ID: 282511
Lust ID: NC16185
Name: PEMBROKE CAR WASH
Address: 508 UNION CHAPEL ROAD
City,State,Zip: PEMBROKE, NC 28372
Reported Date: 2004/12/10 15:59:59+00
Status: No Further Action
Population within 1500ft: 547
Domestic Wells within 1500ft: 21
Land Use: Developed, Medium Intensity
Within SPA: Yes

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEMBROKE CAR WASH (Continued)

1029090210

SPA PWS Facility ID:	NC0378010_29046
SPA Water Type:	GU - Ground Water Under the Influence of Surface Water
SPA Facility Type:	WL - Well
SPA HUC12:	30402031003
Within WHPA:	Yes
WHPA PWS Facility ID:	NC0378020_74753
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	030402030402
Within 100yr Floodplain:	No
EPA Region:	4
Coordinate Source:	State
X Coord:	-79.18805
Y Coord:	34.6846100000001
Latitude:	34.6846099999999
Longitude:	-79.18805
Object ID:	282512
Lust ID:	NC16418
Name:	PEMBROKE CAR WASH
Address:	508 UNION CHAPEL ROAD
City,State,Zip:	PEMBROKE, NC 28372
Reported Date:	2005/08/03 15:59:59+00
Status:	No Further Action
Population within 1500ft:	547
Domestic Wells within 1500ft:	21
Land Use:	Developed, Medium Intensity
Within SPA:	Yes
SPA PWS Facility ID:	NC0378010_29046
SPA Water Type:	GU - Ground Water Under the Influence of Surface Water
SPA Facility Type:	WL - Well
SPA HUC12:	30402031003
Within WHPA:	Yes
WHPA PWS Facility ID:	NC0378020_74753
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	030402030402
Within 100yr Floodplain:	No
EPA Region:	4
Coordinate Source:	State
X Coord:	-79.18805
Y Coord:	34.6846100000001
Latitude:	34.6846099999999
Longitude:	-79.18805

I37
NNE
1/4-1/2
0.336 mi.
1773 ft.

PEMBROKE CAR WASH
508 UNION CHAPEL ROAD
PEMBROKE, NC 28372
Site 2 of 2 in cluster I

IMD S127493567
N/A

Relative:
Higher

IMD:

Actual:
169 ft.

Name:	PEMBROKE CAR WASH
Address:	508 UNION CHAPEL ROAD
City,State,Zip:	PEMBROKE, NC 28372
UST ID:	FA-2927
Initials of UST Regional Contact:	KEC
Regional Office:	FAY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEMBROKE CAR WASH (Continued)

S127493567

Responsible Party/Company Name: ORPHANED
Responsible Party City,State,Zip: NC
Source: Unknown
Petroleum Type: PETROLEUM
Date Incident Reported: 2004-12-10 00:00:00
Whether Tank is Commercial or Non Commercial: COMMERCIAL
Whether Tank is Regulated: REGULATED
Current Risk Condition: L
Initial reported risk of incident (never changes): L
Latitude: 34.684607999999997
Longitude: -79.188050000000004
Date Case Closed: 2004-12-10 00:00:00
Extent of Contamination: None
Number of Supply Wells Located on Property: 0
MTBE in Well Y/N/U Yes, No or Unknown: 0
Facility Phone Number: 9106951590
MTBE in Groundwater Y/N/U Yes, No or Unknown: U
Date Cleanup Initiated: 2004-11-17 00:00:00
Record Status: ARCHIVED RECORD
Pollutant Type Present: GASOLINE/DIESEL/KEROSENE
Reference Number for Media Disk for Archived Record: 361
RP Owner?: True
RP Operator?: False
RP Landowner?: True
Comments: One 8,000 gallon gasoline UST removed on 11/17/04. All samples are BDL. Clean closure.>>>>>Pulled file for archiving on 3/3/2009.

Name: PEMBROKE CAR WASH
Address: 508 UNION CHAPEL ROAD
City,State,Zip: PEMBROKE, NC 28372
UST ID: FA-3566
Initials of UST Regional Contact: KEC
Regional Office: FAY
Responsible Party/Company Name: ORPHANED
Responsible Party City,State,Zip: NC
Source: Leak-underground
Petroleum Type: PETROLEUM
Date Incident Reported: 2005-08-03 00:00:00
Whether Tank is Commercial or Non Commercial: COMMERCIAL
Whether Tank is Regulated: REGULATED
Current Risk Condition: L
Initial reported risk of incident (never changes): L
Latitude: 34.684607999999997
Longitude: -79.188050000000004
Date Case Closed: 2005-08-03 00:00:00
Extent of Contamination: None
Number of Supply Wells Located on Property: 0
MTBE in Well Y/N/U Yes, No or Unknown: 0
MTBE in Groundwater Y/N/U Yes, No or Unknown: U
Date Cleanup Initiated: 2005-06-21 00:00:00
Record Status: ARCHIVED RECORD
Pollutant Type Present: GASOLINE/DIESEL/KEROSENE
Reference Number for Media Disk for Archived Record: 361
RP Owner?: True
RP Operator?: False
RP Landowner?: True
Comments: Closure report documenting the in place abandonment of one 8,000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEMBROKE CAR WASH (Continued)

S127493567

gallon "orphaned" UST that was discovered in the parking lot area of the car wash during grading activities. Because of a shallow water table, a temporary monitoring well was installed adjacent to the fill for the UST and sampled for analysis. All target compounds were below 2L. No further action is warranted. >>>>File pulled for archiving on 3/3/2009.

38
SSW
1/4-1/2
0.388 mi.
2048 ft.

PEMBROKE ELEMENTARY SCHOOL
1555 JONES ST.
PEMBROKE, NC 28372

LUST U001198705
UST N/A

Relative:
Lower

LUST:

Actual:
167 ft.

Name: PEMBROKE ELEMENTARY SCHOOL
Address: 1555 JONES STREET
City,State,Zip: PEMBROKE, NC 28372
Facility ID: 00-0-0000019529
UST Number: FA-3545
Incident Number: 29576
Source Type: 3
Date Reported: 01/14/2009
Of Supply Wells: 0
Commercial/NonCommercial UST Site: C
Risk Classification: L
Risk Class Based On Review: L
Land Use: RES
MTBE: 0
MTBE1: N
Flag: 1
Flag1: 0
GPS Confirmed: 30
Current Status: C
PETOPT: 4
RPL: False
CD Num: 0
Reel Num: 0
RPOW: True
RPOP: False
Error Flag: 0
Error Code: N
Valid: False
Regional Officer Project Mgr: KEC
Company: PUBLIC SCHOOLS OF ROBESON CO
Telephone: 9106716000

LUST:

UST Number: FA-3545
Facility Id: 29576
Date Occurred: 2008-10-28 00:00:00
Date Reported: 2009-01-14 00:00:00
Ownership: 6
Operation Type: 4
Type: 4
Location: 8
Wells Affected Y/N: N
7#5 Minute Quad: Y
Err Type: 9

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PEMBROKE ELEMENTARY SCHOOL (Continued)

U001198705

Cause: 7
Source: G
UST Number: P

LUST:
Incident Number: 29576
Last Modified: 8/21/2023
Incident Phase: FU

UST:
Name: PEMBROKE ELEMENTARY SCHOOL
Address: 1555 JONES ST.
City,State,Zip: PEMBROKE, NC 28372
Facility Id: 00-0-0000019529
Contact: ROBESON COUNTY BOARD OF ED.
Contact Address1: PO BOX 2909 - HWY 72 & 711
Contact City/State/Zip: LUMBERTON, NC 28359-2909
FIPS County Desc: Robeson
Latitude: 0
Longitude: 0

[Click here to access the North Carolina DEQ records for this facility:](#)

Tank Id: 1
Tank Status: Removed
Installed Date: 05/08/1981
Perm Close Date: 05/11/2010
Product Name: Heating Oil/Fuel
Tank Capacity: 10000
Main Tank: No
Compartment Tank: No
Commercial: Yes
Regulated: No
Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Decode for TCONS_KEY: Single Wall Steel
Decode for PCONS_KEY: Other
Decode for PSYS_KEY: Unknown

J39
SE
1/4-1/2
0.441 mi.
2331 ft.
ALL ABOUT HAIR
713 E. THIRD ST.
PEMBROKE, NC 28372
Site 1 of 2 in cluster J

US BROWNFIELDS 1023619073
FINDS N/A

Relative: US BROWNFIELDS:
Lower Name: ALL ABOUT HAIR
Address: 713 E. THIRD ST.
Actual: City,State,Zip: PEMBROKE, NC 28372
164 ft. Property ID: 108385
Recipient Name: Pembroke, Town of
Grant Type: Petroleum
Property Number: 350901029
Parcel Size: 1.6
Latitude: 34.674852

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALL ABOUT HAIR (Continued)

1023619073

Longitude: -79.18495
Census Tract: 37155960502
Program Name: BF
Cooperative Agreement Number: 96460706
Start Date: 3/1/2007
Cleanup Required: U
Institutional Controls Required: U
Cleanup Completion Doc - NFA Letter Received: N
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro: N
Radius: 0.5
Below Poverty Number: 342
Below Poverty Percent: 58.86
Meidan Income: 353
Meidan Income Number: 457
Meidan Income Percent: 78.66
Vacant Housing Number: 51
Vacant Housing Percent: 22.16
Unemployed Number: 15
Unemployed Percent: 2.58

Name: ALL ABOUT HAIR
Address: 713 E. THIRD ST.
City,State,Zip: PEMBROKE, NC 28372
Property ID: 108385
Recipient Name: Pembroke, Town of
Grant Type: Petroleum
Property Number: 350901029
Parcel Size: 1.6
Latitude: 34.674852
Longitude: -79.18495
Census Tract: 37155960502
Program Name: BF
Cooperative Agreement Number: 96460706
Cleanup Required: U
Institutional Controls Required: U
Cleanup Completion Doc - NFA Letter Received: N
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro: N
Radius: 0.5
Below Poverty Number: 342
Below Poverty Percent: 58.86
Meidan Income: 353
Meidan Income Number: 457
Meidan Income Percent: 78.66
Vacant Housing Number: 51
Vacant Housing Percent: 22.16
Unemployed Number: 15
Unemployed Percent: 2.58

FINDS:

Registry ID: 110070068435

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

The Assessment, Cleanup and Redevelopment Exchange System (ACRES)
stores information reported by EPA Brownfields grant recipients on
Brownfields properties assessed or cleaned up with grant funding, as

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ALL ABOUT HAIR (Continued)

1023619073

well as information on Targeted Brownfields Assessments (TBA)
performed by EPA Regions.

[Click this hyperlink](#) while viewing on your computer to access
additional FINDS: detail in the EDR Site Report.

K40
WNW
1/4-1/2
0.449 mi.
2370 ft.

THE PANTRY 3134
501 WEST THIRD STREET
PEMBROKE, NC 28372

Site 1 of 2 in cluster K

LUST **S105958785**
LUST TRUST **N/A**
IMD

Relative:
Higher

Actual:
169 ft.

LUST:

Name: THE PANTRY 3134
Address: 501 WEST THIRD STREET
City,State,Zip: PEMBROKE, NC 28372
Facility ID: 00-0-0000018819
UST Number: FA-1772
Incident Number: 29073
Source Type: 3
Date Reported: 06/23/2003
Of Supply Wells: 0
Commercial/NonCommercial UST Site: C
Risk Classification: I
Risk Class Based On Review: I
Corrective Action Plan Type: BD
Phase Of LSA Req: 2
Site Risk Reason: G
Land Use: RES
MTBE: 0
MTBE1: Y
Flag: 0
Flag1: 0
GPS Confirmed: 30
Current Status: C
PETOPT: 3
RPL: False
CD Num: 0
Reel Num: 0
RPOW: True
RPOP: False
Error Flag: 0
Error Code: N
Valid: False
Regional Officer Project Mgr: KEC
Company: CIRCLE K STORES, INC.
Telephone: 9197746700

LUST:

UST Number: FA-1772
Facility Id: 29073
Date Occurred: 2003-06-20 00:00:00
Date Reported: 2003-06-23 00:00:00
Ownership: 4
Operation Type: 6
Type: 3
Location: 1
Wells Affected Y/N: N
7#5 Minute Quad: Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THE PANTRY 3134 (Continued)

S105958785

5 Minute Quad: Y
Err Type: 9
Source: E
UST Number: E

LUST:

Incident Number: 29073
Last Modified: 12/13/2023
Incident Phase: RA
NORR Issued: 9/26/2023

LUST TRUST:

Name: THE PANTRY 3134
Address: 501 WEST THIRD STREET
City,State,Zip: PEMBROKE, NC
Facility ID: 0-018819
Site ID: 29073
Site Eligible?: True
Commercial Find: 100% Commercial
Deductable Amount: 20000
3rd Party Deductable Amt: 0
Sum 3rd Party Amt Applied: 1450

IMD:

Facility ID: 29073
Name: THE PANTRY 3134
Address: 501 WEST THIRD STREET
City,State,Zip: PEMBROKE, NC
Date Occurred: 6/20/2003
Submit Date: 6/23/2003
Incident Desc: While cathodic protection system was being checked, significant soil contamination was discovered above the premium unleaded UST and was reported to The Pantry.

Operator: RENEE' THOMAS
Ownership: 4
Operation: 6
Ownership: Private
Operation Type: Commercial
Source: Leak-underground
Type: GASOLINE/DIESEL
Location: 1
Wells Affected: No
Location: Facility
Sampled By: Y
Samples Include: Y
Latitude: 34.6825
Longitude: -79.19833333
GW Contam: Yes, Groundwater Contamination has been detected
Soil Contam: No
Contact Phone: 9197746700
Owner Company: THE PANTRY, INC.
Operator Address: P.O. BOX 1410
Operator City,State,Zip: SANFORD, NC 27330
Risk Site: I
Dem Contact: KEC

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THE PANTRY 3134 (Continued)

S105958785

Latitude Number: 344057
Longitude Number: 791154
Latitude Decimal: 34.6825
Longitude Decimal: 79.19833333333333
GPS: 7
Agency: DWM

Status:
Facility ID: 29073
Last Modified: 2023-12-13 00:00:00
Incident Phase: RA
NORR Issued: 2023-09-26 00:00:00

K41
WNW
1/4-1/2
0.449 mi.
2370 ft.
Relative:
Higher
Actual:
169 ft.

CIRCLE K 2721649
501 W.THIRD STREET
PEMBROKE, NC 28372
Site 2 of 2 in cluster K

UST FINDER 1028510866
UST FINDER RELEASE N/A

UST FINDER:
Object ID: 586354
Facility ID: NC00-0-0000018819
Name: CIRCLE K 2721649
Address: 501 W.THIRD STREET
City,State,Zip: PEMBROKE, NC 28372
Open USTs: 3
Closed USTs: 0
TOS USTs: 0
Population 1500ft: 551
Private Wells 1500ft: 27
Within 100yr Floodplain: No
Land Use: Developed, Low Intensity
Within SPA: Yes
SPA PWS Facility ID: NC0378010_29046
SPA Water Type: GU - Ground Water Under the Influence of Surface Water
SPA Facility Type: WL - Well
SPA HUC12: 030402031003
Within WHPA: Yes
WHPA PWS Facility ID: NC0378020_29059
WHPA Water Type: GW - Ground water
WHPA Facility Type: WL - Well
WHPA HUC12: 030402030403
Facility Status: Open UST(s)
EPA Region: 4
Coordinate Source: State
X Coord: -79.19848
Y Coord: 34.68246
Latitude: 34.68246
Longitude: -79.19848

UST FINDER:
Object ID: 1399583
Facility ID: NC00-0-0000018819
Tank ID: NC00-0-0000018819_1
Tank Status: Open
Installation Date: 1983/04/16 16:00:00+00
Tank Capacity: 12000
Substances: Gasoline, Gas Mix

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K 2721649 (Continued)

1028510866

Tank Wall Type: Single

Object ID: 1399584
Facility ID: NC00-0-0000018819
Tank ID: NC00-0-0000018819_2
Tank Status: Open
Installation Date: 1983/04/16 16:00:00+00
Tank Capacity: 10000
Substances: Gasoline, Gas Mix
Tank Wall Type: Single

Object ID: 1399585
Facility ID: NC00-0-0000018819
Tank ID: NC00-0-0000018819_3
Tank Status: Open
Installation Date: 1983/04/16 16:00:00+00
Tank Capacity: 6000
Substances: Gasoline, Gas Mix
Tank Wall Type: Single

UST FINDER RELEASE:

Object ID: 282478
Facility ID: NC00-0-0000018819
Lust ID: NC6769
Name: THE PANTRY 3134
Address: 501 WEST THIRD STREET
City,State,Zip: PEMBROKE, NC 28372
Reported Date: 2003/06/23 15:59:59+00
Status: Open
Population within 1500ft: 549
Domestic Wells within 1500ft: 26
Land Use: Developed, Low Intensity
Within SPA: Yes
SPA PWS Facility ID: NC0378010_29046
SPA Water Type: GU - Ground Water Under the Influence of Surface Water
SPA Facility Type: WL - Well
SPA HUC12: 30402031003
Within WHPA: Yes
WHPA PWS Facility ID: NC0378020_29059
WHPA Water Type: GW - Ground water
WHPA Facility Type: WL - Well
WHPA HUC12: 030402030403
Within 100yr Floodplain: No
EPA Region: 4
Coordinate Source: State
X Coord: -79.19848999999999
Y Coord: 34.68249
Latitude: 34.68249
Longitude: -79.19849

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

J42
SE
1/4-1/2
0.475 mi.
2508 ft.
LUMBEE DRIVE END LIFT STATION
UNKNOWN
PEMBROKE, NC 28372
Site 2 of 2 in cluster J

US BROWNFIELDS
FINDS
1016647560
N/A

Relative: US BROWNFIELDS:
Lower Name: LUMBEE DRIVE END LIFT STATION
Actual: Address: UNKNOWN
165 ft. City,State,Zip: PEMBROKE, NC 28372
Property ID: 62121
Recipient Name: Pembroke, Town of
Grant Type: Petroleum
Parcel Size: 0.02
Latitude: 34.6743
Longitude: -79.1848
Census Tract: 37155960502
Program Name: BF
Cooperative Agreement Number: 96460706
Start Date: 5/24/2007
Ownership Entity: Government
Completion Date: 1/4/2008
Cleanup Required: U
Institutional Controls Required: U
Cleanup Completion Doc - NFA Letter Received: N
Past use industrial acreage: 0.02
Cleanup Comp Doc - Letter/Signed Rep Qualified Pro: N
Radius: 0.5
Below Poverty Number: 317
Below Poverty Percent: 59.03
Meidan Income: 327
Meidan Income Number: 422
Meidan Income Percent: 78.58
Vacant Housing Number: 47
Vacant Housing Percent: 22.07
Unemployed Number: 14
Unemployed Percent: 2.61

FINDS:
Registry ID: 110038717083

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:

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[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

43
ESE
1/4-1/2
0.478 mi.
2523 ft.

PEMBROKE PUBLIC WORKS GARAGE
329 EAST RAILROAD STREET
PEMBROKE, NC

IMD S105149954
N/A

Relative:
Lower

Actual:
166 ft.

IMD:

Facility ID: 23680
Name: PEMBROKE PUBLIC WORKS GARAGE
Address: 329 EAST RAILROAD STREET
City,State,Zip: PEMBROKE, NC
Date Occurred: 4/25/1995
Submit Date: 10/29/2001
Incident Desc: SOIL CONTAMINATION DISCOVERED DURING UST REMOVAL
Operator: MCDUFFIE CUMMINGS
Ownership: 1
Operation: 1
Ownership: Municipal
Operation Type: Public Service
Source: Leak-underground
Type: GASOLINE/DIESEL
Location: 8
Site Priority: H
Priority Update: 11/1/2001
Wells Affected: No
Location: Other
GW Contam: Yes, Groundwater Contamination has been detected
Soil Contam: No
Contact Phone: 910 521-9758
Owner Company: TOWN OF PEMBROKE
Operator Address: PO BOX 866 203 W THIRD ST
Operator City,State,Zip: PEMBROKE, NC 28372
Operator County: ROBES
Setting: 3
Risk Site: H
Priority Code: H
Dem Contact: KEC
GPS: NOD
Agency: DWM

Count: 1 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
PEMBROKE	S131424311	PEMBROKE OIL BULK PLANT	JONES & RAILROAD STREETS		BROWNFIELDS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl Date	Active Date
NC	AIRS	Air Quality Permit Listing	Department of Environmental Quality	03/04/2024	03/06/2024	05/29/2024
NC	AOP	Animal Operation Permits Listing	Department of Environmental Quality	08/29/2023	08/31/2023	11/21/2023
NC	ASBESTOS	Asbestos Permits & Notifications Information	Department of Health & Human Services	01/31/2024	02/06/2024	03/11/2024
NC	AST	AST Database	Department of Environment and Natural Resourc	11/08/2023	12/06/2024	02/27/2024
NC	BROWNFIELDS	Brownfields Projects Inventory	Department of Environment and Natural Resourc	03/06/2024	03/19/2024	04/12/2024
NC	CCB	Coal Ash Structural Fills (CCB) Listing	Department of Environmental Quality	05/10/2021	07/02/2021	09/27/2021
NC	COAL ASH	Coal Ash Disposal Sites	Department of Environment & Natural Resources	01/24/2024	03/20/2024	06/13/2024
NC	DEBRIS	Solid Waste Active Disaster Debris Sites Listing	Department of Environmental Quality	03/11/2024	03/12/2024	06/05/2024
NC	DRYCLEANERS	Drycleaning Sites	Department of Environment & Natural Resources	01/08/2024	03/12/2024	06/05/2024
NC	FIN ASSURANCE 1	Financial Assurance Information Listing	Department of Environment & Natural Resources	04/12/2024	04/19/2024	04/22/2024
NC	FIN ASSURANCE 2	Financial Assurance Information Listing	Department of Environment & Natural Resources	10/02/2012	10/03/2012	10/26/2012
NC	FIN ASSURANCE 3	Financial Assurance Information	Department of Environment & Natural Resources	02/05/2024	02/06/2024	04/29/2024
NC	HIST LF	Solid Waste Facility Listing	Department of Environment & Natural Resource	11/06/2006	02/13/2007	03/02/2007
NC	HSDS	Hazardous Substance Disposal Site	North Carolina Center for Geographic Informat	08/09/2011	11/08/2011	12/05/2011
NC	IMD	Incident Management Database	Department of Environment and Natural Resourc	04/26/2024	04/30/2024	07/22/2024
NC	INST CONTROL	No Further Action Sites With Land Use Restrictions Monitorin	Department of Environmental Quality	02/29/2024	03/06/2024	05/29/2024
NC	LAST	Leaking Aboveground Storage Tanks	Department of Environment & Natural Resources	04/26/2024	04/30/2024	07/23/2024
NC	LCID	Land-Clearing and Inert Debris (LCID) Landfill Notifications	Department of Environmental Quality	12/14/2023	04/04/2024	07/02/2024
NC	LUST	Regional UST Database	Department of Environment and Natural Resourc	04/26/2024	04/30/2024	07/23/2024
NC	LUST TRUST	State Trust Fund Database	Department of Environment and Natural Resourc	03/22/2024	04/04/2024	07/02/2024
NC	NPDES	NPDES Facility Location Listing	Department of Environment & Natural Resources	04/02/2024	04/24/2024	07/19/2024
NC	OLI	Old Landfill Inventory	Department of Environment & Natural Resources	12/07/2023	01/03/2024	03/22/2024
NC	PCSRP	Petroleum-Contaminated Soil Remediation Permits	Department of Environmental Quality	08/18/2022	10/03/2022	12/16/2022
NC	PFAS	PFAS Contaminated Site Listing	Department of Environmental Quality	05/18/2022	05/18/2022	08/08/2022
NC	RGA HWS	Recovered Government Archive State Hazardous Waste Facilitie	Department of Environment, Health and Natural	07/01/2013	07/01/2013	12/24/2013
NC	RGA LF	Recovered Government Archive Solid Waste Facilities List	Department of Environment, Health and Natural	07/01/2013	07/01/2013	01/13/2014
NC	RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	Department of Environment, Health and Natural	07/01/2013	07/01/2013	12/20/2013
NC	SEPT HAULERS	Permitted Septage Haulers Listing	Department of Environmental Quality	12/14/2023	04/04/2024	07/02/2024
NC	SHWS	Inactive Hazardous Sites Inventory	Department of Environment, Health and Natural	02/29/2024	03/06/2024	05/29/2024
NC	SPILLS	Spills Incident Listing	Department of Environment & Natural Resources	10/28/2023	12/22/2023	01/08/2024
NC	SPILLS 80	SPILLS80 data from FirstSearch	FirstSearch	06/14/2001	01/03/2013	03/06/2013
NC	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	09/27/2012	01/03/2013	03/06/2013
NC	SWF/IF	List of Solid Waste Facilities	Department of Environment & Natural Resources	01/24/2024	03/20/2024	06/13/2024
NC	SWRCY	Recycling Center Listing	Department of Environment & Natural Resourc	01/31/2022	02/02/2022	04/29/2022
NC	UIC	Underground Injection Wells Listing	Department of Environment & Natural Resources	09/25/2023	11/27/2023	02/21/2024
NC	UST	Petroleum Underground Storage Tank Database	Department of Environment & Natural Resources	04/12/2024	04/19/2024	04/22/2024
NC	VCP	Responsible Party Voluntary Action Sites	Department of Environment and Natural Resourc	02/29/2024	03/06/2024	05/29/2024
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	09/30/2017	05/08/2018	07/20/2018
US	ABANDONED MINES	Abandoned Mines	Department of Interior	03/18/2024	03/19/2024	06/06/2024
US	AQUEOUS FOAM NRC	Aqueous Foam Related Incidents Listing	Environmental Protection Agency	07/01/2024	07/01/2024	07/12/2024
US	BIOSEDIDS	ICIS-NPDES Biosolids Facility Data	Environmental Protection Agency	04/14/2024	04/16/2024	07/12/2024
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2021	03/09/2023	03/20/2023
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2022	11/27/2023	02/22/2024
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	01/12/2017	03/05/2019	11/11/2019
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	03/31/2024	04/19/2024	06/26/2024
US	CORRACTS	Corrective Action Report	EPA	06/03/2024	06/07/2024	06/20/2024
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl Date	Active Date
US	DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	05/06/2021	05/21/2021	08/11/2021
US	DOD	Department of Defense Sites	USGS	06/07/2021	07/13/2021	03/09/2022
US	DOT OPS	Incident and Accident Data	Department of Transportation, Office of Pipeline	01/02/2020	01/28/2020	04/17/2020
US	Delisted NPL	National Priority List Deletions	EPA	05/22/2024	06/03/2024	06/26/2024
US	E MANIFEST	Hazardous Waste Electronic Manifest System	Environmental Protection Agency	07/24/2023	04/18/2024	06/06/2024
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	06/23/2024	06/28/2024	07/12/2024
US	EDR Hist Auto	EDR Exclusive Historical Auto Stations	EDR, Inc.			
US	EDR Hist Cleaner	EDR Exclusive Historical Cleaners	EDR, Inc.			
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EPA WATCH LIST	EPA Watch List	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	03/13/2024	03/19/2024	06/17/2024
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	03/25/2024	03/26/2024	06/24/2024
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	04/02/2018	04/11/2018	11/06/2019
US	FEMA UST	Underground Storage Tank Listing	FEMA	03/15/2024	03/19/2024	06/17/2024
US	FINDS	Facility Index System/Facility Registry System	EPA	02/09/2024	02/27/2024	05/24/2024
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	01/30/2024	02/13/2024	04/04/2024
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	02/12/2024	02/13/2024	04/04/2024
US	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	03/03/2023	03/03/2023	06/09/2023
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	06/14/2024	06/17/2024	06/24/2024
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	11/18/2016	11/23/2016	02/10/2017
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	04/01/2014	08/06/2014	01/29/2015
US	IHS OPEN DUMPS	Open Dumps on Indian Land	Department of Health & Human Services, Indian	10/25/2023	01/17/2024	03/13/2024
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	10/25/2023	01/17/2024	03/13/2024
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	10/25/2023	01/17/2024	03/13/2024
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	10/25/2023	01/17/2024	03/13/2024
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA Region 5	10/04/2023	01/17/2024	03/13/2024
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	10/25/2023	01/17/2024	03/13/2024
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	10/25/2023	01/17/2024	03/13/2024
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	10/25/2023	01/17/2024	03/13/2024
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	10/25/2023	01/17/2024	03/13/2024
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2014	07/14/2015	01/10/2017
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	10/24/2023	03/13/2024	03/13/2024
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	10/24/2023	01/17/2024	03/13/2024
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	10/24/2023	01/17/2024	03/13/2024
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	10/17/2023	01/17/2024	03/13/2024
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	10/24/2023	01/17/2024	03/13/2024
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	10/24/2023	01/17/2024	03/13/2024
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	10/24/2023	01/17/2024	03/13/2024
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	10/24/2023	01/17/2024	03/13/2024
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	07/27/2015	09/29/2015	02/18/2016
US	INDIAN VCP R7	Voluntary Cleanup Priority Listing	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	05/22/2024	06/03/2024	06/24/2024
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl Date	Active Date
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	05/22/2024	06/03/2024	06/26/2024
US	LUCIS	Land Use Control Information System	Department of the Navy	02/14/2024	02/16/2024	04/04/2024
US	MINES MRDS	Mineral Resources Data System	USGS	08/23/2022	11/22/2022	02/28/2023
US	MINES VIOLATIONS	MSHA Violation Assessment Data	DOL, Mine Safety & Health Admi	04/01/2024	04/04/2024	07/13/2024
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	01/02/2024	01/16/2024	03/13/2024
US	NPL	National Priority List	EPA	05/22/2024	06/03/2024	06/26/2024
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	PADS	PCB Activity Database System	EPA	03/20/2023	04/04/2023	06/09/2023
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	09/13/2019	11/06/2019	02/10/2020
US	PCS	Permit Compliance System	EPA, Office of Water	12/16/2016	01/06/2017	03/10/2017
US	PCSENF	Enforcement data	EPA	12/31/2014	02/05/2015	03/06/2015
US	PFAS ATSDR	PFAS Contamination Site Location Listing	Department of Health & Human Services	06/24/2020	03/17/2021	11/08/2022
US	PFAS ECHO	Facilities in Industries that May Be Handling PFAS Listing	Environmental Protection Agency	07/01/2024	07/01/2024	07/12/2024
US	PFAS ECHO FIRE TRAIN	Facilities in Industries that May Be Handling PFAS Listing	Environmental Protection Agency	07/01/2024	07/01/2024	07/12/2024
US	PFAS FEDERAL SITES	Federal Sites PFAS Information	Environmental Protection Agency	07/01/2024	07/01/2024	07/12/2024
US	PFAS NPDES	Clean Water Act Discharge Monitoring Information	Environmental Protection Agency	07/01/2024	07/01/2024	07/12/2024
US	PFAS NPL	Superfund Sites with PFAS Detections Information	Environmental Protection Agency	07/01/2024	07/01/2024	07/12/2024
US	PFAS PROJECT	NORTHEASTERN UNIVERSITY PFAS PROJECT	Environmental Protection Agency	07/01/2024	07/01/2024	07/12/2024
US	PFAS PT 139 AIRPORT	All Certified Part 139 Airports PFAS Information Listing	Social Science Environmental Health Research	05/19/2023	04/05/2024	06/06/2024
US	PFAS RCRA MANIFEST	PFAS Transfers Identified in the RCRA Database Listing	Environmental Protection Agency	07/01/2024	07/01/2024	07/12/2024
US	PFAS TRIS	List of PFAS Added to the TRI	Environmental Protection Agency	07/01/2024	07/01/2024	07/12/2024
US	PFAS TSCA	PFAS Manufacture and Imports Information	Environmental Protection Agency	07/01/2024	07/01/2024	07/12/2024
US	PFAS WQP	Ambient Environmental Sampling for PFAS	Environmental Protection Agency	07/01/2024	07/01/2024	07/12/2024
US	PRP	Potentially Responsible Parties	EPA	09/19/2023	10/03/2023	10/19/2023
US	Proposed NPL	Proposed National Priority List Sites	EPA	05/22/2024	06/03/2024	06/26/2024
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RADINFO	Radiation Information Database	Environmental Protection Agency	07/01/2019	07/01/2019	09/23/2019
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	06/03/2024	06/07/2024	06/20/2024
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	06/03/2024	06/07/2024	06/20/2024
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	06/03/2024	06/07/2024	06/20/2024
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	06/03/2024	06/07/2024	06/20/2024
US	RCRA-VSQG	RCRA - Very Small Quantity Generators (Formerly Conditional	Environmental Protection Agency	06/03/2024	06/07/2024	06/20/2024
US	RMP	Risk Management Plans	Environmental Protection Agency	04/01/2024	04/17/2024	07/12/2024
US	ROD	Records Of Decision	EPA	05/22/2024	06/03/2024	06/26/2024
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	07/30/2021	02/03/2023	02/10/2023
US	SEMS	Superfund Enterprise Management System	EPA	04/22/2024	05/01/2024	05/24/2024
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	04/22/2024	05/01/2024	05/24/2024
US	SSTS	Section 7 Tracking Systems	EPA	07/11/2024	07/11/2024	07/12/2024
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2022	11/13/2023	02/07/2024
US	TSCA	Toxic Substances Control Act	EPA	12/31/2020	06/14/2022	03/24/2023
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	08/30/2019	11/15/2019	01/28/2020
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (	EPA	10/12/2016	10/26/2016	02/03/2017
US	US AIRS MINOR	Air Facility System Data	EPA	10/12/2016	10/26/2016	02/03/2017
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	03/11/2024	03/12/2024	05/10/2024
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	12/31/2023	02/21/2024	04/04/2024
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	02/13/2024	02/21/2024	04/04/2024

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl Date	Active Date
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	03/18/2024	03/19/2024	06/20/2024
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	12/31/2023	02/21/2024	04/04/2024
US	US INST CONTROLS	Institutional Controls Sites List	Environmental Protection Agency	02/13/2024	02/21/2024	04/04/2024
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	02/05/2024	02/21/2024	04/04/2024
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	01/07/2022	02/24/2023	05/17/2023
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
US	US FINDER	UST Finder Database	Environmental Protection Agency	06/08/2023	10/04/2023	01/18/2024
US	UST FINDER RELEASE	UST Finder Releases Database	Environmental Protection Agency	06/08/2023	10/31/2023	01/18/2024
US	UXO	Unexploded Ordnance Sites	Department of Defense	09/06/2023	09/13/2023	12/11/2023
CT	CT MANIFEST	Hazardous Waste Manifest Data	Department of Energy & Environmental Protection	02/05/2024	02/06/2024	04/25/2024
NJ	NJ MANIFEST	Manifest Information	Department of Environmental Protection	12/31/2018	04/10/2019	05/16/2019
NY	NY MANIFEST	Facility and Manifest Data	Department of Environmental Conservation	12/31/2019	11/30/2023	12/01/2023
PA	PA MANIFEST	Manifest Information	Department of Environmental Protection	06/30/2018	07/19/2019	09/10/2019
RI	RI MANIFEST	Manifest information	Department of Environmental Management	12/31/2020	11/30/2021	02/18/2022
WI	WI MANIFEST	Manifest Information	Department of Natural Resources	05/31/2018	06/19/2019	09/03/2019
US	AHA Hospitals	Sensitive Receptor: AHA Hospitals	American Hospital Association, Inc.			
US	Medical Centers	Sensitive Receptor: Medical Centers	Centers for Medicare & Medicaid Services			
US	Nursing Homes	Sensitive Receptor: Nursing Homes	National Institutes of Health			
US	Public Schools	Sensitive Receptor: Public Schools	National Center for Education Statistics			
US	Private Schools	Sensitive Receptor: Private Schools	National Center for Education Statistics			
NC	Daycare Centers	Sensitive Receptor: Child Care Facility List	Department of Health & Human Services			
US	Flood Zones	100-year and 500-year flood zones	Emergency Management Agency (FEMA)			
US	NWI	National Wetlands Inventory	U.S. Fish and Wildlife Service			
NC	State Wetlands	Wetland Inventory	US Fish & Wildlife Service			
US	Topographic Map	Current USGS 7.5 Minute Topographic Map	U.S. Geological Survey			
US	Oil/Gas Pipelines		Endeavor Business Media			
US	Electric Power Transmission Line Data		Endeavor Business Media			

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

PEMBROKE FORMER BULK OIL PLANT
SOUTH JONES STREET AND BLAINE STREET
PEMBROKE, NC 28372

TARGET PROPERTY COORDINATES

Latitude (North):	34.68007 - 34° 40' 48.25"
Longitude (West):	79.190492 - 79° 11' 25.77"
Universal Transverse Mercator:	Zone 17
UTM X (Meters):	665774.3
UTM Y (Meters):	3838858.2
Elevation:	169 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	50020784 PEMBROKE, NC
Version Date:	2022

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

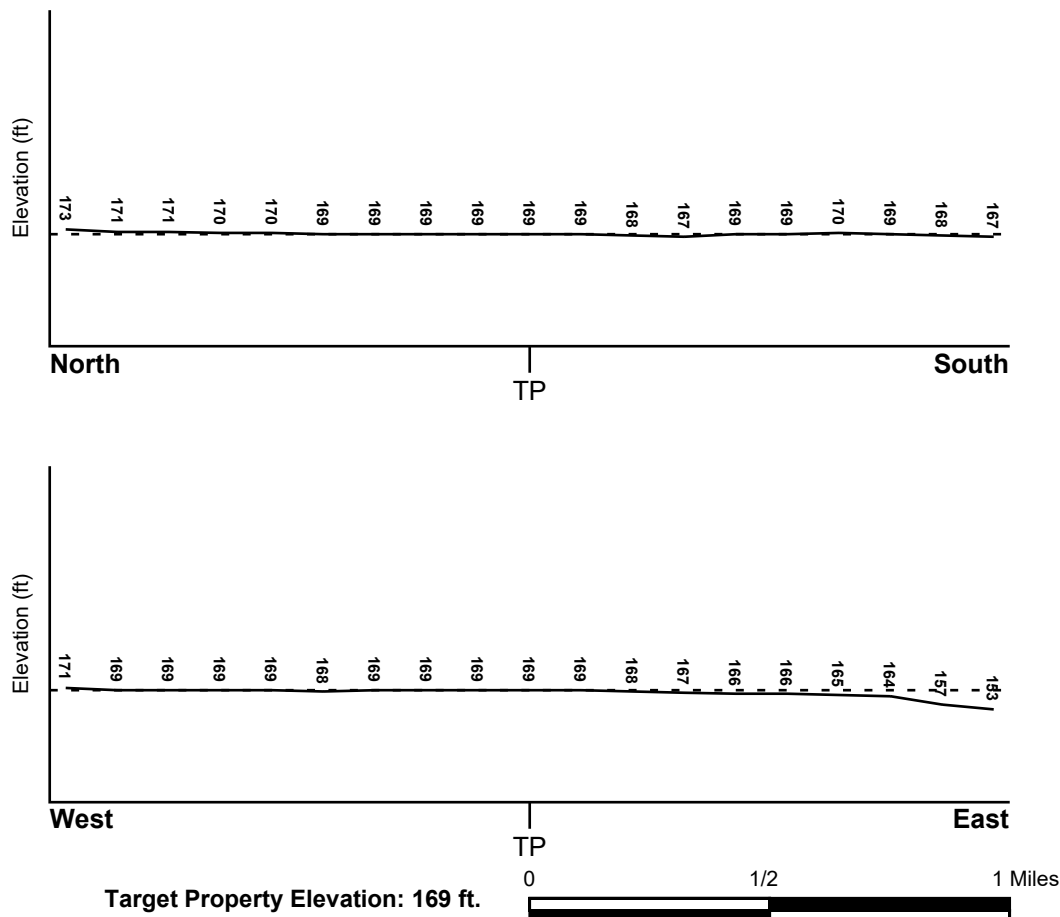
TOPOGRAPHIC INFORMATION

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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
3710934300J	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
3710934400J	FEMA FIRM Flood data
37155C0155D	FEMA Q3 Flood data
3710933300J	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

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

HYDROGEOLOGIC INFORMATION

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

AQUIFLOW®

Search Radius: 1.000 Mile.

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

Era: Mesozoic
System: Cretaceous
Series: Washita Group
Code: IK3 (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

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

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Component Name: RAINS

Soil Surface Texture: sandy loam

Hydrologic Group: Class B/D - Drained/undrained hydrology class of soils that can be drained and are classified.

Soil Drainage Class: Poorly. Soils may have a saturated zone, a layer of low hydraulic conductivity, or seepage. Depth to water table is less than 1 foot.

Hydric Status: Soil meets the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	12 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 6.00 Min: 2.00	Max: 6.50 Min: 3.60
2	12 inches	40 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 2.00 Min: 0.60	Max: 5.50 Min: 3.60
3	40 inches	62 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 2.00 Min: 0.60	Max: 5.50 Min: 3.60
4	62 inches	79 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 2.00 Min: 0.60	Max: 5.50 Min: 3.60

OTHER SOIL TYPES IN AREA

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

Soil Surface Textures: loam
loamy sand
fine sandy loam
sand

Surficial Soil Types: loam
loamy sand
fine sandy loam
sand

Shallow Soil Types: sandy clay loam
clay
sandy loam
sand
clay loam

Deeper Soil Types: sandy clay loam
clay loam
sandy clay

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

loamy sand
sand
coarse sand

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS40000882894	0 - 1/8 Mile ESE
2	USGS40000882899	1/8 - 1/4 Mile SSE
A5	USGS40000882896	1/4 - 1/2 Mile WNW
6	USGS40000882900	1/4 - 1/2 Mile ENE
B9	USGS40000882893	1/4 - 1/2 Mile East

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
4	NC0378454	1/4 - 1/2 Mile West

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

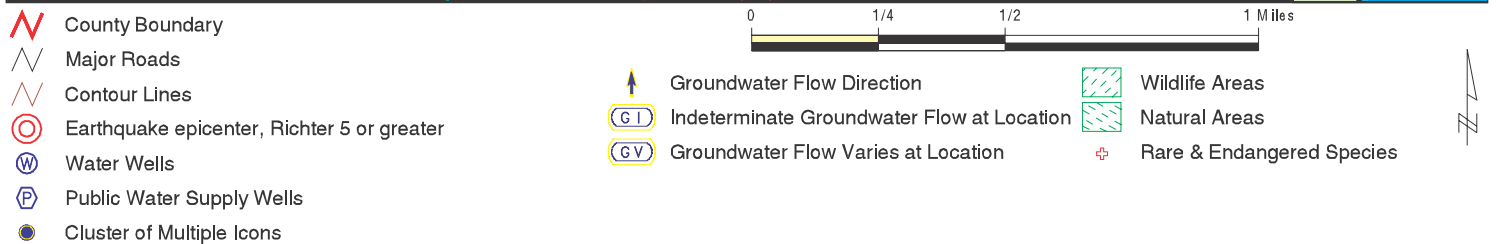
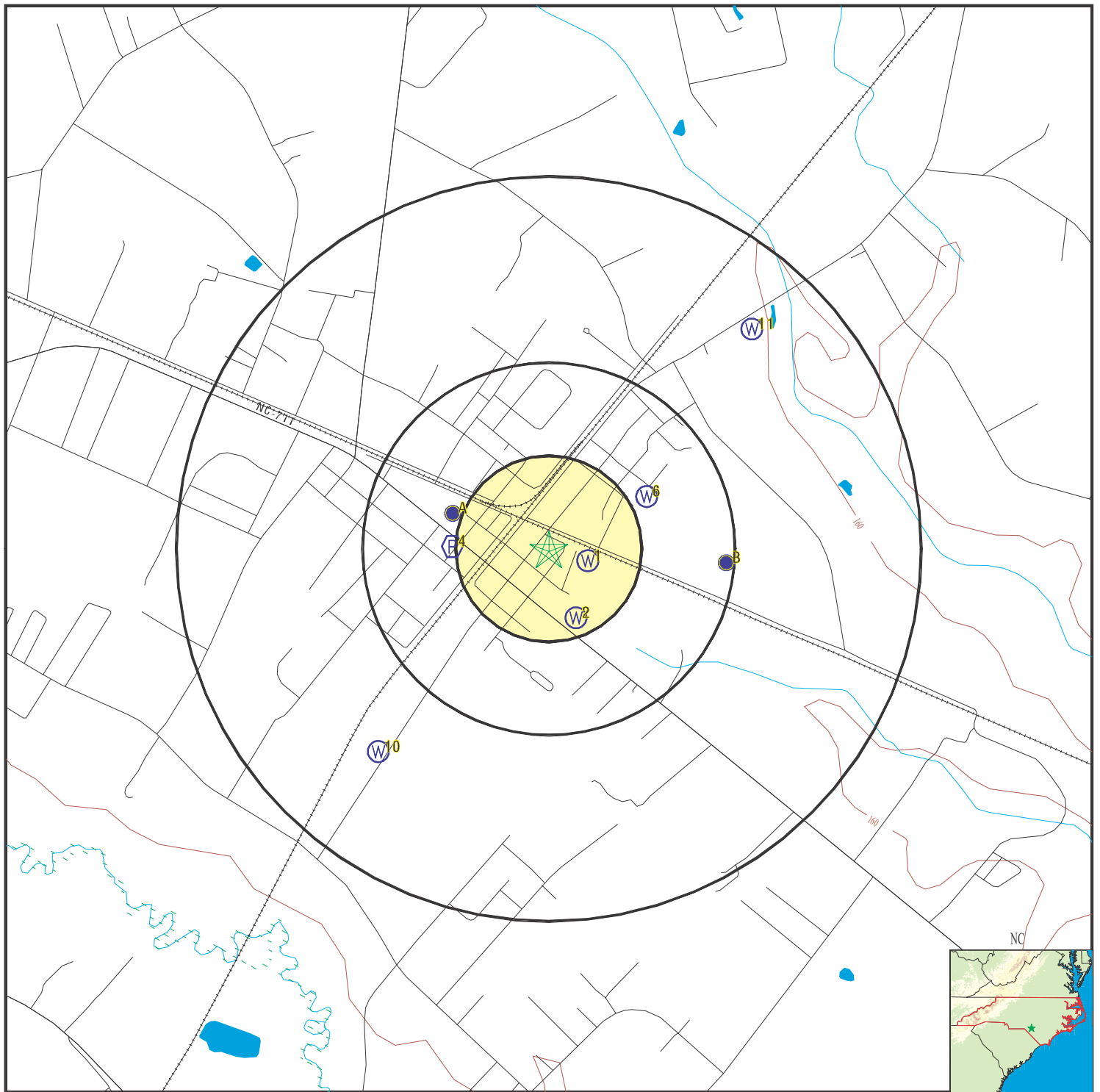
STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A3	NC4000000018500	1/4 - 1/2 Mile WNW
B7	NC4000000018504	1/4 - 1/2 Mile East
B8	NC4000000018501	1/4 - 1/2 Mile East
10	NC4000000018502	1/2 - 1 Mile SW
11	NC4000000018857	1/2 - 1 Mile NE

GEOCHECK - PHYSICAL SETTING SOURCE SUMMARY

OTHER STATE DATABASE INFORMATION

PHYSICAL SETTING SOURCE MAP - 7719943.2s



SITE NAME: Pembroke Former Bulk Oil Plant
 ADDRESS: South Jones Street and Blaine Street
 Pembroke NC 28372
 LAT/LONG: 34.68007 / 79.190492

CLIENT: Terracon
 CONTACT: Olivia Veno
 INQUIRY #: 7719943.2s
 DATE: July 29, 2024 3:25 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
ESE
0 - 1/8 Mile
Higher

FED USGS USGS40000882894

Organization ID:	USGS-NC		
Organization Name:	USGS North Carolina Water Science Center		
Monitor Location:	RB-086 PEMBROKE 2-DESTR	Type:	Well
Description:	PEMBROKE MUN 2 (RB-086) DESTROYED BETWEEN 1988&93		
HUC:	03040203	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported		
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Black Creek Aquifer	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	135
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1950
Feet below surface:	5.0	Feet to sea level:	Not Reported
Note:	Not Reported		

2
SSE
1/8 - 1/4 Mile
Higher

FED USGS USGS40000882899

Organization ID:	USGS-NC		
Organization Name:	USGS North Carolina Water Science Center		
Monitor Location:	RB-026 PEMBROKE MUN 1	Type:	Well
Description:	Not Reported	HUC:	03040203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Black Creek Aquifer	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	93
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

A3
WNW
1/4 - 1/2 Mile
Higher

NC WELLS NC4000000018500

WELLS:

Water System ID:	NC0378020	Water System Name:	PEMBROKE, TOWN OF
WS Activity Status:	Active	WS Federal Type:	Community
Primary Source:	Ground Water	Facility ID:	W03
Facility Status:	Inactive	Facility Name:	WELL #3 (ABANDONED)
Facility Water Type:	Ground Water	Facility Availability:	Permanent
Well Depth:	Not Reported	Units:	Not Reported
Owner:	PEMBROKE, TOWN OF		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

4

West
1/4 - 1/2 Mile
Higher

FRDS PWS NC0378454

Epa region:	04	State:	NC
Pwsid:	NC0378454	Pwsname:	NEW BETHEL METH. CHURCH
Cityserved:	Not Reported	Stateserved:	NC
Ziperved:	Not Reported	Fipscounty:	37155
Status:	Closed	Retpopsrvd:	175
Pwssvconn:	1	Psource longname:	Groundwater
Pwstype:	TNCWS	Owner:	Private
Contact:	ALONZO OXENDINE OR PASTOR	Contactorgname:	Not Reported
Contactphone:	Not Reported	Contactaddress1:	Not Reported
Contactaddress2:	Not Reported	Contactcity:	FAIRMONT
Contactstate:	NC	Contactzip:	38272
Pwsactivitycode:	I		
PWS ID:	NC0378454	PWS type:	System Owner/Responsible Party
PWS name:	ALONZO OXENDINE OR PASTOR	PWS address:	Not Reported
PWS city:	PEMBROKE	PWS state:	NC
PWS zip:	Not Reported	PWS ID:	NC0378454
PWS type:	System Owner/Responsible Party		
PWS name:	NEW BETHEL METH CHURCH	PWS address:	Not Reported
PWS city:	FAIRMONT	PWS state:	NC
PWS zip:	28340	PWS ID:	NC0378454
Activity status:	Active	Date system activated:	7706
Date system deactivated:	Not Reported	Retail population:	00000175
System name:	NEW BETHEL METH. CHURCH	System address:	Not Reported
System city:	FAIRMONT	System state:	NC
System zip:	Not Reported		
County FIPS:	078	City served:	FAIRMONT
Population served:	101 - 500 Persons	Treatment:	Untreated
Latitude:	343145	Longitude:	0791310
Latitude:	344048	Longitude:	0791143

A5

WNW
1/4 - 1/2 Mile
Higher

FED USGS USGS40000882896

Organization ID:	USGS-NC		
Organization Name:	USGS North Carolina Water Science Center		
Monitor Location:	RB-087 PEMBROKE MUN 3	Type:	Well
Description:	USED IN SCP STUDY	HUC:	03040203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	250	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported
Ground water levels,Number of Measurements:	2	Level reading date:	1987-10-27
Feet below surface:	13.59	Feet to sea level:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Note: Not Reported

Level reading date: 1955-07 Feet below surface: 12.0
Feet to sea level: Not Reported Note: Not Reported

6
ENE
1/4 - 1/2 Mile
Lower

FED USGS USGS40000882900

Organization ID:	USGS-NC		
Organization Name:	USGS North Carolina Water Science Center		
Monitor Location:	RB-027	Type:	Well
Description:	Not Reported	HUC:	03040203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Black Creek Aquifer	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	312
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

B7
East
1/4 - 1/2 Mile
Lower

NC WELLS NC4000000018504

WELLS:

Water System ID:	NC0378020	Water System Name:	PEMBROKE, TOWN OF
WS Activity Status:	Active	WS Federal Type:	Community
Primary Source:	Ground Water	Facility ID:	W07
Facility Status:	Active	Facility Name:	WELL #7
Facility Water Type:	Ground Water	Facility Availability:	Permanent
Well Depth:	206	Units:	FT
Owner:	PEMBROKE, TOWN OF		

B8
East
1/4 - 1/2 Mile
Lower

NC WELLS NC4000000018501

WELLS:

Water System ID:	NC0378020	Water System Name:	PEMBROKE, TOWN OF
WS Activity Status:	Active	WS Federal Type:	Community
Primary Source:	Ground Water	Facility ID:	W04
Facility Status:	Inactive	Facility Name:	WELL #4 (INACTIVE)
Facility Water Type:	Ground Water	Facility Availability:	Permanent
Well Depth:	Not Reported	Units:	Not Reported
Owner:	PEMBROKE, TOWN OF		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

B9
East
1/4 - 1/2 Mile
Lower

FED USGS USGS40000882893

Organization ID:	USGS-NC		
Organization Name:	USGS North Carolina Water Science Center		
Monitor Location:	RB-121 PEMBROKE MUN 4	Type:	Well
Description:	Not Reported	HUC:	03040203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Black Creek Aquifer	Aquifer Type:	Confined single aquifer
Construction Date:	Not Reported	Well Depth:	225
Well Depth Units:	ft	Well Hole Depth:	303
Well Hole Depth Units:	ft		

Ground water levels, Number of Measurements:	2	Level reading date:	1993-12-28
Feet below surface:	9.28	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	1982-09-14	Feet below surface:	13
Feet to sea level:	Not Reported	Note:	Not Reported

10
SW
1/2 - 1 Mile
Lower

NC WELLS NC4000000018502

WELLS:

Water System ID:	NC0378020	Water System Name:	PEMBROKE, TOWN OF
WS Activity Status:	Active	WS Federal Type:	Community
Primary Source:	Ground Water	Facility ID:	W05
Facility Status:	Active	Facility Name:	WELL #5
Facility Water Type:	Ground Water	Facility Availability:	Permanent
Well Depth:	200	Units:	FT
Owner:	PEMBROKE, TOWN OF		

11
NE
1/2 - 1 Mile
Lower

NC WELLS NC4000000018857

WELLS:

Water System ID:	NC0378644	Water System Name:	LOCKLEAR & SON FUNERAL HOME
WS Activity Status:	Inactive	WS Federal Type:	Non Community Transient
Primary Source:	Ground Water	Facility ID:	W01_1
Facility Status:	Active	Facility Name:	WELL #1
Facility Water Type:	Ground Water	Facility Availability:	Permanent
Well Depth:	Not Reported	Units:	Not Reported
Owner:	LOCKLEAR SR, SAMUEL		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

Acres: 406.63
Quality type: Not Reported
Site id: 3424

Sitename:
Sig:
Edr id:

NC_SNHA NC10003424
LUMBER RIVER/BEAR SWAMP AQUATIC HABITAT
B
NC10003424

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: NC Radon

Radon Test Results

Num Results	Avg pCi/L	Min pCi/L	Max pCi/L
1	0.30	0.3	0.3

Federal EPA Radon Zone for ROBESON County: 3

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

Federal Area Radon Information for Zip Code: 28372

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.300 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

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

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

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

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: US Fish & Wildlife Service

Telephone: 703-358-2171

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

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

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

North Carolina Public Water Supply Wells

Source: Department of Environmental Health

Telephone: 919-715-3243

OTHER STATE DATABASE INFORMATION

North Carolina Wildlife Resources/Game Lands

Source: Center for Geographic Information and Analysis

Telephone: 919-733-2090

All publicly owned game lands managed by the North Carolina Wildlife Resources Commission and as listed in Hunting and Fishing Maps.

NC Natural Heritage Sites: Natural Heritage Element Occurrence Sites

Source: Natural Heritage Occurrence Sites Center for Geographic Information and Analysis

Telephone: 919-733-2090

A point coverage identifying locations of rare and endangered species, occurrences of exemplary or unique natural ecosystems (terrestrial or aquatic), and special animal habitats (e.g., colonial waterbird nesting sites).

NC Natural Areas: Significant Natural Heritage Areas

Source: Center for Geographic Information and Analysis

Telephone: 919-733-2090

A polygon coverage identifying sites (terrestrial or aquatic) that have particular biodiversity significance.

A site's significance may be due to the presence of rare species, rare or high quality natural communities, or other important ecological features.

RADON

State Database: NC Radon

Source: Department of Environment & Natural Resources

Telephone: 919-733-4984

Radon Statistical and Non Statistical Data

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

STREET AND ADDRESS INFORMATION

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APPENDIX E
PRIOR REPORTS

**PHASE I SITE INVESTIGATION REPORT
PATES SUPPLY COMPANY
PEMBROKE, ROBESON COUNTY, NORTH CAROLINA
EPA TDD No. 0006/OT-06-022**

Prepared for:

**US Environmental Protection Agency - Region 4
61 Forsyth Street SW
Atlanta, Georgia 30303**

**Town of Pembroke
100 S Union Chapel Road
Pembroke, NC 28372**

Prepared by:

**Oneida Total Integrated Enterprises
1220 Kennestone Circle, Suite 106
Marietta, Georgia 30066
678-355-5550**



**EPA Contract No.: EP-S4-15-01
OTIE Project No.: 2015106-1022**

April 2020

TABLE OF CONTENTS

1.0	SUMMARY	1
1.1	Findings	1
1.2	Recommendations	3
2.0	INTRODUCTION	4
2.1	Purpose	4
2.2	Detailed Scope-of-Services	4
2.3	Significant Assumptions	4
2.4	Limitations and Exceptions	4
2.5	Special Terms and Conditions	5
2.6	User Reliance	5
3.0	SITE DESCRIPTION	6
3.1	Location and Legal Description	6
3.2	Subject Site and Vicinity General Characteristics	6
3.3	Current Use of Property	6
3.4	Descriptions of Structures, Roads, Other Improvements on the Site	6
3.5	Current Use of Adjoining and Potentially Significant Nearby Properties	7
4.0	USER-PROVIDED INFORMATION	8
4.1	Title Records	8
4.2	Environmental Liens or Activity and Use Limitations	8
4.3	Specialized Knowledge	9
4.4	Valuation Reduction for Environmental Issues	9
4.5	Owner, Property Manager, and Occupant Information	9
4.6	Reason for Performing Phase I ESA	9
4.7	Other	9
5.0	RECORDS REVIEW	11
5.1	Standard Environmental Record Sources	11
5.1.1	Federal Government	11
5.1.2	State Government	14
5.1.3	Tribal Government	20
5.2	Additional Environmental Record Sources	20
5.2.1	Other Reviewed Databases and Records	20
5.3	Local Environmental Record Sources	21
5.3.1	Local Environmental/Health Department	21
5.3.2	Fire Department	21
5.3.3	Building Department	21
5.3.4	Planning & Zoning Department	21
5.3.5	Electrical Utility Company	22
5.3.6	Water and Sewer Utility	22
5.3.7	Other Local Environmental Records Sources	22
5.4	Physical Setting	22
5.4.1	Topography and Surface Hydrology	22
5.4.2	Geologic and Hydrogeologic Setting	22
5.4.1	Other Physical Setting Sources	22
5.5	Historical Use Information on the Subject Site and Vicinity	23

5.5.1	Sanborn Maps.....	24
5.5.1	Historic Topographic Maps.....	24
5.5.2	Aerial Photographs.....	25
5.5.1	Prior Reports	26
5.5.2	Other Historical Sources	27
6.0	SITE RECONNAISSANCE	28
6.1	Methodology and Limiting Conditions	28
6.2	General Site Setting.....	28
6.3	Hazardous Substance Use, Storage, and Disposal	28
6.4	Underground Storage Tanks.....	28
6.5	Aboveground Storage Tanks	28
6.6	Other Petroleum Products	28
6.7	Polychlorinated Biphenyls (PCBs).....	28
6.8	Unidentified Substance Containers	29
6.9	Nonhazardous Solid Waste	29
6.10	Wastewater	29
6.11	Waste Pits, Ponds and Lagoons.....	29
6.12	Drains and Sumps.....	29
6.13	Septic Systems.....	29
6.14	Stormwater Management System.....	29
6.15	Wells.....	29
6.16	Windshield Survey Observations	29
7.0	INTERVIEWS	30
8.0	SUBSURFACE VAPOR MIGRATION	31
9.0	OTHER ENVIRONMENTAL CONDITIONS	32
9.1	Asbestos-Containing Material (ACM)	32
9.2	Radon	32
9.3	Lead in Drinking Water.....	32
9.4	Lead-Based Paint (LBP).....	32
9.5	Mold Screening	32
9.6	Additional User Requested Services	32
10.0	REPORT FINDINGS	33
10.1	On-Site	33
10.2	Off-Site.....	33
10.3	Other.....	34
11.0	OPINION	35
12.0	SIGNATURES OF ENVIRONMENTAL PROFESSIONALS	36
13.0	QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL	37

LIST OF FIGURES

Figure 1	Topographic Map
Figure 2	Aerial Map

LIST OF APPENDICES

Appendix A	EDR Regulatory Database Information
Appendix B	Chain-of-Title Search and Tax Records
Appendix C	Site Photograph
Appendix D	User Provided Information
Appendix E	Sanborn Map Search Report
Appendix F	Historical Topographic Maps
Appendix G	Historical Aerial Photographs
Appendix H	Other Supporting Documentation

LIST OF ACRONYMS

ACM	asbestos containing materials
ACRES	Assessment, Cleanup and Redevelopment Exchange System
amsl	above mean sea level
AOC	Area of concern
AST	Aboveground storage tank
ASTM	American Society of Testing and Materials
AUL	activity use limitations
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System
COC	Compound of Concern
bgs	below ground surface
DBP	Disinfectants and Disinfection Byproducts
ECHO	Enforcement and Compliance History Online
EDR	EDR Technology Corporation
ESA	Environmental Site Assessment
FEMA	Federal Emergency Management Agency
FIRM	Flood Insurance Rate Map
GPR	Ground Penetrating Radar
GRO	Gasoline Range Organic
HSWA	Hazardous and Solid Waste Amendments
LBP	Lead-based paint
LUST	Leaking Underground Storage Tank
mg/kg	Milligrams per kilogram
MTBE	Methyl-t-butyl ether
NC DEQ	North Carolina Department of Environmental Quality
NCGWQS	North Carolina Groundwater Quality Standard
Non-Gen	Non-Generator
NOV	Notice of Violation
NRCS	Natural Resources Conservation Services
NRP	Notice of Residual Petroleum
NWI	National Wetlands Inventory
OTIE	Oneida Total Integrated Enterprises
PCB	Polychlorinated biphenyls
pCi/L	picoCuries per liter
PIN	Parcel Identification Number
PWS	Public Water Supply
RCRA	Resource Conservation and Recovery Act
REC	Recognized environmental concerns
RP	Responsible Party
SHWS	State Hazardous Waste Site
START	Superfund Technical Assessment and Response Team
TDD	Technical Direction Document
TPH	Total Petroleum Hydrocarbon
µg/L	Micrograms per liter

USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
UST	Underground storage tank
VEC	Vapor Encroachment Conditions
VES	Vapor Encroachment Screen
VOC	Volatile organic compounds

1.0 SUMMARY

The United States Environmental Protection Agency Region 4 (USEPA) is assisting the Town of Pembroke with redevelopment of a Brownfields site located in Pembroke, Robeson County, North Carolina. The USEPA contracted Oneida Total Integrated Enterprises (OTIE) to conduct a Phase I Environmental Assessment of the former Pates Supply Company site located at 2 Jones Street, Pembroke, NC (the “Subject Site”).

As part of this assessment, OTIE performed a Phase I Environmental Site Assessment (ESA) to assess whether recognized environmental conditions (RECs) are present at the Subject Site. In this report, the term REC refers to the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term REC is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public 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 [American Society of Testing and Materials (ASTM), 2014]. This work was performed in accordance with the ASTM Standard Practice E1527-13 (ASTM, 2014).

In this report, OTIE provides information from the Phase I ESA completed for the Subject Site, as shown in Figures 1 and 2. During performance of this Phase I ESA, OTIE emphasized evaluating the likelihood that RECs are located at or in close proximity to the Subject Site. The scope of services for this Phase I ESA included:

- 1) a review of historical information/records regarding land use and environmental conditions at the Subject Site,
- 2) performance of a visual reconnaissance to document existing conditions at the Subject Site and the immediately adjacent land area,
- 3) interviews of key persons familiar with the Subject Site, and
- 4) preparation of this report.

Report findings and recommendations are presented below. A more complete discussion of the information obtained during the Phase I ESA is presented in the following sections of this report. Supporting data, figures, photographs, and other information are attached in Appendices A through H.

1.1 Findings

Based on available records ranging from 1938 to 2017, the Subject Site, referred to as Pates Supply Company and Pembroke Oil Company is located at 2 Jones Street, Pembroke, Robeson County, North Carolina. The physical address for the Subject Site is 2 Jones Street. Geographic coordinates for the approximate center of the property are 34.680046 North Latitude -79.190382 West Longitude.

It is vacant property comprised of three parcels (350601004, 350601005, and 35060100501, totaling approximately 2.01 acres located on the southeast side of the intersection of Jones Street and Blaine Street. It is bound by Blaine Street to the North, Jones Street to the west beyond

which is the Pembroke Police Department and an AT&T utility equipment building, residential properties to the south, and Blaine Street to the east beyond which are residential properties.

The facility maintained a bulk storage warehouse, an herbicide/pesticide storage building, and petroleum above ground storage tanks (ASTs), and historically operated as a bulk storage facility and petroleum distribution terminal. Based on information provided through database searches and interviews, operations ceased sometime between 2009 and 2013. Infrastructure on the site was demolished in 2017.

Based on the known history of the Subject Property and a review of the available information, the following RECs were identified on the Subject Property:

- The facility operated a petroleum distribution terminal that serviced local filling stations. Several large ASTs were used on-site to store petroleum products. Information on the storage capacity and specific materials stored is unavailable.
- Pates Supply Company was a licensed pesticides dealer that stored herbicides and pesticides on the Subject Property; however information regarding specific chemicals stored and operational practices for managing the materials is unavailable.
- Environmental investigations conducted at the site in 2015 and 2017 indicate a petroleum and pesticide release to soil and groundwater on-site. Total Petroleum Hydrocarbon (TPH)-Gasoline Range Organic (GRO) concentration detected in soil exceeded the state notification concentrations. Naphthalene, benzene, ethylbenzene, total xylenes, methyl-t-butyl ether (MTBE), vinyl chloride, 1,2-dichloroethane, 4,4'-DDT, toxaphene, nitrate-nitrite-N, and ammonia-N exceeded North Carolina Groundwater Quality Standard (NCGWQS).

Additionally, based on the evaluation of the known or suspected releases of hazardous substances, historical site operations and petroleum product storage/usage, distance from the property, potential pathways, shallow groundwater and soil type, et al, potential subsurface vapor migration sources were determined to represent a REC in connection with the property.

The vicinity of the Subject Site is comprised of residential and commercial properties. Four properties, located at a higher elevation from the Subject Site, show evidence for the existence of RECs related to residual contamination from suspected or actual releases.

- Glenn's Quick Stop, listed in the leaking underground storage tank (LUST) database in July 1997, had petroleum constituents in soil and groundwater at elevated concentrations following the removal of the two 6,000-gallon underground storage tanks (USTs) on-site. The site was given a tentative classification of "CDE" by the Division of Water Quality.
- Pembroke Farm Home & Garden is listed as a NC Inactive Hazardous Waste Site as of May 16, 2019. A confirmed release of benzene, ammonia, and nitrate to groundwater was documented in 2016 and 2017.
- The Pantry 3134 is an active fueling station with a lengthy regulatory history involving significant soil and groundwater contamination from a LUST reported in June 23, 2003. Abatement actions have included the removal of free product; however, due to access issues associated with neighboring property owners, the plume is yet to be defined. Clean up actions are ongoing.
- Chavis Property, listed as a US Brownfield, is currently a vacant lot but previously operated as Freeman Auto Sales and Pates Supply. A 250-gallon UST used to store gasoline was

removed in 2009. A Phase I ESA was completed on September 19, 2009; however information regarding RECs identified was unavailable for review.

Additional RECs related to data gaps were identified as follows:

- Strickland Heights, Dial Terrace, and Shef's Seafood & Company Store, listed as US Brownfield sites, have had Phase I ESAs completed as part of USEPA Brownfields however, information regarding RECs identified were unavailable for review.

1.2 Recommendations

In OTIE's professional opinion, known or suspected RECs are located on the Subject Site. Further evaluation of their potential significance is provided below.

Soil and groundwater contamination is documented at the Subject Site as a result of a release from one or more of the following potential sources:

- A UST used for heating oil formerly located on the Subject Site.
- ASTs used to store petroleum product formerly located on the Subject Site.
- Herbicide and pesticide storage on the Subject Property.

Additionally, there is evidence of impact to groundwater from nearby properties located at a higher elevation from the Subject Property. Residual contamination from suspected or actual releases at Glenn's Quick Shop, Pembroke Farm Home & Garden, The Pantry 3134, and Chavis Property could be present on-site.

To further evaluate environmental issues associated with the identified RECs at the Subject Site, OTIE recommends that further soil and groundwater assessment be completed on the Subject Property to determine the extent of the impact of on-site releases and whether off-site releases from nearby properties have impacted the Subject Site.

2.0 INTRODUCTION

2.1 Purpose

This Phase I ESA was conducted to evaluate whether RECs are indicated at, or in the immediate vicinity of the Pates Supply Company property in Pembroke, Robeson County, North Carolina. This included an evaluation of the potential for RECs to require additional investigation and/or remedial activities at the Subject Site.

Further discussion regarding the scope of services performed by OTIE during this Phase I ESA is presented below.

2.2 Detailed Scope-of-Services

This work was completed in accordance with the ASTM Practice 1527-13. This included collecting and reviewing the following types of information (where available):

- Physical setting characteristics of the property through a review of referenced sources such as topographic maps and geologic, soils and hydrologic reports.
- Usage of the Subject Property, adjoining properties and surrounding area through a review of referenced historical sources such as land title records, fire insurance maps, aerial photographs, prior reports and interviews.
- Observations and interviews regarding current Subject Property usage and condition including: the use, treatment, storage, disposal or generation of hazardous substances, petroleum products, hazardous wastes, nonhazardous solid wastes and wastewater.
- Usage of adjoining and surrounding area properties and the likely impact of known or suspected releases of hazardous substances or petroleum products from those properties in, on, or at the Subject Property.
- Information in referenced environmental agency databases and local environmental records, within the specified approximate minimum search distance from the property.
- Potential for subsurface vapor migration in, on or at the Subject Property as described in Section 8.0

2.3 Significant Assumptions

Certain information contained in this report has been obtained from regulatory database search firms, regulatory and public agencies, personal interviews, Town of Pembroke, and previous site investigations conducted by other entities for the Subject Site. It is assumed that the information obtained from these and other information sources is true and accurate. OTIE makes no representations or warranties that such information is accurate or that any independent investigation, beyond the agreed upon scope of services, has been or will be made to verify the accuracy of such information.

2.4 Limitations and Exceptions

The opinions rendered in this report are based on information collected during the conduct of this assessment and represent OTIE's professional judgment regarding the status of the Subject Site and, as such, are not a guarantee. Rather, OTIE's professional judgment is based on generally accepted environmental practices and procedures designed to assess environmental liability with

respect to current and customary standards of due care recognized by the consulting profession at the time this investigation was performed.

2.5 *Special Terms and Conditions*

The work was performed under the USEPA Superfund Technical Assessment and Response Team (START) Contract EP-S4-15-01 held by OTIE dated April 2015.

2.6 *User Reliance*

OTIE has no obligation to any party other than USEPA and Town of Pembroke who intend to or will rely on this report and specifically disclaim any responsibility to any third party. OTIE assumes no obligation for reporting any facts contained in this report to anyone other than the above parties unless otherwise directed by them.

3.0 SITE DESCRIPTION

3.1 Location and Legal Description

The physical address for the Subject Site is 2 Jones Street. It is located on the southeast side of the intersection of Jones Street and Blaine Street. Geographic coordinates for the approximate center of the property are 34.680046 North Latitude -79.190382 West Longitude.

According to information obtained from the Online Resource for County of Robeson, NC (ROKMAPS) Maps, the Subject Property is located on three parcels, identified by Robeson County with Parcel Identification Number (PIN) numbers 350601004, 350601005, and 35060100501. The Subject Property is approximately 2.01 acres. Two parcels (350601004 and 350601005) are currently owned by Pates Supply Co. Inc.; the third parcel (35060100501) is currently owned by Pembroke Oil Company, Inc. The Tax Office Property Cards and legal descriptions for the property are provided in Appendix B.

3.2 Subject Site and Vicinity General Characteristics

The location and general physical characteristics of the Subject Site and surrounding area are illustrated on the United States Geological Survey (USGS) topographic map in Figure 1, an annotated 2017 aerial photograph in Figure 2.

The Subject Site is a vacant property located in a mixed commercial/residential area within the city limits of Pembroke, NC. It is bound by Blaine Street to the North, Jones Street to the west beyond which is the Pembroke Police Department and an AT&T utility equipment building, residential properties to the south, and Blaine Street to the east beyond which are residential properties.

Surface topography across the Subject Property and surrounding area is relatively flat with a slight slope towards the south southeast. The topography is an average elevation of 169 feet above mean sea level (amsl). The direction of groundwater flow at the site is unknown.

3.3 Current Use of Property

The Subject Property is currently vacant and not operational.

3.4 Descriptions of Structures, Roads, Other Improvements on the Site

The Subject Property is approximately 2.01 acres and includes no standing structures or materials. It is an open field of maintained grass. An unpaved road, Blaine Street, borders the property to the north and east. Photographs of the site are provided in Appendix C.

The following table provides other improvements to the property.

Property Improvements	
Adjoining and/or Access/Egress Roads	Vehicular access to the Subject Property is unrestricted and available from Jones Street and Blaine Street
Unimproved Areas	The entire property is currently unimproved
Landscaped Areas	None
Surface Water	None
Potable Water Source	N/A
Sanitary Sewer Utility	Town of Pembroke
Storm Sewer Utility	Town of Pembroke

Electrical Utility	Lumbee River EMC
Natural Gas Utility	Piedmont Natural Gas
Total Square Feet of Space (approximate)	N/A
Construction Completion Date (year)	N/A
Interior Finishes Description	N/A
Exterior Finishes Description	N/A
Cooling System Type	N/A
Heating System Type	N/A
Emergency Power	N/A

3.5 *Current Use of Adjoining and Potentially Significant Nearby Properties*

The adjoining properties to the east and south are residential-use while the adjoining property to the west is municipal and telecom use. An active railroad line adjoins the Subject Property to the north. None of these immediate boundary properties were observed to have apparent RECs.

4.0 USER-PROVIDED INFORMATION

Under the ASTM Practice 1527-13, the Phase I ESA report “User” (the person or entity for which the report is prepared) is obligated to provide certain information, if available. A summary of the available User-provided information is listed below.

4.1 Title Records

OTIE reviewed chain-of-title records available on the Robeson County Register of Deeds web site (<http://rod.co.robeson.nc.us/#>) as part of this assessment (Appendix B). OTIE reviewed deeds from January 20, 1920 to April 3, 1990, and no other deeds vesting title in the Subject Property were found of record during the period searched. The deeds indicate the following ownership history for the Subject Site:

Date	Parcel	Grantor	Grantee	Deed Book/Page
01/20/1920	350601004, 350601005, and 35060100501	R.H. Livermore and Gretchen Livermore	A.M. Breece	7-A / 289
07/29/1941	350601004, 350601005, and 35060100501	Wachovia Bank and Trust, Trustee A.M. Breece	McNair Investment Company and Pates Supply Company Incorporated	9-H / 494
06/24/1942	350601004, 350601005, and 35060100501	McNair Investment Company and Pates Supply Company Incorporated	Z.V. Pate Incorporated	9-L / 289
05/11/1972	350601004, 350601005, and 35060100501	Z.V. Pate Incorporated	Pates Supply Company Incorporated	18-K / 61
05/25/1972	350601004, 350601005, and 35060100501	McNair Investment Company	Pates Supply Company, Inc.	18-K / 170
04/03/1990	35060100501	Pates Supply Company, Inc.	Pembroke Oil Company, Inc.	703 / 418

The title documents reviewed indicate a REC on the Subject Property.

4.2 Environmental Liens or Activity and Use Limitations

User has no knowledge of any environmental liens against the property that are filed or recorded under federal, tribal, state or local law. Per the scope of work, no activity use limitation (AUL)/Lien Search was performed in association with the Subject Property for this assessment.

According to information obtained from the of the Robeson County Government Tax Administration Record Search website (<http://www.ustaxdata.com/nc/robeson/robesonsearch.cfm>), the property taxes have been paid through 2019.

4.3 Specialized Knowledge

The User provided OTIE with the following specialized knowledge that is material to RECs in connection with the Subject Property. Mr. Tyler Thomas, Town Manager for the Town of Pembroke, provided a copy of a Limited Site Investigation Report for the Former Pembroke Oil Bulk Plant completed by Mid-Atlantic Associates, Inc. (Mid-Atlantic) in April 2017 (Appendix D). The Mid-Atlantic report included a copy of an UST removal and preliminary subsurface investigation completed by Environmental Hydrogeologic Consultants, Inc. (EHC) at the Subject Property in November 2015. The information provided is summarized in section 7.0.

4.4 Valuation Reduction for Environmental Issues

The User provided a copy of an Appraisal Report completed by Barker and Associates (Barker) in February 2018 for all three parcels comprising the Subject Property (Appendix D). The value estimate by sales comparison determined by Barker was \$72,000; however, item 14 under Limitations and Assumptions indicated the appraisal did not include information regarding the evidence of existing contaminated groundwater on-site. The valuation assumed that all of the Subject Property is environmentally clean and that no hazardous substances or environmental issues exist on the Subject Site.

According to the Robeson County Government Tax Property Record Cards for the Subject Site, the market value of Parcel Number 350601004 is \$27,400, Parcel Number 350601005 is \$12,100, and Parcel Number 350601005.01 is \$19,800 (Appendix B).

4.5 Owner, Property Manager, and Occupant Information

Two of the parcels comprising the Subject Property are currently owned by Pates Supply Company and the third is owned by Pembroke Oil Company (see Section 3.1). It is currently vacant (infrastructure on the site has been demolished) but historically operated as a bulk storage facility. The facility maintained a bulk storage warehouse, an herbicide/pesticide storage building, and petroleum ASTs.

4.6 Reason for Performing Phase I ESA

Town of Pembroke would like to redevelop the Subject Property for municipal use to potentially include a multi-use public safety facility to house a courthouse, Police Department, Fire Department, and community building (see TBA Application provided in Appendix D). Prior to redevelopment activities, Town of Pembroke would like to assess the site for any potential environmental contamination. The principle focus of this Phase I ESA is to document if RECs are present at the Subject Site.

4.7 Other

The USEPA provided a copy of the TBA Application submitted by Town of Pembroke, EPA Region 4 - Targeted Brownfields Site Eligibility Determination Outline for the Subject Site, and

Access Authorization form for the Subject Site (Appendix D). According to the TBA Application form, the property was used for petroleum distribution prior to 2009.

5.0 RECORDS REVIEW

5.1 Standard Environmental Record Sources

The regulatory database review was performed to determine whether the Subject Site and/or nearby properties have been formerly identified as having caused or having the potential to cause a REC. EDR of Shelton, Connecticut, an environmental database search agency, provided the Federal and State database search report. The EDR Summary Report maps, summary tables, and detailed information pages for selected sites are presented in Appendix A. The distribution of identified sites relative to the Subject Site is shown on maps included with the EDR report.

Unless otherwise noted, the information provided by the regulatory agency database report and other sources referenced in this report, were considered sufficient for REC, controlled recognized environmental condition, historical recognized environmental condition or *de minimis* condition determinations without conducting supplemental agency file reviews.

A complete list of the databases researched by EDR is presented in Appendix A. Further discussion of the records that contained the Subject Site and nearby sites within the relevant search radii is provided below.

Regulatory Database	Target Property	Search Distance (Miles)	Within ⅛ mile	Within ¼ mile	Within ½ mile	Within 1 mile	Totals
Resource Conservation and Recovery Act (RCRA) Non-Generator (Non-Gen)		0.25	1	0	NR	NR	1
A Listing of Brownfields Sites (US BROWNFIELDS)		0.5	1 IM	1	5	NR	7
State Hazardous Waste Sites Inventory (SWHS)		1	0	0	1	NR	1
Leaking Underground Storage Tank Database (LUST)		0.5	1	1	2	NR (4 IM)	8
Underground Storage Tank (USTs)		0.25	1 IM 1	6	NR (1 IM)	NR	9
EDR Exclusive Historic Gas Stations (EDR US Hist Auto Stat)		0.125	1 IM	NR	NR	NR	1
Water Wells (WELLS)		1	1 USGS	1 USGS	3 USGS 1 PWS 2 State	1 State	5 USGS 1 PWS 1 State

Notes

IM: incorrectly mapped by EDR

NR: Not reported

USGS: United States Geologic Survey

PWS: Public Water Supply

5.1.1 Federal Government

Records from the Federal Government were reviewed to determine the potential of the subject areas to be contaminated and/or have on-site generation of hazardous wastes.

The following Federal records were found within the relevant search radii.

RCRA-NonGen: The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

The RCRA-NonGen listed one site within a 0.25-mile of the Subject Site:

Fleetwood Homes of NC – (RCRA-NonGen: NCS000001398) < 1/8 mile east and higher elevation
According to the EDR report, the site is located 0.081-mile east and at a higher elevation from the Subject Site. The information provided in the EDR report indicates the USEPA received the generator form on 7/23/2009. They are listed as a non-generator of hazardous wastes. The reported data states that no violations have been reported.
Given this site is a non-generator of hazardous wastes, and the lack of prior violations, this database listing does not present a REC with a potential to impact the Subject Site.

U.S. Brownfield (ACRES): Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by USEPA Brownfield grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfield Assessments performed by USEPA Regions. This list is managed by Environmental Protection Agency and updated semi-annually.

The U.S. Brownfield database listed seven sites within a 0.5-mile radius of the Subject Site. One was incorrectly mapped by EDR.

*Maynor Manor (ACRES: 109086) < 1/8 mile southeast and lower elevation
EDR incorrectly mapped this site. This site is located on Locklear Street approximately 200-feet east and at a slightly lower elevation from the Subject Property. According to the EDR report, this site is a 6.5-acres property comprised of multi-family residential units owned and operated by the Pembroke Housing Authority. As part of an USEPA Brownfield Petroleum Assessment Grant, a Phase I ESA was completed on June 5, 2009. Information regarding RECs identified was unavailable.
Given the lower elevation of this site to the Subject Property, this database listing does not present a REC with a potential to impact the Subject Site.

*= site incorrectly mapped

Sheff's Seafood & Company Store (ACRES: 67441) 1/8 - 1/4 mile west southwest and higher elevation
According to the EDR Report, this site is located 0.129-mile west southwest and a higher elevation from the Subject Property. This site is a < 1-acre property comprised of one structure currently owned by James and Janice Sheffield and operated as a BBQ restaurant. As part of an USEPA Brownfield Petroleum Assessment Grant, a Phase I ESA was completed on November 30, 2007. According to the Robeson County Government Tax records, this site was previously operated as a lumber warehouse. Information regarding RECs identified was unavailable.
Given the lack of information available for review, this site is considered a data gap and a REC with potential to impact the Subject Property.

Oneida Total Integrated Enterprises

Chavis Property (ACRES: 90801)

¼ - ½ mile west northwest and higher elevation

According to the EDR Report, this site is located 0.278-mile west northwest and higher elevation from the Subject Property. It is currently vacant but previously operated as an auto sales business and a general store. A 250-gallon UST used to store gasoline was removed in 2009. A Phase I ESA was completed on September 19, 2009. According to the Robeson County Government Tax records, this site was previously operated as Freeman Auto Sales and Pates Supply. Information regarding RECs identified was unavailable.

Given the higher elevation of this site to the Subject Site and the lack of information available for review, this site is considered a data gap and a REC with potential to impact the Subject Property.

Dial Terrace (ACRES: 109084)

¼ - ½ mile west and higher elevation

According to the EDR Report, this site is located 0.297-mile west and higher elevation from the Subject Property. According to the EDR report, this site is an 8.8-acres property comprised of multi-unit apartment complexes owned and operated by the Pembroke Housing Authority. As part of an USEPA Brownfield Petroleum Assessment Grant, a Phase I ESA was completed on June 4, 2009. Information regarding RECs identified was unavailable.

Given the higher elevation of this site to the Subject Site and the lack of information available for review, this site is considered a data gap and a REC with potential to impact the Subject Property.

Strickland Heights (ACRES: 109087)

¼ - ½ mile north northwest and higher elevation

According to the EDR Report, this site is located 0.299-mile north northwest and higher elevation from the Subject Property. According to the EDR report, this site is a 29-acres property comprised of multi-family residential units owned and operated by the Pembroke Housing Authority. As part of an USEPA Brownfield Petroleum Assessment Grant, a Phase I ESA was completed on July 17, 2009. Information regarding RECs identified was unavailable.

Given the higher elevation of this site to the Subject Site and the lack of information available for review, this site is considered a data gap and a REC with potential to impact the Subject Property.

All About Hair (ACRES: 108385)

¼ - ½ mile southeast and lower elevation

According to the EDR Report, this site is located 0.441-mile southeast and lower elevation from the Subject Property. This is a 1.6-acres property comprised of several structures operating multiple businesses including a fueling station, convenience store, restaurant, hair salon, and laundry mat. A Phase I ESA was completed on March 1, 2007. Information regarding RECs identified was unavailable.

Given the lower elevation of this site from the Subject Property, this database listing is not considered a REC with potential to impact the Subject Property.

Lumbee Drive End Lift Station (ACRES: 62121)

¼ - ½ mile southeast and lower elevation

According to the EDR Report, this site is located 0.475-mile southeast and lower elevation from the Subject Property. This is a 0.02-acres property currently used as a Lift Station. A Phase I ESA was completed on January 4, 2008. Information regarding RECs identified was unavailable.

Given the lower elevation of this site from the Subject Property, this database listing is not considered a REC with potential to impact the Subject Property.

5.1.2 State Government

Records from the state government were reviewed to determine the potential of the Subject Site and nearby sites to be contaminated and/or have on-site generation of hazardous wastes.

SHWS Database: The North Carolina Department of Environmental Quality (NC DEQ) maintains a list of sites equivalent to Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS). These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. This list is updated quarterly.

The SHWS database listed one site within a 1-mile radius of the Subject Site:

Pembroke Farm Home & Garden (SHWS S120837456 / NONCD0002988)

¼ - ½ mile west northwest and higher elevation

According to the EDR report, the site is located 0.281-mile west northwest and at a higher elevation from the Subject Site. A Phase I ESA completed on September 16, 2015 identified two RECs pertaining to a 12,000-gallon AST located on-site containing aqueous nitrogen fertilizer, and the adjacent former drycleaner operations. A Phase II ESA completed on December 2, 2016 identified elevated concentrations of ammonia and nitrate in groundwater. The contamination was reported to the NC DEQ Waste Management Division on January 18, 2017. A notice of regulatory requirements was issued by NC DEQ on February 21, 2017. A Site Investigation Report dated August 14, 2017 indicated the presence of benzene, ammonia, and nitrate in groundwater above NC 2L standards. Inactive Hazardous Waste Sites Branch granted the Responsible Party (RP) permission to enter into the State's Voluntary Cleanup Program.

The site was listed on the NC Inactive Hazardous Wastes Site on May 16, 2019.

Given the distance and higher elevation of this site to the Subject Property, the confirmed release to groundwater, and the lack of evidence suggesting remediation at the site, this database listing is considered a REC with potential to impact the Subject Property.

LUST Database: The NC DEQ manages a database listing of all LUSTs. LUST records contain an inventory of reported leaking underground storage tank incidents. This list is updated on a quarterly basis.

IMD: NC DEQ maintains a list of groundwater and/or soil contamination incidents. This list is updated sporadically.

Listings that appear on the LUST typically appear on the IMD.

The LUST database listed eight sites within a 0.5-mile radius of the Subject Site. Four sites were incorrectly mapped by EDR and are over 0.5-mile radius of the Subject Site.

Glenns Quick Stop (LUST: S103040435; IMD: 18221)

<1/8 mile north northwest and higher elevation

According to the EDR report, the site is located 0.061-mile north northwest and at a higher elevation from the Subject Site. Two 6,000-gallon gasoline USTs were installed in 1982 and removed from this site in July 1997. 161 tons of impacted soil were also removed as part of the tank removal. A soil stockpile sample had a GRO concentration of 10,100 milligrams per kilogram (mg/kg). A grab groundwater sample collected from the open pit had a benzene concentration of 243 micrograms per liter (µg/L), ethylbenzene at a concentration of 607 µg/L, toluene at a concentration of 1.710 µg/L, xylenes at a concentration of 3,980 µg/L, and lead at a concentration of 26 µg/L. The site was classified as “CDE” by the Division of Water Quality. A notice of regulatory requirements was sent by NC DEQ Division of Water Quality on August 12, 1997. No further file information was available for review.

Given the higher elevation and distance of this site from the Subject Site and the lack of information on the closure type for the tanks, this database listing is considered a REC related to residual contamination from the release with a potential to impact the Subject Site.

Roadrunner Service Station (LUST: S119104733; IMD: 42015)

Alternate name: Locklear’s Performance Auto

1/8 - 1/4 mile west and higher elevation

According to the EDR report, the site is located 0.201-mile southeast and at a higher elevation from the Subject Site. Two 6,000-gallon gasoline USTs were installed in 1989 and removed in 2016. One 4,000-gallon UST was installed in 1993 and grouted in place in 2016. Analytical results for confirmation soil and groundwater samples did not indicate NC 2L exceedances. None of the samples collected during the removal resulted in detections exceeding the standard. There was one reported release for this site on 6/1/2016. The site was granted a status of No Further Action “NFA” on 8/2/2016.

Given the No Further Action “NFA” status granted by NC DEQ, this database listing is not considered a REC with a potential to impact the Subject Site.

Pembroke Elementary (LUST: U001198705; IMD: 29576)

¼ - ½ mile south southwest and lower elevation

According to the EDR report, the site is located 0.388-mile south southwest and at a lower elevation from the Subject Site. A release of heating oil was reported on January 14, 2009. The 10,000-gallon UST was installed in 1981 and removed in May 2010. 135 tons of impacted soil were also removed as part of the tank removal. A groundwater sample collected from the monitoring well had a benzene concentration of 7.3 µg/L, naphthalene concentration of 57 µg/L, C9-C12 aliphatics concentration of 1,100 µg/L, C9-C18 aliphatics concentration of 2,200 µg/L, and C11-C22 aromatics concentration of 1,500 µg/L. Abatement actions included the removal of free product from a monitoring well installed on-site. A notice of regulatory requirements was sent by NC DEQ Division of Water Quality on April 23, 2009. A Limited Site Assessment Report, submitted to the UST Section December 16, 2010, showed naphthalene in groundwater at 160 µg/L and bis (2-ethylhexyl) phthalate 59 µg/L exceeding NC 2L. This LUST remains a low risk until the school system elects to continue monitoring until concentrations are less than NC 2L, or record a Notice of Residual Petroleum (NRP).

Given the distance and the lower elevation of this site from the Subject Property, this database listing is not considered a REC with potential to impact the Subject Property.

The Pantry 3134 (LUST: S105958785; IMD: 29073)

¼ - ½ mile west northwest and higher elevation

According to the EDR report, the site is located 0.445-mile west northwest and at a higher elevation from the Subject Site. This listing is also a LUST TRUST and has a lengthy regulatory history. While cathodic protection system was being checked, significant soil contamination was discovered above the premium unleaded UST and was reported on June 23, 2003. Significant groundwater and soil contamination has been documented. Abatement actions have included the removal of free product. Due to access issues associated with neighboring properties, the plume is yet to be defined.

Given the higher elevation and distance of this site from the Subject Site, and the ongoing clean up actions, this database listing is considered a REC related to residual contamination from the release with a potential to impact the Subject Site.

***Pembroke Public Works (LUST: U003146566; IMD: 11864)**

> ½ mile east and higher elevation

This site is incorrectly mapped on the EDR report. Using the geographic coordinates provided in the UST database, the site is greater than 0.5-mile radius from the Subject Site. The site is located 0.87-mile east and at a higher elevation from the Subject Site.

Given the distance of this site from the Subject Site, this database listing is not considered a REC with potential to impact the Subject Property.

*= site incorrectly mapped

***Lowry's Country Store (LUST: S101169091; IMD: 10922)**

> ½- mile west northwest

This site is incorrectly mapped on the EDR report. Using the geographic coordinates provided in the UST database, the site is greater than 0.5-mile radius from the Subject Site.

Given the distance of this site from the Subject Site, this database listing is not considered a REC with potential to impact the Subject Property.

*= site incorrectly mapped

***Pats Place (LUST: S105764334; IMD: 9899)**

>1 mile west northwest

This site is incorrectly mapped on the EDR report. Using the geographic coordinates provided in the UST database, the site is greater than 1-mile radius from the Subject Site.

Given the distance of this site from the Subject Site, this database listing is not considered a REC with potential to impact the Subject Property.

*= site incorrectly mapped

***Locklear's Grocery / Country Store (LUST: S105764330; IMD: 7223)**

Unknown

This site is incorrectly mapped on the EDR report. According to the EDR report, the site is located 0.216-mile west and at a higher elevation from the Subject Site. The report indicates there was a LUST on this property that contaminated groundwater. There is no physical address or location noted on the electronic file associated with this incident, therefore the reported release cannot be confirmed or qualified.

Given that there is no location information available for this LUST, and the state closed the file, this reported release cannot be confirmed or qualified.

*= site incorrectly mapped

UST Database: The NC DEQ manages the registry of regulated USTs under Subtitle I of the RCRA. Available information varies by state program. This list is updated on an annual basis.

The UST database listed nine sites within a 0.25-mile radius of the Subject Site. Two sites were incorrectly mapped by EDR - one is over 0.25-mile radius of the Subject Site.

***Southern Belle-GLC 2C128 (UST: U001200195)**

<1/8 mile south southwest and higher elevation

This site is incorrectly mapped on the EDR report. The site is located at 105 Second Street, approximately 300 feet southwest from the Subject Property. It is an adjacent site (AT&T telecom equipment building) to the Subject Property across Jones Street. According to the EDR report, a single 550-gallon diesel tank was removed in 1996. Based on available aerial maps and historical information, this timing coincides with the demolition and rebuilding of the site structure. A 550-gallon Above-Ground Sub-Base Fuel Tank is now located at the site to fuel the emergency power generator (see photograph 9). No leaks associated with these tanks have been reported.

Given that there are no reported leaks associated with this site, this database listing does not present a REC with a potential to impact the Subject Site.

*= site incorrectly mapped

Pates Supply Company, Inc. (UST:U001198942)

<1/8 mile west northwest and higher elevation

According to the EDR report, this site is located 0.108-mile west northwest and at a higher elevation from the Subject Site. The report indicates one 500-gallon gasoline or gas mixture UST installed in 1956 was permanently closed in 1979. There is no additional information regarding the UST closure.

Given the time since this listing was closed, this database listing does not present a REC with a potential to impact the Subject Site.

Pembroke SOJO (UST: U001202939)

1/8 - 1/4 mile west southwest and higher elevation

According to the EDR report, this site is located 0.126-mile west northwest and at a higher elevation from the Subject Site. The report indicates there are four 6,000-gallon gasoline USTs, one 4,000-gallon diesel UST, and one 550-gallon oil UST on-site. The larger tanks were installed in 1979 and are reported “current”. The 550-gallon UST was installed in 1962 and is listed as “temporarily closed”. No leaks associated with these tanks have been reported.

Given that there are no reported leaks associated with this site, this database listing does not present a REC with a potential to impact the Subject Site.

Pembroke Sunoco (UST: U001187805)

1/8 - 1/4 mile west and higher elevation

According to the EDR, the site is located 0.145-mile west and at a higher elevation from the Subject Site. The report indicates there were two 3,000-gallon, one 4,000-gallon, and one 1,000-gallon USTs used to store gasoline. The tanks were installed in the late 1970s and removed in 1987. There are no reported leaks associated with these tanks.

Given that there are no reported leaks associated with this site, this database listing does not present a REC with a potential to impact the Subject Site.

Pembroke Service Station (UST: U003147130)

1/8 - 1/4 mile west and higher elevation

According to the EDR, the site is located 0.167-mile west and at a higher elevation from the Subject Site. The report indicates there were two 1,000-gallon, four 550-gallon, and one 4,000-gallon USTs used to store gasoline. The database shows the tanks were installed in 1964 and removed in 1992. There were no leaks associated with these tanks.

Given that there are no reported leaks associated with this site, this database listing does not present a REC with a potential to impact the Subject Site.

Pembroke Spirit (UST: U001197819)

1/8 - 1/4 mile west and higher elevation

According to the EDR, the site is located 0.175-mile west and at a higher elevation from the Subject Site. The report indicates there are three 10,000-gallon USTs used to store gasoline. The tanks were installed in 1985 and are listed as “current”. There have been no reported leaks associated with these tanks.

Given that there are no reported leaks associated with this site, this database listing does not present a REC with a potential to impact the Subject Site.

Locklears Performance Auto (UST: U001186639)

Alternate name: Roadrunner Service Station

1/8 - 1/4 mile west and higher elevation

According to the EDR report, the site is located 0.201-mile west and at a higher elevation from the Subject Site. This site originally had two 6,000-gallon gasoline USTs, installed in 1974; one 4,000-gallon gasoline UST, installed in 1980; and one 550-gallon kerosene UST installed in 1983. The two 6,000-gallon tanks were replaced in 1989 and then removed in 2016. The 4,000-gallon UST was replaced in 1993 and then grouted in place in 2016. The 550-gallon kerosene tank is listed as “permanently closed” in 1999. There was a leak reported in 2016 but the site was granted a status of No Further Action “NFA” on 8/2/2016.

Given the No Further Action “NFA” status granted by NC DEQ, and the lack of USTs on site, this database listing does not present a REC with a potential to impact the Subject Site.

MCI Communications (PNBRNC) (UST: U003563355)

1/8 - 1/4 mile west southwest and higher elevation

According to the EDR report, the site is located 0.216-mile west southwest and at a higher elevation from the Subject Site. The site had one 550-gallon diesel UST installed in 1986 and replaced in April 1994 with a 600-gallon diesel UST. There have been no leaks associated with these tanks.

Given that there are no reported leaks associated with this site, this database listing does not present a REC with a potential to impact the Subject Site.

***Pembroke Public Works (UST: U003146566)**

> 1/2 mile east and higher elevation

This site is incorrectly mapped on the EDR report. Using the geographic coordinates provided in the UST database, the site is greater than 0.5-mile radius from the Subject Site. The site is located 0.87-mile east and at a higher elevation from the Subject Site.

Given the distance of this site from the Subject Site, this database listing does not present a REC with a potential to impact the Subject Site.

*= site incorrectly mapped

5.1.3 Tribal Government

Although the Subject Site is not located on Tribal land, standard Tribal databases were reviewed by EDR to assess if any sites near the Subject Site are in these databases. The reviewed databases included INDIAN LUST Leaking Underground Storage Tanks on Indian Land (up to 0.5 mile), and INDIAN UST Underground Storage Tanks on Indian Land (up to 0.25 mile).

No sites on the reviewed tribal databases were identified within the above specified distances of the Subject Site.

5.2 Additional Environmental Record Sources

The Subject Site was not found in the searched additional environmental record sources.

The following additional records contained nearby sites within the relevant search radii.

5.2.1 Other Reviewed Databases and Records

EDR US Hist Auto Stat: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that might, in EDR's opinion, include gas station/filling station/service station establishments. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

*Pembroke Sunoco Service 1/8 - 1/4 mile west and higher elevation
The site is incorrectly mapped by EDR. This listing is the Pembroke Sunoco site located 0.145-mile west and at a higher elevation from the Subject Site. The report indicates the site operated as a fueling station since at least 1977. Two 3,000-gallon, one 4,000-gallon, and one 1,000-gallon USTs used to store gasoline were installed in the late 1970s and removed in 1987. There are no reported leaks associated with these tanks.
Given that the USTs were removed and there are no reported leaks associated with this site, this database listing does not present a REC with a potential to impact the Subject Site.

*= site incorrectly mapped

Water Wells: According to the EDR Radius report, there are five USGS, one Public Water Supply (PWS) and three North Carolina State wells identified within a 1-mile radius from the Subject Property (see EDR Summary Report, Appendix A). None of the wells identified within a 0.25-mile radius are listed as monitoring wells.

A search of the National Water Quality Monitoring website (<https://www.waterqualitydata.us/provider/NWIS/USGS-NC/>) shows two wells (USGS-344055079111001 and USGS-344055079111002) within a 1-mile radius. USGS-344055079111002 is located within 1/4 - 1/2 mile radius east northeast from the Subject Site and was last sampled in 1964 for water quality parameters. USGS-344055079111001 is located within 1/8 - 1/4 mile radius south southeast from the Subject Site and was last sampled in 1960 for water quality parameters.

Given the purpose of these wells, this database listing is not considered a REC for the Subject Site.

NC DEQ Website: A search of hazardous waste sites, inactive hazardous waste sites, dry cleaners, UST registered tanks, UST incidents, and NC State Brownfield sites was conducted on the NC DEQ website. (<https://deq.nc.gov/about/divisions/waste-management/waste-management-rules-data/waste-management-gis-maps/federal-remediation-sites>). No additional sites or information beyond that discussed in previous sections was available.

ECHO: A search of the USEPA Enforcement and Compliance History Online (ECHO) website. (<https://echo.epa.gov/facilities/facility-search/results>) showed no additional sites or information beyond that discussed in previous sections was available.

5.3 Local Environmental Record Sources

5.3.1 Local Environmental/Health Department

OTIE submitted an Open Records Request/ Environmental Permit Inquiry to the Robeson County Environmental Field Services Department for copies of records relating to environmental permits or regulations which may be on-file for the property (Appendix H). At the time this report was prepared, a response had not been received. Upon receipt and review of any response, OTIE will forward any pertinent information which changes the conclusions/recommendations of this assessment.

The lack of a response is considered a data gap. However, based on information obtained from other sources during the course of this assessment, the presence of this data gap does not appear to represent a significant data gap. Information deemed to be not pertinent will be archived in OTIE's files.

5.3.2 Fire Department

OTIE contacted the Town of Pembroke Fire Department for copies of records relating to fires at the Subject Property. At the time this report was prepared, a response had not been received. Upon receipt and review of any response, OTIE will forward any pertinent information which changes the conclusions/recommendations of this assessment.

The lack of a response is considered a data gap. However, based on information obtained from other sources during the course of this assessment, the presence of this data gap does not appear to represent a significant data gap. Information deemed to be not pertinent will be archived in OTIE's files.

5.3.3 Building Department

A Building Permit search was performed by EDR in association with the Subject Property for this assessment. According to the records reviewed, there were no building permits available on file for the Subject Property.

5.3.4 Planning & Zoning Department

According to Robeson County Government Tax Administration Record Search (https://maps2.roktech.net/ROKMAPS_Robeson/), the Property is zoned Commercial.

5.3.5 Electrical Utility Company

According to interviews, Lumbee River EMC currently provides electrical service to the property and surrounding areas.

5.3.6 Water and Sewer Utility

The Town of Pembroke System provides potable water utilities and sanitary sewer service to the Subject Property. The water used by this system (NC0378020) is groundwater from three wells (Well #5, Well #6, and Well #7) located in the town limits. One of the PWS wells for the system (Well #5 - 200 ft deep) is located 0.741-mile southwest from the Subject Property.

A review of the latest available Annual Drinking Water Quality Report Town of Pembroke Water System Number: 03-78-020 (2018) indicated that during the compliance period that ended in 2018, Town of Pembroke received a Disinfectants and Disinfection Byproducts (DBP) monitoring violation. The Notice of Violation (NOV) was issued September 18, 2018. Samples were taken on October 5, 2018 and the system was returned to compliance. A copy of this report is available in Appendix H.

5.3.7 Other Local Environmental Records Sources

No additional local environmental records sources were reviewed.

5.4 Physical Setting

5.4.1 Topography and Surface Hydrology

The topography of the project area was determined by review of the 5946489 Pembroke, NC 7.5-Minute Series Quadrangle 2013 USGS map. Topography at the Subject Site ranges from over 153 feet amsl at the eastern boundary of the Subject Site to 173 feet amsl at the northern boundary facing Blaine Street. Surface water flows to the southeast towards a ditch.

5.4.2 Geologic and Hydrogeologic Setting

The surface soils at the Subject Site are classified by the United States Department of Agriculture - Natural Resources Conservation Service (NRCS), formerly the Soil Conservation Service, as Rains, sandy loam textures. These are poorly drained, coarse-grained soil. Soils may have a saturated zone, a layer of low hydraulic conductivity, or seepage. The native soils surrounding the Subject Site consist of sandy loam (see EDR Summary Report in Appendix A).

The Subject Site is located within the Coastal Plain of North Carolina. The rock are defined by the Yorktown Formation, characterized by fossiliferous clay with varying amounts of fine-grained sand, bluish gray, shell material commonly concentrated in lenses; mainly in area north of Neuse River; and the Duplin Formation, characterized by shelly, medium- to coarse-grained sand, and sandy marl. Coastal Plain soils are commonly sandy clay loam sub-soils.

5.4.1 Other Physical Setting Sources

Flood Plain Map

The Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps (FIRMs), depicting the area where the property is located was reviewed as part of this assessment. According to the FIRM Community Panel Number 3710934300K, dated December 6, 2019, the

Subject Property is designated by FEMA as Zone X. Zone X is the area determined to be outside the 500-year flood and protected by levee from 100-year flood (Appendix H).

Wetlands Map

According to the United States Fish and Wildlife Service, the Subject Property is located on the National Wetland Inventory (NWI) Pembroke Quad. No federal wetlands are identified at the property (see EDR Summary Report in Appendix A; Appendix H)

5.5 Historical Use Information on the Subject Site and Vicinity

Property information from a variety of private and public sources was obtained to aid in developing a property history, including ownership and usage. The earliest record that includes the Subject Site and the vicinity that could be located is a 1938 aerial photograph.

Based on the information obtained during the Phase I ESA, as described in this report, the following Subject Site and vicinity history was developed.

Date or Time Frame	Subject Property Historical Uses	Surrounding Area Historical Uses
Prior to 1938	Based on aerial imagery, the Subject Site is undeveloped farm land. It is owned by A.M. Breece.	The surrounding area is mostly agricultural. Structures are located along Main Street and E. Third St. Main roads and railroad tracks are visible.
July 29, 1941	The Subject Property is sold to McNair Investment Company and Pates Supply Company Incorporated	Data Gap
June 24, 1942	The Subject Property is sold to Z.V. Pate Incorporated	Data Gap
By 1950	Based on aerial imagery, the Subject Property is developed with one large building (bulk storage building) on the eastern boundary of the property and one smaller building (herbicide/pesticide storage building) along the western property boundary.	The surrounding area is more developed within the Town of Pembroke. Some agricultural-use properties remain further north, east, and south of the Subject Property.
By 1958	Based on aerial imagery, two ASTs are visible on the Subject Property.	The surrounding area continues to develop.
By 1964	Based on aerial imagery, additional ASTs are visible on the Subject Property	The adjacent property to the west of the Subject Site across from Jones Street is developed with a structure.
May 1972	The Subject Property is sold to Pates Supply Company, Inc	Data Gap
By 1976	The Subject Site remains mostly unchanged.	The adjacent property to the east of the Subject Site (Maynard Manor) and the adjacent property to the southwest of the Subject Site across Jones Street are developed. Commercial development along 3 rd Street continues.
1977 - 1983		The surrounding area continues to develop.
April 3, 1990	Parcel 5001.01 is sold to Pembroke Bulk Oil	Data Gap
By 1993	The Subject Site remains mostly unchanged.	The buildings on the adjacent property to the west across Jones Street are razed.
By 1999		The vicinity of the Subject Site remains mostly unchanged.

Date or Time Frame	Subject Property Historical Uses	Surrounding Area Historical Uses
By 2006		The Pembroke Police Department building and the AT&T telecom equipment building are now visible on the adjacent property across Jones Street.
By 2014		The vicinity of the Subject Site remains mostly unchanged.
November 2015		
By 2016		
April 2017		
	EHC removes one 250-gallon UST used for fuel oil storage and completes a subsurface investigation to include soil and groundwater sampling.	
	Buildings on-site are razed and the ASTs are removed.	
	Mid-Atlantic completes a Limited Site Assessment to assess groundwater on-site.	

In summary, the reviewed records and information indicate the existence of RECs on the Subject Site and the surrounding area.

5.5.1 Sanborn Maps

Sanborn maps were unavailable for the Subject Site (Appendix E).

5.5.1 Historic Topographic Maps

Copies of historic topographic maps that include the Subject Site were obtained from EDR. Maps were obtained for the years 1972, 1982, 2002, and 2013 (see Appendix F). The following information was obtained from each map. The table below shows the information that was obtained for the Subject Site and the surrounding area.

Map Year And Type	Subject Property	Surrounding Area
Pembroke 1972 7.5' Quad Scale: 1:24000	The Subject Site is visible but the map does not show discerning features.	The surrounding area includes the railroad lines, main streets, nearby churches, and some residential dwellings. The map identifies Bear Swamp to the northeast, Watering Hole Swamp to the southeast, Lumber River to the southwest. The Sewage Disposal facility is visible to the southwest of the Subject Site.
Pembroke 1982 7.5' Quad Scale: 1:24000		The surrounding area is further developed. Structures are located on adjacent property to the east (Maynard Manor), and on a nearby property to the north beyond the railroad line (Strickland Heights).
Pembroke 2002 7.5' Quad Scale: 1:24000		The surrounding area remains unchanged from the 1982 map.
Pembroke 2013 7.5' Quad Scale: 1:24000		Features of the map do not include structures.

The reviewed historical topographic maps did not identify past uses indicating RECs on the Subject Site or surrounding area other than those already discussed in prior sections of this report.

5.5.2 Aerial Photographs

Copies of aerial photographs at varying scales were obtained from EDR (1938, 1950, 1958, 1964, 1971, 1976, 1983, 1993, 1999, 2006, 2009, 2012, and 2016). Copies of these aerial photographs are provided in Appendix G. The table below summarizes the information obtained from reviewing these photos.

Photo Year	Subject Property	Surrounding Area
1938 Scale: 1"=500' Photograph good quality	The Subject Property is mostly undeveloped. There is one small structure on the southwestern corner of the property fronting Jones Street.	The surrounding area is mostly agricultural. Structures are located along Main Street and E. Third St. Main roads and railroad tracks are visible.
1950 Scale: 1"=500' Photograph is fair to poor quality	The Subject Property is developed. Two structures are visible; one larger than the other.	The surrounding area is more developed. Structures are visible to the south of the Subject Property as well as throughout the Town of Pembroke. Some agricultural remain further north, east, and south of the Subject Property.
1958 Scale: 1"=500' Photograph is fair quality	The Subject Property now includes above ground storage tanks south of the easternmost structure.	The surrounding area is more developed.
1964 Scale: 1"=500' Photograph is fair to good quality	Additional ASTs are visible south of the easternmost structure.	The adjacent property to the west of the Subject Site across from Jones Street has a structure.
1971 Scale: 1"=500' Photograph is poor quality	Photograph is of poor quality and unusable.	
1976 Scale: 1"=500' Photograph is fair quality	There are no discernable changes to the Subject Site from the 1958 photograph.	The adjacent property to the east of the Subject Site is developed (Maynard Manor). The adjacent property to the southwest of the Subject Site now includes a structure. The Dial Terrace Public Housing development is present southwest from the site and there is more commercial development along 3 rd Street.
1983 Scale: 1"=500' Photograph is fair quality	There are no discernable changes to the Subject Site from the 1976 photograph.	The surrounding area is more developed. The Strickland Heights public housing complex is present to the northwest. Elementary school is present to the south of the Subject Site.
1993 Scale: 1"=500' Photograph is good quality	There are no discernable changes to the Subject Site from the 1983 photograph.	The buildings on the adjacent property to the west across Jones Street are no longer present. The area south of the Subject Site is developed with residential and municipal structures.
1999 Scale: 1"=500' Photograph is poor quality.	There are no discernable changes to the Subject Site from the 1993 photograph.	There are no discernable changes to the surrounding area from the 1993 photograph.
2006 Scale: 1"=500' Photograph is good quality	There are no discernable changes to the Subject Site from the 1999 photograph.	The Pembroke Police Department building is now visible on the adjacent property across Jones Street.

Photo Year	Subject Property	Surrounding Area
2009 Scale: 1"=500' Photograph is excellent quality	There are no discernable changes to the Subject Site from the 2006 photograph however the ASTs are easily visible. There are 3 large and 2 small ASTs.	There are minimal discernable changes to the surrounding area from the 2006 photograph. A large residential development is visible to the northwest of the Subject Site.
2012 Scale: 1"=500' Photograph is excellent quality	There are no discernable changes to the Subject Property from the 2009 photograph.	There are minimal discernable changes to the surrounding area from the 2009 photograph.
2016 Scale: 1"=500' Photograph is good quality	The two buildings on the Subject Property have been razed and the ASTs have been removed.	There are no discernable changes to the surrounding area from the 2012 photograph

The reviewed historical aerial maps identified past uses indicating RECs on the Subject Site.

5.5.1 Prior Reports

OTIE obtained a copy of the Limited Site Investigation Report dated April 26, 2017 for the Former Pembroke Oil Bulk Plant prepared by Mid-Atlantic on (Appendix D). It includes a copy of the GeoProbe Sampling and Underground Storage Tank Removal Letter Report dated December 15, 2015 for the Former Pates Supply prepared by EHC. The work was conducted on behalf of the Pembroke Oil Company and Pates Supply Company, respectively.

The Geoprobe Sampling and Underground Storage Tank report summarized the field activities associated with the removal of a 280-gallon UST used to store heating oil, and results of a preliminary subsurface investigation. A Ground Penetrating Radar (GPR) survey was conducted prior to UST removal in order to identify its exact location and to determine the presence of any remaining underground piping structures that could interfere with the subsurface investigation. Six (6) probe points were installed to a depth of 12 ft bgs within parcels 350601005 and 35060100501, and soil and groundwater samples were collected for determination of petroleum contamination. Analytical results identified petroleum impacted soil and groundwater on-site. Five of the six soil samples had TPH/GRO in exceedance of state notification levels. All six groundwater samples had benzene and naphthalene concentrations above the NCGWQS (1 µg/L and 6 µg/L, respectively). Three samples had concentrations of total xylenes in exceedance of the NCGWQS (500 µg/L) and two samples had concentrations of ethylbenzene in exceedance of the NCGWQS (µg/L).

The Limited Site Investigation Report summarized the field activities and findings of a groundwater assessment in potential areas of concern. The investigation focused on determining the presence of any chemical constituents related to the Subject Property's historical operations. Ten (10) temporary monitoring wells were installed and sampled for volatile organic compounds (VOCs), herbicides, pesticides, nitrate/nitrite-N, and/or ammonia-N. Laboratory results indicated the presence of vinyl chloride, 1,2-dichloroethane, benzene, methyl-t-butyl ether (MTBE), 4,4'-DDT, dieldrin, toxaphene, nitrate-nitrite-N, and ammonia-N at concentrations in exceedance of the NCGWQS.

The information reviewed indicates a REC based on observed evidence of releases.

5.5.2 Other Historical Sources

OTIE searched the digital collections of the State Archives of North Carolina and the State Library of North Carolina

(<https://digital.ncdcr.gov/digital/search/searchterm/Pates%20Supply/page/1>) for Pates Supply Company and Pembroke Oil Company.

- North Carolina Pesticide Report for 1973 lists the Pates Supply Company located at 118 Main Street, Pembroke, NC as a licensed pesticide dealer.
- North Carolina Pesticide Report for years 1974 - 1994 listed Pates Supply Company (PO Box 157, Pembroke, NC) as a licensed pesticide dealer.

The information reviewed indicates a REC on the Subject Site.

6.0 SITE RECONNAISSANCE

6.1 Methodology and Limiting Conditions

This Phase I ESA consists of reviewing readily available ownership, land use, and regulatory database information, and the results from a visual site reconnaissance to assess whether known or potential RECs are associated with the Subject Site. On February 12, 2020, Ms. Limari Krebs, of OTIE visited the Subject Site to observe and document environmental conditions at and in the vicinity of the Subject Site.

The site reconnaissance included inspection of the property, and a “fenceline” survey of the adjacent properties. The visual inspection included documentation of the presence or absence of RECs such as ASTs, USTs, fill areas, depressions, distressed vegetation, the presence of monitoring wells or past soil boring activity, and other potential indicators at the Subject Site and adjacent properties. Weather conditions were clear. Phase I ESA reconnaissance photos taken during the site visit are included in Appendix C.

6.2 General Site Setting

The Subject Site was observed to be a vacant property located in a mixed residential/commercial area within the city limits of Pembroke. It is bound by Blaine Street to the north beyond which is an active railroad line, Blaine Street to the east beyond which are residential properties, a ditch to the south beyond which are residential properties, and Jones Street to the west beyond which is the Pembroke Police Department and an AT&T telecom equipment building. A 2017 aerial photograph of the entire Subject Site is included in Figure 2.

The property was predominantly covered in grass. One unvegetated area was observed near the central portion of the property (see Photograph 3). This observation is considered a REC for the Subject Property.

6.3 Hazardous Substance Use, Storage, and Disposal

OTIE did not observe evidence of the use, storage or disposal of hazardous substances, including hazardous wastes, on the Subject Property.

6.4 Underground Storage Tanks

OTIE did not observe evidence of USTs on the Subject Property.

6.5 Aboveground Storage Tanks

OTIE did not observe evidence of ASTs on the Subject Property.

6.6 Other Petroleum Products

OTIE did not observe evidence of the use, storage or disposal of other petroleum products in, on or at the Subject Property.

6.7 Polychlorinated Biphenyls (PCBs)

OTIE did not observe evidence of the use, storage or disposal of PCB-containing equipment in, on or at the property.

6.8 Unidentified Substance Containers

OTIE did not observe evidence of unidentified substance containers on the Subject Property.

6.9 Nonhazardous Solid Waste

OTIE did not observe evidence of nonhazardous solid waste on the Subject Property.

6.10 Wastewater

OTIE did not observe evidence of generated, treated or discharged (including sanitary sewage and stormwater) on the Subject Property or to adjoining properties.

6.11 Waste Pits, Ponds and Lagoons

OTIE did not observe evidence of waste pits, ponds or lagoons in, on or at the Subject Property.

6.12 Drains and Sumps

OTIE did not observe evidence of drains and sumps on or at the Subject Property.

6.13 Septic Systems

OTIE did not observe evidence of a septic system on the property.

6.14 Stormwater Management System

OTIE did not observe any evidence of surface water, surface impoundments, retention ponds, and/or dry wells at the Subject Property. The stormwater either infiltrates the ground and/or flows over land to the ditch located along the southern boundary of the property. The ditch drains to Watering Hole Swamp.

6.15 Wells

OTIE did not observe evidence of wells at the Subject Property.

6.16 Windshield Survey Observations

The properties adjacent to the Subject Site were visually inspected from the edges of the Subject Site. The immediate surrounding properties were mostly residential dwellings. The Pembroke Police Department and the AT&T telecom equipment building are located immediately across Jones Street. Based on the available information for adjacent properties, and observations made during the windshield survey, there is no evidence of a historical or existing REC related to the adjacent properties that could pose a potential impact the Subject Site.

OTIE also performed a windshield survey of the facilities identified in the EDR report within the search radii as potential RECs related to residual contamination from the releases to impact the Subject Site. RECs were identified at these properties (See Section 5.1 and 5.2).

7.0 INTERVIEWS

Mr. James Oliver Tisdale, Jr., Company Agent for Pates Supply Company, was interviewed as the Subject Property representative on April 28, 2020 by Ms. Limari Krebs of OTIE.

Mr. Tisdale indicated that his knowledge of the Subject Site was based on his management of the disposal of the Pates Supply Company and Pembroke Bulk Oil properties beginning in 2013.

Mr. Tisdale stated the Subject Site was used as a bonded warehouse and a petroleum distribution terminal that serviced local filling stations. He was aware of two large ASTs and one UST previously located on-site; however could not confirm capacities or contents stored. The ASTs were removed and salvaged prior to building demolition. The UST was removed and properly disposed by EHC in 2015.

He stated that he was unaware of herbicides and pesticides stored on-site for commercial purposes but did state that Pates Supply had farming operations in the area. They could have used the Subject Site to store herbicides/pesticides used on those properties.

He said he was not aware of any environmentally-related use restrictions related to the Subject Site but knew there was confirmed soil and groundwater contamination reported by Mid-Atlantic in 2017.

8.0 SUBSURFACE VAPOR MIGRATION

OTIE conducted a limited screening for potential vapor encroachment conditions (VECs) that may affect the property. The VEC screening focused on the current and historical usage of the Subject Property and also utilized the aforementioned regulatory agency database report provided by EDR and an EDR Vapor Encroachment Screen (VES) Report to evaluate identified Chemicals of Concern (COCs), including petroleum hydrocarbons. To identify the area of concern (AOC) for contaminated sites with non-petroleum hydrocarbon COCs, OTIE utilized the approximate minimum search distance defined by ASTM E 2600-10 of 1,760 feet ($\frac{1}{3}$ mile) from the property boundary for COC-contaminated sites. For sites contaminated with petroleum hydrocarbon COCs, OTIE utilized the AOC approximate minimum search distance of 528 feet ($\frac{1}{10}$ mile). The AOC was adjusted accordingly based on review of physical setting characteristics, known release information, property and land features, groundwater flow direction, and soil type, et al.

OTIE considered the nature and extent of on-site and nearby sources of potential subsurface vapor migration by evaluating the current and historical usage of the property, the construction type and history, the physical setting, and the potential sources of subsurface vapor migration through the review of regulatory agency database information that was summarized in Section 5.1. Based on the evaluation of the known or suspected releases of hazardous substances, historical site operations or petroleum product storage/usage, distance from the property, potential pathways, shallow groundwater and soil type, et al, potential subsurface vapor migration sources were determined to represent a REC in connection with the property.

9.0 OTHER ENVIRONMENTAL CONDITIONS

9.1 *Asbestos-Containing Material (ACM)*

Based on the scope of work for this ESA, sampling and analyses for ACM was not conducted. There are no building structures on the Subject Property so ACM is not a concern.

9.2 *Radon*

Radon is a naturally occurring colorless, odorless gas that is a by-product of the decay of radioactive materials potentially present in bedrock and soil. The USEPA guidance action level for annual residential exposure to radon is 4.0 picoCuries per liter of air (pCi/L). The guidance action level is not a regulatory requirement for private owners of commercial real estate, but is commonly used for comparison purposes to suggest whether further action at a building may be prudent.

OTIE's review of published propensity data revealed that the Subject Property is located in ROBESON Radon Zone 3, which indicates that the average indoor level of radon is predicted to be < 2.0 pCi/L. Specific published data from the state database compiled by EDR for Robeson County showed that of 100 percent of 1 indoor test results were below 3.0 pCi/L. Specific published data from the federal database compiled by EDR for zip code 28372 showed that 100 percent of the one indoor test results were below the referenced USEPA Standard of 4.0 pCi/L. The activity measured was 0.300 pCi/L for the Living Area – 1st Floor.

Based on the use of the property, no additional investigation for radon is recommended at this time.

9.3 *Lead in Drinking Water*

OTIE confirmed with Town of Pembroke that the municipally-supplied water meets all drinking water standards for lead. A search of the ECHO database confirmed this information.

9.4 *Lead-Based Paint (LBP)*

Consideration of LBP on painted surfaces was not included in the scope of work for this ESA.

9.5 *Mold Screening*

Consideration of mold was not included in the scope of work for this ESA.

9.6 *Additional User Requested Services*

No additional User requested services were included in the scope of work for this ESA.

10.0 REPORT FINDINGS

The following represents findings from completion of the Phase I ESA. In summary, the above Phase I ESA findings indicate the presence of current and historic RECs on the Subject Property and in nearby adjacent property with potential to impact the Subject Site.

10.1 On-Site

Based on available records dating from 1938 until 2017, the Subject Site, referred to as Pates Supply Company, is located at 2 Jones Street, Pembroke, Robeson County, North Carolina, and comprised of three parcels, was purchased in 1941 by the Pates Supply Company and developed with two warehouse buildings. One of the parcels was sold to Pembroke Oil Company in 1990.

The Subject Property is currently vacant but historically operated as a bulk storage facility and a petroleum distribution terminal. The facility maintained a bulk storage warehouse, an herbicide/pesticide storage building, and petroleum ASTs. Based on information provided through database searches and interviews, operations are thought to have ceased sometime between 2009 and 2013. Infrastructure on the site was demolished in 2017.

Based on the known history of the Subject Property and a review of the available information, the following RECs were identified on the Subject Property:

- The facility operated a petroleum distribution terminal that serviced local filling stations. Several large ASTs were used on-site to store petroleum products. Information on the storage capacity and specific materials stored is unavailable.
- Pates Supply Company was a licensed pesticides dealer that stored herbicides and pesticides on the Subject Property; however information regarding specific chemicals stored and operational practices for managing the materials is unavailable.
- Environmental investigations conducted at the site in 2015 and 2017 indicate a petroleum and pesticide release to soil and groundwater on-site. GRO concentrations detected in soil exceeded the state notification concentrations. Naphthalene, benzene, ethylbenzene, total xylenes, MTBE, vinyl chloride, 1,2-dichloroethane, 4,4'-DDT, toxaphene, nitrate-nitrite-N, and ammonia-N exceeded NCGWQS.

Additionally, based on the evaluation of the known or suspected releases of hazardous substances, historical site operations and petroleum product storage/usage, distance from the property, potential pathways, shallow groundwater and soil type, et al, potential subsurface vapor migration sources were determined to represent a REC in connection with the property.

10.2 Off-Site

The immediate adjacent properties consist of residential properties to the east and south; a municipal property and telecom equipment building to the west; and an active railroad line to the north. None of these immediate boundary properties were observed to have apparent RECs.

The vicinity of the Subject Site is comprised of residential and commercial properties. Evidence exists of RECs related to residual contamination from suspected or actual releases at four nearby properties located at a higher elevation from the Subject Site.

- < 1/8 mile north northwest from the Subject Site was a former gas station (Glenn's Quick Stop) listed in the LUST database. In July 1997, elevated concentrations of petroleum constituents were found in soil and groundwater following the removal of the two 6,000-gallon USTs on-site. The site was given a tentative classification of "CDE" by the Division of Water Quality. No further information was available regarding remedial actions taken on-site.
- 1/4 - 1/2 mile west northwest from the Subject Site
 - Pembroke Farm Home & Garden. A confirmed release of benzene, ammonia, and nitrate to groundwater was documented in 2016 and 2017. Inactive Hazardous Waste Sites Branch granted the RP permission to enter into the State's Voluntary Cleanup Program however, due to lack of remedial action by the RP, the site was listed on the NC Inactive Hazardous Waste Sites on May 16, 2019.
 - The Pantry 3134 is an active fueling station with a lengthy regulatory history involving significant soil and groundwater contamination from a LUST reported in June 23, 2003. Abatement actions have included the removal of free product; however, due to access issues associated with neighboring property owners, the plume is yet to be defined. Clean up actions are ongoing.
 - Chavis Property, listed as a US Brownfield. It is currently a vacant lot but previously operated as Freeman Auto Sales and Pates Supply. A 250-gallon UST used to store gasoline was removed in 2009. A Phase I ESA was completed on September 19, 2009; however information regarding RECs identified was unavailable for review.

Additional RECs related to data gaps were identified as follows:

- 1/4 - 1/2 mile north northwest from the Subject Site is Strickland Heights, listed as a US Brownfield. It is currently a 29-acres property comprised of multi-family residential units owned and operated by the Pembroke Housing Authority. A Phase I ESA was completed on July 17, 2009; however information regarding RECs identified was unavailable for review.
- 1/4 - 1/2 mile west from the Subject Site is Dial Terrace, listed as a US Brownfield. It is currently an 8.8-acres property comprised of multi-unit apartment complexes owned and operated by the Pembroke Housing Authority. A Phase I ESA was completed on June 4, 2009; however information regarding RECs identified was unavailable for review.
- 1/8 - 1/4 mile west southwest from the Subject Site is Sheff's Seafood & Company Store, listed as a US Brownfield. It is currently operated as a restaurant but previously operated as a lumber warehouse. A Phase I ESA was completed on November 30, 2007; however information regarding RECs identified was unavailable for review.

10.3 Other

No other findings were discovered during the course of this Phase I ESA.

11.0 OPINION

In OTIE's professional opinion, known or suspected RECs are located on the Subject Site. Further evaluation of their potential significance is provided below.

Soil and groundwater contamination is documented at the Subject Site as a result of a release from one or more of the following potential sources:

- A UST used for heating oil formerly located on the Subject Site.
- ASTs used to store petroleum product formerly located on the Subject Site.
- Herbicide and pesticide storage on the Subject Property.

Additionally, there is evidence of impact to groundwater from nearby properties located at a higher elevation from the Subject Property. Residual contamination from suspected or actual releases at Glenn's Quick Shop, Pembroke Farm Home & Garden, The Pantry 3134, and Chavis Property could be present on-site.

To further evaluate environmental issues associated with the identified RECs at the Subject Site, OTIE recommends that further soil and groundwater assessment be completed on the Subject Property to determine the extent of the impact of on-site releases and whether off-site releases from nearby properties have impacted the Subject Site.

12.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

On February 12, 2020, OTIE completed a Phase I ESA for the USEPA on behalf of the Town of Pembroke. This work was performed by the undersigned environmental professional. Qualifications are provided in the following section of this report.

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of this part.

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.



04/28/20

Limari Krebs

Date

Senior Environmental Chemist
Author



04/29/20

Ryan Stubbs

Date

Senior Environmental Scientist
Reviewer

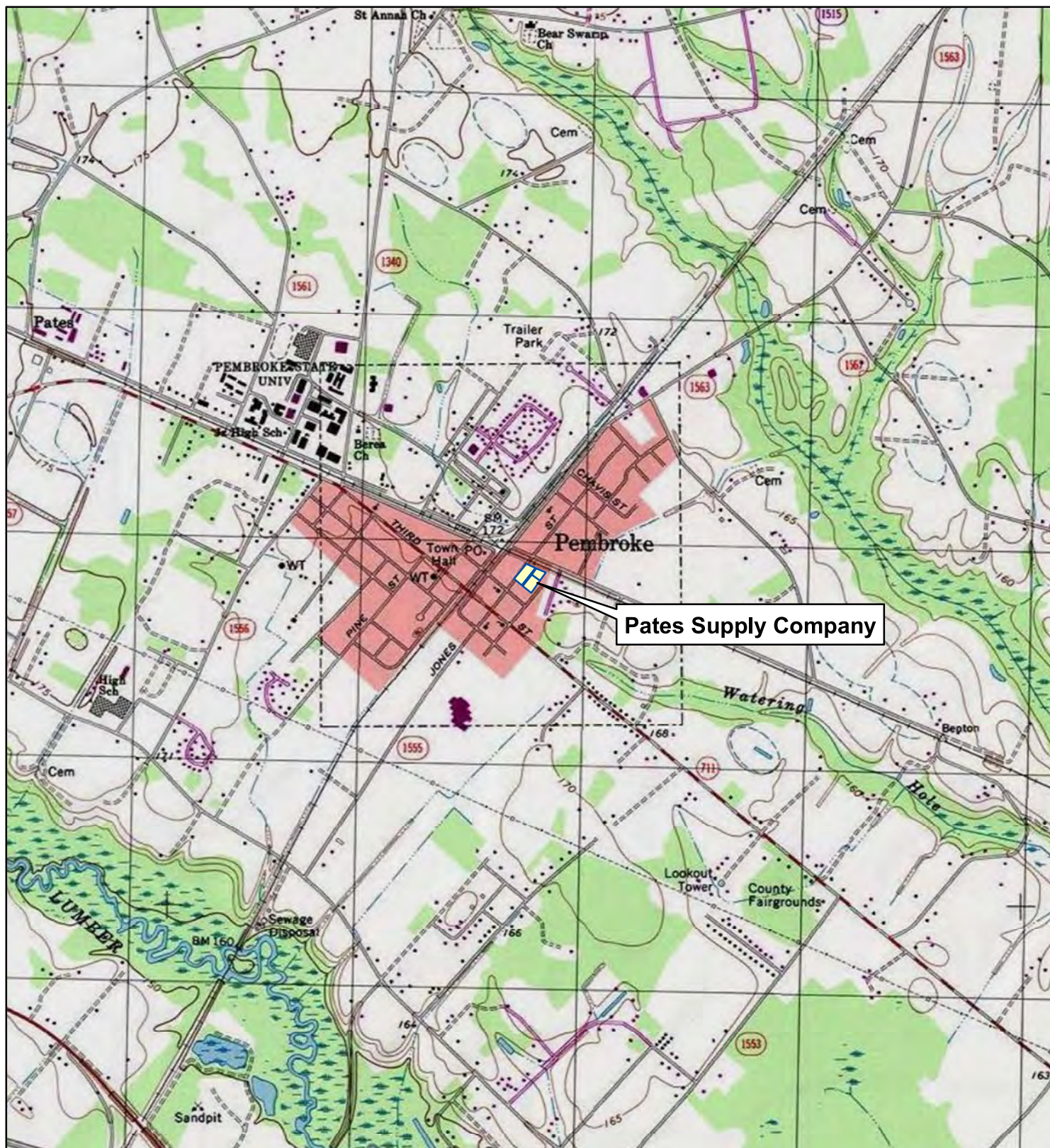
13.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL

Limari Krebs

Senior Environmental Chemist

Ms. Krebs has a Bachelor's Degree in Chemist with over 20 years' experience as a project manager, senior chemist, and quality assurance/quality control manager in the environmental industry. Her experiences include regulatory compliance support; due diligence investigations; insurance underwriting support; asbestos related activities; emergency response support; site assessment investigations; litigation support; data quality development, management and interpretation support; risk assessment support; and procurement. Ms. Krebs also has extensive experience with suspect asbestos containing materials and Phase I and II assessments for targeted brownfields sites.

FIGURES



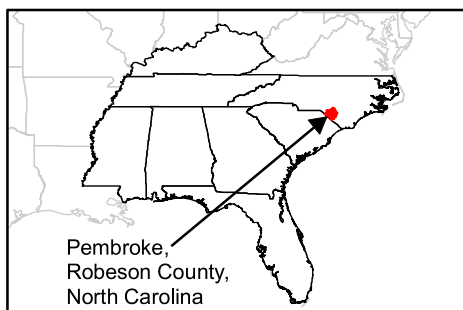
TOPOGRAPHIC SOURCE: ARCGIS ONLINE, USA TOPO MAPS DATA

Disclaimer: This map is intended for visual orientation use only.
In no way is this map to be used for precise locational use.

Legend

 Site Property Parcel

0 2,000 4,000 Feet



United States Environmental Protection Agency

PATES SUPPLY COMPANY
PEMBROKE, ROBESON COUNTY,
NORTH CAROLINA
TDD: 0006/OT-06-022

FIGURE 1
TOPOGRAPHICAL MAP





Brownfields Data Gap Assessment Report

Former Pembroke Bulk Oil Plant

December 15, 2023 | Project Number: 70237084

Brownfields Project Number 24024-20-078

USEPA Cooperative Agreement 02D31722



Nationwide
[Terracon.com](https://www.terracon.com)

- Facilities
- Environmental
- Geotechnical
- Materials

December 15, 2023

Town of Pembroke
PO Box 866
Pembroke, North Carolina 28372

Attn: Tyler W. Thomas
P (910) 521-9758
E tyler@pembrokenc.com

RE: Brownfields Data Gap Assessment
Former Pembroke Oil Bulk Plant
South Jones Street and Blaine Street
Pembroke, Robeson County, North Carolina
Brownfields Project Number 24024-20-078
USEPA Cooperative Agreement 02D31722
Terracon Project No. 70237084

Dear Mr. Thomas:

Terracon Consultants, Inc. (Terracon) is pleased to submit our Brownfields Data Gap Assessment report completed at the referenced site. The assessment was completed in accordance with Terracon's Site-Specific Quality Assurance Project Plan (SSQAPP) – Addendum 1A, Revision 1, dated April 19, 2023, and Addendum A to the Site-Specific Quality Assurance Project Plan Addendum 1A, Revision 1 dated June 27, 2023.

Sincerely,

Terracon



for:

Chelsea A. Parra, G.I.
Field Geologist

Hayley Irick, P.G.
Brownfields/Due Diligence Group Manager



Justin L. Fabriziani, RSM
Raleigh Office Manager



Christopher Bartley
Regional Services Specialist

Table of Contents

1.0	INTRODUCTION	1-1
1.1	Site Information.....	1-1
1.2	Sampling Plan Development	1-3
1.3	Assessment Goals	1-3
1.4	Standard of Care.....	1-3
1.5	Additional Scope Limitations	1-4
1.6	Reliance	1-4
2.0	FIELD ACTIVITIES AND METHODS.....	2-4
2.1	Utility Clearance and Ground Penetrating Radar Survey	2-5
2.2	Brownfields Receptor Survey	2-5
2.3	Soil Investigation	2-5
2.4	Groundwater Investigation	2-6
2.5	Active Soil Gas Investigation	2-7
2.6	Passive Soil Gas Investigation.....	2-9
2.7	Investigation Derived Waste	2-10
2.8	QA/QC	2-10
3.0	ASSESSMENT RESULTS.....	3-10
3.1	Soil Investigation Results	3-10
3.2	Groundwater Investigation Results	3-12
3.3	Active Soil Gas Analytical Results	3-12
3.4	Passive Soil Gas Analytical Results	3-13
4.0	QUALITY ASSURANCE/QUALITY CONTROL	4-13
4.1	Site-Specific Corrective Actions.....	4-13
4.2	Quality Control Parameters.....	4-13
4.3	Precision and Accuracy.....	4-14
4.3.1	Precision	4-14
4.3.2	Accuracy	4-14
4.3.3	Representativeness	4-15

4.3.4	Completeness.....	4-15
4.3.5	Comparability	4-16
4.3.6	Sensitivity	4-16
4.3.7	Laboratory Data Evaluation	4-17
4.3.8	Qualitative Data – Restricted Data	4-17
4.3.9	Quantitative Data – Unrestricted Data	4-18
5.0	FINDINGS AND CONCLUSIONS	5-19
6.0	RECOMMENDATIONS	6-19
7.0	REFERENCES	7-20
Appendix A	Boring Logs, Sampling Logs, Field Notes, and Photo Log	A-23
Appendix B	Brownfields Receptor Survey.....	B-24
Appendix C	Laboratory Analytical Reports and Chain-of-Custody Records	C-26
Appendix D	Risk Calculator Results	D-27

List of Tables

Table 1 Well Construction Details and Fluid Level Gauging Data

Table 2 Summary of Soil Analytical Results

Table 3 Summary of Groundwater Analytical Results

Table 4 Summary of Active Soil gas Analytical Results

Table 5 Summary of Passive Soil gas Analytical Results

Table 6 Historical Fluid Level Gauging Data

List of Figures

Figure 1 Topographic Vicinity Map

Figure 2 Site Layout

Figure 3 Groundwater Elevation Map

BROWNFIELDS DATA GAP ASSESSMENT
FORMER PEMBROKE BULK OIL PLANT
PEMBROKE, ROBESON COUNTY, NORTH CAROLINA
BROWNFIELDS PROJECT NUMBER 24024-20-078
USEPA COOPERATIVE AGREEMENT 02D31722
TERRACON PROJECT NO. 70237084
Revision 1

1.0 INTRODUCTION

Terracon Consultants, Inc. (Terracon) completed a Data Gap Assessment at South Jones Street and Blaine Street in Pembroke, Robeson County, North Carolina (the site). A topographic vicinity map and site layout can be found in **Figure 1** and **Figure 2**, respectively. The work was performed in accordance with our Site-Specific Quality Assurance Project Plan (SSQAPP) – Addendum 1A, Revision 1, dated April 19, 2023, and Addendum A to the Site-Specific Quality Assurance Project Plan Addendum 1A, Revision 1 dated June 27, 2023. The SSQAPP and Data Gap Assessment were completed with funding from the North Carolina Department of Environmental Quality (NCDEQ) MARC Grant in accordance with U.S. Environmental Protection Agency (EPA) Cooperative Agreement No. 02D31722.

1.1 Site Information

Site Description

Site Name	Former Pembroke Bulk Oil Plant
Site Location/Address	South Jones Street and Blaine Street, Pembroke, Robeson County, North Carolina
Land Area	Approximately 2.0-acres (Robeson County Parcel #350601004, 350601005, and 35060100501)
Site Improvements	The site consists of vacant and cleared grassy land.

At the time of the site assessment, the site was vacant cleared grassy land as the prior buildings have been razed. Terracon understands that the site is proposed to undergo redevelopment and the specific site reuse is intended to be a community center. Based on

a review of the historical information, the site was cleared apparent agricultural land until 1941, when the site was purchased by Pates Supply Company, Inc and developed with several bulk storage buildings. According to historical aerial imagery, above ground storage tanks (ASTs) were installed at the site by Pembroke Oil Company, Inc. During operation, the site was maintained with a storage warehouse, an herbicide/pesticide storage building, and petroleum ASTs. The site reportedly operated as a petroleum distribution facility that serviced local filling stations, and the majority of site operations ceased between 2009 to 2013. The on-site buildings and ASTs were demolished and/or removed from the site in 2017.

In November 2015, Environmental Hydrogeological Consultants, Inc (EHC) completed the removal of an approximate 280-gallon underground storage tank (UST). EHC collected soil and groundwater samples in the vicinity of the UST and ASTs, with several petroleum-related volatile organic compounds (VOCs) detected in the groundwater samples above the North Carolina Administrative Code (NCAC) 2L Groundwater Quality Standards (2L Standards). Total Petroleum Hydrocarbon (TPH) Diesel Range Organics (DRO) were detected in several soil samples above the NCDEQ Action Level of 100 milligrams per kilogram (mg/kg).

In April 2017, Mid-Atlantic Associates, Inc. (MAA) completed a Limited Site Investigation (LSI) of the site for Pembroke Oil Company. The LSI included groundwater sampling in the vicinity of the former storage buildings and ASTs. The LSI identified several VOCs, pesticides, ammonia, and nitrate-nitrite above 2L Standards in multiple groundwater samples.

In April 2020, Oneida Total Integrated Enterprises (OTIE) completed a Phase I Environmental Site Assessment (ESA) on behalf of the USEPA. The Phase I ESA identified the following as on-site recognized environmental conditions (RECs):

- Several former on-site petroleum ASTs;
- Lack of information associated with Pate Supply Company's herbicide and pesticide inventory and management practices;
- Release of petroleum and pesticides on site as identified in the 2015 and 2017 assessments by EHC and MAA, respectively;
- Four off-site upgradient facilities with documented releases that represented RECs based on distance and elevation relative to the site; and
- Data gap due to inability to review files for three off-site facilities with possible release.

In March 2021 a Request for Additional Assessment (RFAA) was issued from NCDEQ Brownfields Program to the Town of Pembroke to evaluate data gaps in soil, groundwater,

and soil gas in the location of former ASTs, former storage buildings, future planned building, and other areas with visual signs of contamination.

In November 2021, S&ME, Inc. prepared a Work Plan for Additional Assessment (WPAA), however, additional environmental investigation was not performed on site.

1.2 Sampling Plan Development

Based on information from previous investigations, an SSQAPP was developed, which included a limited conceptual site model (CSM). Terracon's CSM identified the constituents of concern (COCs) as VOCs, semi-volatile organic compounds (SVOCs), RCRA 8 metals, and hexavalent chromium. The following were identified as potential source areas for COCs and targeted for assessment:

- Former ASTs;
- Former bulk oil storage building; and
- Former herbicide/pesticide storage building.

1.3 Assessment Goals

The principal objective of this investigation is to provide analytical data to investigate the potential presence of COCs in soil, groundwater, and soil gas at the site at concentrations exceeding North Carolina's regulatory levels for each media as listed below.

- **Soil:** NCDEQ Preliminary Soil Remediation Goals (PSRGs).
- **Ground Water:** North Carolina Administrative Code 2L Groundwater Quality Standards (2L Standards).
- **Soil Gas:** NCDEQ Division of Waste Management Vapor Intrusion Sub-slab and Exterior Soil Gas Screening Levels (SGSLs).

The data and their interpretation will answer the question:

Based on quantitative soil, groundwater, and soil gas sample data, does impacted environmental media pose a risk to human health and the environment, and is additional assessment or remediation necessary?

1.4 Standard of Care

Terracon's services were performed in a manner consistent with generally accepted practices of the profession undertaken in similar studies in the same geographical area

during the same time. Terracon makes no warranties, either express or implied, regarding the findings, conclusions, or recommendations. Please note that Terracon does not warrant the work of laboratories, regulatory agencies, or other third parties supplying information used in the preparation of the report. These data gap assessment services were performed in accordance with the scope of work agreed with you, our client, as reflected in our proposal and were not restricted by ASTM E1903-19.

1.5 Additional Scope Limitations

Findings, conclusions, and recommendations resulting from these services are based upon information derived from the on-site activities and other services performed under this scope of work; such information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, non-detectable, or not present during these services. We cannot represent that the site contains no hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those identified during this data gap assessment. Subsurface conditions may vary from those encountered at specific borings or wells or during other surveys, tests, assessments, investigations, or exploratory services. The data, interpretations, findings, and our recommendations are based solely upon data obtained at the time and within the scope of these services.

1.6 Reliance

This assessment report has been prepared for the exclusive use of the Town of Pembroke and NCDEQ. Any authorization for use or reliance by any other party (except a governmental entity having jurisdiction over the site) is prohibited without the express written authorization of the Town of Pembroke and Terracon. Any unauthorized distribution or reuse is at the client's sole risk. Notwithstanding the foregoing, reliance by authorized parties will be subject to the terms, conditions and limitations stated in this report, and the Professional Services Contract between Terracon and NCDEQ.

2.0 FIELD ACTIVITIES AND METHODS

Terracon conducted the fieldwork from June 12 to 15, 2023, July 20, 2023, and August 3, 2023. Fieldwork was conducted under a site-specific Health and Safety Plan (HASP), dated May 11, 2023, developed by Terracon for this project. The HASP was reviewed by field personnel prior to field work. Copies of the HASP were maintained on-site and made available to personnel throughout the sampling activities. Work was performed using United States Environmental Protection Agency (USEPA) Level D work attire consisting of hard hats, safety glasses, protective gloves, and protective boots.

2.1 Utility Clearance and Ground Penetrating Radar Survey

Prior to investigation activities, Terracon submitted a public utility locate request North Carolina 811. In addition, a Terracon geophysicist used ground penetrating radar (GPR) and electromagnetic (EM) technologies to locate and mark underground utilities in the vicinity of proposed sample locations. Anomalies were not detected that required modification of initially proposed sample locations.

2.2 Brownfields Receptor Survey

On June 14, 2023, Terracon completed a walking receptor survey within a 500-foot radius of the site. Additionally, Terracon reviewed water supply well permits and locations and residences within 1,000 feet of the site using Robeson County GIS. The Brownfields Receptor Survey and map can be found in **Appendix B**.

2.3 Soil Investigation

Seventeen total soil samples were collected at the site. Soil Samples SB-01 through SB-08 and TB-03 were collected on June 14, 2023, SB-09 through SB-13, TB-01, and DUP-SB were collected on June 12, 2023, and samples SB-14 through SB-17 and TB-02 were collected on June 13, 2023.

Soil samples were collected in accordance with NCDEQ, Division of Waste Management (DWM), Superfund Section, Inactive Hazardous Sites Branch (IHSB), *Guidelines for Assessment and Cleanup* from a variety of depths ranging from 0.5 feet to 10 feet below land surface (bls). Soils were collected from the boring via a Macro-Core® sampler. Soil characteristics including soil type, color, moisture, and odor were observed in the field and recorded on boring logs (**Appendix A**). The soils were screened in the field for the presence of organic vapors using a Photoionization Detector (PID). Soil samples were submitted for laboratory analysis of:

- VOCs via EPA Method 8260; and
- SVOCs via EPA Method 8270.

SB-02, SB-03, SB-06, SB-07, SB-09 through SB-14, SB-16, SB-17, and DUP-SB were also analyzed for:

- RCRA 8 Metals via EPA Methods 6010 and 7471.

Additionally, SB-09 through SB-13 and DUP-SB were analyzed for:

- Organophosphorus Herbicides via EPA Method 8081 and Organochloro Pesticides via EPA Method 8141.

2.4 Groundwater Investigation

Terracon oversaw installation of six permanent monitoring wells (MW-01 through MW-06). Borings for monitoring wells were advanced using DPT drilling techniques by a North Carolina-licensed driller. Monitoring wells were installed in accordance with USEPA region 4 Science and Ecosystem Support Division (SESD) guidance, *Design and Installation of Monitoring Wells*. The monitoring wells were installed between June 12, 2023 and June 14, 2023 at depths between 14 and 18 ft bls. Following installation, the wells were allowed to equilibrate for at least 24 hours prior to development. Well construction details are summarized on **Table 1** and as follows:

- 10 feet of 2-inch diameter, 0.010-inch slotted PVC screen with a threaded cap (MW-05 used a 15-ft screen);
- 2-inch diameter, threaded, flush-joint PVC riser pipe to surface;
- Pre-sieved 20/40 grade silica sand to approximately 1 foot above the well screen; and
- Hydrated bentonite chips approximately 1 foot on top of the sand pack.

Prior to purging and sampling, depth to water was measured using an electronic water level meter that was decontaminated using Liquinox® wash and distilled water rinse before and after use at each well. Terracon staff also measured the relative top of casing (TOC) elevations of groundwater monitoring wells to a common arbitrary datum assigned an elevation of 100 feet. Terracon recorded the depth-to-groundwater measurements and calculated elevations to the nearest 0.01 foot (**Table 1**). The TOC elevations and depth-to-water elevation data were used to obtain generalized values for groundwater flow direction and gradient at the site (**Figure 3**).

Groundwater samples were collected in accordance with IHSB *Guidelines For Assessment and Cleanup* between June 14, 2023 and June 16, 2023. Prior to sampling, the monitoring wells were allowed to equilibrate for 24 hours following development, then purged using a peristaltic pump and dedicated polyethylene tubing and sampled. Water purged from the wells was stored in steel 55-gallon drums staged on-site pending receipt of laboratory data. During the purging process, the field parameters of temperature, pH, dissolved oxygen, oxidation-reduction potential, turbidity, and conductivity were measured on approximate 5-minute intervals. Groundwater samples were collected after the field parameters pH and conductivity stabilized. Water quality was considered stable if for at least three consecutive readings:

- pH measurements remained within 0.1 Standard Unit (SU); and
- conductivity measurements were within approximately 10 percent.

Terracon reduced turbidity in the monitoring wells by purging at least ten well volumes before sampling. Turbidity was reduced below 10 Nephelometric Turbidity Units (NTU) prior to sampling. Samples were collected directly into laboratory-provided sample containers and stored on ice pending shipment to Eurofins Environment Testing Southeast, LLC for laboratory analysis. The samples were submitted for analysis of:

- VOCs via EPA Method 8260D;
- SVOCs via EPA Method 8270E;
- RCRA 8 Metals via EPA Method 6010D; and
- Mercury via EPA Method 7471B.

Additionally, samples collected from MW-2 were analyzed for the following:

- Organochlorine Pesticides via EPA Method 8081B; and
- Organophosphorus Herbicides via EPA Method 8141B.

2.5 Active Soil Gas Investigation

Terracon installed a total of four temporary soil gas sampling points (SG-01 through SG-04) in the following locations:

- SG-01 in the area of the former ASTs;
- SG-02 and SG-03 in the footprint of the future building; and
- SG-04 in the area of the former bulk storage building.

The number of samples was reduced from six to four as documented and approved in the SSQAPP Addendum dated June 27, 2023.

The soil gas points were constructed in general accordance with the practices outlined in the NCDEQ Division of Waste Management Vapor Intrusion Guidance (March 2018) and the Interstate Technology Regulatory Council Vapor Intrusion Pathway: A Practical Guideline (January 2007).

The temporary vapor points were constructed in boreholes advanced using a drill rig equipped with Direct Push Technology (DPT) to advance through subsurface. The soil gas sampling points were constructed as follows:

- Installation of six-inch stainless-steel screen attached to Teflon[®]-lined tubing at the bottom of the borehole;

- Teflon®-lined tubing from the bottom of the borehole to the ground surface;
- Addition of approximately 1-foot of pre-sieved 20/40 grade silica sand for annular sand pack around the vapor screen; and
- Addition of granular bentonite in the annular space above the sand pack to ground surface.

Due to shallow groundwater encountered at approximately 4 feet bls. Terracon installed the temporary vapor points less than the required 5 feet, at a depth of approximately 3.5 feet bls. NCDEQ instructed Terracon to proceed with the installation of the soil gas points in areas with evidence of contamination to depths within approximately 1-foot of the top of the groundwater table.

Soil gas points were allowed to equilibrate for at least 24 hours prior to sample collection.

A shut-in (dead-head) test was conducted before sampling to check for leaks in the above-ground purge/sampling manifold. The flow controller influent was capped, and a hand pump was used to induce a negative pressure reading on the manifold pressure gauge. If there was an observable loss of vacuum, the fittings were adjusted until the vacuum in the sample train did not noticeably dissipate.

For each soil gas sample point, a 0.25-inch outside diameter Teflon® lined tube and Swagelok® fittings were used to connect the monitoring point assembly to a laboratory-supplied, batch-certified 1.0-liter Summa® canister. A helium tracer test was conducted prior to collecting the sample. The tracer test serves as a quality assurance/quality control (QA/QC) method to verify the integrity of the soil gas point seal in addition to the connection of the sampling manifold and the soil gas point. An MGD-2002 helium detector capable of measuring helium concentrations down to 25 parts per million was used to verify the presence and concentration of helium in the sample points and/or within the sampling manifolds.

The protocol for using a tracer gas is to enclose the entire sampling train including tubing and ground interface within a shroud and enrich the shroud atmosphere to at least ten (10) percent helium. A purging device (GilAir pump) was situated inside the shroud and connected to the sampling train by Teflon® lined tubing running through the shroud. New, disposable Teflon® lined tubing was used for each point. A minimum of three volumes of the gas point annulus and attached Teflon® lined tubing was purged. The purge rate did not exceed 200 milliliters per minute (ml/min). Purged soil gas was directed to a Tedlar bag at the end of each purge volume. Purged soil gas in the Tedlar bag was then screened for helium to assess for leaks in the sampling point seal by inserting an MGD-2002 helium detector into the Tedlar bag. Purged soil gas was also screened with a PID (miniRAE 3000) to assess for VOCs. The shroud helium concentration and the helium concentration in the purged soil gas was documented after each volume purged.

Sample collection began after the tracer testing confirmed helium concentrations in the gas point were less than or equal to 5-percent of the helium concentration in the shroud indicating a sufficiently sealed gas point annulus.

After completion of the helium tracer test, the valve of the purge device was closed, and the sample canister valve was opened to collect soil gas for laboratory analysis. The sample was collected in a laboratory supplied batch certified 1.0-liter Summa® canister connected to sample tubing using Swagelok® fittings at the soil gas point. Summa® canisters were observed to have vacuum pressures less than 10% of the initial recorded laboratory vacuum. Each sample canister was filled using a dedicated flow controller set to a sample rate of less than or equal to 200 ml/min. Each sample collection duration ranged from 4 to 8 minutes. An in-line vacuum gauge was installed to the sample controller to verify initial vacuum levels within the canister and as an indicator that the target final pressure had been reached (i.e. sampling is complete). The sample canister valve was closed when the gauge measured less than -6 inches in Hg vacuum. The final vacuum was not allowed to reach less than -5 inches Hg vacuum. After completion of the soil gas sampling activities, the soil gas points were abandoned by removing the tubing and capping each point with bentonite or material to match the surrounding material (i.e. asphalt or concrete).

2.6 Passive Soil Gas Investigation

Due to shallow groundwater (less than 4 feet bls) observed at the site, Terracon installed four passive soil gas samplers (PSG-01 through PSG-04) to supplement the active soil gas points. The passive soil gas samplers were included as a modification to the soil gas sampling scope as Addendum A to the SSQAPP. The passive samplers (Waterloo Membrane Samplers [WMS]) were installed on July 20, 2023, in accordance with the Instructions for Soil Gas Sampling with WMS-LU Samplers (**Appendix B**) and the NCDEQ DWM Vapor Intrusion Guidance (2018).

Four boreholes were advanced using handheld rotary hammer drill methods to approximately 3 feet bls. The WMS were deployed with the manufacturer supplied wire hanger within the borehole. The wire hung from a rubber stopper used to seal the borehole at land surface. Prior to sealing the borehole with the rubber stopper, a manufacturer supplied foam plug within a plastic sleeve was deployed approximately 6-inches above the WMS in accordance with the manufacturer instructions. The samplers were deployed for a period of 14 days in order for the reporting limits of the analytes to be below the NCDEQ Residential Vapor Intrusion Soil Gas Screening Levels (VI-SGSLs) for most analytes with the exception of 1,1,2-trichloroethane, benzene, and vinyl chloride.

Terracon remobilized to the site on August 3, 2023 for the retrieval of the WMS samplers for shipment to Eurofins Air Toxics in Folsom, California for analysis of VOCs via EPA Method TO-17. The reporting limits for Method TO-17 after the fourteen (14) day deployment are included in **Appendix C**.

The passive soil gas boreholes were abandoned using bentonite pellets after sample completion.

2.7 Investigation Derived Waste

Soil cuttings, purged groundwater, and decontamination water were containerized in drums and staged on-site pending analysis.

2.8 QA/QC

The following Quality Control (QC) samples were collected during this assessment:

- Three duplicate samples, one duplicate sample per media per analytical method;
- Eight trip blanks, three for samples of soil, four for samples of groundwater, one for passive soil gas;
- Three temperature blanks, one per cooler containing VOC samples of groundwater;
- One field blank for groundwater;
- Two equipment blanks, one for groundwater drilling equipment and one for groundwater sampling equipment; and
- Two matrix spike/matrix spike duplicates

Duplicate samples were collected to assess the precision of sample collection and analytical procedures. Duplicate samples were collected concurrently with the primary sample as close to the original sampling location as possible.

3.0 ASSESSMENT RESULTS

Soil, groundwater, soil gas, and passive soil gas analytical results are summarized below. Copies of the laboratory reports are provided in **Appendix D**.

3.1 Soil Investigation Results

Soils encountered in the borings were generally characterized as dark brown to gray clayey sand. Petroleum odors were observed in soil screenings from SB-11, SB-14, SB-15, SB-16, and SB-17. PID readings during field soil screening ranged from less than 1 ppm to 601 ppm in SB-14.

Soil laboratory analytical results were compared to NCDEQ Protection of Groundwater (PoG), Residential, and Industrial/Commercial Preliminary Soil Remediation Goals (PSRGs). Soil analytical results are summarized below and on **Table 2**.

- Naphthalene was detected above the NCDEQ PoG PSRG in SB-14 and SB-17.
- Additional VOCs were detected above laboratory reporting limits but below PSRGs in the samples.
- RCRA 8 metals were not detected above PSRGs except for arsenic which was detected above Residential PSRGs in SB-02, SB-07, and SB-17. Based on a review of available data of naturally occurring elements in soils of North Carolina (Boergen and Shacklette, 1981), the detected arsenic concentrations appear to be consistent with naturally occurring conditions thus, the detections are not indicative of a release.
- Hexavalent Chromium was detected above the Residential PSRGs in SB-02, SB-03, SB-07, SB-09, SB-10, SB-11, SB-13, DUP-SB, SB-14, SB-16, and SB-17.
- 2-Methylnaphthalene was detected above PoG PSRGs in SB-16.
- Benz(a)pyrene was detected above PoG PSRGs in SB-05.
- Additional SVOCs were detected above laboratory reporting limits but below PSRGs in the samples.
- Toxaphene was detected above the Residential PSRGs in DUP-SB and above Non-Residential PSRGs in SB-09 and SB-10.
- Alpha-BHC, beta-BHC, gamma-BHC (Lindane), and Toxaphene were detected above the PoG PSRGs in SB-12, SB-13, and DUP-SB.
- Additional Organochloro Herbicides were detected above laboratory reporting limits but below PSRGs in the samples.
- Organophosphorus Pesticides were not detected in the samples.

The NCDEQ risk calculator was utilized to evaluate the risks of contaminants of concern identified in soil at the site. The risk calculator indicated residential use standards are exceeded for soil. Non-residential use standards were not exceeded at the site. Results from the Risk Calculator can be found in **Appendix E**.

3.2 Groundwater Investigation Results

Groundwater was encountered at depths between approximately 4 and 5 ft bls. Groundwater analytical results were compared to the 2L Standards. Results are summarized on **Table 3** and below.

- Benzene; 1,2-Dichloroethane; Methyl tert-butyl ether; Naphthalene; and/or Xylenes, were detected above the 2L Standards in in samples collected from MW-03 through MW-05.
- 2-Methylnaphthalene and Naphthalene were detected above the 2L Standards in MW-03 and/or MW-05.
- Additional VOCs, SVOCs, RCRA 8, and Organochloro Pesticides were detected above the laboratory reporting limit but below 2L standards in the monitoring wells.
- Organophosphorus Pesticides were not detected in the samples.

The NCDEQ risk calculator was utilized to evaluate the risks of contaminants of concern identified in groundwater at the site. The risk calculator indicated residential and non-residential use standards are exceeded for the use of groundwater at the site. Results from the Risk Calculator can be found in **Appendix E**.

3.3 Active Soil Gas Analytical Results

Analytical results were compared with the NCDEQ Residential and Non-Residential (SGSLs). Results are summarized on **Table 4**.

- 1,2,4-Trimethylbenzene; 1,3,5-Trimethylbenzene; 1,4-Dioxane; Benzene; Hexane; and/or m,p-Xylenes were detected above the Residential SGSLs in SG-01, SG-03, and SG-04.
- 1,2,4-Trimethylbenzene; 2,2,4-Trimethylpentane; Cumene; Ethyl Benzene; Heptane; m,p-Xylene; and/or Propylbenzene were detected above the Non-Residential SGSLs in SG-01 and SG-03.
- Additional VOCs were detected above the laboratory reporting limit but below the SGSLs in the soil gas samples.

The NCDEQ risk calculator was utilized to evaluate the risks of contaminants of concern identified in soil gas at the site using results from the active soil gas samples. The risk calculator indicated residential and non-residential use standards are exceeded for soil gas at the site. Results from the Risk Calculator can be found in **Appendix E**.

3.4 Passive Soil Gas Analytical Results

Analytical results were compared with the NCDEQ Residential and Non-Residential (SGSLs). Results are summarized on **Table 5**.

- 1,2,4-Trimethylbenzene; Benzene; and/or Hexane were detected above the Residential SGSLs in PSG-01 through PSG-04.
- 1,1,2,2-Tetrachloroethane and Heptane were detected above the Non-Residential SGSLs in PSG-04.
- Additional VOCs were detected above the laboratory reporting limit but below the SGSLs in the soil gas samples.

The NCDEQ risk calculator was utilized to evaluate the risks of contaminants of concern identified in soil gas at the site using results from the passive soil gas samples. The risk calculator indicated residential use standards are exceeded for soil gas at the site. Non-residential use standards were not exceeded at the site. Results from the Risk Calculator can be found in **Appendix E**.

4.0 QUALITY ASSURANCE/QUALITY CONTROL

The Generic QAPP and SSQAPP Addendum for this project set forth the procedures and methods for data collection, and specific procedures and adjustments necessary to maintain data quality to support the project decision. This assessment required both field and laboratory checks to monitor conformance to project quality objectives.

4.1 Site-Specific Corrective Actions

A field methods audit was not conducted during the fieldwork for this site. During the recent fieldwork, assessment practices were generally conducted in a method consistent with the methodology of the SSQAPP, USEPA SEDS Guidance and NCDEQ IHSB Guidelines.

4.2 Quality Control Parameters

To assess whether quality assurance objectives for this project have been achieved, the following quality control (QC) parameters were considered: precision, accuracy, representativeness, comparability, completeness, and sensitivity. Laboratory analytical reports and chain-of-custody records are provided in **Appendix D**.

4.3 Precision and Accuracy

4.3.1 Precision

Precision is typically evaluated using relative percent difference (RPD). The laboratory analyzed and evaluated Laboratory Control Sample (LCS) and Matrix Spike (MS) duplicates to assess analytical precision.

Terracon assessed sample precision through collection of field duplicates and evaluation of RPD between the sample and the duplicate. The analytical reports and the sample/duplicate pairs they contain are listed below.

Laboratory	Report No.	Matrix	Sample and Duplicate Pair
Eurofins	680-236355-1	Groundwater	MW-02 and DUP-GW
Eurofins	680-236278-1	Soil	SB-13 and DUP-SB
Eurofins	2307491	Active Soil Gas	SG-04 and DUP-SG
Eurofins	2308156	Passive Soil Gas	PSG-04 and DUP-PSG

Several analytes from the soil, groundwater, passive soil gas, and active soil gas duplicate pairs exhibited a failure of the 30% RPD threshold; however, the concentrations were below the Practical Quantitation Limit (PQL) or within 5x the PQL.

4.3.2 Accuracy

Accuracy is evaluated using a percent recovery measured in spiked and un-spiked samples. Accuracy is a function of the laboratory method, and parameters regarding accuracy are included in the report provided by the laboratory. The laboratory analyzed and evaluated LCS and MS recoveries to assess analytical accuracy. Laboratory accuracy

controls were documented in accordance with the laboratory's QA Manual (included as an appendix to the Generic QAPP and SSQAPP).

Sample holding times were met for all constituent analyses. LCS recoveries and MS recoveries were reported within QC limits for project lab reports.

For groundwater samples MW-01 and MW-04, the Chain of Custody stated that the cooler was out of temperature range upon receipt by the laboratory. After confirmation with the laboratory, it was determined that the cooler temperature was recorded as received at a temperature of 18.1 degrees Celsius. However, the laboratory login receipt checklist shows that the samples were received on ice and that the temperature was acceptable. Since the samples were shipped on ice on the afternoon of 6/16/23 and the cooler was received the morning of 6/17/23, it has been deemed that a laboratory recordation error resulted in the wrong temperature recorded on the Chain of Custody.

Trip blanks were analyzed for VOCs. Potential impacts to accuracy due to sample transport conditions were not documented by trip blank results as analytes detected in the trip blanks were not detected in the samples, except for acetone which is considered a common analytical laboratory contaminant. Thus, the concentrations of acetone detected in the samples and trip blanks may be attributable to or biased by laboratory interference.

4.3.3 Representativeness

Terracon has evaluated the representativeness of the site assessment activities to document the degree to which the sample data accurately and precisely represents a characteristic of a population, parameter variations at a sampling point, or an environmental condition. Review of field methods and procedures indicated that sample collection, handling, and transportation were conducted in accordance with the SSQAPP. Review of analytical results indicates that the analytical data is generally uniform and consistent between sampling points except for the passive soil gas samplers. Terracon observed differences between the paired active and passive soil gas samples. Based on observations in the field the passive samplers appear to be less representative to site conditions compared to the active soil gas samples. Comparatively the active soil gas samples had higher concentrations of VOCs compared to those from the passive samplers. Thus, the active soil gas sample data will be used in order to make more conservative and representative decisions regarding the mitigation of risk on the site.

4.3.4 Completeness

The number of samples collected did not deviate from those outlined in the SSQAPP. Samples were submitted and analyzed according to the chain-of-custody records.

4.3.5 Comparability

To produce comparable data, the units specified for analytical results obtained during the field activities are consistent throughout this project and standardized analytical methods have been used for each parameter.

4.3.6 Sensitivity

Sensitivity is an instanced measure of a particular set of sample detection limits against the applicable action level. Sufficient sensitivity implies that for a given analyte, detection limits were low enough to evaluate a “non-detect” versus the action level. Conversely, insufficient sensitivity implies that even though a given analyte may not be detected above an action level, the detection limit is elevated above the action level. In such a case, it is unknown if the analyte is present at the site above an action level.

Terracon reviewed the laboratory reports generated during this assessment. Method detection limits in the laboratory reports were sufficient to report concentrations below the applicable standards for the analytes except for the following:

Lab Report	Samples	Analytes
236518, 236355, 236469	MW-01 through MW-06	alpha-BHC, Benz(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, 2-Chlorophenol, 1,2-Dibromo-3-Chloropropane, Dibenz(a,h)anthracene, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, Disulfoton, Ethylene Dibromide, Indeno[1,2,3-cd]pyrene, Pentachlorophenol, Toxaphene, 1,2,3-Trichloropropane
2307491	SG-03	Benzene, Bromoform, Bromomethane, Bromodichloromethane, 1,3-Butadiene, Carbon Disulfide, Carbon Tetrachloride, Chlorobenzene, Chloroethane, Chloroform, Chloromethane, 3-Chloropropene, 1,2-Dibromoethane (EDB), 1,2-Dichlorobenzene, 1,4-Dichlorobenzene, 1,1-Dichloroethene, 1,2-Dichloropropane, 1,4-Dioxane, 2-Hexanone, Methylene Chloride, Methyl tert-butyl ether, Naphthalene, 2-Propanol, Styrene, Tetrachloroethene, Trichloroethene, 1,2,4-Trichlorobenzene, 1,3,5-Trimethylbenzene, o-Xylenes

236518, 236355, 236469, 2307491	MW-01, MW-02, MW-03, and MW-06	1,2-Dichloroethane
236518, 236355, 236469, 2307491	MW-01 through MW-06, and SG-03	Hexachlorobenzene, Hexachlorobutadiene, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloroethane, Vinyl chloride

In Terracon’s opinion, the sensitivity failures do not impact the overall useability of the data as a whole. In most cases, the analyte failing to meet sensitivity is not likely a contaminant of concern based on the conceptual site model (CSM). In those cases where the presence may be supported by the CSM, other analytes were identified above applicable action levels. As such, those single analytes are not the sole determinant of “clean” at the site, and the null hypothesis can be accepted.

4.3.7 Laboratory Data Evaluation

The laboratory completed validation and verification of laboratory processes and data and delivered a laboratory report to Terracon for review. The laboratory report and the QC information contained therein documents compliance to the SSQAPP Addendum.

Data were evaluated with respect to applicable regulatory levels as detailed in the Generic QAPP Section A-6.1. Data qualifiers were used by the contract laboratory when presenting data in the laboratory reports included in **Appendix D**. These qualifiers are presented at the end of each laboratory report.

Data usability determination is also a part of data evaluation. After data quality has been assessed, and the analytical data has been reviewed and qualifier codes have been applied, these data must be individually identified and assessed for usability. Sample data (both with and without qualifier codes) may be generally spoken of as either qualitative (restricted), quantitative (unrestricted), or unusable. Within any matrix, it is likely certain samples may have parameters that require qualifier codes. A discussion of these qualifier codes for each level is provided below if warranted.

4.3.8 Qualitative Data – Restricted Data

Qualitative data are often referred to as Restricted Data. Screening data is considered Restricted Data. Screening data may not be considered as Unrestricted Data and cannot be used to make site management decisions. Restricted data may also include “I” or “J”

coded laboratory data. These data are considered to be an estimated quantity, i.e., a presence or absence value. Any sample data receiving an "R" qualifier code, "N" code, or an unexplained "B" qualifier code was not classified as Restricted Data and was considered unusable for making site decisions. Data with a "I" or "J" code were not automatically classified as qualitative data only; these data were considered as Unrestricted Data (quantitative) depending on bias and were evaluated on a case-by-case basis. Data reported with a "U" code is classified as Unrestricted Data, provided the detection limit was not above an applicable action level for that analyte.

The field-instrument-derived data was accepted as Restricted Data only and was not considered for inclusion as Unrestricted Data.

The analytical data received as part of the analytical packages for this site were accepted as Restricted Data for consideration as Unrestricted Data except for the passive soil gas data. This does not impact the decision.

4.3.9 Quantitative Data – Unrestricted Data

Quantitative data are referred to as Unrestricted Data. Only data meeting field and analytical data usability requirements may be classified as Unrestricted Data. This requires that all quality assurance parameters have been satisfied, including quality control criteria. Only data that were found to be analytically valid and passed all criteria for Unrestricted Data were considered for classification as Unrestricted Data. These data are considered definitive and may be used for any purpose.

In reviewing the laboratory results, several analytes are reported as detections with "J" data qualifiers, indicating the reported value is an estimate reported within the 95% confidence interval. These compounds were detected above the laboratory Method Detection Limit (MDL), but below the Practical Quantitation Limit (PQL). The MDL is the lowest concentration at which an analyte can be detected in a sample by the particular laboratory method used. "Detected" indicates that the analyte can be distinguished from the blank with reasonable certainty. Results above the MDL can be distinguished from the blank and fall within applicable standard curves. For the purposes of this assessment, all "I" and "J" qualified data are considered acceptable for making site management decisions as these data are not the sole determinant of "clean." Qualified data meeting acceptance criteria for sensitivity has been considered against applicable action levels in evaluating extent of impacts and is rejected as unrestricted data. All remaining laboratory-derived data are accepted as Unrestricted Data. Individual data failing project-use criteria are not the sole determinant of clean for any area of the site and may be viewed as qualitative support for the entire data set.

5.0 FINDINGS AND CONCLUSIONS

Based on the scope of services described in this report and subject to the limitations described herein, Terracon presents the following findings and conclusions:

- Multiple data flags, RPD discrepancies, and or sensitivity failures were identified across all media sampled as part of this investigation; however, when the data set as a whole is evaluated, the null hypothesis can still be evaluated effectively and is accepted. As such, while individual analytes may not meet all DQOs, the data set as a whole is usable to support site management decisions.
- VOCs, SVOCs, RCRA 8 Metals, and organochloro herbicides were detected in soil and groundwater samples across the site. Organophosphorus pesticides were not detected in the soil or groundwater samples. Specific concentrations can be found in **Table 2** and **Table 3**.
- VOCs were detected in active and passive soil gas samples. Specific concentrations can be found in **Table 4** and **Table 5**.
- Terracon entered results into the NCDEQ Risk Calculator. The risk calculator indicated residential use standards are exceeded for soil. Groundwater concentrations exceeded residential and non-residential risk for the use of groundwater at the site. Active soil gas concentrations exceeded residential and non-residential use standards at the site. Passive soil gas concentrations exceeded residential use standards at the site.
- Results from the active and passive soil gas samples were significantly different. Results from the active soil gas samples were higher in concentration and therefore represent a more conservative view of site soil gas conditions. The more conservative, active soil gas results should be used to make recommendations for the site.

6.0 RECOMMENDATIONS

Based on the scope of services, findings of this assessment, proposed site usage, and in response to the question, "Based on quantitative soil, groundwater, and soil gas sample data, does impacted environmental media pose a risk to human health and the environment, and is additional assessment or remediation necessary?" Terracon recommends the following:

- Groundwater should not be used for any purpose at the site.

- An Environmental Management Plan (EMP) should be developed to manage the excavation/grading of soil, handling of groundwater and interaction with soil gas as part of redevelopment activities.
- If redevelopment of the site includes any form of residential occupation a vapor intrusion mitigation system (VIMS) is needed.

7.0 REFERENCES

Boergen, J.G. and Shacklette, H.T. (Boergen and Shacklette), 1981. Chemical Analysis of Soils and Other Surficial Materials of the Conterminous United States, United States Geological Survey. 1981.

Hart & Hickman, 2023. Generic Quality Assurance Project Plan for MARC Grant Brownfields Site Assessments. March 14.

IRTC, 2007. Vapor Intrusion Pathway: A Practical Guidance. Interstate Technology Regulatory Council. January.

NCDEQ DWM, 2018. Vapor Intrusion Guidance. NCDEQ Division of Waste Management. March.

Terracon Consultants Inc, 2023. Site-Specific Quality Assurance Project Plan (SSQAPP) – Addendum 1A, Revision 1, NCDEQ Marc Grant, USEPA Cooperative Agreement No 02D31722, BF Project No 24024-20-078, Pembroke Bulk Oil Plant. April 19.

Terracon Consultants Inc, 2023. Addendum A to the Site-Specific Quality Assurance Project Plan (SSQAPP) – Addendum 1A, Revision 1, NCDEQ Marc Grant, USEPA Cooperative Agreement No 02D31722, BF Project No 24024-20-078, Pembroke Bulk Oil Plant. June 27.

Tables

TABLE 1 - WELL CONSTRUCTION DETAILS AND FLUID-LEVEL GAUGING DATA
Former Pembroke Bulk Oil Plant| Pembroke, North Carolina
December 15, 2023 | Terracon Proj. No. 70237084



WELL CONSTRUCTION DETAILS										HYDROGEOLOGY SUMMARY AND GAUGING DATA				
Well ID	Installation Date (mm/dd/yyyy)	Well Construction	Drilling Method	TOC Elevation (ft)	Ground Elevation (ft msl)	Well Depth (ft bls)	Well Depth (ft msl)	Screen Interval (ft bls)	Geologic Unit	Gauging Date (mm/dd/yyyy)	Depth to Product (ft bTOC)	Depth to Water (ft bTOC)	Water Elevation (ft)	
MW-01	06/13/23	2" PVC	DPT	101.32	--	14	--	4-14	SA	6/16/2023	--	5.35	95.97	
MW-02	06/12/23	2" PVC	DPT	99.94	--	14	--	4-14	SA	6/14/2023	--	3.93	96.01	
MW-03	06/13/23	2" PVC	DPT	100.98	--	14	--	4-14	SA	6/17/2023	--	5.07	95.91	
MW-04	06/12/23	2" PVC	DPT	100.13	--	14	--	4-14	SA	6/16/2023	--	5.45	94.68	
MW-05	06/13/23	2" PVC	DPT	100.00	--	18	--	3-18	SA	6/15/2023	--	4.78	95.22	
MW-06	06/13/23	2" PVC	DPT	100.14	--	14	--	4-14	SA	6/15/2023	--	4.74	95.4	

Notes:
ft msl - feet mean sea level.
ft als - feet above land surface.
ft bls - feet below land surface.
ft bTOC - feet below top of casing.
PVC - polyvinyl chloride.
DPT - direct-push technology.
"--" - Not known, not applicable, or product layer not detected in well.
Elevations based on an arbitrary datum of 100.00 feet with a benchmark set on MW-05.
NS - not surveyed as of issuance of report.

Geologic Unit Codes:
SA - Surficial Aquifer

	SB-01 (6-8) 6/14/2023	SB-02 (2-4) 6/14/2023	SB-03 (4-6) 06/14/2023	SB-04 (8-10) 06/14/2023	SB-05 (0-2) 06/14/2023	SB-06 (6-8) 06/14/2023	SB-07 (2-4) 06/14/2023	SB-08 (4-6) 06/14/2023	SB-09 (4-6) 6/12/2023	SB-10 (2-4) 6/12/2023	SB-11 (1-3) 6/12/2023	SB-12 (6-8) 6/12/2023	SB-13 (2-4) 6/12/2023	DUP-SB 6/12/2023	SB-14 (2-4) 6/13/2023	SB-15 (6-8) 6/13/2023	SB-16 (2-4) 6/13/2023
	--	2.16	<1.14	--	--	<1.40	2.27	--	<1.40	1.23 J	<1.16	<1.17	<1.37	<1.36	<1.19	--	<1.29
	--	10.5	7.05	--	--	12	11.5	--	9.69	10.9	8.90	5.36	8.69	12.6	12.7	--	11
	--	15.1	8.44	--	--	8.46	15.4	--	14.0	5.93	11.5	8.21 F1	8.69	9.45	10.7	--	8.92
	--	5.08	4.36	--	--	4.95	5.21	--	6.06	9.28	5.79	5.75	7.88	8.24	6.52	--	8.03
	--	0.0108 J	<0.00761	--	--	0.0101 J	0.0263 J	--	<0.00935	0.0432	0.0174 J	0.0203 J	0.0436	0.0201 J	0.0159 J	--	0.0209 J
	--	0.979	0.331 J	--	--	<0.163	0.844	--	0.445 J	0.509	0.615	0.192 J	0.595	0.448 J	0.393 J	--	1.19
All NonDetect																	
	--	--	--	--	--	--	--	--	<0.000105	<0.000100	<0.000103	<0.000103	0.00612	0.0217 p	--	--	--
	--	--	--	--	--	--	--	--	0.0158 p	0.0903	<0.000103	0.000211 J	0.00283	0.0106 p	--	--	--
	--	--	--	--	--	--	--	--	0.0965	0.348	<0.000126	<0.000126	0.00893	0.0507 p	--	--	--
	--	--	--	--	--	--	--	--	0.000302 J p	0.000623 J	<0.0000860	<0.0000860	0.000117 J p	0.000167 J p	--	--	--
	--	--	--	--	--	--	--	--	0.000390 J p	<0.0000778	<0.0000803	<0.0000802	0.000488 J	0.0168	--	--	--
	--	--	--	--	--	--	--	--	<0.000197	<0.000189	0.00226	<0.000195	0.00355	0.0283	--	--	--
	--	--	--	--	--	--	--	--	<0.000110	<0.000106	<0.000109	<0.000109	0.000481 J	0.00486	--	--	--
	--	--	--	--	--	--	--	--	<0.0000987	<0.0000945	<0.0000975	<0.0000974	0.000418 J p	<0.0000952	--	--	--
	--	--	--	--	--	--	--	--	0.0318	0.0138 J p	<0.000126	<0.000126	<0.000124	0.0173	--	--	--
	--	--	--	--	--	--	--	--	0.000198 J p	0.000608 J	0.000317 J	<0.0000802	0.000541 J	0.0156	--	--	--
	--	--	--	--	--	--	--	--	<0.000163	<0.000156	<0.000161	<0.000160	0.00149 p	<0.000157	--	--	--
	--	--	--	--	--	--	--	--	5.03	2.49	<0.00321	0.0199 J p	0.0895 J	1.19	--	--	--
	<0.00141	<0.00107	<0.00132	<0.00156	<0.00116	<0.00120	<0.00107	<0.00127	<0.112	<0.00147	<0.0432	<0.00140	<0.00124	<0.00123	<0.109	<0.101	<0.139
	<0.00283	<0.00213	<0.00264	<0.00313	<0.00231	<0.00240	<0.00213	<0.00254	<0.224	<0.00202	<0.0864	<0.00279	<0.00248	<0.00246	<0.219	<0.201	<0.277
	<0.00228	<0.00172	<0.00213	<0.00253	<0.00187	<0.00194	<0.00172	<0.00206	<0.181	<0.00163	<0.0698	<0.00225	<0.00201	<0.00199	<0.177	<0.162	<0.224
	<0.00315	<0.00238	<0.00294	<0.00349	<0.00258	<0.00268	<0.00238	<0.00284	<0.250	<0.00224	<0.0963	<0.00311	<0.00277	<0.00274	<0.244	<0.224	<0.309
	<0.00272	<0.00205	<0.00253	<0.00301	<0.00223	<0.00231	<0.00205	<0.00245	<0.215	<0.00194	2.83	<0.00268	<0.00239	<0.00236	4.33	0.298 J	0.326 J
	<0.00283	<0.00213	<0.00264	<0.00313	<0.00231	<0.00240	<0.00213	<0.00254	<0.224	<0.00202	<0.0864	<0.00279	<0.00248	<0.00246	<0.219	<0.201	<0.277
	<0.00261	<0.00197	<0.00243	<0.00289	<0.00214	<0.00222	<0.00197	<0.00235	<0.207	<0.00186	1.12	<0.00258	<0.00229	<0.00227	1.04	<0.186	<0.256
	<0.0100	<0.00755	<0.00933	<0.0111	<0.00819	<0.00850	<0.00755	<0.00901	<0.792	<0.00713	<0.306	<0.00988	<0.00879	<0.00870	<0.773	<0.712	<0.980
	<0.00283	<0.00213	<0.00264	<0.00313	<0.00231	<0.00240	<0.00213	<0.00254	<0.224	<0.00202 -	0.273	<0.00279	<0.00248 -	<0.00246	0.3 J	<0.201	<0.277
	0.0175 J	0.0254 J	0.0309 J	0.035 J	0.0557	0.0161 J	0.0248 J	0.0327 J	5.30 B	0.0359 J	0.684 J B	0.0411 J B	0.0457 J	0.0313 J B	0.955 J B	1.04 J B	1.39 J B
	<0.00185	<0.00140	<0.00172	<0.00204	<0.00151	<0.00157	<0.00139	<0.00166	<0.207	<0.00186	<0.0565	<0.00258	<0.00229	<0.00227	<0.143	<0.132	<0.181
	<0.00228	<0.00172	<0.00213	<0.00253	<0.00187	<0.00194	<0.00172	<0.00206	<0.181	<0.00163	<0.0698	<0.0357	<0.0363	<0.0365	<0.177	<0.162	<0.224
	<0.00228	<0.00172	<0.00213	<0.00253	<0.00187	<0.00194	<0.00172	<0.00206	<0.181	<0.00163	<0.0698	<0.00225	<0.00201	<0.00199	0.876	<0.162	<0.224
	<0.00185 -	<0.00140 -	<0.00172 -	<0.00204 -	<0.00151 -	<0.00157 -	<0.00139 -	<0.00166 -	<0.146	<0.00132	<0.0565	<0.00183	<0.00162	<0.00161	0.96	<0.132	<0.181
	<0.00239	<0.00181	<0.00223	<0.00265	<0.00196	<0.00203	<0.00180	<0.00215	<0.189	<0.00171	<0.0731	<0.00236	<0.00210	<0.00208	0.236 J	<0.170	<0.234
	<0.00239	<0.00181	<0.00223	<0.00265	<0.00196	<0.00203	<0.00180	<0.00215	<0.189	<0.00171	<0.0731	<0.00236	<0.00210	<0.00208	0.884	<0.170	<0.234
	<0.00337	<0.00255	<0.00314	<0.00373	<0.00276	<0.00286	<0.00254	<0.00303	<0.189	<0.00171	0.375	<0.00236	<0.00210	<0.00208	1.26	<0.240	<0.330
	<0.00207	<0.00156	<0.00193	<0.00228	<0.00169	<0.00176	<0.00156	<0.00186	<0.189	<0.00171	<0.0731	<0.00236	<0.00210	<0.00208	1.38	<0.147	<0.202
	<0.00468	<0.00353	<0.00436 -	<0.00517 -	<0.00383 -	<0.00397 -	<0.00353 -	<0.00421 -	<0.370	<0.00333 +	<0.143	<0.00462	<0.00411 +	<0.00407	2.65	<0.333	<0.458
	<0.00239	<0.00181	<0.00223	<0.00265	<0.00196	<0.00203	<0.00180	<0.00215	<0.189	<0.00171	<0.0731	<0.00236	<0.00210	<0.00208	1.01	<0.170	<0.234
	<0.00250	<0.00189	<0.00233	<0.00277	<0.00205	<0.00213	<0.00189	<0.00225	<0.198	<0.00178	0.204	<0.00247	<0.00220	<0.00218	<0.193	<0.178	<0.245
	<0.00218	<0.00164	<0.00203	<0.00241	<0.00178	<0.00185	<0.00164	<0.00196	<0.172	<0.00155	0.151 J	<0.00215	<0.00191	<0.00189	0.286 J	<0.155	<0.213
	<0.00392	<0.00296	<0.00365	<0.00433	<0.00320	<0.00333	<0.00295	<0.00352	<0.310	<0.00279	0.204 J	<0.00387	<0.00344	<0.00341	0.884	<0.278	<0.384
	<0.0441	<0.0415	<0.0400	<0.0426	<0.0407	<0.0427	<0.0436	<0.0448	0.202 J	<0.0408	2.27	<0.0424	<0.0431	<0.0434	3.03 F1	0.221 J	6.10
	<0.0476	<0.0447	<0.0432	<0.0460	<0.0439	<0.0461	<0.0470	<0.0483	<0.0466	<0.0440	<0.0469	<0.0458	<0.0465	<0.0468	0.132 J	<0.0440	0.275 J
	<0.0290	<0.0273	<0.0263	<0.0280	<0.0267	<0.0281	<0.0287	<0.0295	0.0645 J	<0.0311	<0.0332	<0.0324	<0.0329	<0.0331	<0.0275	<0.0268	0.248 J
	<0.0313	<0.0295	<0.0284	<0.0303	0.262 J	<0.0304	<0.0309	<0.0318	<0.307	0.107 J	<0.0240	<0.0234	<0.0306	<0.0308	<0.0297	<0.0289	<0.0293
	<0.0604	<0.0568	<0.0548	<0.0583	0.297 J	<0.0585	<0.0596	<0.0613	<0.0591	0.107 J	<0.0595	<0.0580	<0.0589	<0.0594	<0.0573	<0.0558	<0.0565
	<0.0441	<0.0415	<0.0400	<0.0426	0.412	<0.0427	<0.0436	<0.0448	<0.0432	0.127 J	<0.0492	<0.0480	<0.0487	<0.0434	<0.0418	<0.0407	<0.0413
	<0.0255	<0.0240	<0.0232	<0.0247	0.219 J	<0.0247	<0.0252	<0.0259	<0.0250	0.0697 J	<0.0764	<0.0246	<0.0249	<0.0251	<0.0242	<0.0236	<0.0239
	<0.0754	<0.0709	<0.0685	<0.0729	0.146 J	<0.0731	<0.0745	<0.0766	<0.0739	<0.0698	<0.0744	<0.0726	<0.0736	<0.0742	<0.0716	<0.0697	<0.0706
	<0.0244	<0.0229	<0.0221	<0.0236	0.336 J	<0.0236	<0.0241	<0.0248	<0.0239	0.128 J	<0.0240	<0.0435	0.0417 J	0.0391 J	<0.0231	<0.0225	<0.0228
	<0.0453	<0.0426	<0.0411	<0.0438	0.0623 J	<0.0438	<0.0447	<0.0460	<0.0444	<0.0419	<0.0252	<0.0246	<0.0249	<0.0445	<0.0429	<0.0418	<0.0423
	<0.0383	<0.0360	<0.0348	<0.0370	<0.0353	<0.0371	<0.0378	<0.0389	<0.0375	<0.0364	<0.0378	<0.0368	<0.0374	<0.0377	0.110 J	<0.0354	0.222 J
	<0.0371	<0.0349	<0.0337	<0.0359	0.431	<0.0360	<0.0367	<0.0377	<0.0364	0.233 J	0.0879 J	<0.0357	<0.0363	<0.0365	<0.0352	<0.0343	<0.0347
	<0.0418	<0.0393	<0.0379	<0.0404	<0.0385	<0.0405	<0.0413	<0.0424	0.0951 J	<0.0386	0.458	<0.0402	<0.0408	<0.0411	0.134 J	<0.0386	0.426
	<0.0325	<0.0306	<0.0295	<0.0314	0.180 J	<0.0315	<0.0321	<0.0330	<0.0318	<0.0300	<0.0320	<0.0313	<0.0317	<0.0320	<0.0308	<0.0300	<0.0304
	<0.0383	<0.0360	<0.0348	<0.0370	<0.0353	<0.0371	<0.0378	<0.0389	<0.0375	<0.0354	<0.0378	<0.0368	<0.0374	<0.0377	<0.0363	<0.0354	<0.0358
	<0.0348	<0.0327	<0.0316	<0.0337	<0.0321	<0.0337	<0.0344	<0.0354	<0.0341	<0.0322	<0.0664	<0.0335	<0.0340	<0.0342	0.984	0.121 J	1.09
	<0.0371	<0.0349	<0.0337	<0.0359	<0.0342	<0.0360	<0.0367	<0.0377	<0.0364	<0.0343							

TABLE 3 - SUMMARY OF GROUNDWATER ANALYTICAL RESULTS
Former Pembroke Bulk Oil Plant[Pembroke, North Carolina
December 15, 2023 | Terracon Proj. No. 70237084



Analyte	CAS No.	Unit	Sample Location		MW-01							MW-02							MW-03							MW-04							MW-05							MW-06																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
			Sample Date	2L Standard (µg/L)	06/16/2023							06/14/2023							06/14/2023							06/15/2023							06/15/2023							06/15/2023							06/15/2023																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
RCRA 8 Metals via USEPA 6020B																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Arsenic	7440-38-2	µg/L	10	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.860	<0.

Notes:

Results in micrograms per liter (µg/L)

2L Standard - 15A NCAC 02L .0202 Groundwater Quality Standards (April 2022)

GCL - Gross Contamination Level

NE - Standard Not Established

DUP-GW sampled from MW-02

J - Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.

p - The Relative Percent Difference between the primary and confirmation column/detector is >40%. The lower value has been reported.

B - Compound was found in the blank and sample.

"--" - not tested

"<" - Results below method detection limit.

Risk values in red exceed applicable carcinogenic or non-carcinogenic risk threshold.

TABLE 4 - SUMMARY OF ACTIVE SOIL GAS ANALYTICAL RESULTS
Former Pembroke Bulk Oil Plant| Pembroke, North Carolina
December 15, 2023 | Terracon Proj. No. 70237084



Analyte	CAS No.	Unit	Sample Location		NCDEQ SGSL (Res)	NCDEQ SGSL (Non-Res)	SG-01 7/20/2023	SG-02 7/20/2023	SG-03 7/20/2023	SG-04 7/20/2023	DUP-SG 7/20/2023
			Sample Date								
			NCDEQ SGSL (Res)	NCDEQ SGSL (Non-Res)							
Volatile Organic Compounds via EPA TO-15											
1,2,4-Trimethylbenzene	95-63-6	µa/m³	5,300	710	2.7 J	110,000	2.0 J				
1,3,5-Trimethylbenzene	108-67-8	µa/m³	420	700	<1.8	<1100	<1.8				
1,4-Dioxane	123-91-1	µa/m³	19	187	<250	<0.88	52				
2-Butanone	78-93-3	µa/m³	35,000	440,000	<55	4.2 J	<13	1.8 J			
2,2,4-Trimethylpentane	540-84-1	µa/m³	NE	NE	47,000	4.8 J	3,800,000	2.2 J			
4-Ethyltoluene	622-96-8	µa/m³	NE	NE	420	<1.3	56,000	<1.3			
Acetone	67-64-1	µa/m³	NE	NE	<25	23 J	<1100	9.6 J			
Benzene	71-43-2	µa/m³	12	160	80	<0.77	2400 J	<0.77			
Carbon Disulfide	75-15-0	µa/m³	4,900	61,000	<37	<10	<1700	60			
Cumene	98-82-8	µa/m³	2,800	35,000	130	<1.9	43,000	<1.9			
Cyclohexane	110-82-7	µa/m³	42,000	530,000	18,000	<0.73	<750	<0.73			
Ethyl Benzene	100-41-4	µa/m³	37	490	1,300	2.3 J	400,000	<1.1			
Freon 11	75-69-4	µa/m³	NE	NE	<27	1.4 J	<1200	1.8 J			
Freon 12	75-71-8	µa/m³	700	8,800	<38	2.1 J	<1800	2.6 J			
Heptane	142-82-5	µa/m³	2,800	35,000	55,000	<1.2	460,000	<1.2			
Hexane	110-54-3	µa/m³	4,900	61,000,000	68,000	<1.1	590,000	<1.1			
m,p-Xylene	108-38-3/106-42-3	µa/m³	700	8,800	5,400	<1.7	200,000	<1.7			
Naphthalene	91-20-3	µa/m³	3	36	<21	4.0 J	1900 J	<1.4			
o-Xylene	95-47-6	µa/m³	700	8,800	140	<0.88	1200 J	<0.88			
Propylbenzene	103-65-1	µa/m³	7,000	88,000	230	2.3 J	130,000	<0.69			
Toluene	108-88-3	µa/m³	35,000	440,000	190	<1.1	4,600	<1.1			
Tetrachloroethene	127-18-6	µa/m³	280	3,500	<22	<1.4	<1000	<1.4			
Trichloroethene	79-01-6	µg/m³	14	180	<31	<1.3	<1400	<1.3			
Res. Cumulative Carcinogenic Risk	1.1E-02										
Res. Cumulative Non-Carcinogenic Risk	1.9E+02										
Non Res. Cumulative Carcinogenic Risk	8.2E+04										
Non Res. Cumulative Non-Carcinogenic Risk	1.5E+01										

Notes:

Results in micrograms per meter (µg/m³)
SGSL - Soil Gas Screening Levels (July 2023)
J - The reported result is an estimate.
NE - Not Established
DUP-SG sampled from SG-04
" < " - Results below method detection limit
Risk values in red exceed applicable carcinogenic or non-carcinogenic risk threshold.
Values in bold exceed laboratory reporting limits.

TABLE 5 - SUMMARY OF PASSIVE SOIL GAS ANALYTICAL RESULTS
Former Pembroke Bulk Oil Plant| Pembroke, North Carolina
December 15, 2023 | Terracon Proj. No. 70237084



Analyte	CAS No.	Unit	NCDEQ SGSL		Sample Location		PSG-01 8/3/2023	DUP-PSG 8/3/2023	PSG-02 8/3/2023	PSG-03 8/3/2023	PSG-04 8/3/2023
			NCDEQ SGSL (Res)	NCDEQ SGSL (Non-Res)	Sample Date						
Volatile Organic Compounds via EPA TO-15											
1,1,2,2-Tetrachloroethane	79-34-5	µg/m³	13	21	<1.6	<1.6	<1.6	<1.6	23	<1.6	<1.6
1,1,2-Trichloroethane	79-00-5	µg/m³	420	5,300	<5.9	<2.8	<2.8	<2.8	9.1	<2.8	<2.8
1,2,4-Trimethylbenzene	95-63-6	µg/m³	420	5,300	5.9	6.2	2.4	2.4	2,500	2.4	2.4
1,2-Dichloroethane	107-06-2	µg/m³	19	187	<3.3	<3.3	<3.3	<3.3	5.4	<3.3	<3.3
1,3,5-Trimethylbenzene	108-67-8	µg/m³	NE	250	7.2	7.3	<1.2	<1.2	52	<1.2	<1.2
2-Butanone (Methyl Ethyl Ketone)	78-93-3	µg/m³	NE	NE	6.1 J	7.3 J	30	<10	<10	<10	<10
Benzene	71-43-2	µg/m³	12	160	15	15	14	14	<20	16	16
Chlorobenzene	106-90-7	µg/m³	4,900	61,000	<2.1	<2.1	<2.1	<2.1	4.2	<2.1	<2.1
Cyclohexane	110-82-7	µg/m³	2,800	35,000	2.7 J	2.4 J	<3.8	<3.8	890	<3.8	<3.8
Chloromethane	74-87-3	µg/m³	630	7,900	12 J	<25	<25	<25	<25	<25	<25
Ethyl Benzene	100-41-4	µg/m³	42,000	530,000	3.6	3.8	<1.8	<1.8	1,600	1,7 J	1,7 J
Heptane	142-82-5	µg/m³	37	490	3.0 J	2.9 J	<3.5	<3.5	2,600	4.7	4.7
Hexane	110-54-3	µg/m³	2,800	35,000	9.7 J	10 J	6.8 J	6.8 J	2,800	20	20
m,p-Xylene	108-38-3/106-42-3	µg/m³	4,900	61,000,000	11	11	11	11	2,900	2.2	2.2
Naphthalene	91-20-3	µg/m³	700	8,800	<1.6	<1.6	<1.6	<1.6	41	1.0 J	1.0 J
o-Xylene	95-47-6	µg/m³	700	8,800	0.79 J	0.72 J	<1.6	<1.6	5.8	0.63 J	0.63 J
Propylbenzene	103-65-1	µg/m³	7,000	88,000	0.51 J	0.56 J	<1.3	<1.3	800	0.60 J	0.60 J
Toluene	108-88-3	µg/m³	35,000	440,000	2.5	2.5	0.90 J	0.90 J	23	59	59
Res. Cumulative Carcinogenic Risk	7.6E-05										
Res. Cumulative Non-Carcinogenic Risk	4.2E+00										
Non Res. Cumulative Carcinogenic Risk	5.8E-06										
Non Res. Cumulative Non-Carcinogenic Risk	3.3E-01										

Notes:
Results in micrograms per meter (µg/m³)
SGSL - Soil Gas Screening Levels (July 2023)
NE - Not Established
J - The reported result is an estimate.
DUP-SG sampled from PSG-01
" < " - Results below laboratory detection limit
Risk values in red exceed applicable carcinogenic or non-carcinogenic risk threshold.
Values in bold exceed laboratory reporting limits.
*Benzene was detected in the trip blank and laboratory blank at: 13 J µg/m3.

TABLE 6 - HISTORICAL FLUID LEVEL GAUGING DATA
Former Pembroke Bulk Oil Plant| Pembroke, North Carolina
December 15, 2023 | Terracon Proj. No. 70237084



Well ID	Installation Date (mm/dd/yyyy)	Well Depth (ft bls)	Screen Interval (ft bls)	Well Depth (ft bls)	TOC Elevation (ft msl)	Depth to Product (ft bTOC)	Depth to Water (ft bTOC)	Product Thickness (ft)	Potentiometric Elevation ¹ (ft msl)	Comments
MW-01	06/13/23	14.0	4-14	14.0	101.32	--	5.35	0.00	95.97	2-inch Type II
MW-02	06/12/23	14.0	4-14	14.0	99.94	--	3.93	0.00	96.01	2-inch Type II
MW-03	06/13/23	14.0	4-14	14.0	100.98	--	5.07	0.00	95.91	2-inch Type II
MW-04	06/12/23	14.0	4-14	14.0	100.13	--	5.45	0.00	94.68	2-inch Type II
MW-05	06/13/23	18.0	3-18	18.0	100.00	--	4.78	0.00	95.22	2-inch Type II
MW-06	06/13/23	14.0	4-14	14.0	100.14	--	4.74	0.00	95.40	2-inch Type II

Notes:

ft bls - feet below land surface.

TOC - top of casing.

TOC elevations are based on an arbitrary datum of 100.00 feet msl, established for MW-1.

ft msl - feet mean sea level.

ft bTOC - feet below top of casing.

ft - feet.

1. Based on Petroleum Fuel with the following specific gravity:

0.73

B-01 (6-8) 5/14/2023	SB-02 (2-4) 6/14/2023	SB-03 (4-6) 06/14/2023	SB-04 (8-10) 06/14/2023	SB-05 (0-2) 06/14/2023	SB-06 (6-8) 06/14/2023	SB-07 (2-4) 06/14/2023	SB-08 (4-6) 06/14/2023	SB-09 (4-6) 6/12/2023	SB-10 (2-4) 6/12/2023	SB-11 (1-3) 6/12/2023	SB-12 (6-8) 6/12/2023	SB-13 (2-4) 6/12/2023	DUP-SB 6/12/2023	SB-14 (2-4) 6/13/2023	SB-15 (6-8) 6/13/2023	SB-16 (2-4) 6/13/2023	SB-17 (4-6) 6/13/2023
--	2.16	<1.14	--	--	<1.40	2.27	--	<1.40	<0.182	<0.195	<0.190	<0.193	<0.194	<1.19	--	<1.29	2.52
--	10.5	7.05	--	--	12	11.5	--	9.69	<0.000111	<0.000115	<0.000115	<0.000113	<0.000112	12.7	--	11	17.5
--	15.1	8.44	--	--	8.46	15.4	--	14.0	<0.00155	<0.0664	<0.00215	<0.00191	<0.00189	10.7	--	8.92	21.9
--	5.08	4.36	--	--	4.95	5.21	--	6.06	9.28	5.79	5.75	7.88	8.24	6.52	--	8.03	--
--	0.0108 J	<0.00761	--	--	0.0101 J	0.0263 J	--	<0.00935	<0.891	<0.950	<0.927	<0.940	<0.947	0.0159	--	0.0209	0.0528
NonDetect	0.98	0.331 J	--	--	<0.163	0.84	--	0.445 J	<0.00225	<0.0963	<0.00311	<0.00277	<0.00274	0.39	--	1.19	2.99
--	--	--	--	--	--	--	--	<0.000105	<0.000100	<0.000103	<0.000103	0.00612	0.0217	--	--	--	--
--	--	--	--	--	--	--	--	0.0158 p	0.0903	<0.000103	0.000211	0.00283	0.0106	--	--	--	--
--	--	--	--	--	--	--	--	0.0965	0.348	<0.000126	<0.000126	0.00893	0.0507	--	--	--	--
--	--	--	--	--	--	--	--	0.000302 J p	0.000623	<0.0000860	<0.0000860	0.000117	0.000167	--	--	--	--
--	--	--	--	--	--	--	--	0.000390 J p	<0.0000778	<0.0000803	<0.0000802	0.000488	0.0168	--	--	--	--
--	--	--	--	--	--	--	--	<0.000197	<0.000189	0.00226	<0.000195	0.00355	0.0283	--	--	--	--
--	--	--	--	--	--	--	--	<0.000110	<0.000106	<0.000109	<0.000109	0.000481	0.00486	--	--	--	--
--	--	--	--	--	--	--	--	<0.0000987	<0.0000945	<0.0000975	<0.0000974	0.000418	<0.0000952	--	--	--	--
--	--	--	--	--	--	--	--	0.0318	0.0138	<0.000126	<0.000126	<0.000124	0.0173	--	--	--	--
--	--	--	--	--	--	--	--	0.000198 J p	0.000608	0.000317	<0.0000802	0.000541	0.0156	--	--	--	--
--	--	--	--	--	--	--	--	<0.000163	<0.000156	<0.000161	<0.000160	0.00149	<0.000157	--	--	--	--
--	--	--	--	--	--	--	--	5.03	2.5	<0.00321	0.0199	0.0895	1.19	--	--	--	--
<0.000141	<0.00107	<0.00132	<0.00156	<0.00116	<0.00120	<0.00107	<0.00127	0.00039	<0.0000778	<0.0000803	<0.0000802	0.000488	0.0168	<0.109	<0.101	<0.139	<0.114
<0.00283	<0.00213	<0.00264	<0.00313	<0.00231	<0.00240	<0.00213	<0.00254	<0.0591	0.107	<0.0595	<0.0580	<0.0589	<0.0594	<0.219	<0.201	<0.277	<0.227
<0.00228	<0.00172	<0.00213	<0.00253	<0.00187	<0.00194	<0.00172	<0.00206	14.0	5.93	11.5	8.21	8.69	9.45	<0.177	<0.162	<0.224	<0.183
<0.00315	<0.00238	<0.00294	<0.00349	<0.00258	<0.00268	<0.00238	<0.00284	5.30 B	0.0359	0.684	0.0411	0.0457	0.0313	<0.244	<0.224	<0.309	<0.253
<0.00272	<0.00205	<0.00253	<0.00301	<0.00223	<0.00231	<0.00205	<0.00245	<0.0466	<0.0440	<0.0469	<0.0458	<0.0465	<0.0468	4.33	0.298	0.326	5.57
<0.00283	<0.00213	<0.00264	<0.00313	<0.00231	<0.00240	<0.00213	<0.00254	0.0158	0.0903	<0.000103	0.000211	0.00283	0.0106	<0.219	<0.201	<0.277	<0.227
<0.00261	<0.00197	<0.00243	<0.00289	<0.00214	<0.00222	<0.00197	<0.00235	<0.207	<0.00186	1.12	<0.00258	<0.00229	<0.00227	1.04	<0.186	<0.256	1.82
<0.0100	<0.00755	<0.00933	<0.0111	<0.00819	<0.00850	<0.00755	<0.00901	6.06	9.28	5.79	5.75	7.88	8.24	<0.773	<0.712	<0.980	<0.804
<0.00283	<0.00213	<0.00264	<0.00313	<0.00231	<0.00240	<0.00213	<0.00254	5.03	2.49	0.273	0.0199	0.0895	1.19	0.3	<0.201	<0.277	0.827
0.0175 J	0.0254 J	0.0309 J	0.035 J	0.0557	0.0161 J	0.0248 J	0.0327 J	5.30 B	0.0359 J	<0.000109	<0.000109	0.000481	0.00486	0.955	1.04	1.39	1.25
<0.00185	<0.00140	<0.00172	<0.00204	<0.00151	<0.00157	<0.00139	<0.00166	<0.207	<0.00186	1.12	<0.00258	<0.00229	<0.00227	<0.143	<0.132	<0.181	<0.149
<0.00228	<0.00172	<0.00213	<0.00253	<0.00187	<0.00194	<0.00172	<0.00206	<0.0364	0.233	0.0879	<0.0357	<0.0363	<0.0365	<0.177	<0.162	<0.224	<0.183
<0.00228	<0.00172	<0.00213	<0.00253	<0.00187	<0.00194	<0.00172	<0.00206	<0.181	<0.00163	<0.0698	<0.00225	<0.00201	<0.00199	0.876	<0.162	<0.224	0.634
<0.00185 -	<0.00140 -	<0.00172 -	<0.00204 -	<0.00151 -	<0.00157 -	<0.00139 -	<0.00166 -	<0.146	<0.00132	<0.0565	<0.00183	<0.00162	<0.00161	0.96	<0.132	<0.181	<0.149
<0.00239	<0.00181	<0.00223	<0.00265	<0.00196	<0.00203	<0.00180	<0.00215	<0.189	<0.00171	<0.0731	<0.00236	<0.00210	<0.00208	0.236	<0.170	<0.234	0.356
<0.00239	<0.00181	<0.00223	<0.00265	<0.00196	<0.00203	<0.00180	<0.00215	<0.189	<0.00171	<0.0731	<0.00236	<0.00210	<0.00208	0.884	<0.170	<0.234	1.82
<0.00337	<0.00255	<0.00314	<0.00373	<0.00276	<0.00286	<0.00254	<0.00303	<0.189	<0.00171	<0.0731	<0.00236	<0.00210	<0.00208	1.26	<0.240	<0.330	1.45
<0.00207	<0.00156	<0.00193	<0.00228	<0.00169	<0.00176	<0.00156	<0.00186	<0.189	<0.00171	<0.0731	<0.00236	<0.00210	<0.00208	1.38	<0.147	<0.202	1.87
<0.00468	<0.00353	<0.00436 -	<0.00517 -	<0.00383 -	<0.00397 -	<0.00353 -	<0.00421 -	<0.370	<0.00333 +	<0.143	<0.00462	<0.00411 +	<0.00407	2.65	<0.333	<0.458	0.75
<0.00239	<0.00181	<0.00223	<0.00265	<0.00196	<0.00203	<0.00180	<0.00215	<0.0000929	<0.0000989	<0.0000917	<0.0000917	<0.0000905	<0.0000896	1.01	<0.170	<0.234	0.95
<0.00250	<0.00189	<0.00233	<0.00277	<0.00205	<0.00213	<0.00189	<0.00225	<0.198	<0.00178	0.204	<0.00247	<0.00220	<0.00218	<0.193	<0.178	<0.245	0.324
<0.00218	<0.00164	<0.00203	<0.00241	<0.00178	<0.00185	<0.00164	<0.00196	<0.172	<0.00155	0.151 J	<0.00215	<0.00191	<0.00189	0.286	<0.155	<0.213	0.703
<0.00196	<0.00148	<0.00182	<0.00216	<0.00160	<0.00166	<0.00148	<0.00176	9.69	10.9	8.9	5.36	8.69	12.6	<0.151	<0.139	<0.192	<0.157
<0.00392	<0.00296	<0.00365	<0.00433	<0.00320	<0.00333	<0.00295	<0.00352	<0.310	<0.00279	0.204 J	<0.00387	<0.00344	<0.00341	0.884	<0.278	<0.384	2.14
<0.0441	<0.0415	<0.0400	<0.0426	<0.0407	<0.0427	<0.0436	<0.0448	0.202 J	<0.0408	2.27	<0.0424	<0.0431	<0.0434	3.03	0.221	6.10	0.887
<0.0476	<0.0447	<0.0432	<0.0460	<0.0439	<0.0461	<0.0470	<0.0483	0.0645 J	<0.0440	<0.0469	<0.0458	<0.0465	<0.0468	0.132	<0.0440	0.275	<0.0460
<0.0290	<0.0273	<0.0263	<0.0280	<0.0267	<0.0281	<0.0287	<0.0295	0.0645 J	<0.0311	<0.0332	<0.0324	<0.0329	<0.0331	<0.0275	<0.0268	0.248	<0.0281
<0.0313	<0.0295	<0.0284	<0.0303	0.262 J	<0.0304	<0.0309	<0.0318	<0.307	0.128	<0.0240	<0.0234	0.0417	0.0391	<0.0297	<0.0289	<0.0293	<0.0303
<0.0604	<0.0568	<0.0548	<0.0583	0.297 J	<0.0585	<0.0596	<0.0613	<0.0591	0.509	0.615	0.192	0.595	0.448	<0.0573	<0.0558	<0.0565	<0.0584
<0.0441	<0.0415	<0.0400	<0.0426	0.412	<0.0427	<0.0436	<0.0448	<0.0432	<0.0461	<0.0492	<0.0480	<0.0487	<0.0491	<0.0418	<0.0407	<0.0413	<0.0427
<0.0255	<0.0240	<0.0232	<0.0247	0.219 J	<0.0247	<0.0252	<0.0259	<0.0250	<0.00178	<0.0764	<0.00247	<0.00220	<0.00218	<0.0242	<0.0236	<0.0239	<0.0247
<0.0754	<0.0709	<0.0685	<0.0729	0.146 J	<0.0731	<0.0745	<0.0766	<0.0739	<0.0698	<0.0744	<0.0726	<0.0736	<0.0742	<0.0716	<0.0697	<0.0706	<0.0730
<0.0244	<0.0229	<0.0221	<0.0236	0.336	<0.0236	<0.0241	<0.0248	<0.0239	0.128 J	<0.0240	<0.0435	0.0417 J	0.0391 J	<0.0231	<0.0225	<0.0228	<0.0236
<0.0453	<0.0426	<0.0411	<0.0438	0.0623 J	<0.0438	<0.0447	<0.0460	<0.0444	0.0697	<0.0252	<0.0246	<0.0249	<0.0251	<0.0429	<0.0418	<0.0423	<0.0438
<0.0383	<0.0360	<0.0348	<0.0370	<0.0353	<0.0371	<0.0378	<0.0389	<0.0375	<0.054	<0.0378	<0.0368	<0.0374	<0.0377	0.11	<0.0354	0.222	<0.0371
<0.0371	<0.0349	<0.0337	<0.0359	0.431	<0.0360	<0.0367	<0.0377	<0.0364	<0.00171	0.0879 J							

PHYSICAL RESULTS

North Carolina

34

Sample Location		MW-01	MW-02	DUP-GW	MW-03	MW-04	MW-05	MW-06
Sample Date		06/16/2023	06/14/2023	06/14/2023	06/15/2023	06/16/2023	06/15/2023	06/15/2023
2L Standard (µg/L)								
Unit								
µg/L	10	<0.860	<0.860	<0.860	2.05 J	<0.860	<0.860	0.895 J
µg/L	700	20.6	66.6	66.6	23.7	60.2	32.8	141
µg/L	2	<0.0780	0.195 J	0.195	0.45 J B	<0.0780	0.145 J B	0.135 J B
µg/L	10	1.93 J	1.21 J	1.21	<1.20	<1.20	1.74 J	<1.20
µg/L	15	<0.210	0.655 J	0.655	1.24 J	0.325 J	0.400 J	<0.210
µg/L	6000	<3.70	<3.70	<3.70	<185	<92.5	<3.70	7.05 J
µg/L	1	<0.270	<0.270	<0.270	235	2040	<0.270	0.459 J
µg/L	70	1.75	<0.530	<0.530	<26.5	<13.3	<0.530	<0.530
µg/L	0.4	<0.250	<0.250	<0.250	<12.5	71.4	2.33	<0.250
µg/L	600	<0.200	<0.200	<0.200	385	66.4	1.48	<0.200
µg/L	70	1.99	<0.260	<0.260	16.2 J	<6.50	5.44	<0.260
µg/L	20	<0.810	<0.810	<0.810	<40.5	66.7 J	5.31	<0.810
µg/L	6	<2.40	<2.40	<2.40	386	<60.0	16.1	<2.40
µg/L	70	<0.410	<0.410	<0.410	33.3 J	<10.3	6.91	<0.410
µg/L	600	<0.250	<0.250	<0.250	24.4 J	33.5	<0.250	<0.250
µg/L	400	<0.430	<0.430	1.39	342	<10.8	<0.430	<0.430
µg/L	400	<0.280	<0.280	0.531	91.7	<7.00	<0.280	<0.280
µg/L	500	<0.490	<0.490	<0.490	1570	187	<0.490	<0.490
µg/L	500	<0.260	<0.260	0.323	<13.0	92.9	<0.260	<0.260
µg/L	500	<0.230	<0.230	0.323	1570	280	<0.230	<0.230
µg/L	80	<4.41	<0.781	<0.752	5.06 J	<4.36	<4.43	<4.45
µg/L	400	<4.61	<0.596	<0.574	7.32 J	<4.56	<4.63	<4.65
µg/L	NE	<1.80	<0.729	<0.703	5.46 J	<1.79	<1.81	<1.82
µg/L	NE	<1.90	<0.811	<0.782	3.13 J	<1.88	<1.91	<1.92
µg/L	100	<3.01	<4.11	<3.96	4.45 J	9.55 J	<3.02	<3.04
µg/L	300	<3.41	<0.986	<0.950	6.13 J	<3.37	<3.43	<3.44
µg/L	30	<4.61	<0.801	<0.772	203	<4.56	<4.63	<4.65
µg/L	400	<1.80	<0.914	<0.881	<1.97	3.85 J	<1.81	<1.82
µg/L	6	<3.51	<0.719	<0.693	247	<3.47	9.33 J	<3.54
µg/L	200	<4.31	<0.791	<0.762	7.64 J	<4.27	<4.33	<4.35
All NonDetect								
µg/L	NE	--	<0.00202	0.00231	--	--	--	--
µg/L	0.002	--	<0.00202	0.00294	--	--	--	--

ds (April 2022)

al to the method detection limit and the concentration is an approximate value

enic risk threshold.

ANALYTICAL RESULTS
North Carolina
4

Unit	Sample Location		SG-01	SG-02	SG-03	SG-04	DUP-SG
	Sample Date		7/20/2023	7/20/2023	7/20/2023	7/20/2023	7/20/2023
	NCDEQ SGSL (Res)	NCDEQ SGSL (Non-Res)					
µg/m ³	420	5,300	710	2.7 J	110,000	2.0 J	<5.4
µg/m ³	420	5,300	700	<5.4	<5300	<5.4	<5.4
µg/m ³	19	187	<340	<16	<15000	52	<16
µg/m ³	35,000	440,000	<13.1	4.2 J	<13.1	1.8 J	<13.1
µg/m ³	NE	NE	47,000	4.8 J	3,800,000	2.2 J	<5.1
µg/m ³	NE	NE	420	<5.4	56,000	<5.4	<5.4
µg/m ³	NE	NE	<26.1	23 J	<26.1	9.6 J	<26.1
µg/m ³	12	160	80	<3.5	2400 J	<3.5	<3.5
µg/m ³	4,900	61,000	<290	<14	<13000	60	<14
µg/m ³	2,800	35,000	130	<5.4	43,000	<5.4	<5.4
µg/m ³	42,000	530,000	18,000	<3.8	<3700	<3.8	<3.8
µg/m ³	37	490	1,300	2.3 J	400,000	<4.8	<4.8
µg/m ³	NE	NE	<6.3	1.4 J	<6.3	1.8 J	1.4 J
µg/m ³	700	8,800	<5.5	2.1 J	<5.5	2.6 J	2.4 J
µg/m ³	2,800	35,000	55,000	<4.5	460,000	<4.5	<4.5
µg/m ³	4,900	6,100,000	68,000	<3.9	590,000	<3.8	<3.9
µg/m ³	700	8,800	5,400	<9.6	200,000	<9.5	<9.6
µg/m ³	3	36	<12.1	4.0 J	1900 J	<12.1	<12.1
µg/m ³	700	8,800	140	<4.8	1200 J	<4.8	<4.8
µg/m ³	7,000	88,000	230	2.3 J	130,000	<5.4	<5.4
µg/m ³	35,000	440,000	190	<8.3	4,600	<8.2	<8.3

enic risk threshold.

ANALYTICAL RESULTS
North Carolina
4

Unit	Sample Location		PSG-01	PSG-02	PSG-03	PSG-04	DUP-PSG
	Sample Date		8/3/2023	8/3/2023	8/3/2023	8/3/2023	8/3/2023
	NCDEQ SGSL (Res)	NCDEQ SGSL (Non-Res)					
µg/m ³	13	21	<1.6	<1.6	23	<1.6	<1.6
µg/m ³	420	5,300	<5.9	<2.8	9.1	<2.8	<2.8
µg/m ³	420	5,300	5.9	2.4	2,500	2.4	6.2
µg/m ³	19	187	<3.3	<3.3	5.4	<3.3	<3.3
µg/m ³	NE	250	7.2	<1.2	52	<1.2	7
µg/m ³	NE	NE	6.1 J	30	30	<10.1	7.3 J
µg/m ³	12	160	15	14	14	16	15
µg/m ³	4,900	61,000	<2.1	<2.1	4.2	<2.1	<2.1
µg/m ³	2,800	35,000	2.7 J	<3.8	890	<3.8	2.4 J
µg/m ³	630	7,900	12 J	<25.1	<25.1	<25.1	<25.1
µg/m ³	42,000	530,000	3.6	<1.8	1,600	1.7 J	4
µg/m ³	37	490	3.0 J	5	2,600	5	2.9 J
µg/m ³	2,800	35,000	9.7 J	6.8 J	2,800	20	10 J
µg/m ³	4,900	6,100,000	11	2.2	2,900	2.2	11
µg/m ³	700	8,800	<1.6	<1.6	41	1.0 J	<1.6
µg/m ³	700	8,800	0.79 J	<1.6	5.8	0.63 J	0.72 J
µg/m ³	7,000	88,000	0.51 J	<1.3	800	0.60 J	0.56 J
µg/m ³	35,000	440,000	2.5	0.9 J	23	59	2.5

enic risk threshold.

TABLE 6 - HISTORICAL FLUID LEVEL GAUGING DATA
Former Pembroke Bulk Oil Plant| Pembroke, North Carolina
October 20, 2023 | Terracon Proj. No. 70237084



Well ID	Installation Date (mm/dd/yyyy)	Well		Screen Interval (ft bls)	Well Depth (ft bls)	TOC Elevation (ft msl)	Depth to		Product Thickness (ft)	Potentiometric		Comments
		Depth (ft bls)	Well				Product (ft bTOC)	Water (ft bTOC)		Elevation ¹ (ft msl)		
MW-01	06/13/23	14.0	14.0	4-14	14.0	101.32	--	5.35	0.00	95.97		2-inch Type II
MW-02	06/12/23	14.0	14.0	4-14	14.0	99.94	--	3.93	0.00	96.01		2-inch Type II
MW-03	06/13/23	14.0	14.0	4-14	14.0	100.98	--	5.07	0.00	95.91		2-inch Type II
MW-04	06/12/23	14.0	14.0	4-14	14.0	100.13	--	5.45	0.00	94.68		2-inch Type II
MW-05	06/13/23	18.0	18.0	3-18	18.0	100.00	--	4.78	0.00	95.22		2-inch Type II
MW-06	06/13/23	14.0	14.0	4-14	14.0	100.14	--	4.74	0.00	95.40		2-inch Type II

Notes:

ft bls - feet below land surface.

TOC - top of casing.

TOC elevations are based on an arbitrary datum of 100.00 feet msl, established for MW-1.

ft msl - feet mean sea level.

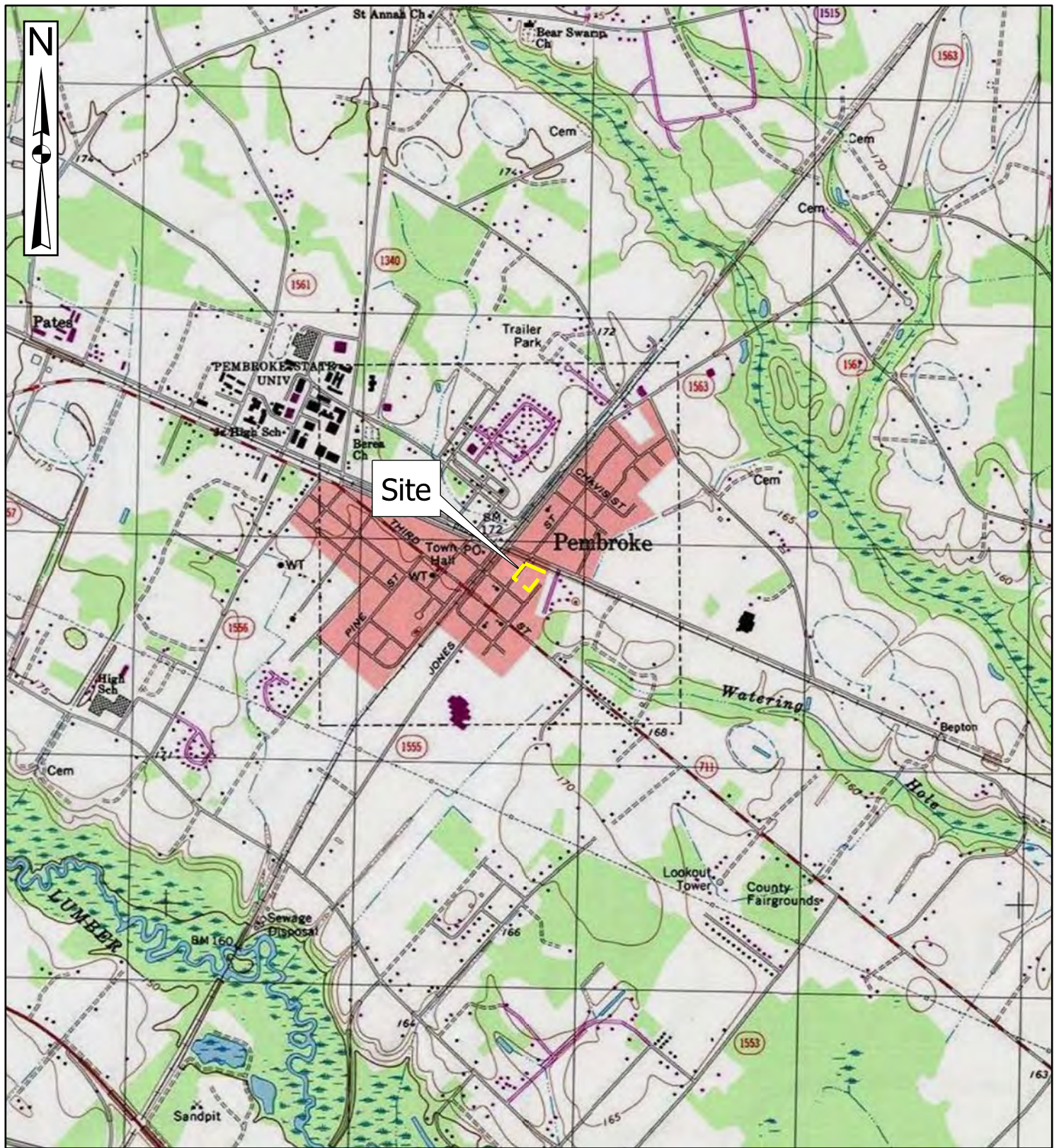
ft bTOC - feet below top of casing.

ft - feet.

1. Based on Petroleum Fuel with the following specific gravity:

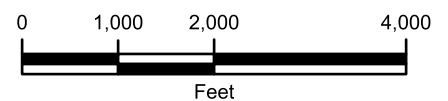
0.73

Figures



Legend

Site Boundary



PM:	HI	Project No.	70237084
Drawn By:	CAP	Scale:	1" = 2,000'
Checked By:	HI	Filename:	PembrokeBulkOilPhasell
Approved By:	JLF	Date:	September 2023

2401 Brentwood Road, Suite 107	Raleigh, NC 27604
Phone: (919) 873-2211	Fax: (919) 873-9555

Topographic Vicinity Map	FIGURE NO.
Former Pembroke Bulk Oil Plant NCBRS Site ID: 24024-20-078 S. Jones Street and Blaine Street Pembroke, Robeson County, North Carolina	1



PM:	HI	Project No.	70237084
Drawn By:	CAP	Scale:	1 in = 70 ft
Checked By:	HI	Filename:	Former Pembroke Bulk Plant
Approved By:	HI	Date:	September 2023

Terracon
Explore with us

2401 Brentwood Road, Suite 107 Raleigh, NC 27604
 Phone: (919) 873-2211 Fax: (919) 873-9555

Site Layout	FIGURE NO.
Former Pembroke Bulk Oil Plant NCBRS Site ID: 24024-20-078 S. Jones Street and Blaine Street Pembroke, Robeson County, North Carolina	2



Legend

Site Boundary (Yellow line)
 Robeson County Parcel Boundary (Black line)
 Monitoring Well (Blue circle with crosshair)
 Groundwater Contours (Blue dashed line)
 Groundwater Flow Arrow (Blue arrow)

DATA SOURCES:
 Latest High-Resolution NC Statewide Orthoimagery, NC OneMap Server, 2021; Site Boundary based on NC One Map Robeson County Parcel Data

PM:	HI	Project No.	70237084
Drawn By:	CAP	Scale:	1 in = 70 ft
Checked By:	HI	Filename:	Former Pembroke Bulk Plant
Approved By:	HI	Date:	September 2023



Terracon
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2401 Brentwood Road, Suite 107 Raleigh, NC 27604

Phone: (919) 873-2211 Fax: (919) 873-9555

Groundwater Elevation Map	FIGURE NO.
Former Pembroke Bulk Oil Plant NCBRS Site ID: 24024-20-078 S. Jones Street and Blaine Street Pembroke, Robeson County, North Carolina	3

APPENDIX F

CREDENTIALS

ALEXANDER MANOLUKAS

FIELD SCIENTIST

PROFESSIONAL EXPERIENCE

Mr. Manolukas is Field Scientist in Terracon's Raleigh, NC, office with over 3 years of relevant experience. Mr. Manolukas attended the University of North Carolina Wilmington and received a Bachelor of Arts in Geoscience with a minor in Geology. He routinely performs field services such as performing soil, groundwater, soil vapor, and indoor air sampling. He has also supervised monitoring well installation and has experience performing Phase II Limited Site Investigations (LSIs). Mr. Manolukas also has experience with ESRI ArcGIS software and the creation of figures for proposals, ESAs, and LSIs.

Mr. Manolukas has provided field services and report preparation services for various projects in Virginia and North Carolina.

PROJECT EXPERIENCE

Program Experience

Underground Storage Tanks (NCDEQ State Lead Program)

Mr. Manolukas has conducted groundwater and soil sampling for numerous Underground Storage Tanks (UST) assessment projects for the North Carolina Department of Environmental Quality's (NCDEQ) State Lead Program, which oversees the contracted assessment of orphan UST sites in North Carolina. Mr. Manolukas has also oversaw monitoring well installation and assisted with writing State Lead reports. Groundwater monitoring wells were sampled using an array of pumps and equipment (e.g., monsoon, peristaltic, YSI, turbidity meter) as part of low-flow sampling protocols.

Phase I Environmental Site Assessments

Mr. Manolukas has assisted on several Phase I ESAs in North Carolina and Virginia. Sites include hundreds of acres to be developed into solar farms, buildings and undeveloped land in urban locations. Several assessments have resulted in the identification of RECS and the completion of soil and groundwater sampling to confirm the presence of contaminants on the property and to obtain regulatory closure as required.

Education

*Bachelor of Arts, 2020, Geoscience,
University of North Carolina -
Wilmington*

Certifications

OSHA 40 hour HAZWOPER (2021)

Work History

*Terracon Consultants, Inc.,
Assistant Scientist, 2021-Present*

*GIS & Surveying Intern, Cape Fear
Public Utility Authority, 2020-21*

*IT Director Assistant and
Technician, Cape Fear Academy,
2015-17*

OLIVIA A. VENO

STAFF SCIENTIST

PROFESSIONAL EXPERIENCE

Ms. Veno is a Staff Scientist in Terracon's Raleigh, NC, office with three years of relevant experience. Ms. Veno attended Towson University and received a Bachelor of Science in Environmental Science. She routinely performs and manages Phase I Environmental Site Assessment site inspections and report preparations and assists with the project management of Limited Site Assessments.

PROJECT EXPERIENCE

Ms. Veno has conducted and assisted on numerous Phase I ESAs in the states of North Carolina, Maryland, Florida, Michigan, and Virginia. Projects have included industrial, commercial, residential multi-family, telecommunication towers, and undeveloped properties in both urban and rural locations. Numerous assessments have resulted in the completion of soil and groundwater sampling to investigate the potential presence of contaminants and to obtain regulatory closure as required.

Phase I Environmental Site Assessments

- **Edwards Woods Products – Laurinburg, North Carolina**
Phase I ESA for two facilities that conduct sawmill and pallet manufacturing operations. Ms. Veno was responsible for conducting the field visit client communications, historical research review, report preparation, and on time delivery.
- **Former Elementary School Parcel – Robbins, North Carolina**
Phase I ESA for a vacant parcel of land that had previously housed an elementary school. Ms. Veno was responsible for client communication and coordination, conducting the field visit, historical research review, report preparation, and on time delivery.
- **Proposed Police Station– Angier, North Carolina**
Phase I ESA for a vacant parcel of land that was previously constructed with an unknown commercial structure, a storage lot, and a railroad. Ms. Veno was responsible for client communication and coordination, conducting the field visit, historical research review, report preparation, and on time delivery. RECs were identified at the site and Ms. Veno assisted the client with a proposal for a limited site investigation.

Limited Site Investigation

Ms. Veno has worked on numerous LSIs throughout North Carolina. Responsibilities have included proposal time, budgeting, scope, report and field activity overview, and client communication.

Education

Bachelor of Science, Environmental Science, Towson University, 2019

Certifications

40-Hour Hazardous Waste Operations and Emergency Response (HAZWOPER) Training (Dec. 2021)

HAZWOPER 8-hour refresher (Dec. 2022- 2023)

Work History

Terracon Consultants, Inc., Staff Scientist, April 2022 – Present

Advantage Environmental Consultants, Staff Scientist, January 2021 – March 2022

Spill Prevention, Control, and Countermeasure Plan

Ms. Veno has assisted on SPCC plans in the states of North Carolina and Virginia. Responsibilities for these reports have included conducting a visual field inspection, report preparation, and client communication.

Brownfields Work

Ms. Veno has written three Brownfields Assessment Grants for towns and cities located throughout North Carolina. Responsibilities have included communication with Town and City managers, research, report preparation, and on time delivery for EPA submittal.

Hayley M. Irick, PG

BROWNFIELDS AND DUE DILIGENCE DEPARTMENT MANAGER

PROFESSIONAL EXPERIENCE

Hayley is a graduate of the University of North Carolina at Chapel Hill where she earned her Bachelor of Science in Geology. She is the Brownfields and Due Diligence Department Manager in Terracon's Raleigh, North Carolina office. Hayley routinely manages brownfields redevelopment projects from start to finish, assists communities apply for and administer federal EPA Brownfields Grants, routinely completes and manages Phase I Environmental Site Assessments (ESAs) and Phase II Limited Site Investigations (LSIs).

Hayley brings unique and specialized experience as Terracon's local Brownfields Program Manager. Having previously worked for the NCDEQ Brownfields Program, she understands the expectations and guidelines that guide both the state and federal brownfields programs. Ms. Irick's experience and capacity include grant writing services, preparation of Phase I ESAs, LSIs, cleanup plans, Health and Safety Plans (HASPs), participation in public meetings, communicating with landowners and key parties, cleanup and remediation activities, and oversight. Hayley also oversees field activities as a licensed Professional Geologist.

PROJECT EXPERIENCE

NCDEQ Brownfields Program

Hayley has assisted numerous public and private clients navigate NCDEQ's Brownfields Program, which provides liability protection and tax incentives to developers of brownfields properties across North Carolina. She has assisted in the development and submittal of Brownfields Property Applications, facilitated negotiations and communication between developers, municipalities and local governments, property owners, consultants, attorneys, the public, stakeholders, responsible parties and NCDEQ. She has designed Data Gap Assessment Work Plans and supervised the execution and reporting of Data Gap Assessments for these projects. Following the identification and assessment of data gaps, Hayley has developed Environmental Management Plans to guide redevelopment activities. Additionally, Hayley has assisted developers during the development of the brownfields survey plat and Brownfields Property Agreements with NCDEQ. Hayley has worked on a myriad of different brownfields properties in urban and rural areas including former industrial sites, textile mills, dry cleaners, gas stations, and others to transform blighted properties into prosperous and productive pillars of the community.

EPA Brownfields & Community Outreach

Hayley has over 8 years of experience managing brownfields outreach coordination efforts including presenting to municipal leaders on the benefits of engaging in brownfields. She has a thorough understanding of working in and with rural Tier 1 and 2 counties on complex brownfields projects funded through the EPA's Brownfields Grant program. During her outreach work, Hayley has been able to maximize her relationships with communities and municipalities, non-profits, universities, federal and state partners, and private sector entities to provide redevelopment options to the communities across North Carolina. Recently, Hayley has aided communities and municipalities seeking EPA Brownfields Grants or other technical assistance and assisted in the management of Columbus County and the Cities of Laurinburg and Lumberton's EPA Brownfields Assessment grants. Hayley has experience working directly with EPA Region 4, NC Councils of Government, the Governors Hometown Strong Initiative, the UNC School of Government Development Finance Institute, and the Urban Land Institute.

Phase I Environmental Site Assessments

Hayley has conducted and assisted on numerous Phase I ESAs in the states of North Carolina and Virginia. Projects have included industrial, commercial, residential multi-family, and undeveloped properties in both urban and rural locations. Several assessments have resulted in the completion of soil and groundwater sampling to investigate the potential presence of contaminants and to obtain regulatory closure as required.



EDUCATION

*Bachelor of Science,
Geological Sciences, The
University of North Carolina at
Chapel Hill, 2013*

CERTIFICATIONS

*Licensed Professional
Geologist (P.G.)*

NC # 2810

VA (pending)

*Environmental Professional
(E.P.)*

OSHA 40-Hour HAZWOPER

WORK HISTORY

*Terracon Consultants, Inc.
November 2021 – present*

*NCDEQ Brownfields Program
January 2016 – October 2021*

APPENDIX G
DESCRIPTION OF TERMS
AND ACRONYMS

Description of Selected General Terms and Acronyms

Term/Acronym	Description
ACM	Asbestos Containing Material. Asbestos is a naturally occurring mineral, three varieties of which (chrysotile, amosite, crocidolite) have been commonly used as fireproofing or binding agents in construction materials. Exposure to asbestos, as well as ACM, has been documented to cause lung diseases including asbestosis (scarring of the lung), lung cancer and mesothelioma (a cancer of the lung lining). Regulatory agencies have generally defined ACM as a material containing greater than one (1) percent asbestos, however some states (e.g., California) define ACM as materials having 0.1% asbestos. In order to define a homogenous material as non-ACM, a minimum number of samples must be collected from the material dependent upon its type and quantity. Homogenous materials defined as non-ACM must either have 1) no asbestos identified in all of its samples or 2) an identified asbestos concentration below the appropriate regulatory threshold. Asbestos concentrations are generally determined using polarized light microscopy or transmission electron microscopy. Point counting is an analytical method to statistically quantify the percentage of asbestos in a sample. The asbestos component of ACM may either be friable or non-friable. Friable materials, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure and have a higher potential for a fiber release than non-friable ACM. Non-friable ACM are materials that are firmly bound in a matrix by plastic, cement, etc. and, if handled carefully, will not become friable. Federal and state regulations require that either all suspect building materials be presumed ACM or that an asbestos survey be performed prior to renovation, dismantling, demolition, or other activities that may disturb potential ACM. Notifications are required prior to demolition and/or renovation activities that may impact the condition of ACM in a building. ACM removal may be required if the ACM is likely to be disturbed or damaged during the demolition or renovation. Abatement of friable or potentially friable ACM must be performed by a licensed abatement contractor in accordance with state rules and NESHAP. Additionally, OSHA regulations for work classification, worker training and worker protection will apply.
AHERA	Asbestos Hazard Emergency Response Act
AST	Aboveground Storage Tanks. ASTs are generally described as storage tanks less than 10% of which are below ground (i.e., buried). Tanks located in a basement, but not buried, are also considered ASTs. Whether, and the extent to which, an AST is regulated, is determined on a case-by-case basis and depends upon tank size, its contents and the jurisdiction of its location.
BGS	Below Ground Surface

Description of Selected General Terms and Acronyms

Term/Acrony m	Description
Brownfields	State and/or tribal listing of Brownfield properties addressed by Cooperative Agreement Recipients or Targeted Brownfields Assessments.
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes. BTEX are VOC components found in gasoline and commonly used as analytical indicators of a petroleum hydrocarbon release.
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act (a.k.a. Superfund). CERCLA is the federal act that regulates abandoned or uncontrolled hazardous waste sites. Under this Act, joint and several liability may be imposed on potentially responsible parties for cleanup-related costs.
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System. An EPA compilation of sites having suspected or actual releases of hazardous substances to the environment. CERCLIS also contains information on site inspections, preliminary assessments and remediation of hazardous waste sites. These sites are typically reported to EPA by states and municipalities or by third parties pursuant to CERCLA Section 103.
CESQG	Conditionally Exempt Small Quantity Generators
CFR	Code of Federal Regulations
CREC	Controlled Recognized Environmental Condition is defined in ASTM E1527-21 as "a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority) , with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). A condition considered by the environmental professional to be a controlled recognized environmental condition shall be listed in the findings section of the Phase I Environmental Site Assessment report, and as a recognized environmental condition in the conclusions section of the Phase I Environmental Site Assessment report."
DOT	U.S. Department of Transportation
EPA	U.S. Environmental Protection Agency
ERNS	Emergency Response Notification System. An EPA-maintained federal database which stores information on notifications of oil discharges and hazardous substance releases in quantities greater than the applicable reportable quantity under CERCLA. ERNS is a cooperative data-sharing effort between EPA, DOT, and the National Response Center.
ESA	Environmental Site Assessment

Description of Selected General Terms and Acronyms

Term/Acronym	Description
FRP	Fiberglass Reinforced Plastic
Hazardous Substance	As defined under CERCLA, this is (A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to section 9602 of this title; (C) any hazardous waste having characteristics identified under or listed pursuant to section 3001 of the Solid Waste Disposal Act (with some exclusions); (D) any toxic pollutant listed under section 1317(a) of Title 33; (E) any hazardous air pollutant listed under section 112 of the Clean Air Act; and (F) any imminently hazardous chemical substance or mixture with respect to which the EPA Administrator has taken action under section 2606 of Title 15. This term does not include petroleum, including crude oil or any fraction thereof which is not otherwise listed as a hazardous substance under subparagraphs (A) through (F) above, and the term include natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).
Hazardous Waste	This is defined as having characteristics identified or listed under section 3001 of the Solid Waste Disposal Act (with some exceptions). RCRA, as amended by the Solid Waste Disposal Act of 1980, defines this term as a "solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may (A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating reversible illness; or (B) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed."
HREC	Historical Recognized Environmental Condition is defined in ASTM E1527-21 as "a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted residential use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a historical recognized environmental condition, the environmental professional must determine whether the past release is a recognized environmental condition at the time of the Phase I Environmental Site Assessment is conducted (for example, if there has been a change in the regulatory criteria). If the EP considers the past release to be a recognized environmental condition at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a recognized environmental condition."

Description of Selected General Terms and Acronyms

Term/Acronym	Description
IC/EC	A listing of sites with institutional and/or engineering controls in place. IC include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls. EC include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.
ILP	Innocent Landowner/Operator Program
LQG	Large Quantity Generators
LUST	Leaking Underground Storage Tank. This is a federal term set forth under RCRA for leaking USTs. Some states also utilize this term.
MCL	Maximum Contaminant Level. This Safe Drinking Water concept (and also used by many states as a ground water cleanup criteria) refers to the limit on drinking water contamination that determines whether a supplier can deliver water from a specific source without treatment.
MSDS	Material Safety Data Sheets. Written/printed forms prepared by chemical manufacturers, importers and employers which identify the physical and chemical traits of hazardous chemicals under OSHA's Hazard Communication Standard.
NESHAP	National Emissions Standard for Hazardous Air Pollutants (Federal Clean Air Act). This part of the Clean Air Act regulates emissions of hazardous air pollutants.
NFRAP	Facilities where there is "No Further Remedial Action Planned," as more particularly described under the Records Review section of this report.
NOV	Notice of Violation. A notice of violation or similar citation issued to an entity, company or individual by a state or federal regulatory body indicating a violation of applicable rule or regulations has been identified.
NPDES	National Pollutant Discharge Elimination System (Clean Water Act). The federal permit system for discharges of polluted water.
NPL	The NPL is the EPA's database of uncontrolled or abandoned hazardous waste facilities that have been listed for priority remedial actions under the Superfund Program.
OSHA	Occupational Safety and Health Administration or Occupational Safety and Health Act

Description of Selected General Terms and Acronyms

Term/Acrony m	Description
PACM	Presumed Asbestos-Containing Material. A material that is suspected of containing or presumed to contain asbestos but which has not been analyzed to confirm the presence or absence of asbestos.
PCB	Polychlorinated Biphenyl. A halogenated organic compound commonly in the form of a viscous liquid or resin, a flowing yellow oil, or a waxy solid. This compound was historically used as dielectric fluid in electrical equipment (such as electrical transformers and capacitors, electrical ballasts, hydraulic and heat transfer fluids), and for numerous heat and fire sensitive applications. PCB was preferred due to its durability, stability (even at high temperatures), good chemical resistance, low volatility, flammability, and conductivity. PCBs, however, do not break down in the environment and are classified by the EPA as a suspected carcinogen. 1978 regulations, under the Toxic Substances Control Act, prohibit manufacturing of PCB-containing equipment; however, some of this equipment may still be in use today.
pCi/L	picoCuries per Liter of Air. Unit of measurement for Radon and similar radioactive materials.
PLM	Polarized Light Microscopy (see ACM section of the report, if included in the scope of services)
PST	Petroleum Storage Tank. An AST or UST that contains a petroleum product.
Radon	A radioactive gas resulting from radioactive decay of naturally-occurring radioactive materials in rocks and soils containing uranium, granite, shale, phosphate, and pitchblende. Radon concentrations are measured in picoCuries per Liter of Air. Exposure to elevated levels of radon creates a risk of lung cancer; this risk generally increases as the level of radon and the duration of exposure increases. Outdoors, radon is diluted to such low concentrations that it usually does not present a health concern. However, radon can accumulate in building basements or similar enclosed spaces to levels that can pose a risk to human health. Indoor radon concentrations depend primarily upon the building's construction, design and the concentration of radon in the underlying soil and ground water. The EPA recommended annual average indoor "action level" concentration for residential structures is 4.0 pCi/l.
RCRA	Resource Conservation and Recovery Act. Federal act regulating solid and hazardous wastes from point of generation to time of disposal ("cradle to grave"). 42 U.S.C. 6901 et seq.
RCRA Generators	The RCRA Generators database, maintained by the EPA, lists facilities that generate hazardous waste as part of their normal business practices. Generators are listed as either large (LQG), small (SQG), or conditionally exempt (CESQG). LQG produce at least 1000 kg/month of non-acutely hazardous waste or 1 kg/month of acutely hazardous waste. SQG produce 100-1000 kg/month of non-acutely hazardous waste. CESQG are those that generate less than 100 kg/month of non-acutely hazardous waste.

Description of Selected General Terms and Acronyms

Term/Acrony m	Description
RCRA CORRACTS/ TSDs	The USEPA maintains a database of RCRA facilities associated with treatment, storage, and disposal (TSD) of hazardous materials which are undergoing "corrective action". A "corrective action" order is issued when there is a release of hazardous waste or constituents into the environment from a RCRA facility.
RCRA Non- CORRACTS/ TSDs	The RCRA Non-CORRACTS/TSD Database is a compilation by the USEPA of facilities which report storage, transportation, treatment, or disposal of hazardous waste. Unlike the RCRA CORRACTS/TSD database, the RCRA Non-CORRACTS/TSD database does not include RCRA facilities where corrective action is required.
RCRA Violators List	RAATS. RCRA Administrative Actions Taken. RAATS information is now contained in the RCRIS database and includes records of administrative enforcement actions against facilities for noncompliance.
RCRIS	Resource Conservation and Recovery Information System, as defined in the Records Review section of this report.
REC	Recognized Environmental Conditions are defined by ASTM E1527-21 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. A de minimis condition is not a recognized environmental condition.
SCL	State "CERCLIS" List (see SPL /State Priority List, below).
SPCC	Spill Prevention, Control and Countermeasures. SPCC plans are required under federal law (Clean Water Act and Oil Pollution Act) for any facility storing petroleum in tanks and/or containers of 55-gallons or more that when taken in aggregate exceed 1,320 gallons. SPCC plans are also required for facilities with underground petroleum storage tanks with capacities of over 42,000 gallons. Many states have similar spill prevention programs, which may have additional requirements.
SPL	State Priority List. State list of confirmed sites having contamination in which the state is actively involved in clean up activities or is actively pursuing potentially responsible parties for clean up. Sometimes referred to as a State "CERCLIS" List.
SQG	Small Quantity Generator
SWF/LF	State and/or Tribal database of Solid Waste/Landfill facilities. The database information may include the facility name, class, operation type, area, estimated operational life, and owner.
TPH	Total Petroleum Hydrocarbons

Description of Selected General Terms and Acronyms

Term/Acronym	Description
TRI	Toxic Release Inventory. Routine EPA report on releases of toxic chemicals to the environment based upon information submitted by entities subject to reporting under the Emergency Planning and Community Right to Know Act.
TSCA	Toxic Substances Control Act. A federal law regulating manufacture, import, processing and distribution of chemical substances not specifically regulated by other federal laws (such as asbestos, PCBs, lead-based paint and radon). 15 U.S.C 2601 et seq.
USACE	United States Army Corps of Engineers
USC	United States Code
USGS	United States Geological Survey
USNRCS	United States Department of Agriculture-Natural Resource Conservation Service
UST	Underground Storage Tank. Most federal and state regulations, as well as ASTM E1527-21, define this as any tank, incl., underground piping connected to the tank, that is or has been used to contain hazardous substances or petroleum products and the volume of which is 10% or more beneath the surface of the ground (i.e., buried).
VCP	State and/or Tribal facilities included as Voluntary Cleanup Program sites.
VOC	Volatile Organic Compound

Description of Selected General Terms and Acronyms

Term/Acronym	Description
Wetlands	Areas that are typically saturated with surface or ground water that creates an environment supportive of wetland vegetation (i.e., swamps, marshes, bogs). The <u>Corps of Engineers Wetlands Delineation Manual</u> (Technical Report Y-87-1) defines wetlands as areas inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. For an area to be considered a jurisdictional wetland, it must meet the following criteria: more than 50 percent of the dominant plant species must be categorized as Obligate, Facultative Wetland, or Facultative on lists of plant species that occur in wetlands; the soil must be hydric; and, wetland hydrology must be present. The federal Clean Water Act which regulates “waters of the US,” also regulates wetlands, a program jointly administered by the USACE and the EPA. Waters of the U.S. are defined as: (1) waters used in interstate or foreign commerce, including all waters subject to the ebb and flow of tides; (2) all interstate waters including interstate wetlands; (3) all other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, etc., which the use, degradation, or destruction could affect interstate/ foreign commerce; (4) all impoundments of waters otherwise defined as waters of the U. S., (5) tributaries of waters identified in 1 through 4 above; (6) the territorial seas; and (7) wetlands adjacent to waters identified in 1 through 6 above. Only the USACE has the authority to make a final wetlands jurisdictional determination.

JOSH STEIN

Governor

D. REID WILSON

Secretary

MICHAEL SCOTT

Director



NORTH CAROLINA
Environmental Quality

May 15, 2026

Mr. Donald Kevin Stone
365 Pinewood Lane
Midland, NC 28107

Re: Inactive Hazardous Waste Sites Priority List
PEMBROKE FARM HOME & GARDEN
NONCD0002988
PEMBROKE, ROBESON

Dear Mr. Stone:

The Inactive Hazardous Sites Branch (Branch) of North Carolina Department of Environmental Quality's Division of Waste Management (Division) is responsible for implementing the Inactive Hazardous Sites Response Act found in Part 3 of Article 9, Chapter 130A of the General Statutes (G.S.). In addition to providing oversight and approval of remedial activities at properties contaminated with hazardous substances (sites), the Branch is required to create and maintain an Inactive Hazardous Waste Site Priority List (Priority List) according to G.S. § 130A-310.2. The Priority List is a catalogue of sites where uncontrolled hazardous substances have been identified and evaluated using a standardized scoring system that ranks their relative risk to public health and the environment.

The Branch has a statutory duty to notify both the owners of contaminated properties and the parties known to be responsible for the contamination of the site's inclusion on the Priority List and its assigned rank. Therefore, this letter serves as notification that the site has been included on the FY 2024–25 Priority List. It is not a directive to perform work.

The Priority List can be viewed at the following website: <https://www.deq.nc.gov/waste-management/dwm/sf/ihs/ihsb-sites-priority-list-score-24-25/open>. This list is current as of the end of the State fiscal year on June 30, 2025, so if the site has since received a "No Further Action" determination from the State or has entered the Branch's voluntary cleanup program, you may disregard this letter.

For properties with a recorded Brownfields Agreement, it is important to note that while the property owner receives liability protection, the party responsible for the contamination remains obligated to perform the cleanup. Brownfields Agreements are intended to ensure the safe reuse and redevelopment of contaminated properties, but they do not require full remediation of the site or address contamination that may have migrated to adjacent properties. As a result, owners of properties listed on the Priority List—even those with recorded Brownfields Agreements—will continue to receive these letters until the contamination is fully addressed.



North Carolina Department of Environmental Quality | Division of Waste Management
217 West Jones Street | 1646 Mail Service Center | Raleigh, North Carolina 27699-1646
919.707.8200

If a responsible party or property owner wishes to voluntarily conduct an approved site assessment and cleanup, that party must enter into an agreement with the Branch. Independent cleanups conducted without State oversight and approval are discouraged. If there is neither a Brownfields Agreement nor remedial action taking place, the property owners and/or operators of properties should, at a minimum, take proactive steps to protect the health and safety of all individuals accessing the property, particularly in cases where building occupants may be exposed to vapor intrusion from volatile subsurface contamination.

You can review the files related to this site by accessing the Division's electronic filing system at <https://edocs.deq.nc.gov/WasteManagement/Search.aspx?cr=1> and searching the site name or ID number shown at the top of this letter.

If you have any questions about this letter or want more information about the voluntary cleanup process, please contact either the Western or Eastern Regional Supervisor below, depending on the site's location in the eastern or western part of the state.

Thomas Moore - Western Unit - (336) 776-967

John Walch - Eastern Unit - (919) 707-8356



Sincerely,

Janet Macdonald, Head
Inactive Hazardous Site Branch
Superfund Section



North Carolina Department of Environmental Quality | Division of Waste Management
217 West Jones Street | 1646 Mail Service Center | Raleigh, North Carolina 27699-1646
919.707.8200

JOSH STEIN

Governor

D. REID WILSON

Secretary

MICHAEL SCOTT

Director



May 15, 2026

Mr. Lacy Cummings
Pembroke Farm Home & Garden Supply Inc.
75 Genes Road
Pembroke, NC 28372

Re: Inactive Hazardous Waste Sites Priority List
PEMBROKE FARM HOME & GARDEN
NONCD0002988
PEMBROKE, ROBESON

Dear Mr. Cummings:

The Inactive Hazardous Sites Branch (Branch) of North Carolina Department of Environmental Quality's Division of Waste Management (Division) is responsible for implementing the Inactive Hazardous Sites Response Act found in Part 3 of Article 9, Chapter 130A of the General Statutes (G.S.). In addition to providing oversight and approval of remedial activities at properties contaminated with hazardous substances (sites), the Branch is required to create and maintain an Inactive Hazardous Waste Site Priority List (Priority List) according to G.S. § 130A-310.2. The Priority List is a catalogue of sites where uncontrolled hazardous substances have been identified and evaluated using a standardized scoring system that ranks their relative risk to public health and the environment.

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If you have any questions about this letter or want more information about the voluntary cleanup process, please contact either the Western or Eastern Regional Supervisor below, depending on the site's location in the eastern or western part of the state.

Thomas Moore - Western Unit - (336) 776-967

John Walch - Eastern Unit - (919) 707-8356



Sincerely,

Janet Macdonald, Head
Inactive Hazardous Site Branch
Superfund Section



North Carolina Department of Environmental Quality | Division of Waste Management
217 West Jones Street | 1646 Mail Service Center | Raleigh, North Carolina 27699-1646
919.707.8200



December 2, 2016

Gary R. Wolf
Higgins Benjamin, PLLC
P.O. Box 20570, Greensboro, NC 27420-0570

RE: Phase II – Groundwater Sampling
308 W. 3rd Street
Pembroke, NC

On September 9, 2016, Sherrill Environmental, Inc. (Sherrill) completed a Phase I Environmental Site Assessment for the subject property in Pembroke, NC. The report identified two potential recognized environmental conditions of two above ground tanks containing aqueous nitrogen fertilizer and an adjacent property identified as a former dry cleaner. At your request, Sherrill performed a Phase II groundwater sampling investigation to determine if the recognized environmental conditions had any impact on the subject property. The laboratory report of groundwater analysis is attached.

On November 7, 2016, Sherrill directed Regional Probing Services in the collection of five groundwater samples. Groundwater samples GP1, GP2 and GP3 were collected on the 1.3-acre property that was formerly a drug store (Figure 1). Groundwater samples were collected from the interval of 8 to 12 feet below ground surface. The samples were analyzed for volatile organic compounds by method 8260B. No volatile organic compounds were detected that exceeded a standard.

Groundwater sample GP4 was collected 8 feet west of the above ground tank (12,000-gallon) containing aqueous nitrogen fertilizer. A metal tag on the AST indicated that the tank was built in 1963. A brief visual inspection of the tank indicated that a leak could be associated the gauging tube. Groundwater sample GP5 was collected 30 feet north of the former Southern States building. The groundwater samples were collected from the interval of 12 to 16 feet below the ground surface. The samples were analyzed for nitrate, ammonia and volatile organic compounds by method 8260B. Low concentrations of BTEX related compounds were detected in the sample from GP4, with only benzene at 2.5 ug/L exceeding a 2L Groundwater Standard. Ammonia was detected in a concentration of 17,000 mg/L at GP4 and 120 mg/L at GP5. Ammonia has an Interim Maximum Allowable Concentration of 1.5 mg/L. Nitrate was detected in a concentration of 7,600 mg/L at GP4 and 210 mg/L at GP5. The 2L Groundwater Standard for nitrate is 10 mg/L.

3326 Rugby Rd. Durham, NC 27707

ph. 919.493.6555

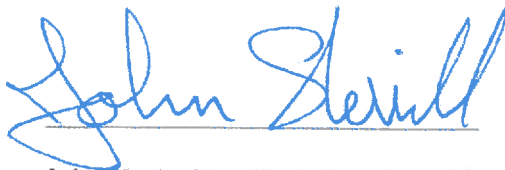
cell. 919.418.3894

email. sherrill@nc.rr.com

In summary, no significant groundwater contamination was identified associated with the former drug store property. Significant ammonia and nitrate contamination was identified associated the aqueous nitrogen fertilizer above ground tanks. The property owner should report this groundwater violation to the Fayetteville Regional Office of the NC Department of Environmental Quality.

Sincerely,

SHERRILL ENVIRONMENTAL, INC.



John (Jack) Sherrill, L.G. #NC 1459



3326 Rugby Rd. Durham, NC 27707

ph. 919.493.6555

cell. 919.418.3894

email. sherrill@nc.rr.com

Figure 1. Groundwater Sampling Locations





ENCO Laboratories

Accurate. Timely. Responsive. Innovative.

102-A Woodwinds Industrial Court

Cary NC, 27511

Phone: 919.467.3090 FAX: 919.467.3515

Wednesday, November 16, 2016

Sherrill Environmental, Inc. (SH004)

Attn: Jack Sherrill

3326 Rugby Road

Durham, NC 27707

RE: Laboratory Results for

Project Number: [none], Project Name/Desc: Pembroke

ENCO Workorder(s): CZ16419

Dear Jack Sherrill,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Tuesday, November 8, 2016.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

The analytical results contained in this report are in compliance with NELAC standards, except as noted in the project narrative. This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Unless otherwise noted, all analyses were performed at ENCO Cary. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Stephanie Franz

Project Manager

Enclosure(s)

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: GP-1		Lab ID: CZ16419-01		Sampled: 11/07/16 12:05		Received: 11/08/16 12:00	
Parameter	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)			
EPA 8260B	11/21/16	11/08/16 14:03		11/09/16 05:56			
Client ID: GP-2		Lab ID: CZ16419-02		Sampled: 11/07/16 12:45		Received: 11/08/16 12:00	
Parameter	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)			
EPA 8260B	11/21/16	11/08/16 14:03		11/09/16 06:25			
Client ID: GP-3		Lab ID: CZ16419-03		Sampled: 11/07/16 13:20		Received: 11/08/16 12:00	
Parameter	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)			
EPA 8260B	11/21/16	11/08/16 14:03		11/09/16 06:54			
Client ID: GP-4		Lab ID: CZ16419-04		Sampled: 11/07/16 16:05		Received: 11/08/16 12:00	
Parameter	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)			
EPA 353.2	11/09/16 16:05	11/09/16 08:01		11/09/16 09:50			
EPA 353.2	08/03/19	11/15/16 10:33		11/15/16 10:49			
EPA 8260B	11/21/16	11/08/16 14:03		11/09/16 07:52			
Client ID: GP-4		Lab ID: CZ16419-04RE2		Sampled: 11/07/16 16:05		Received: 11/08/16 12:00	
Parameter	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)			
EPA 350.1	12/05/16	11/15/16 07:49		11/15/16 13:17			
Client ID: GP-4		Lab ID: CZ16419-04RE3		Sampled: 11/07/16 16:05		Received: 11/08/16 12:00	
Parameter	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)			
EPA 353.2	12/05/16	11/14/16 11:03		11/15/16 07:51			
Client ID: GP-5		Lab ID: CZ16419-05		Sampled: 11/07/16 15:40		Received: 11/08/16 12:00	
Parameter	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)			
EPA 350.1	12/05/16	11/15/16 07:49		11/15/16 09:14			
EPA 353.2	11/09/16 15:40	11/09/16 08:01		11/09/16 09:50			
EPA 353.2	08/03/19	11/15/16 10:33		11/15/16 10:49			
EPA 8260B	11/21/16	11/08/16 14:03		11/09/16 07:23			
Client ID: GP-5		Lab ID: CZ16419-05RE1		Sampled: 11/07/16 15:40		Received: 11/08/16 12:00	
Parameter	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)			
EPA 353.2	12/05/16	11/14/16 11:03		11/14/16 12:56			
Client ID: Trip Blank		Lab ID: CZ16419-06		Sampled: 11/07/16 12:05		Received: 11/08/16 12:00	
Parameter	Hold Date/Time(s)	Prep Date/Time(s)		Analysis Date/Time(s)			
EPA 8260B	11/21/16	11/08/16 14:03		11/09/16 05:27			

SAMPLE DETECTION SUMMARY

Client ID: GP-1		Lab ID: CZ16419-01					
<u>Analyte</u>	<u>Results</u>	<u>Flag</u>	<u>MDL</u>	<u>PQL</u>	<u>Units</u>	<u>Method</u>	<u>Notes</u>
Methyl-tert-Butyl Ether	0.41	J	0.16	1.0	ug/L	EPA 8260B	
tert-Butylbenzene	0.78	J	0.17	1.0	ug/L	EPA 8260B	
Client ID: GP-2		Lab ID: CZ16419-02					
<u>Analyte</u>	<u>Results</u>	<u>Flag</u>	<u>MDL</u>	<u>PQL</u>	<u>Units</u>	<u>Method</u>	<u>Notes</u>
Isopropylbenzene	0.47	J	0.14	1.0	ug/L	EPA 8260B	
sec-Butylbenzene	1.6		0.10	1.0	ug/L	EPA 8260B	
Client ID: GP-4		Lab ID: CZ16419-04					
<u>Analyte</u>	<u>Results</u>	<u>Flag</u>	<u>MDL</u>	<u>PQL</u>	<u>Units</u>	<u>Method</u>	<u>Notes</u>
1,2,4-Trimethylbenzene	0.53	J	0.10	1.0	ug/L	EPA 8260B	
2-Butanone	14		1.3	5.0	ug/L	EPA 8260B	
Acetone	59		10	20	ug/L	EPA 8260B	
Benzene	2.5		0.15	1.0	ug/L	EPA 8260B	
Carbon disulfide	2.4	J	1.5	5.0	ug/L	EPA 8260B	
m,p-Xylenes	1.0	J	0.17	2.0	ug/L	EPA 8260B	
Methyl-tert-Butyl Ether	5.3		0.16	1.0	ug/L	EPA 8260B	
Naphthalene	5.7		0.11	1.0	ug/L	EPA 8260B	
Nitrate as N	7600		0.025	0.10	mg/L	EPA 353.2	
Nitrite as N	0.68		0.017	0.10	mg/L	EPA 353.2	
o-Xylene	1.0		0.065	1.0	ug/L	EPA 8260B	
Toluene	3.2		0.14	1.0	ug/L	EPA 8260B	
Xylenes (Total)	2.1	J	0.45	3.0	ug/L	EPA 8260B	
Client ID: GP-4		Lab ID: CZ16419-04RE2					
<u>Analyte</u>	<u>Results</u>	<u>Flag</u>	<u>MDL</u>	<u>PQL</u>	<u>Units</u>	<u>Method</u>	<u>Notes</u>
Ammonia as N	17000	D	400	900	mg/L	EPA 350.1	
Client ID: GP-4		Lab ID: CZ16419-04RE3					
<u>Analyte</u>	<u>Results</u>	<u>Flag</u>	<u>MDL</u>	<u>PQL</u>	<u>Units</u>	<u>Method</u>	<u>Notes</u>
Nitrate/Nitrite as N	7600	D	400	980	mg/L	EPA 353.2	
Client ID: GP-5		Lab ID: CZ16419-05					
<u>Analyte</u>	<u>Results</u>	<u>Flag</u>	<u>MDL</u>	<u>PQL</u>	<u>Units</u>	<u>Method</u>	<u>Notes</u>
Ammonia as N	120	D	4.0	9.0	mg/L	EPA 350.1	
Nitrate as N	210		0.025	0.10	mg/L	EPA 353.2	
Nitrite as N	1.1		0.017	0.10	mg/L	EPA 353.2	
Client ID: GP-5		Lab ID: CZ16419-05RE1					
<u>Analyte</u>	<u>Results</u>	<u>Flag</u>	<u>MDL</u>	<u>PQL</u>	<u>Units</u>	<u>Method</u>	<u>Notes</u>
Nitrate/Nitrite as N	210	D	4.0	9.8	mg/L	EPA 353.2	

ANALYTICAL RESULTS

Description: GP-1

Lab Sample ID: CZ16419-01

Received: 11/08/16 12:00

Matrix: Ground Water

Sampled: 11/07/16 12:05

Work Order: CZ16419

Project: Pembroke

Sampled By: Jack Sherrill

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.17	U	ug/L	1	0.17	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
1,1,1-Trichloroethane [71-55-6]^	0.12	U	ug/L	1	0.12	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
1,1,2,2-Tetrachloroethane [79-34-5]^	0.28	U	ug/L	1	0.28	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
1,1,2-Trichloroethane [79-00-5]^	0.14	U	ug/L	1	0.14	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
1,1-Dichloroethane [75-34-3]^	0.13	U	ug/L	1	0.13	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
1,1-Dichloroethene [75-35-4]^	0.21	U	ug/L	1	0.21	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
1,1-Dichloropropene [563-58-6]^	0.15	U	ug/L	1	0.15	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
1,2,3-Trichlorobenzene [87-61-6]^	0.012	U	ug/L	1	0.012	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
1,2,3-Trichloropropane [96-18-4]^	0.23	U	ug/L	1	0.23	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
1,2,4-Trichlorobenzene [120-82-1]^	0.14	U	ug/L	1	0.14	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
1,2,4-Trimethylbenzene [95-63-6]^	0.10	U	ug/L	1	0.10	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
1,2-Dibromo-3-chloropropane [96-12-8]^	0.48	U	ug/L	1	0.48	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
1,2-Dibromoethane [106-93-4]^	0.66	U	ug/L	1	0.66	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
1,2-Dichlorobenzene [95-50-1]^	0.19	U	ug/L	1	0.19	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
1,2-Dichloroethane [107-06-2]^	0.21	U	ug/L	1	0.21	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
1,2-Dichloropropane [78-87-5]^	0.10	U	ug/L	1	0.10	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
1,3,5-Trimethylbenzene [108-67-8]^	0.30	U	ug/L	1	0.30	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
1,3-Dichlorobenzene [541-73-1]^	0.15	U	ug/L	1	0.15	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
1,3-Dichloropropane [142-28-9]^	0.16	U	ug/L	1	0.16	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
1,4-Dichlorobenzene [106-46-7]^	0.19	U	ug/L	1	0.19	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
2,2-Dichloropropane [594-20-7]^	0.28	U	ug/L	1	0.28	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
2-Butanone [78-93-3]^	1.3	U	ug/L	1	1.3	5.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
2-Chloroethyl Vinyl Ether [110-75-8]^	1.1	U	ug/L	1	1.1	5.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
2-Chlorotoluene [95-49-8]^	0.081	U	ug/L	1	0.081	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
2-Hexanone [591-78-6]^	0.88	U	ug/L	1	0.88	5.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
4-Chlorotoluene [106-43-4]^	0.068	U	ug/L	1	0.068	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
4-Isopropyltoluene [99-87-6]^	0.085	U	ug/L	1	0.085	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
4-Methyl-2-pentanone [108-10-1]^	1.1	U	ug/L	1	1.1	5.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
Acetone [67-64-1]^	10	U	ug/L	1	10	20	6K08017	EPA 8260B	11/09/16 05:56	MRK	
Benzene [71-43-2]^	0.15	U	ug/L	1	0.15	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
Bromobenzene [108-86-1]^	0.16	U	ug/L	1	0.16	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
Bromochloromethane [74-97-5]^	0.48	U	ug/L	1	0.48	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
Bromodichloromethane [75-27-4]^	0.17	U	ug/L	1	0.17	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
Bromoform [75-25-2]^	0.22	U	ug/L	1	0.22	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
Bromomethane [74-83-9]^	0.14	U	ug/L	1	0.14	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
Carbon disulfide [75-15-0]^	1.5	U	ug/L	1	1.5	5.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
Carbon tetrachloride [56-23-5]^	0.17	U	ug/L	1	0.17	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
Chlorobenzene [108-90-7]^	0.17	U	ug/L	1	0.17	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
Chloroethane [75-00-3]^	0.23	U	ug/L	1	0.23	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
Chloroform [67-66-3]^	0.18	U	ug/L	1	0.18	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
Chloromethane [74-87-3]^	0.13	U	ug/L	1	0.13	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
cis-1,2-Dichloroethene [156-59-2]^	0.15	U	ug/L	1	0.15	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
cis-1,3-Dichloropropene [10061-01-5]^	0.20	U	ug/L	1	0.20	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
Dibromochloromethane [124-48-1]^	0.17	U	ug/L	1	0.17	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
Dibromomethane [74-95-3]^	0.27	U	ug/L	1	0.27	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
Dichlorodifluoromethane [75-71-8]^	0.20	U	ug/L	1	0.20	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
Ethylbenzene [100-41-4]^	0.13	U	ug/L	1	0.13	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	

ANALYTICAL RESULTS

Description: GP-1

Lab Sample ID: CZ16419-01

Received: 11/08/16 12:00

Matrix: Ground Water

Sampled: 11/07/16 12:05

Work Order: CZ16419

Project: Pembroke

Sampled By: Jack Sherrill

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Hexachlorobutadiene [87-68-3]^	0.22	U	ug/L	1	0.22	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
Isopropylbenzene [98-82-8]^	0.14	U	ug/L	1	0.14	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
m,p-Xylenes [108-38-3/106-42-3]^	0.17	U	ug/L	1	0.17	2.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
Methylene chloride [75-09-2]^	0.23	U	ug/L	1	0.23	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
Methyl-tert-Butyl Ether [1634-04-4]^	0.41	J	ug/L	1	0.16	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
Naphthalene [91-20-3]^	0.11	U	ug/L	1	0.11	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
n-Butyl Benzene [104-51-8]^	0.058	U	ug/L	1	0.058	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
n-Propyl Benzene [103-65-1]^	0.12	U	ug/L	1	0.12	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
o-Xylene [95-47-6]^	0.065	U	ug/L	1	0.065	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
sec-Butylbenzene [135-98-8]^	0.10	U	ug/L	1	0.10	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
Styrene [100-42-5]^	0.11	U	ug/L	1	0.11	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
tert-Butylbenzene [98-06-6]^	0.78	J	ug/L	1	0.17	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
Tetrachloroethene [127-18-4]^	0.17	U	ug/L	1	0.17	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
Toluene [108-88-3]^	0.14	U	ug/L	1	0.14	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
trans-1,2-Dichloroethene [156-60-5]^	0.21	U	ug/L	1	0.21	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
trans-1,3-Dichloropropene [10061-02-6]^	0.15	U	ug/L	1	0.15	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
Trichloroethene [79-01-6]^	0.15	U	ug/L	1	0.15	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
Trichlorofluoromethane [75-69-4]^	0.24	U	ug/L	1	0.24	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
Vinyl chloride [75-01-4]^	0.32	U	ug/L	1	0.32	1.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	
Xylenes (Total) [1330-20-7]^	0.45	U	ug/L	1	0.45	3.0	6K08017	EPA 8260B	11/09/16 05:56	MRK	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	49	1	50.0	97 %	53-136	6K08017	EPA 8260B	11/09/16 05:56	MRK	
Dibromofluoromethane	52	1	50.0	103 %	67-129	6K08017	EPA 8260B	11/09/16 05:56	MRK	
Toluene-d8	50	1	50.0	99 %	59-134	6K08017	EPA 8260B	11/09/16 05:56	MRK	

ANALYTICAL RESULTS

Description: GP-2

Lab Sample ID: CZ16419-02

Received: 11/08/16 12:00

Matrix: Ground Water

Sampled: 11/07/16 12:45

Work Order: CZ16419

Project: Pembroke

Sampled By: Jack Sherrill

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	POL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.17	U	ug/L	1	0.17	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
1,1,1-Trichloroethane [71-55-6]^	0.12	U	ug/L	1	0.12	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
1,1,2,2-Tetrachloroethane [79-34-5]^	0.28	U	ug/L	1	0.28	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
1,1,2-Trichloroethane [79-00-5]^	0.14	U	ug/L	1	0.14	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
1,1-Dichloroethane [75-34-3]^	0.13	U	ug/L	1	0.13	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
1,1-Dichloroethene [75-35-4]^	0.21	U	ug/L	1	0.21	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
1,1-Dichloropropene [563-58-6]^	0.15	U	ug/L	1	0.15	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
1,2,3-Trichlorobenzene [87-61-6]^	0.012	U	ug/L	1	0.012	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
1,2,3-Trichloropropane [96-18-4]^	0.23	U	ug/L	1	0.23	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
1,2,4-Trichlorobenzene [120-82-1]^	0.14	U	ug/L	1	0.14	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
1,2,4-Trimethylbenzene [95-63-6]^	0.10	U	ug/L	1	0.10	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
1,2-Dibromo-3-chloropropane [96-12-8]^	0.48	U	ug/L	1	0.48	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
1,2-Dibromoethane [106-93-4]^	0.66	U	ug/L	1	0.66	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
1,2-Dichlorobenzene [95-50-1]^	0.19	U	ug/L	1	0.19	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
1,2-Dichloroethane [107-06-2]^	0.21	U	ug/L	1	0.21	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
1,2-Dichloropropane [78-87-5]^	0.10	U	ug/L	1	0.10	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
1,3,5-Trimethylbenzene [108-67-8]^	0.30	U	ug/L	1	0.30	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
1,3-Dichlorobenzene [541-73-1]^	0.15	U	ug/L	1	0.15	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
1,3-Dichloropropane [142-28-9]^	0.16	U	ug/L	1	0.16	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
1,4-Dichlorobenzene [106-46-7]^	0.19	U	ug/L	1	0.19	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
2,2-Dichloropropane [594-20-7]^	0.28	U	ug/L	1	0.28	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
2-Butanone [78-93-3]^	1.3	U	ug/L	1	1.3	5.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
2-Chloroethyl Vinyl Ether [110-75-8]^	1.1	U	ug/L	1	1.1	5.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
2-Chlorotoluene [95-49-8]^	0.081	U	ug/L	1	0.081	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
2-Hexanone [591-78-6]^	0.88	U	ug/L	1	0.88	5.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
4-Chlorotoluene [106-43-4]^	0.068	U	ug/L	1	0.068	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
4-Isopropyltoluene [99-87-6]^	0.085	U	ug/L	1	0.085	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
4-Methyl-2-pentanone [108-10-1]^	1.1	U	ug/L	1	1.1	5.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
Acetone [67-64-1]^	10	U	ug/L	1	10	20	6K08017	EPA 8260B	11/09/16 06:25	MRK	
Benzene [71-43-2]^	0.15	U	ug/L	1	0.15	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
Bromobenzene [108-86-1]^	0.16	U	ug/L	1	0.16	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
Bromochloromethane [74-97-5]^	0.48	U	ug/L	1	0.48	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
Bromodichloromethane [75-27-4]^	0.17	U	ug/L	1	0.17	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
Bromoform [75-25-2]^	0.22	U	ug/L	1	0.22	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
Bromomethane [74-83-9]^	0.14	U	ug/L	1	0.14	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
Carbon disulfide [75-15-0]^	1.5	U	ug/L	1	1.5	5.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
Carbon tetrachloride [56-23-5]^	0.17	U	ug/L	1	0.17	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
Chlorobenzene [108-90-7]^	0.17	U	ug/L	1	0.17	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
Chloroethane [75-00-3]^	0.23	U	ug/L	1	0.23	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
Chloroform [67-66-3]^	0.18	U	ug/L	1	0.18	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
Chloromethane [74-87-3]^	0.13	U	ug/L	1	0.13	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
cis-1,2-Dichloroethene [156-59-2]^	0.15	U	ug/L	1	0.15	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
cis-1,3-Dichloropropene [10061-01-5]^	0.20	U	ug/L	1	0.20	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
Dibromochloromethane [124-48-1]^	0.17	U	ug/L	1	0.17	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
Dibromomethane [74-95-3]^	0.27	U	ug/L	1	0.27	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
Dichlorodifluoromethane [75-71-8]^	0.20	U	ug/L	1	0.20	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
Ethylbenzene [100-41-4]^	0.13	U	ug/L	1	0.13	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	

ANALYTICAL RESULTS

Description: GP-2

Lab Sample ID: CZ16419-02

Received: 11/08/16 12:00

Matrix: Ground Water

Sampled: 11/07/16 12:45

Work Order: CZ16419

Project: Pembroke

Sampled By: Jack Sherrill

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Hexachlorobutadiene [87-68-3]^	0.22	U	ug/L	1	0.22	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
Isopropylbenzene [98-82-8]^	0.47	J	ug/L	1	0.14	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
m,p-Xylenes [108-38-3/106-42-3]^	0.17	U	ug/L	1	0.17	2.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
Methylene chloride [75-09-2]^	0.23	U	ug/L	1	0.23	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
Methyl-tert-Butyl Ether [1634-04-4]^	0.16	U	ug/L	1	0.16	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
Naphthalene [91-20-3]^	0.11	U	ug/L	1	0.11	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
n-Butyl Benzene [104-51-8]^	0.058	U	ug/L	1	0.058	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
n-Propyl Benzene [103-65-1]^	0.12	U	ug/L	1	0.12	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
o-Xylene [95-47-6]^	0.065	U	ug/L	1	0.065	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
sec-Butylbenzene [135-98-8]^	1.6		ug/L	1	0.10	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
Styrene [100-42-5]^	0.11	U	ug/L	1	0.11	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
tert-Butylbenzene [98-06-6]^	0.17	U	ug/L	1	0.17	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
Tetrachloroethene [127-18-4]^	0.17	U	ug/L	1	0.17	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
Toluene [108-88-3]^	0.14	U	ug/L	1	0.14	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
trans-1,2-Dichloroethene [156-60-5]^	0.21	U	ug/L	1	0.21	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
trans-1,3-Dichloropropene [10061-02-6]^	0.15	U	ug/L	1	0.15	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
Trichloroethene [79-01-6]^	0.15	U	ug/L	1	0.15	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
Trichlorofluoromethane [75-69-4]^	0.24	U	ug/L	1	0.24	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
Vinyl chloride [75-01-4]^	0.32	U	ug/L	1	0.32	1.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
Xylenes (Total) [1330-20-7]^	0.45	U	ug/L	1	0.45	3.0	6K08017	EPA 8260B	11/09/16 06:25	MRK	
Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes	
4-Bromofluorobenzene	48	1	50.0	96 %	53-136	6K08017	EPA 8260B	11/09/16 06:25	MRK		
Dibromofluoromethane	52	1	50.0	104 %	67-129	6K08017	EPA 8260B	11/09/16 06:25	MRK		
Toluene-d8	50	1	50.0	99 %	59-134	6K08017	EPA 8260B	11/09/16 06:25	MRK		

ANALYTICAL RESULTS

Description: GP-3

Lab Sample ID: CZ16419-03

Received: 11/08/16 12:00

Matrix: Ground Water

Sampled: 11/07/16 13:20

Work Order: CZ16419

Project: Pembroke

Sampled By: Jack Sherrill

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	POL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.17	U	ug/L	1	0.17	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
1,1,1-Trichloroethane [71-55-6]^	0.12	U	ug/L	1	0.12	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
1,1,2,2-Tetrachloroethane [79-34-5]^	0.28	U	ug/L	1	0.28	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
1,1,2-Trichloroethane [79-00-5]^	0.14	U	ug/L	1	0.14	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
1,1-Dichloroethane [75-34-3]^	0.13	U	ug/L	1	0.13	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
1,1-Dichloroethene [75-35-4]^	0.21	U	ug/L	1	0.21	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
1,1-Dichloropropene [563-58-6]^	0.15	U	ug/L	1	0.15	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
1,2,3-Trichlorobenzene [87-61-6]^	0.012	U	ug/L	1	0.012	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
1,2,3-Trichloropropane [96-18-4]^	0.23	U	ug/L	1	0.23	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
1,2,4-Trichlorobenzene [120-82-1]^	0.14	U	ug/L	1	0.14	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
1,2,4-Trimethylbenzene [95-63-6]^	0.10	U	ug/L	1	0.10	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
1,2-Dibromo-3-chloropropane [96-12-8]^	0.48	U	ug/L	1	0.48	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
1,2-Dibromoethane [106-93-4]^	0.66	U	ug/L	1	0.66	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
1,2-Dichlorobenzene [95-50-1]^	0.19	U	ug/L	1	0.19	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
1,2-Dichloroethane [107-06-2]^	0.21	U	ug/L	1	0.21	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
1,2-Dichloropropane [78-87-5]^	0.10	U	ug/L	1	0.10	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
1,3,5-Trimethylbenzene [108-67-8]^	0.30	U	ug/L	1	0.30	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
1,3-Dichlorobenzene [541-73-1]^	0.15	U	ug/L	1	0.15	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
1,3-Dichloropropane [142-28-9]^	0.16	U	ug/L	1	0.16	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
1,4-Dichlorobenzene [106-46-7]^	0.19	U	ug/L	1	0.19	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
2,2-Dichloropropane [594-20-7]^	0.28	U	ug/L	1	0.28	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
2-Butanone [78-93-3]^	1.3	U	ug/L	1	1.3	5.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
2-Chloroethyl Vinyl Ether [110-75-8]^	1.1	U	ug/L	1	1.1	5.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
2-Chlorotoluene [95-49-8]^	0.081	U	ug/L	1	0.081	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
2-Hexanone [591-78-6]^	0.88	U	ug/L	1	0.88	5.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
4-Chlorotoluene [106-43-4]^	0.068	U	ug/L	1	0.068	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
4-Isopropyltoluene [99-87-6]^	0.085	U	ug/L	1	0.085	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
4-Methyl-2-pentanone [108-10-1]^	1.1	U	ug/L	1	1.1	5.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
Acetone [67-64-1]^	10	U	ug/L	1	10	20	6K08017	EPA 8260B	11/09/16 06:54	MRK	
Benzene [71-43-2]^	0.15	U	ug/L	1	0.15	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
Bromobenzene [108-86-1]^	0.16	U	ug/L	1	0.16	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
Bromochloromethane [74-97-5]^	0.48	U	ug/L	1	0.48	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
Bromodichloromethane [75-27-4]^	0.17	U	ug/L	1	0.17	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
Bromoform [75-25-2]^	0.22	U	ug/L	1	0.22	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
Bromomethane [74-83-9]^	0.14	U	ug/L	1	0.14	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
Carbon disulfide [75-15-0]^	1.5	U	ug/L	1	1.5	5.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
Carbon tetrachloride [56-23-5]^	0.17	U	ug/L	1	0.17	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
Chlorobenzene [108-90-7]^	0.17	U	ug/L	1	0.17	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
Chloroethane [75-00-3]^	0.23	U	ug/L	1	0.23	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
Chloroform [67-66-3]^	0.18	U	ug/L	1	0.18	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
Chloromethane [74-87-3]^	0.13	U	ug/L	1	0.13	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
cis-1,2-Dichloroethene [156-59-2]^	0.15	U	ug/L	1	0.15	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
cis-1,3-Dichloropropene [10061-01-5]^	0.20	U	ug/L	1	0.20	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
Dibromochloromethane [124-48-1]^	0.17	U	ug/L	1	0.17	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
Dibromomethane [74-95-3]^	0.27	U	ug/L	1	0.27	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
Dichlorodifluoromethane [75-71-8]^	0.20	U	ug/L	1	0.20	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
Ethylbenzene [100-41-4]^	0.13	U	ug/L	1	0.13	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	

ANALYTICAL RESULTS

Description: GP-3

Lab Sample ID: CZ16419-03

Received: 11/08/16 12:00

Matrix: Ground Water

Sampled: 11/07/16 13:20

Work Order: CZ16419

Project: Pembroke

Sampled By: Jack Sherrill

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Hexachlorobutadiene [87-68-3]^	0.22	U	ug/L	1	0.22	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
Isopropylbenzene [98-82-8]^	0.14	U	ug/L	1	0.14	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
m,p-Xylenes [108-38-3/106-42-3]^	0.17	U	ug/L	1	0.17	2.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
Methylene chloride [75-09-2]^	0.23	U	ug/L	1	0.23	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
Methyl-tert-Butyl Ether [1634-04-4]^	0.16	U	ug/L	1	0.16	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
Naphthalene [91-20-3]^	0.11	U	ug/L	1	0.11	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
n-Butyl Benzene [104-51-8]^	0.058	U	ug/L	1	0.058	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
n-Propyl Benzene [103-65-1]^	0.12	U	ug/L	1	0.12	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
o-Xylene [95-47-6]^	0.065	U	ug/L	1	0.065	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
sec-Butylbenzene [135-98-8]^	0.10	U	ug/L	1	0.10	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
Styrene [100-42-5]^	0.11	U	ug/L	1	0.11	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
tert-Butylbenzene [98-06-6]^	0.17	U	ug/L	1	0.17	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
Tetrachloroethene [127-18-4]^	0.17	U	ug/L	1	0.17	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
Toluene [108-88-3]^	0.14	U	ug/L	1	0.14	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
trans-1,2-Dichloroethene [156-60-5]^	0.21	U	ug/L	1	0.21	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
trans-1,3-Dichloropropene [10061-02-6]^	0.15	U	ug/L	1	0.15	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
Trichloroethene [79-01-6]^	0.15	U	ug/L	1	0.15	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
Trichlorofluoromethane [75-69-4]^	0.24	U	ug/L	1	0.24	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
Vinyl chloride [75-01-4]^	0.32	U	ug/L	1	0.32	1.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	
Xylenes (Total) [1330-20-7]^	0.45	U	ug/L	1	0.45	3.0	6K08017	EPA 8260B	11/09/16 06:54	MRK	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	48	1	50.0	97 %	53-136	6K08017	EPA 8260B	11/09/16 06:54	MRK	
Dibromofluoromethane	52	1	50.0	105 %	67-129	6K08017	EPA 8260B	11/09/16 06:54	MRK	
Toluene-d8	50	1	50.0	100 %	59-134	6K08017	EPA 8260B	11/09/16 06:54	MRK	

ANALYTICAL RESULTS

Description: GP-4

Lab Sample ID: CZ16419-04

Received: 11/08/16 12:00

Matrix: Ground Water

Sampled: 11/07/16 16:05

Work Order: CZ16419

Project: Pembroke

Sampled By: Jack Sherrill

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.17	U	ug/L	1	0.17	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
1,1,1-Trichloroethane [71-55-6]^	0.12	U	ug/L	1	0.12	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
1,1,2,2-Tetrachloroethane [79-34-5]^	0.28	U	ug/L	1	0.28	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
1,1,2-Trichloroethane [79-00-5]^	0.14	U	ug/L	1	0.14	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
1,1-Dichloroethane [75-34-3]^	0.13	U	ug/L	1	0.13	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
1,1-Dichloroethene [75-35-4]^	0.21	U	ug/L	1	0.21	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
1,1-Dichloropropene [563-58-6]^	0.15	U	ug/L	1	0.15	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
1,2,3-Trichlorobenzene [87-61-6]^	0.012	U	ug/L	1	0.012	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
1,2,3-Trichloropropane [96-18-4]^	0.23	U	ug/L	1	0.23	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
1,2,4-Trichlorobenzene [120-82-1]^	0.14	U	ug/L	1	0.14	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
1,2,4-Trimethylbenzene [95-63-6]^	0.53	J	ug/L	1	0.10	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
1,2-Dibromo-3-chloropropane [96-12-8]^	0.48	U	ug/L	1	0.48	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
1,2-Dibromoethane [106-93-4]^	0.66	U	ug/L	1	0.66	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
1,2-Dichlorobenzene [95-50-1]^	0.19	U	ug/L	1	0.19	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
1,2-Dichloroethane [107-06-2]^	0.21	U	ug/L	1	0.21	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
1,2-Dichloropropane [78-87-5]^	0.10	U	ug/L	1	0.10	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
1,3,5-Trimethylbenzene [108-67-8]^	0.30	U	ug/L	1	0.30	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
1,3-Dichlorobenzene [541-73-1]^	0.15	U	ug/L	1	0.15	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
1,3-Dichloropropane [142-28-9]^	0.16	U	ug/L	1	0.16	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
1,4-Dichlorobenzene [106-46-7]^	0.19	U	ug/L	1	0.19	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
2,2-Dichloropropane [594-20-7]^	0.28	U	ug/L	1	0.28	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
2-Butanone [78-93-3]^	14		ug/L	1	1.3	5.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
2-Chloroethyl Vinyl Ether [110-75-8]^	1.1	U	ug/L	1	1.1	5.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
2-Chlorotoluene [95-49-8]^	0.081	U	ug/L	1	0.081	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
2-Hexanone [591-78-6]^	0.88	U	ug/L	1	0.88	5.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
4-Chlorotoluene [106-43-4]^	0.068	U	ug/L	1	0.068	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
4-Isopropyltoluene [99-87-6]^	0.085	U	ug/L	1	0.085	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
4-Methyl-2-pentanone [108-10-1]^	1.1	U	ug/L	1	1.1	5.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
Acetone [67-64-1]^	59		ug/L	1	10	20	6K08017	EPA 8260B	11/09/16 07:52	MRK	
Benzene [71-43-2]^	2.5		ug/L	1	0.15	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
Bromobenzene [108-86-1]^	0.16	U	ug/L	1	0.16	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
Bromochloromethane [74-97-5]^	0.48	U	ug/L	1	0.48	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
Bromodichloromethane [75-27-4]^	0.17	U	ug/L	1	0.17	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
Bromoform [75-25-2]^	0.22	U	ug/L	1	0.22	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
Bromomethane [74-83-9]^	0.14	U	ug/L	1	0.14	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
Carbon disulfide [75-15-0]^	2.4	J	ug/L	1	1.5	5.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
Carbon tetrachloride [56-23-5]^	0.17	U	ug/L	1	0.17	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
Chlorobenzene [108-90-7]^	0.17	U	ug/L	1	0.17	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
Chloroethane [75-00-3]^	0.23	U	ug/L	1	0.23	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
Chloroform [67-66-3]^	0.18	U	ug/L	1	0.18	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
Chloromethane [74-87-3]^	0.13	U	ug/L	1	0.13	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
cis-1,2-Dichloroethene [156-59-2]^	0.15	U	ug/L	1	0.15	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
cis-1,3-Dichloropropene [10061-01-5]^	0.20	U	ug/L	1	0.20	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
Dibromochloromethane [124-48-1]^	0.17	U	ug/L	1	0.17	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
Dibromomethane [74-95-3]^	0.27	U	ug/L	1	0.27	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
Dichlorodifluoromethane [75-71-8]^	0.20	U	ug/L	1	0.20	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
Ethylbenzene [100-41-4]^	0.13	U	ug/L	1	0.13	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	

ANALYTICAL RESULTS

Description: GP-4

Lab Sample ID: CZ16419-04

Received: 11/08/16 12:00

Matrix: Ground Water

Sampled: 11/07/16 16:05

Work Order: CZ16419

Project: Pembroke

Sampled By: Jack Sherrill

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Hexachlorobutadiene [87-68-3]^	0.22	U	ug/L	1	0.22	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
Isopropylbenzene [98-82-8]^	0.14	U	ug/L	1	0.14	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
m,p-Xylenes [108-38-3/106-42-3]^	1.0	J	ug/L	1	0.17	2.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
Methylene chloride [75-09-2]^	0.23	U	ug/L	1	0.23	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
Methyl-tert-Butyl Ether [1634-04-4]^	5.3		ug/L	1	0.16	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
Naphthalene [91-20-3]^	5.7		ug/L	1	0.11	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
n-Butyl Benzene [104-51-8]^	0.058	U	ug/L	1	0.058	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
n-Propyl Benzene [103-65-1]^	0.12	U	ug/L	1	0.12	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
o-Xylene [95-47-6]^	1.0		ug/L	1	0.065	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
sec-Butylbenzene [135-98-8]^	0.10	U	ug/L	1	0.10	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
Styrene [100-42-5]^	0.11	U	ug/L	1	0.11	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
tert-Butylbenzene [98-06-6]^	0.17	U	ug/L	1	0.17	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
Tetrachloroethene [127-18-4]^	0.17	U	ug/L	1	0.17	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
Toluene [108-88-3]^	3.2		ug/L	1	0.14	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
trans-1,2-Dichloroethene [156-60-5]^	0.21	U	ug/L	1	0.21	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
trans-1,3-Dichloropropene [10061-02-6]^	0.15	U	ug/L	1	0.15	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
Trichloroethene [79-01-6]^	0.15	U	ug/L	1	0.15	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
Trichlorofluoromethane [75-69-4]^	0.24	U	ug/L	1	0.24	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
Vinyl chloride [75-01-4]^	0.32	U	ug/L	1	0.32	1.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	
Xylenes (Total) [1330-20-7]^	2.1	J	ug/L	1	0.45	3.0	6K08017	EPA 8260B	11/09/16 07:52	MRK	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	49	1	50.0	98 %	53-136	6K08017	EPA 8260B	11/09/16 07:52	MRK	
Dibromofluoromethane	51	1	50.0	102 %	67-129	6K08017	EPA 8260B	11/09/16 07:52	MRK	
Toluene-d8	51	1	50.0	101 %	59-134	6K08017	EPA 8260B	11/09/16 07:52	MRK	

Classical Chemistry Parameters

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7]^	17000	D	mg/L	9000	400	900	6K15002	EPA 350.1	11/15/16 13:17	JLJ	
Nitrate as N [14797-55-8]^	7600		mg/L	1	0.025	0.10	6K15018	EPA 353.2	11/15/16 10:49	JLJ	
Nitrate/Nitrite as N^	7600	D	mg/L	9750	400	980	6K14023	EPA 353.2	11/15/16 07:51	JLJ	
Nitrite as N [14797-65-0]^	0.68		mg/L	1	0.017	0.10	6K09009	EPA 353.2	11/09/16 09:50	JLJ	

ANALYTICAL RESULTS

Description: GP-5

Lab Sample ID: CZ16419-05

Received: 11/08/16 12:00

Matrix: Ground Water

Sampled: 11/07/16 15:40

Work Order: CZ16419

Project: Pembroke

Sampled By: Jack Sherrill

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.17	U	ug/L	1	0.17	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
1,1,1-Trichloroethane [71-55-6]^	0.12	U	ug/L	1	0.12	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
1,1,2,2-Tetrachloroethane [79-34-5]^	0.28	U	ug/L	1	0.28	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
1,1,2-Trichloroethane [79-00-5]^	0.14	U	ug/L	1	0.14	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
1,1-Dichloroethane [75-34-3]^	0.13	U	ug/L	1	0.13	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
1,1-Dichloroethene [75-35-4]^	0.21	U	ug/L	1	0.21	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
1,1-Dichloropropene [563-58-6]^	0.15	U	ug/L	1	0.15	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
1,2,3-Trichlorobenzene [87-61-6]^	0.012	U	ug/L	1	0.012	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
1,2,3-Trichloropropane [96-18-4]^	0.23	U	ug/L	1	0.23	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
1,2,4-Trichlorobenzene [120-82-1]^	0.14	U	ug/L	1	0.14	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
1,2,4-Trimethylbenzene [95-63-6]^	0.10	U	ug/L	1	0.10	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
1,2-Dibromo-3-chloropropane [96-12-8]^	0.48	U	ug/L	1	0.48	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
1,2-Dibromoethane [106-93-4]^	0.66	U	ug/L	1	0.66	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
1,2-Dichlorobenzene [95-50-1]^	0.19	U	ug/L	1	0.19	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
1,2-Dichloroethane [107-06-2]^	0.21	U	ug/L	1	0.21	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
1,2-Dichloropropane [78-87-5]^	0.10	U	ug/L	1	0.10	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
1,3,5-Trimethylbenzene [108-67-8]^	0.30	U	ug/L	1	0.30	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
1,3-Dichlorobenzene [541-73-1]^	0.15	U	ug/L	1	0.15	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
1,3-Dichloropropane [142-28-9]^	0.16	U	ug/L	1	0.16	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
1,4-Dichlorobenzene [106-46-7]^	0.19	U	ug/L	1	0.19	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
2,2-Dichloropropane [594-20-7]^	0.28	U	ug/L	1	0.28	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
2-Butanone [78-93-3]^	1.3	U	ug/L	1	1.3	5.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
2-Chloroethyl Vinyl Ether [110-75-8]^	1.1	U	ug/L	1	1.1	5.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
2-Chlorotoluene [95-49-8]^	0.081	U	ug/L	1	0.081	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
2-Hexanone [591-78-6]^	0.88	U	ug/L	1	0.88	5.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
4-Chlorotoluene [106-43-4]^	0.068	U	ug/L	1	0.068	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
4-Isopropyltoluene [99-87-6]^	0.085	U	ug/L	1	0.085	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
4-Methyl-2-pentanone [108-10-1]^	1.1	U	ug/L	1	1.1	5.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
Acetone [67-64-1]^	10	U	ug/L	1	10	20	6K08017	EPA 8260B	11/09/16 07:23	MRK	
Benzene [71-43-2]^	0.15	U	ug/L	1	0.15	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
Bromobenzene [108-86-1]^	0.16	U	ug/L	1	0.16	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
Bromochloromethane [74-97-5]^	0.48	U	ug/L	1	0.48	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
Bromodichloromethane [75-27-4]^	0.17	U	ug/L	1	0.17	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
Bromoform [75-25-2]^	0.22	U	ug/L	1	0.22	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
Bromomethane [74-83-9]^	0.14	U	ug/L	1	0.14	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
Carbon disulfide [75-15-0]^	1.5	U	ug/L	1	1.5	5.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
Carbon tetrachloride [56-23-5]^	0.17	U	ug/L	1	0.17	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
Chlorobenzene [108-90-7]^	0.17	U	ug/L	1	0.17	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
Chloroethane [75-00-3]^	0.23	U	ug/L	1	0.23	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
Chloroform [67-66-3]^	0.18	U	ug/L	1	0.18	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
Chloromethane [74-87-3]^	0.13	U	ug/L	1	0.13	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
cis-1,2-Dichloroethene [156-59-2]^	0.15	U	ug/L	1	0.15	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
cis-1,3-Dichloropropene [10061-01-5]^	0.20	U	ug/L	1	0.20	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
Dibromochloromethane [124-48-1]^	0.17	U	ug/L	1	0.17	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
Dibromomethane [74-95-3]^	0.27	U	ug/L	1	0.27	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
Dichlorodifluoromethane [75-71-8]^	0.20	U	ug/L	1	0.20	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
Ethylbenzene [100-41-4]^	0.13	U	ug/L	1	0.13	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	

ANALYTICAL RESULTS

Description: GP-5

Lab Sample ID: CZ16419-05

Received: 11/08/16 12:00

Matrix: Ground Water

Sampled: 11/07/16 15:40

Work Order: CZ16419

Project: Pembroke

Sampled By: Jack Sherrill

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Hexachlorobutadiene [87-68-3]^	0.22	U	ug/L	1	0.22	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
Isopropylbenzene [98-82-8]^	0.14	U	ug/L	1	0.14	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
m,p-Xylenes [108-38-3/106-42-3]^	0.17	U	ug/L	1	0.17	2.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
Methylene chloride [75-09-2]^	0.23	U	ug/L	1	0.23	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
Methyl-tert-Butyl Ether [1634-04-4]^	0.16	U	ug/L	1	0.16	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
Naphthalene [91-20-3]^	0.11	U	ug/L	1	0.11	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
n-Butyl Benzene [104-51-8]^	0.058	U	ug/L	1	0.058	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
n-Propyl Benzene [103-65-1]^	0.12	U	ug/L	1	0.12	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
o-Xylene [95-47-6]^	0.065	U	ug/L	1	0.065	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
sec-Butylbenzene [135-98-8]^	0.10	U	ug/L	1	0.10	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
Styrene [100-42-5]^	0.11	U	ug/L	1	0.11	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
tert-Butylbenzene [98-06-6]^	0.17	U	ug/L	1	0.17	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
Tetrachloroethene [127-18-4]^	0.17	U	ug/L	1	0.17	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
Toluene [108-88-3]^	0.14	U	ug/L	1	0.14	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
trans-1,2-Dichloroethene [156-60-5]^	0.21	U	ug/L	1	0.21	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
trans-1,3-Dichloropropene [10061-02-6]^	0.15	U	ug/L	1	0.15	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
Trichloroethene [79-01-6]^	0.15	U	ug/L	1	0.15	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
Trichlorofluoromethane [75-69-4]^	0.24	U	ug/L	1	0.24	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
Vinyl chloride [75-01-4]^	0.32	U	ug/L	1	0.32	1.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	
Xylenes (Total) [1330-20-7]^	0.45	U	ug/L	1	0.45	3.0	6K08017	EPA 8260B	11/09/16 07:23	MRK	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	48	1	50.0	96 %	53-136	6K08017	EPA 8260B	11/09/16 07:23	MRK	
Dibromofluoromethane	52	1	50.0	103 %	67-129	6K08017	EPA 8260B	11/09/16 07:23	MRK	
Toluene-d8	50	1	50.0	99 %	59-134	6K08017	EPA 8260B	11/09/16 07:23	MRK	

Classical Chemistry Parameters

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Ammonia as N [7664-41-7]^	120	D	mg/L	90	4.0	9.0	6K15002	EPA 350.1	11/15/16 09:14	JLJ	
Nitrate as N [14797-55-8]^	210		mg/L	1	0.025	0.10	6K15018	EPA 353.2	11/15/16 10:49	JLJ	
Nitrate/Nitrite as N^	210	D	mg/L	97.5	4.0	9.8	6K14023	EPA 353.2	11/14/16 12:56	JLJ	
Nitrite as N [14797-65-0]^	1.1		mg/L	1	0.017	0.10	6K09009	EPA 353.2	11/09/16 09:50	JLJ	

ANALYTICAL RESULTS

Description: Trip Blank

Lab Sample ID: CZ16419-06

Received: 11/08/16 12:00

Matrix: Water

Sampled: 11/07/16 12:05

Work Order: CZ16419

Project: Pembroke

Sampled By: Jack Sherrill

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6]^	0.17	U	ug/L	1	0.17	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
1,1,1-Trichloroethane [71-55-6]^	0.12	U	ug/L	1	0.12	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
1,1,2,2-Tetrachloroethane [79-34-5]^	0.28	U	ug/L	1	0.28	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
1,1,2-Trichloroethane [79-00-5]^	0.14	U	ug/L	1	0.14	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
1,1-Dichloroethane [75-34-3]^	0.13	U	ug/L	1	0.13	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
1,1-Dichloroethene [75-35-4]^	0.21	U	ug/L	1	0.21	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
1,1-Dichloropropene [563-58-6]^	0.15	U	ug/L	1	0.15	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
1,2,3-Trichlorobenzene [87-61-6]^	0.012	U	ug/L	1	0.012	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
1,2,3-Trichloropropane [96-18-4]^	0.23	U	ug/L	1	0.23	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
1,2,4-Trichlorobenzene [120-82-1]^	0.14	U	ug/L	1	0.14	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
1,2,4-Trimethylbenzene [95-63-6]^	0.10	U	ug/L	1	0.10	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
1,2-Dibromo-3-chloropropane [96-12-8]^	0.48	U	ug/L	1	0.48	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
1,2-Dibromoethane [106-93-4]^	0.66	U	ug/L	1	0.66	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
1,2-Dichlorobenzene [95-50-1]^	0.19	U	ug/L	1	0.19	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
1,2-Dichloroethane [107-06-2]^	0.21	U	ug/L	1	0.21	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
1,2-Dichloropropane [78-87-5]^	0.10	U	ug/L	1	0.10	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
1,3,5-Trimethylbenzene [108-67-8]^	0.30	U	ug/L	1	0.30	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
1,3-Dichlorobenzene [541-73-1]^	0.15	U	ug/L	1	0.15	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
1,3-Dichloropropane [142-28-9]^	0.16	U	ug/L	1	0.16	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
1,4-Dichlorobenzene [106-46-7]^	0.19	U	ug/L	1	0.19	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
2,2-Dichloropropane [594-20-7]^	0.28	U	ug/L	1	0.28	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
2-Butanone [78-93-3]^	1.3	U	ug/L	1	1.3	5.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
2-Chloroethyl Vinyl Ether [110-75-8]^	1.1	U	ug/L	1	1.1	5.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
2-Chlorotoluene [95-49-8]^	0.081	U	ug/L	1	0.081	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
2-Hexanone [591-78-6]^	0.88	U	ug/L	1	0.88	5.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
4-Chlorotoluene [106-43-4]^	0.068	U	ug/L	1	0.068	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
4-Isopropyltoluene [99-87-6]^	0.085	U	ug/L	1	0.085	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
4-Methyl-2-pentanone [108-10-1]^	1.1	U	ug/L	1	1.1	5.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
Acetone [67-64-1]^	10	U	ug/L	1	10	20	6K08017	EPA 8260B	11/09/16 05:27	MRK	
Benzene [71-43-2]^	0.15	U	ug/L	1	0.15	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
Bromobenzene [108-86-1]^	0.16	U	ug/L	1	0.16	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
Bromochloromethane [74-97-5]^	0.48	U	ug/L	1	0.48	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
Bromodichloromethane [75-27-4]^	0.17	U	ug/L	1	0.17	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
Bromoform [75-25-2]^	0.22	U	ug/L	1	0.22	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
Bromomethane [74-83-9]^	0.14	U	ug/L	1	0.14	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
Carbon disulfide [75-15-0]^	1.5	U	ug/L	1	1.5	5.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
Carbon tetrachloride [56-23-5]^	0.17	U	ug/L	1	0.17	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
Chlorobenzene [108-90-7]^	0.17	U	ug/L	1	0.17	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
Chloroethane [75-00-3]^	0.23	U	ug/L	1	0.23	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
Chloroform [67-66-3]^	0.18	U	ug/L	1	0.18	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
Chloromethane [74-87-3]^	0.13	U	ug/L	1	0.13	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
cis-1,2-Dichloroethene [156-59-2]^	0.15	U	ug/L	1	0.15	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
cis-1,3-Dichloropropene [10061-01-5]^	0.20	U	ug/L	1	0.20	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
Dibromochloromethane [124-48-1]^	0.17	U	ug/L	1	0.17	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
Dibromomethane [74-95-3]^	0.27	U	ug/L	1	0.27	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
Dichlorodifluoromethane [75-71-8]^	0.20	U	ug/L	1	0.20	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
Ethylbenzene [100-41-4]^	0.13	U	ug/L	1	0.13	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	

ANALYTICAL RESULTS

Description: Trip Blank

Lab Sample ID: CZ16419-06

Received: 11/08/16 12:00

Matrix: Water

Sampled: 11/07/16 12:05

Work Order: CZ16419

Project: Pembroke

Sampled By: Jack Sherrill

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	PQL	Batch	Method	Analyzed	By	Notes
Hexachlorobutadiene [87-68-3]^	0.22	U	ug/L	1	0.22	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
Isopropylbenzene [98-82-8]^	0.14	U	ug/L	1	0.14	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
m,p-Xylenes [108-38-3/106-42-3]^	0.17	U	ug/L	1	0.17	2.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
Methylene chloride [75-09-2]^	0.23	U	ug/L	1	0.23	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
Methyl-tert-Butyl Ether [1634-04-4]^	0.16	U	ug/L	1	0.16	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
Naphthalene [91-20-3]^	0.11	U	ug/L	1	0.11	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
n-Butyl Benzene [104-51-8]^	0.058	U	ug/L	1	0.058	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
n-Propyl Benzene [103-65-1]^	0.12	U	ug/L	1	0.12	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
o-Xylene [95-47-6]^	0.065	U	ug/L	1	0.065	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
sec-Butylbenzene [135-98-8]^	0.10	U	ug/L	1	0.10	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
Styrene [100-42-5]^	0.11	U	ug/L	1	0.11	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
tert-Butylbenzene [98-06-6]^	0.17	U	ug/L	1	0.17	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
Tetrachloroethene [127-18-4]^	0.17	U	ug/L	1	0.17	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
Toluene [108-88-3]^	0.14	U	ug/L	1	0.14	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
trans-1,2-Dichloroethene [156-60-5]^	0.21	U	ug/L	1	0.21	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
trans-1,3-Dichloropropene [10061-02-6]^	0.15	U	ug/L	1	0.15	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
Trichloroethene [79-01-6]^	0.15	U	ug/L	1	0.15	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
Trichlorofluoromethane [75-69-4]^	0.24	U	ug/L	1	0.24	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
Vinyl chloride [75-01-4]^	0.32	U	ug/L	1	0.32	1.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	
Xylenes (Total) [1330-20-7]^	0.45	U	ug/L	1	0.45	3.0	6K08017	EPA 8260B	11/09/16 05:27	MRK	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	48	1	50.0	97 %	53-136	6K08017	EPA 8260B	11/09/16 05:27	MRK	
Dibromofluoromethane	51	1	50.0	103 %	67-129	6K08017	EPA 8260B	11/09/16 05:27	MRK	
Toluene-d8	50	1	50.0	99 %	59-134	6K08017	EPA 8260B	11/09/16 05:27	MRK	

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 6K08017 - EPA 5030B_MS

Blank (6K08017-BLK1)

Prepared: 11/08/2016 14:03 Analyzed: 11/09/2016 02:04

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	0.17	U	1.0	ug/L							
1,1,1-Trichloroethane	0.12	U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	0.28	U	1.0	ug/L							
1,1,2-Trichloroethane	0.14	U	1.0	ug/L							
1,1-Dichloroethane	0.13	U	1.0	ug/L							
1,1-Dichloroethene	0.21	U	1.0	ug/L							
1,1-Dichloropropene	0.15	U	1.0	ug/L							
1,2,3-Trichlorobenzene	0.012	U	1.0	ug/L							
1,2,3-Trichloropropane	0.23	U	1.0	ug/L							
1,2,4-Trichlorobenzene	0.14	U	1.0	ug/L							
1,2,4-Trimethylbenzene	0.10	U	1.0	ug/L							
1,2-Dibromo-3-chloropropane	0.48	U	1.0	ug/L							
1,2-Dibromoethane	0.66	U	1.0	ug/L							
1,2-Dichlorobenzene	0.19	U	1.0	ug/L							
1,2-Dichloroethane	0.21	U	1.0	ug/L							
1,2-Dichloropropane	0.10	U	1.0	ug/L							
1,3,5-Trimethylbenzene	0.30	U	1.0	ug/L							
1,3-Dichlorobenzene	0.15	U	1.0	ug/L							
1,3-Dichloropropane	0.16	U	1.0	ug/L							
1,4-Dichlorobenzene	0.19	U	1.0	ug/L							
2,2-Dichloropropane	0.28	U	1.0	ug/L							
2-Butanone	1.3	U	5.0	ug/L							
2-Chloroethyl Vinyl Ether	1.1	U	5.0	ug/L							
2-Chlorotoluene	0.081	U	1.0	ug/L							
2-Hexanone	0.88	U	5.0	ug/L							
4-Chlorotoluene	0.068	U	1.0	ug/L							
4-Isopropyltoluene	0.085	U	1.0	ug/L							
4-Methyl-2-pentanone	1.1	U	5.0	ug/L							
Acetone	10	U	20	ug/L							
Benzene	0.15	U	1.0	ug/L							
Bromobenzene	0.16	U	1.0	ug/L							
Bromochloromethane	0.48	U	1.0	ug/L							
Bromodichloromethane	0.17	U	1.0	ug/L							
Bromoform	0.22	U	1.0	ug/L							
Bromomethane	0.14	U	1.0	ug/L							
Carbon disulfide	1.5	U	5.0	ug/L							
Carbon tetrachloride	0.17	U	1.0	ug/L							
Chlorobenzene	0.17	U	1.0	ug/L							
Chloroethane	0.23	U	1.0	ug/L							
Chloroform	0.18	U	1.0	ug/L							
Chloromethane	0.13	U	1.0	ug/L							
cis-1,2-Dichloroethene	0.15	U	1.0	ug/L							
cis-1,3-Dichloropropene	0.20	U	1.0	ug/L							
Dibromochloromethane	0.17	U	1.0	ug/L							
Dibromomethane	0.27	U	1.0	ug/L							
Dichlorodifluoromethane	0.20	U	1.0	ug/L							
Ethylbenzene	0.13	U	1.0	ug/L							
Hexachlorobutadiene	0.22	U	1.0	ug/L							
Isopropylbenzene	0.14	U	1.0	ug/L							

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 6K08017 - EPA 5030B_MS - Continued

Blank (6K08017-BLK1) Continued

Prepared: 11/08/2016 14:03 Analyzed: 11/09/2016 02:04

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
m,p-Xylenes	0.17	U	2.0	ug/L							
Methylene chloride	0.23	U	1.0	ug/L							
Methyl-tert-Butyl Ether	0.16	U	1.0	ug/L							
Naphthalene	0.11	U	1.0	ug/L							
n-Butyl Benzene	0.058	U	1.0	ug/L							
n-Propyl Benzene	0.12	U	1.0	ug/L							
o-Xylene	0.065	U	1.0	ug/L							
sec-Butylbenzene	0.10	U	1.0	ug/L							
Styrene	0.11	U	1.0	ug/L							
tert-Butylbenzene	0.17	U	1.0	ug/L							
Tetrachloroethene	0.17	U	1.0	ug/L							
Toluene	0.14	U	1.0	ug/L							
trans-1,2-Dichloroethene	0.21	U	1.0	ug/L							
trans-1,3-Dichloropropene	0.15	U	1.0	ug/L							
Trichloroethene	0.15	U	1.0	ug/L							
Trichlorofluoromethane	0.24	U	1.0	ug/L							
Vinyl chloride	0.32	U	1.0	ug/L							
Xylenes (Total)	0.45	U	3.0	ug/L							
4-Bromofluorobenzene	48			ug/L	50.0		96	53-136			
Dibromofluoromethane	49			ug/L	50.0		98	67-129			
Toluene-d8	50			ug/L	50.0		99	59-134			

LCS (6K08017-BS1)

Prepared: 11/08/2016 14:03 Analyzed: 11/09/2016 00:07

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	20		1.0	ug/L	20.0		98	75-133			
Benzene	20		1.0	ug/L	20.0		102	81-134			
Chlorobenzene	20		1.0	ug/L	20.0		100	83-117			
Toluene	20		1.0	ug/L	20.0		101	71-118			
Trichloroethene	20		1.0	ug/L	20.0		100	74-119			
4-Bromofluorobenzene	49			ug/L	50.0		98	53-136			
Dibromofluoromethane	49			ug/L	50.0		99	67-129			
Toluene-d8	49			ug/L	50.0		98	59-134			

Matrix Spike (6K08017-MS1)

Prepared: 11/08/2016 14:03 Analyzed: 11/09/2016 00:37

Source: CZ16658-03

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	21		1.0	ug/L	20.0	0.21 U	104	75-133			
Benzene	21		1.0	ug/L	20.0	0.15 U	107	81-134			
Chlorobenzene	21		1.0	ug/L	20.0	0.17 U	103	83-117			
Toluene	21		1.0	ug/L	20.0	0.14 U	104	71-118			
Trichloroethene	21		1.0	ug/L	20.0	0.15 U	104	74-119			
4-Bromofluorobenzene	48			ug/L	50.0		95	53-136			
Dibromofluoromethane	49			ug/L	50.0		97	67-129			
Toluene-d8	49			ug/L	50.0		98	59-134			

QUALITY CONTROL DATA

Volatile Organic Compounds by GCMS - Quality Control

Batch 6K08017 - EPA 5030B_MS - Continued

Matrix Spike Dup (6K08017-MSD1)

Prepared: 11/08/2016 14:03 Analyzed: 11/09/2016 01:05

Source: CZ16658-03

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	20		1.0	ug/L	20.0	0.21 U	98	75-133	7	20	
Benzene	21		1.0	ug/L	20.0	0.15 U	104	81-134	3	17	
Chlorobenzene	20		1.0	ug/L	20.0	0.17 U	100	83-117	3	16	
Toluene	20		1.0	ug/L	20.0	0.14 U	101	71-118	4	17	
Trichloroethene	20		1.0	ug/L	20.0	0.15 U	100	74-119	4	22	
4-Bromofluorobenzene	48			ug/L	50.0		97	53-136			
Dibromofluoromethane	49			ug/L	50.0		97	67-129			
Toluene-d8	50			ug/L	50.0		99	59-134			

Classical Chemistry Parameters - Quality Control

Batch 6K09009 - NO PREP

Blank (6K09009-BLK1)

Prepared: 11/09/2016 08:01 Analyzed: 11/09/2016 09:31

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Nitrite as N	0.017	U	0.10	mg/L							

LCS (6K09009-BS1)

Prepared: 11/09/2016 08:01 Analyzed: 11/09/2016 09:48

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Nitrite as N	1.0		0.10	mg/L	1.00		102	90-110			

Matrix Spike (6K09009-MS1)

Prepared: 11/09/2016 08:01 Analyzed: 11/09/2016 09:32

Source: CZ15948-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Nitrite as N	1.0		0.10	mg/L	1.00	0.017 U	101	90-110			

Matrix Spike (6K09009-MS2)

Prepared: 11/09/2016 08:01 Analyzed: 11/09/2016 09:38

Source: CZ15951-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Nitrite as N	1.0		0.10	mg/L	1.00	0.017 U	100	90-110			

Matrix Spike Dup (6K09009-MSD1)

Prepared: 11/09/2016 08:01 Analyzed: 11/09/2016 09:35

Source: CZ15948-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Nitrite as N	1.0		0.10	mg/L	1.00	0.017 U	100	90-110	1	10	

Batch 6K10006 - NO PREP

Blank (6K10006-BLK1)

Prepared: 11/10/2016 07:47 Analyzed: 11/10/2016 10:28

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Nitrate/Nitrite as N	0.041	U	0.10	mg/L							

LCS (6K10006-BS1)

Prepared: 11/10/2016 07:47 Analyzed: 11/10/2016 10:22

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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FINAL

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

QUALITY CONTROL DATA

Classical Chemistry Parameters - Quality Control

Batch 6K10006 - NO PREP - Continued

LCS (6K10006-BS1) Continued

Prepared: 11/10/2016 07:47 Analyzed: 11/10/2016 10:22

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Nitrate/Nitrite as N	1.2		0.10	mg/L	1.25		97	90-110			

Matrix Spike (6K10006-MS1)

Prepared: 11/10/2016 07:47 Analyzed: 11/10/2016 10:30

Source: CZ15433-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Nitrate/Nitrite as N	51		10	mg/L	50.0	4.1 U	101	90-110			

Matrix Spike (6K10006-MS2)

Prepared: 11/10/2016 07:47 Analyzed: 11/10/2016 10:39

Source: CZ16208-03

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Nitrate/Nitrite as N	2.3		0.10	mg/L	0.513	1.7	119	90-110			QM-07

Matrix Spike Dup (6K10006-MSD1)

Prepared: 11/10/2016 07:47 Analyzed: 11/10/2016 10:35

Source: CZ15433-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Nitrate/Nitrite as N	52		10	mg/L	50.0	4.1 U	104	90-110	2	10	

Batch 6K14023 - NO PREP

Blank (6K14023-BLK1)

Prepared: 11/14/2016 11:03 Analyzed: 11/14/2016 12:04

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Nitrate/Nitrite as N	0.041	U	0.10	mg/L							

LCS (6K14023-BS1)

Prepared: 11/14/2016 11:03 Analyzed: 11/14/2016 12:06

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Nitrate/Nitrite as N	1.2		0.10	mg/L	1.25		96	90-110			

Matrix Spike (6K14023-MS1)

Prepared: 11/14/2016 11:03 Analyzed: 11/14/2016 12:09

Source: CZ15250-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Nitrate/Nitrite as N	0.60		0.10	mg/L	0.513	0.045	108	90-110			

Matrix Spike (6K14023-MS2)

Prepared: 11/14/2016 11:03 Analyzed: 11/14/2016 12:17

Source: CZ15256-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Nitrate/Nitrite as N	0.70		0.10	mg/L	0.513	0.15	107	90-110			

Matrix Spike Dup (6K14023-MSD1)

Prepared: 11/14/2016 11:03 Analyzed: 11/14/2016 12:13

Source: CZ15250-01

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Nitrate/Nitrite as N	0.57		0.10	mg/L	0.513	0.045	102	90-110	5	10	

Batch 6K15002 - NO PREP

QUALITY CONTROL DATA

Classical Chemistry Parameters - Quality Control

Batch 6K15002 - NO PREP - Continued

Blank (6K15002-BLK1)

Prepared: 11/15/2016 07:49 Analyzed: 11/15/2016 08:45

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	0.045	U	0.10	mg/L							

LCS (6K15002-BS1)

Prepared: 11/15/2016 07:49 Analyzed: 11/15/2016 08:47

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	1.0		0.10	mg/L	0.989		106	90-110			

Matrix Spike (6K15002-MS1)

Prepared: 11/15/2016 07:49 Analyzed: 11/15/2016 08:49

Source: CZ15210-01RE1

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	9.2		1.0	mg/L	3.96	5.7	88	90-110			QM-07

Matrix Spike (6K15002-MS2)

Prepared: 11/15/2016 07:49 Analyzed: 11/15/2016 08:57

Source: CZ16292-04

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	0.58		0.10	mg/L	0.385	0.11	122	90-110			QM-07

Matrix Spike Dup (6K15002-MSD1)

Prepared: 11/15/2016 07:49 Analyzed: 11/15/2016 08:53

Source: CZ15210-01RE1

Analyte	Result	Flag	POL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Ammonia as N	11		1.0	mg/L	3.96	5.7	129	90-110	16	10	QM-07, QM-11

FLAGS/NOTES AND DEFINITIONS

- B** The analyte was detected in the associated method blank.
- D** The sample was analyzed at dilution.
- J** The reported value is between the laboratory method detection limit (MDL) and the laboratory method reporting limit (MRL), adjusted for actual sample preparation data and moisture content, where applicable.
- U** The analyte was analyzed for but not detected to the level shown, adjusted for actual sample preparation data and moisture content, where applicable.
- E** The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
- MRL** Method Reporting Limit. The MRL is roughly equivalent to the practical quantitation limit (PQL) and is based on the low point of the calibration curve, when applicable, sample preparation factor, dilution factor, and, in the case of soil samples, moisture content.
- N** The analysis indicates the presence of an analyte for which there is presumptive evidence (85% or greater confidence) to make a "tentative identification".
- P** Greater than 25% concentration difference was observed between the primary and secondary GC column. The lower concentration is reported.
- QM-07** The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- QM-11** Precision between duplicate matrix spikes of the same sample was outside acceptance limits.



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Jacksonville, FL 32216-6069
(904) 296-3007 Fax (904) 296-6210

102-A Woodlands Industrial Ct.
Cary, NC 27511
(919) 467-3090 Fax (919) 467-3515
www.enconlabs.com

Client Name Sherrill Environmental, Inc. (SH004)		Project Number		Requested Analyses	
Address 3326 Rugby Road		Project Name/Desc Pambrake		Nitrate Calc 353.2	
City/State/Zip Durham, NC 27707		PO # / Billing Info		Nitrite as N 353.2	
Tel (919) 493-6555		Fax (919) 493-6554		NOX 353.2	
Sample(s) Name, Affiliation (Print) J. Sherrill		Reporting Contact Jack Sherrill		Ammonia	
Billing Contact Accounts Payable		Site Location / Time Zone			
Sample(s) Signature [Signature]					
Lab Workorder CZ16419		Due Standard Expedited		Note: Rush requests subject to acceptance by the facility	

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	Preservation (See Codes) (Combine as necessary)	Sample Comments
	GAB-1	11/7/16	1205		GW	3	X	
	GAB-2		1245		GW	3	X	
	GAB-3		1320		GW	3	X	
	GAB-4		1605		GW	5	X	
	GAB-5		1540		GW	5	X	
	Trip Blank				WA	2	X	

Sample Kit Prepared By KAY	Date/Time 11/3	Relinquished By [Signature]	Date/Time 11/8/16	Received By [Signature]	Date/Time 11-8-16
Comments/Special Reporting Requirements		Relinquished By	Date/Time	Received By	Date/Time
Main: GW-Groundwater SO-Soil BW-Drinking Water SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments)		Relinquished By	Date/Time	Received By	Date/Time
Note: All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form, unless prior written agreements exist.		Cooler #s & Temps on Receipt 30C	Date/Time	Received By	Date/Time
Condition Upon Receipt Acceptable					

Sample Preservation Verification

ENCO Cary



Work Order: CZ16419

Client: Sherrill Environmental, Inc. (SH004)

Logged In: 08-Nov-16 12:36

Project: Pembroke

Project #: [none]

Logged By: John C King

CZ16419-04

Cont	Type	Pres (pH) Requirement	pH Checked / In Control	pH Adjusted	Date/Time Adjusted	Reagent Used/Comments
B	250mLP+H2SO4	<2	Y / N / NA	Y / N / NA		

CZ16419-05

Cont	Type	Pres (pH) Requirement	pH Checked / In Control	pH Adjusted	Date/Time Adjusted	Reagent Used/Comments
B	250mLP+H2SO4	<2	Y / N / NA	Y / N / NA		

	Reagent Name	ID
1		
2		

	Reagent Name	ID
3		
4		

	Reagent Name	ID
5		
6		

ROY COOPER

Governor

DIONNE DELLI-GATTI

Secretary

MICHAEL SCOTT

Director



NORTH CAROLINA
Environmental Quality

April 30, 2021

CERTIFIED MAIL

RETURN RECEIPT REQUESTED

7018 0040 0001 1450 8795

Bruce & Debra Locklear

PO Box 876

Pembroke, NC 28372

RE: Notice of No Further Action
15A NCAC 2L .0407(d)
Risk-based Assessment and Corrective Action for Petroleum Underground Storage Tanks
Former Glenn's Quick Stop
101 East Railroad Street (Corner of Railroad & Union Streets)
Pembroke, Robeson County, NC
Incident Number 18221

Dear Mr. & Mrs. Locklear:

In August 2020, this site was submitted to the State-Lead Program for assessment of soil and groundwater contamination detected in July 1997 during an environmental investigation and removal of the former UST system. Based upon a review of the historical site information and most recent sampling report there is an indication of some residual contaminated groundwater and soil but not above the applicable standards which would warrant any additional remedial activities. The site was submitted to the North Carolina State-Lead Program due to the financial inability of the former responsible party to conduct the required assessment and/or cleanup.

Based on this information, the UST Section finds it appropriate to classify the risk of the former discharge or release as low and that no further action is warranted for this incident. This determination shall apply unless the UST Section later determines that the discharge or release poses an unacceptable risk or a potentially unacceptable risk to human health or the environment. Since the groundwater does not meet "unrestricted use" standards, meaning that contamination remains above the applicable standards, a notice of residual petroleum was placed on the deed for incident 18221 in Book 2281, Pages 242-243 on 4/26/21 per N.C.G.S 143B-279.9 and 143B-279.11. This notice states that no new water supply wells are permitted on the property until it can be shown that the contamination has reached the unrestricted use standards.

Pursuant to 15A NCAC 2L .0407, you have a continuing obligation to notify the UST Section of any changes that you know of or should know of, that might affect the level of risk assigned to the discharge or release.



North Carolina Department of Environmental Quality | Division of Waste Management
217 West Jones Street | 1646 Mail Service Center | Raleigh, North Carolina 27699-1646
919.707.8200

Please be advised that the monitoring wells or injection wells used to investigate or remediate this incident will be closed in accordance with 15A NCAC 2C .0113 and .0114. If you are receiving bottled water or have point of entry treatment systems that were installed by the UST Section, these will be discontinued and removed by the end of the month.

Since the "unrestricted use" standards were not met, we are required to notify the adjacent property owners, if applicable, county health director, and local city or county manager. They have been copied on this letter simply as part of this requirement. This does not indicate any problem to their properties.

Should you have any questions concerning this notice, please contact Scott Ryals at 919-707-8168 or by e-mail at scott.ryals@ncdenr.gov.

Sincerely,



Wayne Randolph
Head, Trust Fund Branch

Enclosures: Notice of Residual Petroleum
April 8, 2021 Monitoring Report

CC: Wayne Randolph, FRO (e-mail)
Robeson County Health Director, Mr. William Smith, william.smith@robeson.nc.gov
Robeson County Manager, Mrs. Kellie Blue, kellie.blue@co.robeson.nc.us
Geneva Davis, PO Box 22, Pembroke, NC 28372



North Carolina Department of Environmental Quality | Division of Waste Management
217 West Jones Street | 1646 Mail Service Center | Raleigh, North Carolina 27699-1646
919.707.8200

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

James B. Hunt, Jr., Governor
Jonathan B. Howes, Secretary



DIVISION OF WATER QUALITY

February 7, 1997

Ms. Karen Rhyne
BellSouth Telecommunications
300 S. Brevard St., Rm. 14A11
Charlotte, NC 28202

SUBJECT: Underground Storage Tank Closure Report
BellSouth Facility 2C128
Second Street
Pembroke, Robeson County, NC 28374
16785

Dear Ms. Rhyne:

This is to acknowledge receipt of the above mentioned Underground Storage Tank Closure Report dated January 31, 1997, and received in the Fayetteville Regional Office on February 5, 1997.

A review of the closure report for the UST system by the Groundwater staff indicates that no additional excavation, site investigation, nor monitoring is required. Should new information become available concerning this matter, we reserve the right to reopen the investigation.

If you have any questions or need additional information, please contact me or any member of the Groundwater staff of this office at (910) 486-1541.

Sincerely,

Beth R Madis

Beth R. Madis
Hydrogeological Technician

cc: Denise Dixon, Fluor Daniel GTI, 1281 Kennestone Circle NW, Suite 100, Marietta, GA 30066
Fay Sweat, Pollution Control Branch



PAT MCCRORY
Governor

DONALD R. VAN DER VAART
Secretary

MICHAEL SCOTT
Director

August 2, 2016

Ms. Lola Ransom
Roadrunner Service Station
P.O. Box 235
Pembroke, NC 28372

Re: Notice of No Further Action
15A NCAC 2L .0407(d)
Risk-based Assessment and Corrective Action for
Petroleum Underground Storage Tanks

*Roadrunner Service Station
202 W. Third Street
Pembroke, Robeson County
Incident Number (if applicable): 30005
Risk Classification: Low
Ranking: LOR*

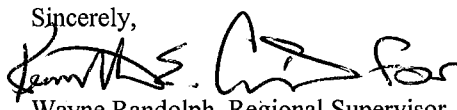
Dear Ms. Ransom:

The Underground Storage Tank (UST) Closure Report received by the UST Section, Division of Waste Management, Fayetteville Regional Office on August 2, 2016 has been reviewed. The review indicates that after tank closure, soil contamination does not exceed the lower of the soil-to-groundwater or residential maximum soil contaminant concentrations (MSCCs), established in Title 15A NCAC 2L .0411. The review also indicates that, although groundwater was encountered during the UST closure process, groundwater contamination does not exceed the groundwater quality standards established in Title 15A NCAC 2L .0202.

The UST Section determines that no further action is warranted for this incident. This determination shall apply unless the UST Section later finds that the discharge or release poses an unacceptable risk or a potentially unacceptable risk to human health or the environment. Pursuant to Title 15A NCAC 2L .0407(a) you have a continuing obligation to notify the Department of Environmental Quality of any changes that might affect the risk or land use classifications that have been assigned.

This No Further Action determination applies only to the subject incident; for any other incidents at the subject site, the responsible party must continue to address contamination as required.

If you have any questions regarding this notice, please contact Kenneth Currie at the Fayetteville Regional Office address below or (910) 433-3347.

Sincerely,

Wayne Randolph, Regional Supervisor
Fayetteville Regional Office
UST Section, Division of Waste Management, NCDEQ

cc: Mr. Henry Nemargut, P.E., Henry Nemargut Engineering Services, Inc. (via email attachment)
Mrs. Pam Harrelson, NCDEQ-DWM-UST Section, Permits & Inspection Branch (via email attachment)

MEMO TO FILE:

FROM: Kenneth E. Currie, Hydrogeologist
UST Section, Fayetteville Regional Office

SUBJECT: Site Closure & No Further Action (NFA)

Incident Name: LOCKLEAR'S GROCERY / COUNTRY STORE

UST Number: FA-272

Incident Number: 7223

This file was reviewed on 12/12/2018, and it was determined that the incident is eligible to receive a NFA based on disclaimer information listed below:

- There is no physical or electronic file associated with this incident;
- The reported release cannot be confirmed or quantified;
- There is no identifiable address or other means of properly citing where the incident was located.

The above referenced incident is closed as of 12/12/2018. No additional assessment or site work is required unless new information is made available to our office that indicates further investigation would be warranted.

DIVISION OF WASTE MANAGEMENT

October 2, 2001

MEMORANDUM

TO: Fay Sweat, UST Section
Raleigh Central Office

FROM: James W. Brown, Hydrogeologist II, UST Section
Fayetteville Regional Office 

SUBJECT: Incident #10922 Closed out

A Notice of No Further Action was issued on 9/16/1993 for the subject site. The site has met all requirements for closure but hasn't been listed as closed on the database.

If you have any questions, please contact me at (910) 486-1541.

North Carolina
Department of Environment and Natural Resources

Division of Waste Management

Beverly Eaves Perdue, Governor
Dee Freeman, Secretary
Dexter R. Matthews, Director

 **FILE COPY**



UNDERGROUND STORAGE TANK SECTION

May 10, 2010

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
7009 0080 0000 9763 7147

Ms. Joan L. Lowry
P. O. Box 52
Pembroke, NC 28372

RE: Notice of No Further Action 15A NCAC 2L .0407
Risk Based Assessment and Corrective Action for
Petroleum Underground Storage Tank
College Exxon
701 West Third Street
Pembroke, Robeson County, North Carolina
Incident Number: 5395
Risk Classification: Low

Dear Ms. Lowry:

The Division of Waste Management, Underground Storage Tank (UST) Section, Trust Fund Branch has received a site assessment report for the above referenced site. A review of the report shows that petroleum contaminated groundwater does remain at this site above the level of the standards or interim standards established in 15A NCAC 2L .0202, but there are no active water supply wells located within 1,000 feet of the source area and that the area is supplied with county water. The site assessment showed that soil contamination does not exceed the respective Residual Maximum Soil Contaminant Concentrations (MSCC) established in 15A NCAC 2L .0411.

Based on information provided to date, the UST Section finds it appropriate to classify the risk of the discharge or release as Low Risk. Furthermore, the UST Section determines that no further action is warranted for this incident. This determination shall apply unless the UST Section later determines the discharge or release poses an unacceptable risk or potentially unacceptable risk to human health or the environment.

Division of Waste Management/UST Section
1637 Mail Service Center, Raleigh, North Carolina 27699-1637
Phone: 919-733-8486 \ FAX: 919-733-9413
Internet: <http://www.wastenot.enr.state.nc.us/>

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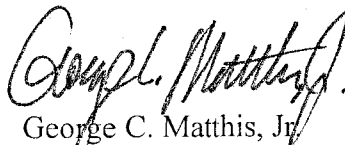
Due to the fact that groundwater does not meet "Unrestricted Use" standards, meaning that contamination remains above 2L groundwater standards, a **Notice of Residual Petroleum was placed on the Deed (Book 1756, Pages 6-7) on March 5, 2010.** This notice simply states that groundwater is not to be used as drinking water source nor any wells be installed on the property until it can be shown that groundwater contamination has fallen below 2L groundwater standards at which time the deed notice may be removed by the Department.

This No Further Action determination will become valid when the Trust Fund Branch completes the Public Notice requirements outlined below. Public notice in accordance with 15A NCAC 2L .0409 is required within 30 days of receipt of this No Further Action Letter. The Trust Fund Branch will provide a copy of this letter to the following persons: Local Health Director, Chief Administrative Officer, (i. e., Mayor, Chairman of the County Commissioner, County Manager, City Manager, or other official of equal or similar position) of each political jurisdiction in which the contamination occurs; and all property owners and occupants within or contiguous to the area where the contamination is expected to migrate.

Interested parties may examine the assessment report(s) by contacting **Hassan Osman (919) 715-6177, or write to Hassan Osman, UST Section, Trust Fund Branch, 1637 Mail Service Center, Raleigh, NC 27699-1637.**

Pursuant to 15A NCAC 2L .0409, you have a continuing obligation to notify the UST Section of any changes that you know of or should know of, that might affect the level of risk assigned to the discharge or release. Please be advised that all monitoring or injection wells used to investigate or remediate this incident were abandoned properly in accordance with 15A NCAC 2C .0113 and .0114, respectively by the State Lead Contractor.

Sincerely,


George C. Matthis, Jr.
Trust Fund Branch Head

cc: FTF-File
FRO-FYI

INFRASTRUCTURE NEPA SITE VISIT QUESTIONNAIRE	
Project Name: Pembroke Park	
Address: Vance Street near First Street West, Pembroke, North Carolina 28372	
HUD Program: CDBG-Mitigation (CDBG-MIT) for Infrastructure Recovery Program	
HUD Funding Amount: \$66,360.00	
Non-HUD Program: NC DEQ, Division of Mitigation Services (administered by NCORR/ NC DPS)	
Non-HUD Funding Amount: \$419,202.07	
Project Description: Town-owned park and playground with educational and flood mitigation components	
State/Local Identifier: B-18-DP-37-0001	
Type of Facility	☒ Public owned ☐ Industrial ☐ Commercial ☐ Residential
Land Use Type and # Units (check all that apply)	☐ Single Family Residential ☐ Multi-family Residential ☐ Commercial ☐ Industrial ☒ Public Facility ☐ Vacant, list previous use:
Names of Non-residential Tenants on the Property and # Units (Companies, Organizations, Public Services, Vacant and if for lease, etc.)	Town of Pembroke, NC
Project Type (check all that apply)	☐ Acquisition of Property ☐ Demolition ☒ New Construction ☐ Rehabilitation of Existing ☐ Expansion of Existing ☐ Replacement of Existing ☐ Relocation ☐ Leasing ☐ Machinery and Equipment (tools) ☐ Other, explain:

Other Non-HUD Funding will be Used for this Project	☒ Yes, list source(s) and amount: \$419,202.07 in DEQ funds administered by NCORR/ NCDPS. ☐ No
Reason/Need for Project	The current proposed project as designed will provide a community resource in a Town-owned park and playground with educational and flood mitigation components.
Project Location and Project Plans	Attach site plans, if available. Plans are: ☐ Pending ☒ Preliminary – <i>Waiting on Town Approval</i> ☐ 30% or other %: ☐ Final ☐ If no plans are available, draw on tax maps (to be provided.) Please verify correct parcels and street addresses identified on tax maps.
Square Footage of Project	Approximately 1 acre.
Soil Disturbance from Project	☒ Yes, cause and depth: statue on an appropriate footing surrounded by garden beds and paths, playground structures on a safe permeable surface, over 0.16 mile of natural grit partially permeable walking trails and a 0.11-mile loop, pollinator garden, native and medicinal plant gardens, rain garden with retaining wall, interpretive signage, information kiosk, education area with seat walls, bench swing, mowed lawn areas, picnic tables, seating, rail fence, trees, and upgrades, a sidewalk and paved parallel parking along Vance Street. ☐ No ☐ Unknown
Fill Needed for Project	☐ Yes, source: ☐ No ☒ Unknown - Fairly level.
Site Inspections and/or Site Photographs	☒ Yes, please attach. Jan Hester Maynor on 9/1/26. ☐ Pending ☐ No
Past Use of Site	☒ The Subject Property consists of a vacant mowed lawn with frontage along Vance Street in a residential neighborhood. In 1964, a structure with a fenced storage yard area is onsite and no longer present in 1971. Pembroke Seaboard Coastline Railroad Depot was successfully moved to the site by June 18, 1987. The depot structure burned down on January 18, 1988. The Subject Property has remained vacant.
Environmental Inspections (Check all that apply. Identify if completed or pending <u>and</u> attach, if available. Include if previously done for site)	☒ None ☐ Phase I ESA ☐ Phase 2 ESA/Limited Site or Remedial Investigation (soils test) ☐ Phase 3 ESA ☐ Vapor Testing ☐ Phase I Archeological Survey ☐ Asbestos Inspection ☐ Lead Inspection

	☐ Noise Assessment ☐ Traffic Study ☐ H&H Study ☒ Other: <i>Historical Review</i>
Historic Properties	☐ Year Structure Built ☐ Year Developed: ☐ Identified Historical Building or Property (onsite or adjacent?) ☒ Not Applicable
Aboveground (AST) or Underground (UST) Storage Tanks Onsite, adjacent or proposed?	☐ Yes, type and gallons, if known: ☒ No ☐ Unknown ☐ Offsite, if known
Other Hazardous Materials used onsite (Large Quantity Chemicals, Fuels, etc.)	List, if known:
Permits Required for Project (Identify Type, Status and attach if available)	☐ Yes, list type and status: ☒ No ☐ Unknown/TBD
If New Construction, connecting to existing utilities (sewer and water), energy efficient	☐ Yes ☒ No, explain: Town-owned park doesn't need sewer and water.
Parks Located Nearby	☐ Yes, type: ☒ No ☐ Unknown
Wetland, Lake, River or Ocean on or adjacent to site	☒ Yes Type and Location: Drainage ditch runs across site.
Transportation at the Site (note if adding/upgrading/using existing)	☒ Sidewalks ☐ Bike Paths ☐ Bus Access ☐ Train Access *Site is accessed by proposed sidewalk and parking along Vance St.
Agency Consults already completed?	☒ Yes ☐ No ☐ Unknown
Other adjacent properties owned by same Subrecipient?	☐ Yes, and Addresses: ☒ No
Private or Non-HUD funds committed before NEPA done? (<i>Choice Limiting Action</i>)	☐ Yes ☒ No - HUD NEPA AUGF required before Choice Limiting Actions. ☐ Unknown

Site Suitability, Access, and Compatibility with Surrounding Development

for recording impacts considered under Item 26 of HUD-Form 4128

Project Name	Investigator(s)	Site Visit Date
Pembroke Park	Jan Hester Maynor	09/1/2026

ZONING

Is the project in compliance or conformance with local zoning?

☒ Yes
 ☐ No (explain) See Zoning Certification and Correspondence
☐ Not applicable (explain) _____

SITE OBSERVATIONS

Soil Stability, Erosion, and Drainage

Describe slope at project site (Steep, Moderate, Slight, Level):

Generally level at site.

***Check** those features that were observed on or adjacent to the property at the time of the visit.

Natural Hazards			
☐	Faults, fractures	☐	Slope-failures from rains
☐	Cliffs, bluffs, crevices	☐	Hazardous terrain features
☐	Evidence of slope erosion	☐	High water table
☐	Unstable slope conditions	☐	Other (Specify):

Check all items that apply:

Wetlands Onsite or Adjacent			
☒	Drainage ditch	☐	Marsh, bogs, swamps (Adjacent North Property)
☐	Streams, Rivers	☐	Ponds
☐	Coastline	☐	Lake

Explain Wetlands onsite or adjacent below:			
Drainage ditch onsite reviewed by USACE.			
Toxic Chemicals and Contamination Onsite or Adjacent			
	Distressed Vegetation		Abandoned Machinery, Cars, etc.
	Oil/Chemical Spill(s)		Transformers
	Soil Staining, Pools of Liquid		Fill Vent Pipes, Pipelines
	Fire hazard materials	X	Railroad Terminal or Crossing
	Hazards in vacant lots		Other hazardous chemical storage
	AST and/or UST (<i>Below</i>)		Loose /Empty Barrels
	Quarries or other excavations		Dumps/sanitary landfills or mining
	Unightly land uses		Inadequate screened drainage catchments
	Gas, smoke, fumes		Odors
	High pressure gas or liquid petroleum transmission lines on site		Other (Specify)
Explain Toxic Chemical and Contamination onsite or adjacent below:			
CSX railroad tracks on adjacent CSX ROW property.			

Above Ground Storage Tanks

Are any above ground storage tanks visible from the site?

☐ Yes ☒ No

If yes, are these tanks 100-gallons or larger?

☐ Yes ☐ No ☒ Not Applicable

List Visible Tanks				
Tank Location	Tank Contents	Tank Size	Flammable? (Yes or No)	Pressurized? (Yes or No)
N/A				

Proposed mitigation strategies (concrete pad, barrier, etc.) if siting of any tanks?
N/A

Underground Storage Tanks

List visible tanks				
Tank Location	Tank Contents	Tank Size	Flammable? (Yes or No)	Pressurized? (Yes or No)
N/A				

Signed by:

 AED32DBF7F9B471...
 Lead Investigator's Signature

9/3/2026

Date

PEMBROKE PARK PROJECT – SITE VISIT PHOTOGRAPHS - 9/1/2026



PEMBROKE PARK PROJECT – SITE VISIT PHOTOGRAPHS - 9/1/2026



Subject Property is Mowed



PEMBROKE PARK PROJECT – SITE VISIT PHOTOGRAPHS - 9/1/2026



PEMBROKE PARK PROJECT – SITE VISIT PHOTOGRAPHS - 9/1/2026



Pembroke Park

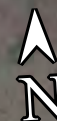
Airbus 2026

Legend

 Pembroke Park Project

Google Earth

Image © 2026 Airbus



1000 ft

Pembroke Park

Airbus 2024

Legend

 Pembroke Park Project

Google Earth

Image © 2026 Airbus



1000 ft

Pembroke Park

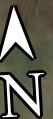
CNES/Airbus 2020

Legend

 Pembroke Park Project

Google Earth

Image © 2026 CNES / Airbus



1000 ft

Pembroke Park

Google Earth 2016

Legend

 Pembroke Park Project

Google Earth



1000 ft

Pembroke Park

USDA 2011

Legend

 Pembroke Park Project

Google Earth

Image USDA/FPAC/GEO
Image © 2026 Maxar Technologies



1000 ft

Pembroke Park

USDA 2006

Legend

 Pembroke Park Project

Google Earth

Image USDA/FPAC/GEO



1000 ft

Pembroke Park

USGS 2000

Legend

 Pembroke Park Project

Google Earth

Image U.S. Geological Survey



1000 ft

Pembroke Park

USGS 1997

Legend

 Pembroke Park Project

Google Earth

Image U.S. Geological Survey



1000 ft

Pembroke Park

USGS 1993

Legend

 Pembroke Park Project

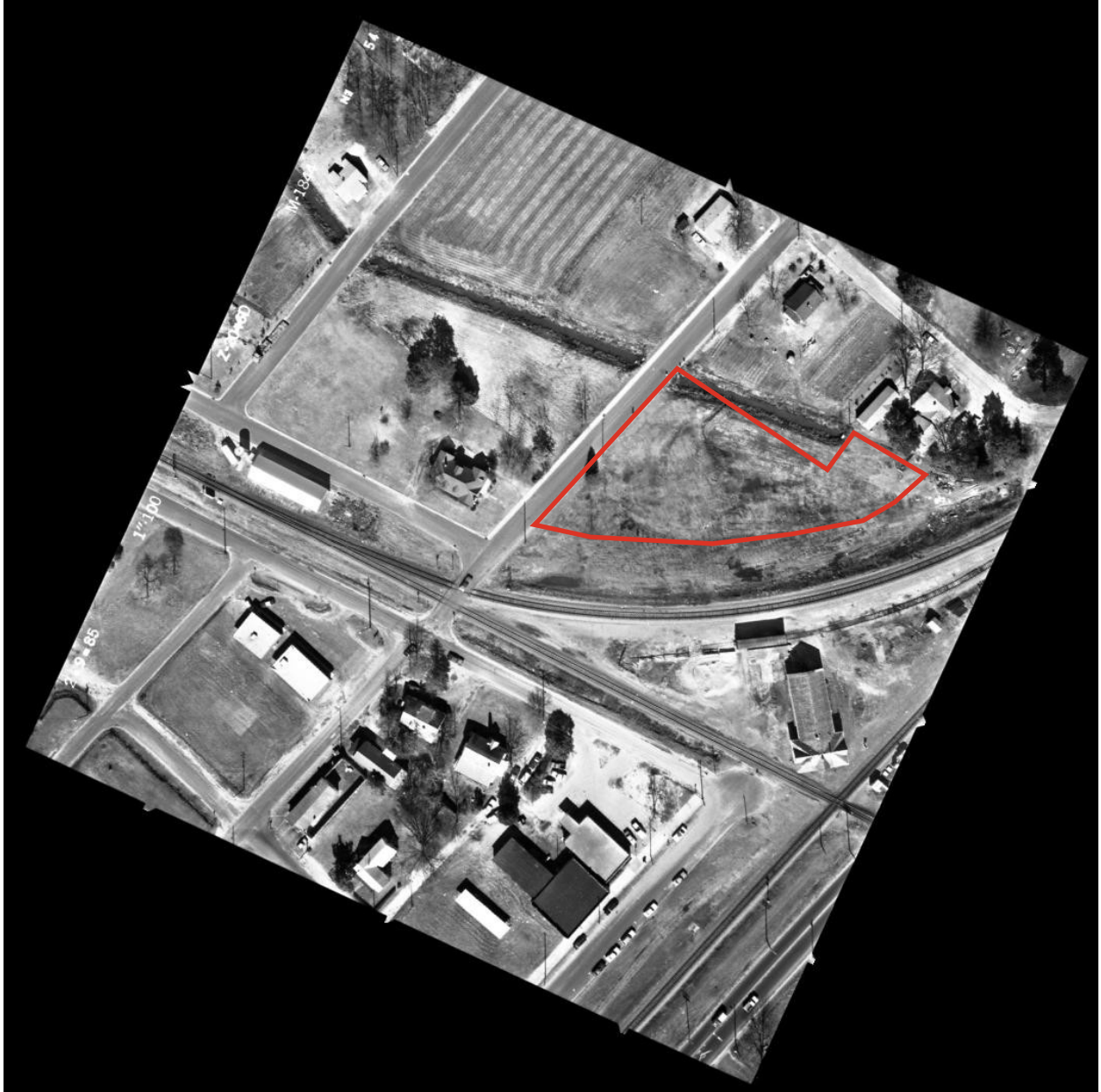
Google Earth

Image U.S. Geological Survey



1000 ft

1985 AERIAL PHOTOGRAPH



NC DOT Archive

1983 AERIAL PHOTOGRAPH



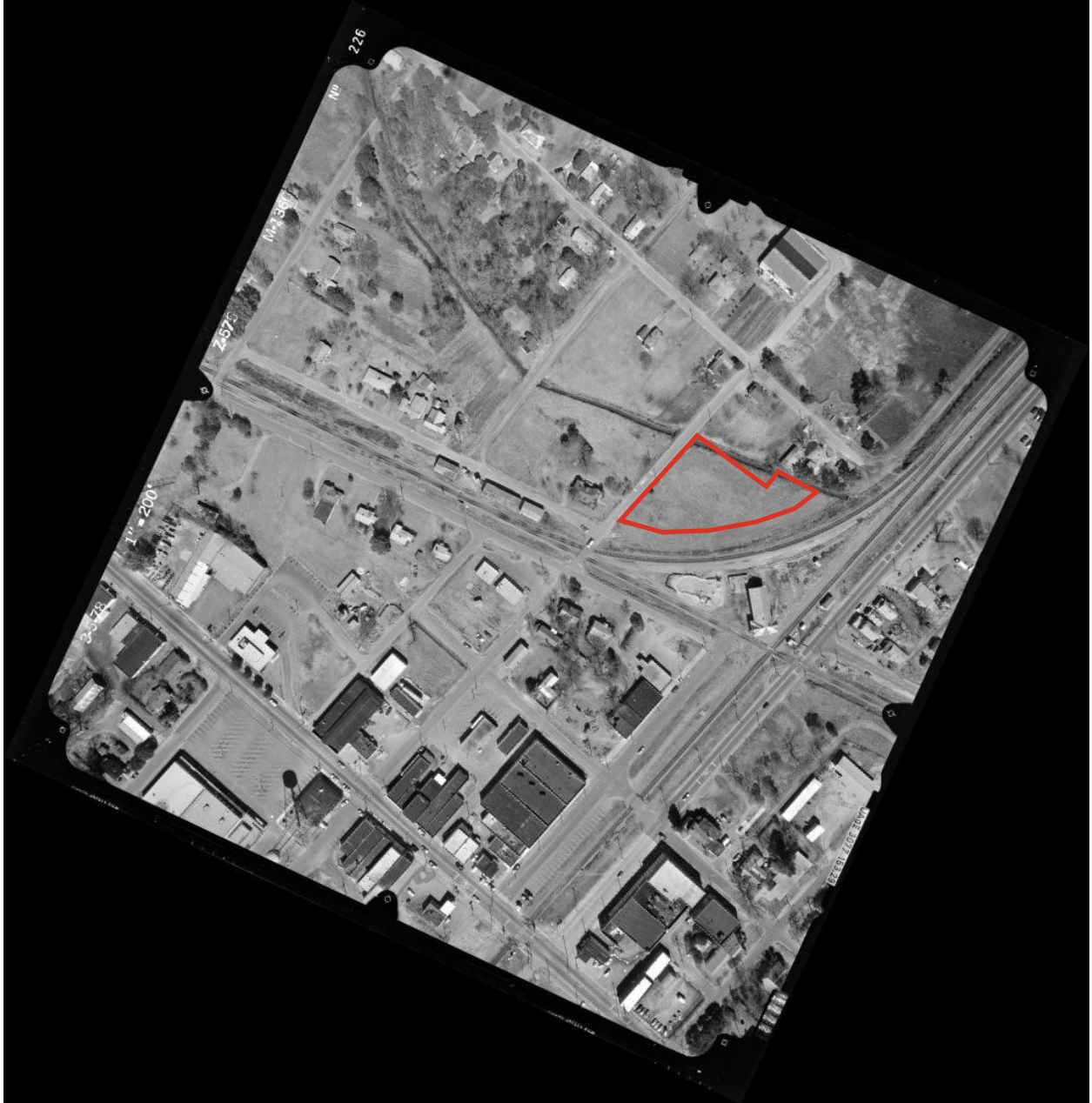
USGS Earth Explorer

1981 AERIAL PHOTOGRAPH



USGS Earth Explorer

1978 AERIAL PHOTOGRAPH



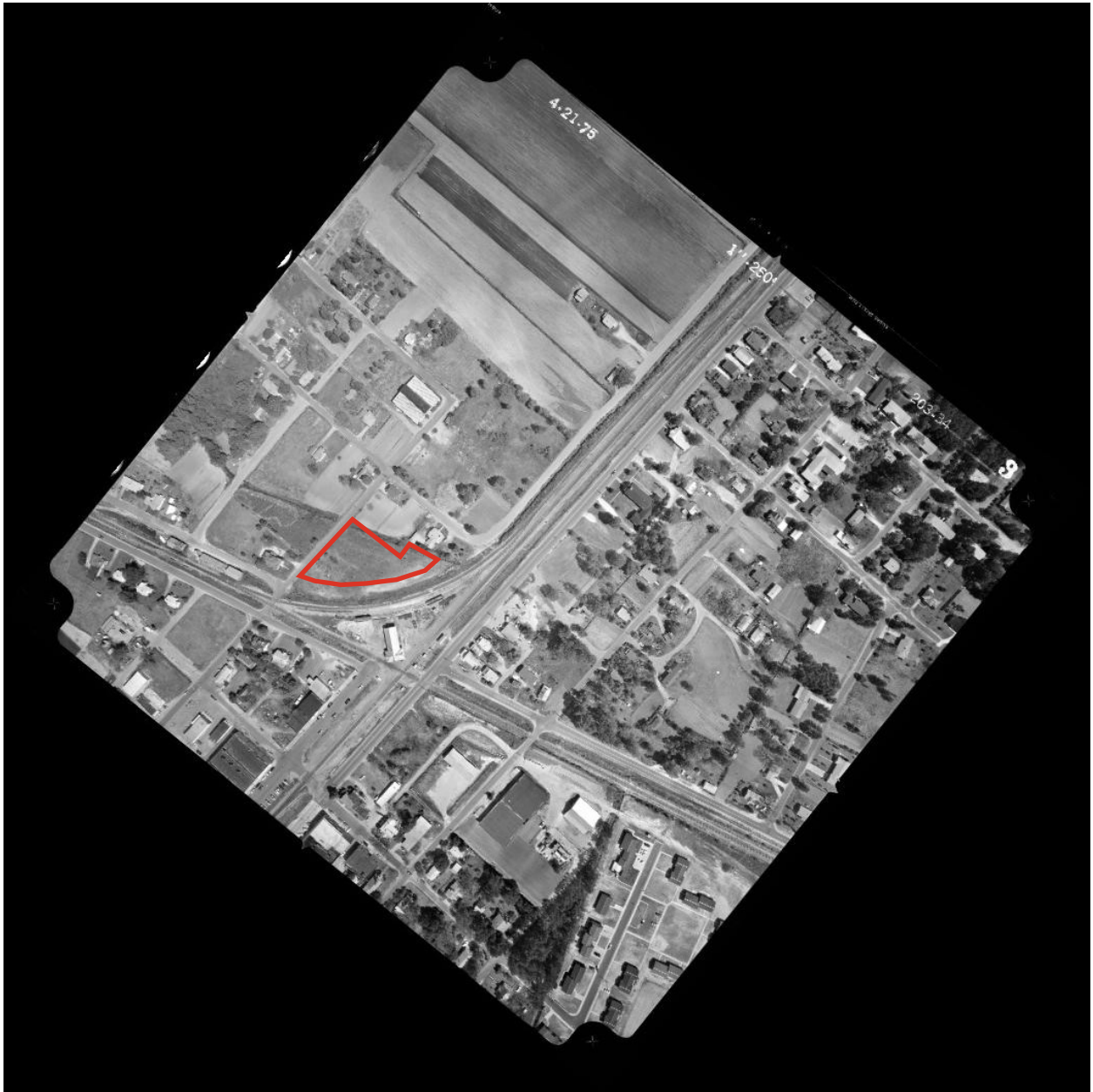
NC DOT Archive

1976 AERIAL PHOTOGRAPH



USGS Earth Explorer

1975 AERIAL PHOTOGRAPH



NC DOT Archive

1971 AERIAL PHOTOGRAPH



USGS Earth Explorer

1964 AERIAL PHOTOGRAPH



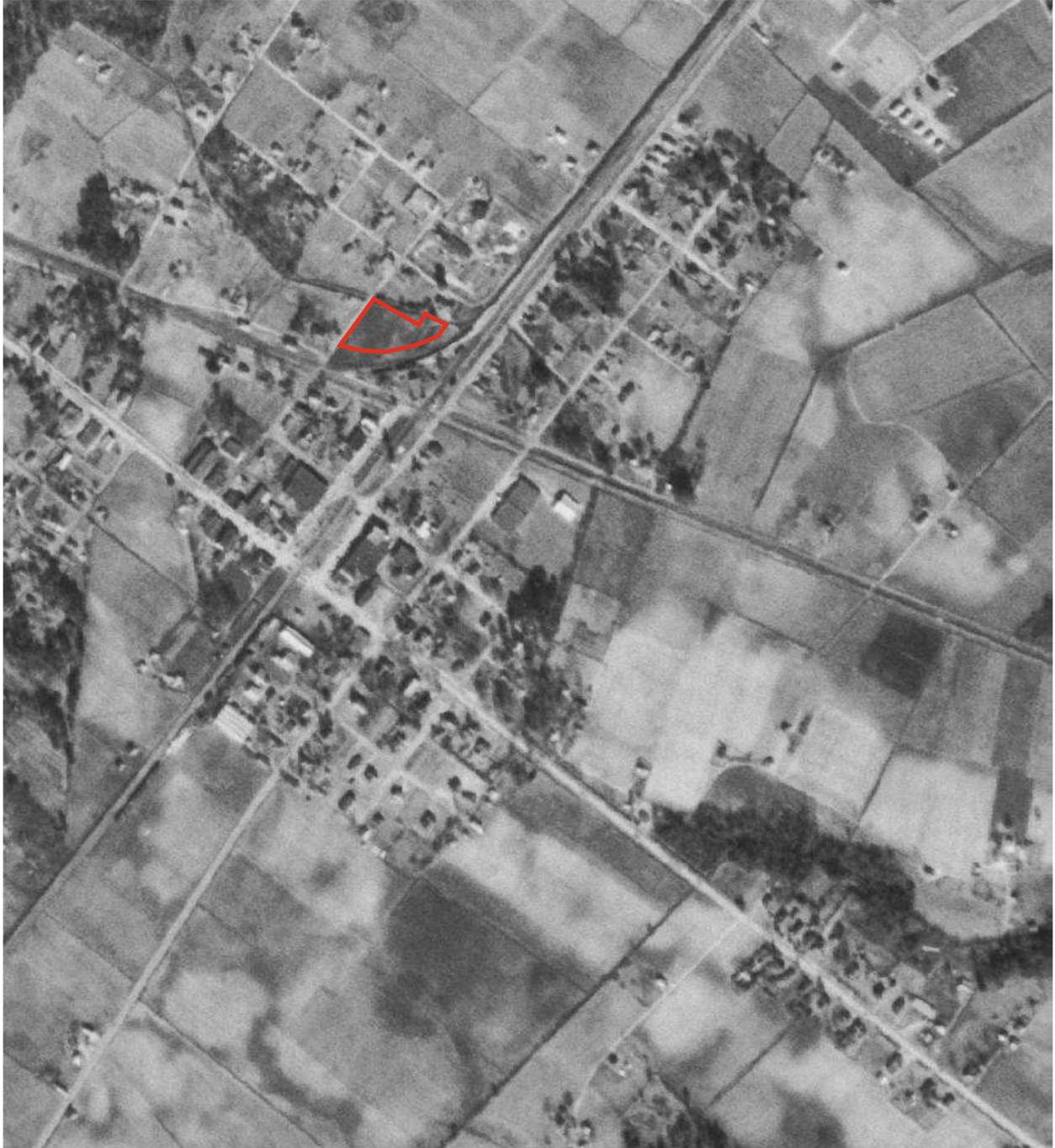
USGS Earth Explorer

1958 AERIAL PHOTOGRAPH



USGS Earth Explorer

1950 AERIAL PHOTOGRAPH



USGS Earth Explorer

1938 AERIAL PHOTOGRAPH



USGS Earth Explorer

Pembroke Railroad Depot



9/6/1984



3/4/1986



7/26/1986

(<https://www.rrpicturearchives.net/locThumbs.aspx?id=85462>)



Pates Supply Co. retail store was located at 205 Union Chapel Rd, Pembroke, NC 28372 and founded in 1922.

According to the Robeson County Property Tax Card for the Subject Property, Pates Supply Co., Inc. was the owner on January 30, 1941. The Town of Pembroke is the recorded owner since May 23, 1986. No directories or archival records from 1950–1989 show commercial tenants at the Subject Property. W. Railroad Street near Vance Street had predominately residential zoning. There are no Sanborn maps available for the Subject Property and surrounding area. There are City Directories available for the Union Chapel Road for 1992 through 2020. No Pembroke-specific printed city directories (1950–1989) are digitized online. General U.S. city directories lists exist, but Pembroke editions aren't accessible digitally. There are no historic city directory collections available online for Pembroke. Property records show that W. Railroad Street and Vance Street are primarily residential, with homes built between the 1940s–1960s, and no evidence of commercial storefronts, etc.

Russell H. Livermore

succumbs

Russell H. Livermore, a prominent figure in the economic life of Pembroke and Robeson County died last Saturday in a hospital in Chapel Hill, NC where he had gone to watch his beloved Tar Heels wallop the Army. He became ill during the football game.

Livermore, 84, and active until his untimely death was a fixture in Pembroke where he continued to come to his office at Pates Supply Company just about every day. Farmers and friends continued to come to him for advise. He was noted for his business acumen. He was one of the founders of Pates Supply Company in Pembroke. The big mercantile firm dominated the business world in Pembroke and her environs for many years, and continues to play an important part in the business life of Pembroke and Robeson County.

Said an elderly Indian man, upon hearing of Livermore's death, "he was a good business man and always treated me fairly. I frankly liked him. He was a

good man." That is as good a memorial as any ever offered any man.

In addition to Pates Supply Co., Livermore was active in establishing Robeson County Memorial Hospital, serving as president of the hospital until he retired in 1958. Livermore was a former president of 14 business corporations, and a director of 21.

Livermore is survived by two sons, Russell H., Jr. and Charles H., and a daughter, Mrs. Dudley L. Jennings, and his wife of many years.

EDITOR'S NOTE

Russell H. Livermore and I were from different worlds, and different times, but I admired him very much. I admired his business acumen; his easy rapport with people from every walk of life. People sincerely liked him.

And Pembroke shall not see his like again. He will be missed by all those - Indian, Black and White - who knew him.

Page 2, The Carolina Indian Voice-Thursday, December 19, 1985

EDITORIAL PAGE

PEOPLE AND PLACES AND THINGS

by Bruce Barton

LUMBEE SCHOLARSHIP GOES OVER THE \$100.00 MARK

I want to thank those of you who have contributed to our Lumbee Scholarship Endowment. We just went over the \$100.00 mark, and I am pleased about that. We're right on schedule. Our next goal is \$1,000. In time, we will present a check for \$50,000 to the PSU Foundation as our way of saying, "thanks!" to the university that nurtured so many of us.

As you know, Pembroke State University will celebrate its 100th birthday March 6, 1987. Since I am on the Centennial board, this will be my way of helping the university raise a total of \$1 million. Hector McLean, the chairman of the fund raising effort, termed it "our birthday gift to this fine university."

But I wanted the Lumbee community to do something special, and above and beyond the call of duty. I envision us (and our friends) raising \$50,000 to present to the PSU Foundation in the name of the Lumbee community. The monies raised will be used for Lumbee student scholarships, and to enhance and improve the American Indian Studies Department at Pembroke State University. One of our own, Dr. Adolph Dial, is chairman of the Indian studies department.

I would like for all of those who want to (and especially those who have already contributed to the endowment) to meet me at the Pembroke Town Hall, January 10 at 7 p.m. At this time, we will set up an ad hoc (temporary) committee to help administer the fund, decide on fund raising possibilities, and decide in whose name the scholarship monies will be set up. Our game plan is to raise \$50,000 and set it up in five separate endowments. I have taken the liberty (since it was my idea) of naming two of the individuals. They are Professor Clifton Oxendine and the late Mrs. Reba Lowry. That leaves three recipients to be chosen. Also, we need to decide where we will set up our temporary account.

I have been reasonably successful in raising monies for worthy causes over the years, and the main reason, as I see it, is the fact that I always announce publicly how much money was raised and what we spent it for. People deserve to know the truth, especially when money is involved.

My idea is to keep the money in a local bank, and turn it over to the university in \$10,000 increments. Or we can hold it all and present one check for \$50,000 when we get it all in hand. I just want the record to show that the monies raised will eventually be turned over to the PSU Foundation. And the monies will be used for Lumbee Scholarships, and to enhance the American Indian Studies Department. Now all of this will be worked out will be one of the primary responsibilities of the ad hoc committee that we will form on January 10, 1986. I hope you will be there.

Contributing this week were the following stalwarts:
Sue and Jeff Maynor and family.....\$5.00
Tryon Lowry, Pembroke, NC.....\$1.00
This brings our total to date to: \$104.00

And leaves us with a balance needed of.....\$49,896
I am asking each Lumbee (and we estimate that there is at least 50,000 of us in Robeson County and elsewhere) to donate \$1.00 each (and more if you want to). That will give us our \$50,000.

If your club, organization, church etc. wants to contribute in the name of someone, we'll be delighted to receive your gift. Let us know who you want honored and we'll make mention of it in future columns.

This is an idea whose time has come, and I am confident that we will reach our goal. I can see it in my mind's eye as we gather March 6, 1987 at Pembroke State's Founder's Day and present a check for \$50,000 in the name of the Lumbee community. That will be a grand gesture, and one all of us will be proud of.

Remember! One dollar will make a difference. I invite you to share this dream with me. Send your \$1.00 (and more if you want to) to: Lumbee Scholarship Endowment, c/o Bruce Barton, P.O. Box 1075, Pembroke, NC 28372. Or call me at 521-2826 for more information.

The \$50,000 Lumbee Scholarship Endowment (established in 5 separate endowments in the name of five educational giants from the Lumbee camp) will be our way of saying "thanks."

PEMBROKE RAILROAD DEPOT FINDS A HOME

I resisted it as long as I could, but finally acquiesced to the fact that we will have to move the Pembroke Railroad Depot to save it. If we used it for a library, home for 'Strike at the Wind!', the chamber of commerce, a Lumbee Archives, and more, we could not get insurance on the building where it is presently sitting in the arms of two crisscrossing railroad lines.

On the other hand, it's historical veracity would be threatened if we moved it too far from its present site. With that in mind, I approached Pates Supply Company about a plot of land they presently own that adjoins the railroad depot.

Pates Supply has graciously agreed to donate the land to the Town of Pembroke (via the Pembroke Historic Properties Commission) for a site. The land is being appraised, and the legalities worked out. I hope to announce the details in a few weeks. In the meantime, I want to publicly thank the Livermore family, Ruth McCormick, Jim Paul and the other civic minded folks at Pates Supply Company. It is a gesture that we will never forget. Thanks to them, Pembroke can save part of its heritage.

On our part, we plan to name the plot of land the "R.H. Livermore Park" in honor of Mr. Livermore, who was a true benefactor to Pembroke and its citizenry. In time, we will develop a nice park and gardens where we can go for a quiet moment. The future looks good. We'll be telling you more about it in the weeks ahead.

AND ANOTHER LETTER FROM GEORGIA

For the last few weeks, I have been sharing some letters with you that were written from Claxton, Georgia between 1911 and 1918. The letters are revealing, and show the true pioneering spirits of the Indians who migrated there from Robeson County after the Civil War and on until 1922 when most of them returned to their homeland here.

I went to the Claxton, GA area in September to research the record of one of the most interesting migrations of late. Following the Civil War, many of our people migrated there following the Turpentine industry, and later converted their energies to farming.

They were an interesting group of people, and were relatives to many of us as I have found out since I started writing about them. Many of you have called me, or written me...and I appreciate it.

These people fascinate me and show the best of our sterling qualities. They went to a strange land, worked the land, made a home away from home. And, in doing that, recreated a little bit of Robeson County in that far away place. Lord, I admire those people. I love to tell about them. With all the aggravations, I enjoy having a newspaper so that I can share wonderful stories like the Claxton, Georgia experience.

Wes White, a friend who loves historical research, found these letters and shared them with me. I am happy to share them with you, and am reprinting one a week until we publish them all.

This week's letter is from A.B. Hardin, and is dated June 22, 1911. Mr. Hardin heralds the fact that the Indians there are progressing nicely. The headline of the letter appearing in the *Robesonian* notes "A Colony of North Carolina Indians in Georgia making fine progress."

Mr. Hardin writes:

To the editor of the *Robesonian*:

Being a subscriber to your paper, I wish to have space for the purpose of adding to the article about the closing of the Indian school June 9, (1911) As I am the teacher, I feel an intense interest in the progress of the pupils and wish to say that they have made the finest improvement of any children I have ever taught. This is a colony of Indians from North Carolina. They have not forgotten their old home; they are preparing themselves to move back. They are spending their time in agricultural pursuits. The county superintendent has made a special appropriation to educate their children. Not only have they the privilege, but they are using it. I have taught here two sessions, feeling that the future will bring a great reward.

A.B. Hardin
R.F.D. 1, Claxton, Georgia

Boy, that rings so good and true. Note that wonderful line where Mr. Hardin says, "The county superintendent has made a special appropriation for them to educate their children. Not only have they the privilege, but they are using it..." I just love that line, and it typifies the Lumbee experience. Lumbees have always loved education, and worshipped at the shrine of learning. These Indians in far away Claxton, Georgia carried that Lumbee spirit with them, and they speak well of all of us.

I would love to hear from any of the students who studied under Mr. Hardin. He sounds like a wonderful fellow, a true stalwart.



FRONT PAGE NOTATIONS

by Bruce Barton

WAITING ON PATES SUPPLY CO.

As many of you know, I have proposed that we save and restore the Pembroke Railroad Depot. The stately building was built in two phases: the first part in 1888, and the second in 1910. The building deserves to be saved.

The railroad company (Seaboard System Railroad) has given us the building with a provision that we move it. After forming the Pembroke Historic Properties Commission, I approached Pates Supply Company and asked them to donate the piece of land adjoining the railroad depot. They graciously agreed and we propose to establish a park around the depot (when it is moved to this plot) to be named "The R.H. Livermore Memorial Park." Within the depot, we propose to establish a branch of the Robeson County Public Library, renovate offices for "Strike at the Wind," and the Pembroke Chamber of Commerce.

Pates Supply has said yes, but they have not turned over the title to the property as yet. I am not worried about it, but it has set us back a bit. As I see it, a man's word (and a company's too) is his bond, and if his word is not good...well...So, we're waiting for Pates Supply Company. As soon as the land is

appraised, and the title drawn (from them to us), and the tax write off factor figured, we'll heat up the depot issue again. I promise you!

The last time I talked to Rusty Livermore (the president and c.e.o.) of Pates Supply Company, he assured me that there was "no problem." And I believe him. These things just take time, I guess. I guess I'm going to have to learn how to be patient.

After we receive title to the building, we are going to move it next door to said adjoining property. And shortly thereafter, we are going to approach the county commissioners and ask them for some money to help us restore it. After giving grants to Maxton and Rowland, I expect them to do the same (and more) for Pembroke. After all, Pembroke is a larger area than either (especially population-wise), and the county fathers have always treated us fairly before. We will not ask for more than Maxton received, nor will we ask for less than Rowland got. More about this later. Stay tuned.

Shortly thereafter, we'll begin a public and private appeal. Surprised? I would like to see the stately building restored by the end of the year. I believe we can do it. Don't you?

PEMBROKE RAILROAD DEPOT GIVEN A NEW LEASE ON LIFE... Thanks To Pates Supply Company, the railroad, town officials, etc, etc.

BY BRUCE BARTON
Pembroke-Good news...finally! The Pembroke Railroad Depot, long abandoned by the railroad, has been given a new lease on life. Bruce Barton, chairman of the Pembroke Historic Properties Commission, termed it "a good day for Pembroke and her citizens." Mayor Milton Hunt, a strong supporter of the effort to save and eventually restore the historic building to the good use of the citizenry, also expressed satisfaction with the effort to date.

Seaboard System Railroad (now CSX Corporation) gave the depot to the town and its Pembroke Historic Properties Commission on January 27, 1986 but with the proviso that the town "...at its own expense remove said building and clear the site thereof to the satisfaction of the donor's engineer prior to August 1, 1986." There in was the rub.

Because of insurance inhibitions, and safety reasons, the railroad company would not allow the building to be used on its present site. It created a very difficult problem, to say the least, according to Mayor Hunt and Barton.

That is when Pates Supply Company entered the picture. Responding to an appeal by Bruce Barton, chairman of the Pembroke Historic Properties Commission, "Rusty" Livermore, the

chief executive officer of Pates Supply Company, approached the board of directors with Barton's request that Pates Supply Company donate a piece of property (including five lots of various sizes) to the town and the commission as a site for the historic railroad depot.

After months of legal wrangling, and definition of land use, Pates Supply Company has graciously donated the property fronting the Sampson Rest Home. The site will be the home of the Pembroke Railroad Depot. Plans are to develop a branch library of the Robeson County Public Library and, possibly, quarters for the Pembroke Chamber of Commerce and offices for "Strike at the Wind!", the successful outdoor drama about Henry Berry Lowrie and the enterprising and creative Lumbee Indians. Other uses might include a teaching and art studio, and offices for the Pembroke Historic Properties Commission.

Barton said, "This is an important step in the right direction. We now have the depot, and a place to move it to that will not lessen appreciably the historic significance of the building."

Tentative plans are to use the rest of the land for a public park. In recognition of Pates Supply's gift, and in honor of its late President R.H. Livermore, the park will be named "The R.H.

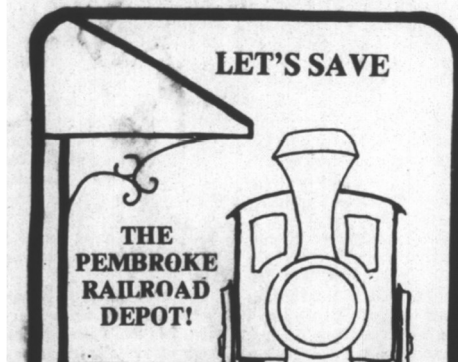
Livermore Memorial Park." Plans are already underway to develop a park that will include a flower garden, fish pond, and evergreen trees, and park benches for those who like to relax and repose in a park.

The Pembroke Historic Properties Commission will be responsible to the Pembroke Town Council for restoring and developing the historic building, built in 1888. (Pembroke was not incorporated until 1895). Bruce Barton chairs the commission that was given life by town ordinance. Other members are: Mrs. Mary H. Locklear, Mrs. Lucy Locklear; and Dr. Bob Hersch who serves an ex-officio member. Also serving on the commission are Mayor Milton Hunt and Garth Locklear, chairman of Pembroke's Planning Board.

The Pembroke Historic Properties Commission will meet at 6 p.m. on July 7, 1986, prior to a meeting of the Pembroke Town Council at town hall. All interested citizens are encouraged to attend, and learn more about the exciting possibilities.

At this meeting, too, Pates Supply Company will, hopefully, present the official deed to the property where the restored railroad depot will sit in stately splendor.

Because of the problems in securing a site, fund raising efforts had to be halted until Pates Supply Company graciously donated the property adjoining the present location of the depot. That clears the way, now, for an extended fund raising effort. The North Carolina General Assembly, thanks to the efforts of legislators Danny DeVane, Pete Hasty, Sidney Locks and Senator David Parnell, donated \$10,000 to the restorative effort last year. The money will be used to move the building to the new site (estimated to cost \$8,000.00) and begin landscaping the park.



**AS I
SEE IT**



by
**Bruce
Barton**

**I AM NOT A PARTY TO
PEMBROKE'S DECISION
TO NOT FIGHT
RAILROAD'S LAWSUIT**

Even if it makes good sense, and I'm not sure it does, I want the public to know that I am not personally a party to the town of Pembroke's decision to not fight the threatened lawsuit filed recently by CSX. CSX wants to build a railroad track within the town's zoning jurisdiction, and is claiming "eminent domain."

I have been busy the last few weeks finishing up my student teaching at Orrum High School. I have four weeks left. I leave about 7 a.m. every morning and get back in town late in the afternoon. What little bit of time I have left is divided between my family, church and business (the *Carolina*

through.

Too, I have never pretended that I am particularly practical. Sometimes I take a stand because my sense of honor demands it. As you know, I began a movement, a year or so ago, to save Pembroke's historic Railroad Depot. I have done that. The railroad belongs to the town and its Pembroke Historic Properties Commission; and Pates Supply Company has also graciously given us an adjoining tract of land to put the depot on where a restoration effort will take place soon...as soon as I finish school.

I notice that Pembroke officials have given up the fight against the railroad on grounds that it might be more expensive than they are able to bear. And, according to Ronnie Sutton, town attorney,

(*Indian Voice*). It doesn't necessarily mean I am important, but God knows I have been busy lately. If everything goes according to plans, I will finish my studies at Pembroke State University in December. I will be a happy man. I am not sorry that I returned to school, but I am awfully tired. It's been a challenge, and I've had to lay down some things to get the job done. It's been tough. Honest.

Never-the-less, every once in a while, I have to stand flat-footed and let you know where I stand on certain matters. In the case of the railroad, I feel like Pembroke ought to sue them for disturbing the peace of our town and surrounding community. I feel like the town has a right to zone its one mile jurisdiction, including the part of it that this proposed railroad spur will traverse

the railroad has promised to give the town \$25,000 toward restoring the depot. If so, this is the first time I have heard anything about it...and I

am the one who saved the depot. That's the truth. To date, I have not promised anyone anything for supporting the depot.

More next week. Time has run out on me. But I wanted you to know where I stand on this matter. I hope the railroad gives us the \$25,000 but I have not given anything in return...especially my honor and human dignity. Even though I am chairperson of the Pembroke Historic Properties Commission (the agency charged with saving and restoring the depot), I know nothing about this matter. As I see it, someone owes me an explanation...and apology. More next week.

One Of The Reasons We Need A Newspaper...

As many of you know, I am the catalyst and originator of the movement to save and restore the Pembroke Railroad Depot. In the beginning, no one paid much attention and shunted me aside. But, since we have secured the land for a new site and raised a few dollars, and convinced the railroad to give us the historical structure, the project now seems possible and do-able. Town officials are now convinced it can be done and the project has been moved up a notch on the agenda. Lots of people are taking credit for something they had hardly anything to do with, especially in the early days.

It's really not that important who gets credit for something that needs to be done, like saving the Pembroke Railroad Depot. But people ought to tell the truth about it, and report it correctly. I am talking about a story that appeared in the Community News-Advertiser (that Scotland County journalistic infringer) last week in reference to the railroad depot. First of all, I had asked the town officials not to divulge the story until we were ready, especially since we were the ones who originated the idea. I am also in the newspaper business, and I don't like to get scooped...and that's the truth. Too, the story was inaccurate and misrepresented the facts in the story. They did not even mention Bruce Barton, chairman of the Pembroke Historic Commission, the real medium for saving the station. And I'm glad they didn't; I would have been mad as fire. We Indians ought to be careful about what we tell outsiders: They seldom ever get the names right. I want Pembroke to help me save the railroad depot, but I want them to be cool about it and *give credit where credit is due*. Some of our officials need to learn how to say, "no comment," especially when they are called upon by newspapers outside the town, and county. I don't worry about competition. I do worry about officials from the town and chamber of commerce giving their news out and making it seem like I have been scooped when in fact, most of the time, our folks simply gave the news away without any thought of how it effects the local newspaper. I don't like to be hateful about it, but I want some respect and cooperation from those in charge. Please! Think about what you're saying when some of those interpolators approach you. They might be wanting you to give away the company secrets.

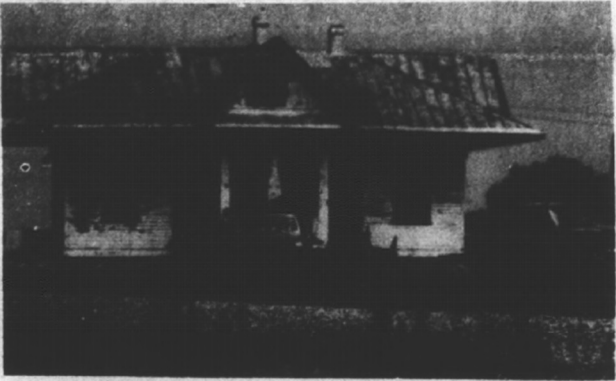
I've been quiet too long about these folks like the Community News-Advertiser and Robco News, two local newspapers encroaching on our territory. Recognize them for what they are: they want your advertising dollar and they want to take it to Lumberton and Laurinburg as quick as they can. That's the intent period. Don't be fooled!!

One of the ~~reasons~~ reasons we need a newspaper like the Indian Voice is to showcase and tell our own story. We have depended on "outsiders" too long. They hardly ever get it right.

The **Pembroke Railroad Depot** was successfully moved to an adjacent site by June 18, 1987. The depot structure burned down on January 18, 1988. (*The Carolina Indian Voice Archive*)

PEMBROKE RAILROAD DEPOT...ON THE MOVE
 Hope you've realized that the Pembroke Railroad Depot is on the move, now poised and awaiting its final placement in its new home. More on this next week.
 I am still determined to spiritually renew *the Carolina Indian Voice*. I am meeting with supporters and friends (critics too!) every Tuesday night from 7:30 p.m.-10 p.m. in LRDA's Conference Center and Book Distribution Center in downtown Pembroke. We're making plans for a revitalized newspaper. Let us hear from you. More next week.

6/11/1987



Pembroke Depot moves
Pembroke Railroad Depot has been moved to its new location at a site adjoining where the stately building once sat.
Eventual restoration is the aim of Pembroke Historic Properties Commission, and the Town of Pembroke. Bruce Barton, this newspaper's editor, is president of the commission and catalyst and originator of the restoration effort.
Extensive plans will be announced soon, according to Barton.

6/18/1987

PEMBROKE TRAIN DEPOT DESTROYED BY FIRE
 In the early morning hours of Monday, January 18, 1988 around 5 a.m., the old train depot tragically burned down. According to Acting Pembroke Chief of Police Jeff Locklear, the SBI was notified and is investigating the mishap. There is no word yet on the cause of the fire.

1/21/1988

In other new business, Manager Cummings recommended that the council offer a reward for information leading to the arrest and conviction of person or persons responsible for the burning of the Pembroke Train Depot. Mayor Hunt said the company moving the depot had \$60,000 worth of steel under the building when it burned and suggested a reward of \$1000. Councilman Vernon Oxendine said, "We may be able to solve the crime without a reward from what I keep hearing. I suggest that we wait a while and see what will happen." Councilman Larry Brooks suggested a \$500 reward instead of \$1000, saying that "if someone had information, \$500 would cause them to come forward."
 Councilman Henry Ward Oxendine moved that the town manager be allowed to offer a reward of \$700 that if in thirty days from Feb. 1, 1988 those responsible for the burning of the building had been apprehended. Councilman Brooks seconded the motion which carried without opposition.

2/4/1988

UNION CHAPEL RD

2020	pg. A3	EDR Digital Archive
2017	pg. A7	Cole Information
2014	pg. A11	Cole Information
2010	pg. A15	Cole Information
2005	pg. A19	Cole Information
2000	pg. A23	Cole Information
1995	pg. A27	Cole Information
1992	pg. A29	Cole Information

Target Street

Cross Street

Source

EDR Digital Archive

UNION CHAPEL RD 2020

100	NC DMV-PEMBROKE DRIVER LICENSE PEMBROKE COURTHOUSE PEMBROKE MAGISTRATE OFFICE TOWN OF PEMBROKE-TOWN HALL
104	LUMBEE CASKETS & GRANITE INC
208	COMPANION HOME CARE ROBINS PROFESSIONAL BEAUTY SLN
210	PEMBROKE RESCUE BASE
408	TABETHA CLARK
506	ATM FRESH FOODS IGA #6 WESTERN UNION AGENT LOCATION
512	PEMBROKE LASER WASH

Target Street

Cross Street

Source

Cole Information

UNION CHAPEL RD 2017

100	CITY OF PEMBROKE
102	DAVIS, JAMES A
104	LUMBEE CASKETS & GRANITE INC
204	PEMBROKE OPTOMETRIC CLINIC
205	CITY OF PEMBROKE IVEYS ACCOUNTING SERVICE INC PEMBROKE POWER HOUSE
208	ROBINS PROFESSIONAL BEAUTY SALON
210	PEMBROKE RESCUE BASE
302	PEMBROKE FIRST BAPTIST CHURCH
506	BOS FOOD STORE BOS SUPERMARKET

Target StreetCross StreetSource

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Cole Information

UNION CHAPEL RD 2014

100	CITY OF PEMBROKE
	LOCKLEAR, TONY
104	LUMBEE CASKETS & GRANITE INC
106	MUFFLER HOUSE NO 9
204	LOCKLEAR SANDRA DR
	PEMBROKE EYE CLINIC
	PEMBROKE OPTOMETRIC CLINIC
205	CITY OF PEMBROKE
	IVEYS ACCOUNTING SERVICE INC
	TOWN CLERK
208	COMPANION HOME CARE
	FASHIONS ICON
	ROBINS PROFESSIONAL BEAUTY SALON
	STRICKLAND INS & FINANCIAL SERVICES
	SUTTON RONNIE ATTORNEY AT LAW
210	PEMBROKE RESCUE BASE
234	LOCKLEAR, MARGARET
302	PEMBROKE FIRST BAPTIST CHURCH
310	JONES, BOBBIE L
406	CLARK, DENNIS R
408	CLARK, RAYMOND L
410	CUMMINGS, LAURA
412	DIETRICH, DAVID E
506	BOS FOOD STORE
512	PEMBROKE LASER WASH
518	TENDER HEARTS
524	CLARK, SHAVONNA
	GALIAMO, MONA

Target StreetCross StreetSource

-

✓

Cole Information

UNION CHAPEL RD 2010

102	DAVIS, JAMES A
104	CRUZ THRU & GRILL
106	MUFFLER HOUSE
203	IVEYS ACCOUNTING SVC INC
206	JERVONS DEPARTMENT STORE
	M CS CLOTHING STUDIO
208	SUTTON, RONNIE A
234	LOCKLEAR, MARGARET
310	JONES, BOBBIE
406	CLARK, JONATHAN M
408	CLARK, RAYMOND L
410	BRYANT, LORA
412	DIETRICH, DAVID E
512	PEMBROKE LASER WASH
518	LUMBEE TRIBAL ENROLLMENT

<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
-	✓	Cole Information

UNION CHAPEL RD 2005

100	TOWN OF PEMBROKE
102	DAVIS, JAMES A
104	FLOWERS BY LILLIAN
208	SUTTON, RONNIE A
234	LOCKLEAR, MARGARET
306	SANDERSON, JAMES K
310	JONES, BOBBIE
402	LOCKLEAR, ALFRED
406	CLARK, JONATHAN M
408	CLARK, RAYMOND L
410	BROOKS, RAYMOND J
506	BOS FOOD STORE
	BOS SUPERMARKET
524	OCCUPANT UNKNOWN,

<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
-	✓	Cole Information

UNION CHAPEL RD 2000

101	J W GUN & PAWN
104	FLOWERS BY LILLIAN
106	MUFFLER HOUSE NO 9
204	LOCKLEAR SANDRA DR OFFICE
	PEMBROKE OPTOMETRIC CLINIC
205	PEMBROKE OIL CO INCORPORATED
	PEMBROKE PUBLIC LIBRARY
206	JERVONS DEPARTMENT STORE
208	ARROW EDUCATIONAL PRODUCTS INCORPORATED
	BULLARD DONALD W
	BULLARD DONALD W ATTORNEY
	BULLARD, DONALD W
	PHONICS VOYAGE
	ROBINS PROFESSIONAL BEAUTY SALON
	SUTTON RONNIE ATTORNEY AT LAW
302	PEMBROKE FIRST BAPTIST CHURCH
310	JONES, BOBBIE
410	BROOKS, RAYMOND J
502	MCGIRT, ANNIE P
506	BOS SUPERMARKET

<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
-	✓	Cole Information
UNION CHAPEL RD		1995
211	BOBS JEWEL SHOP	
707	HEALTH ARTS	
	RUDOLPH CORONADO JR DC	

<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
-	✓	Cole Information
UNION CHAPEL RD		1992
204	LOCKLEAR SANDRA DR OFFICE	
	MASTERS MARY ANN M DR	
	PEMBROKE OPTOMETRIC CLINIC	
205	PEMBROKE POWER HOUSE	

Pembroke Park - National Register of Historic Places Map



July 21, 2026

-  Pembroke Park
-  National Register of Historic Places

1:18,056

0 0.13 0.25 0.5 mi

0 0.2 0.4 0.8 km

Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, EPA OEI, OFA, NC CGIA, Vantor

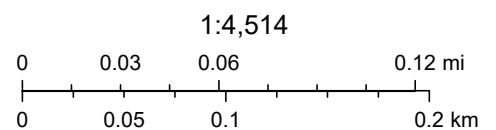
NCHPO HPOWEB



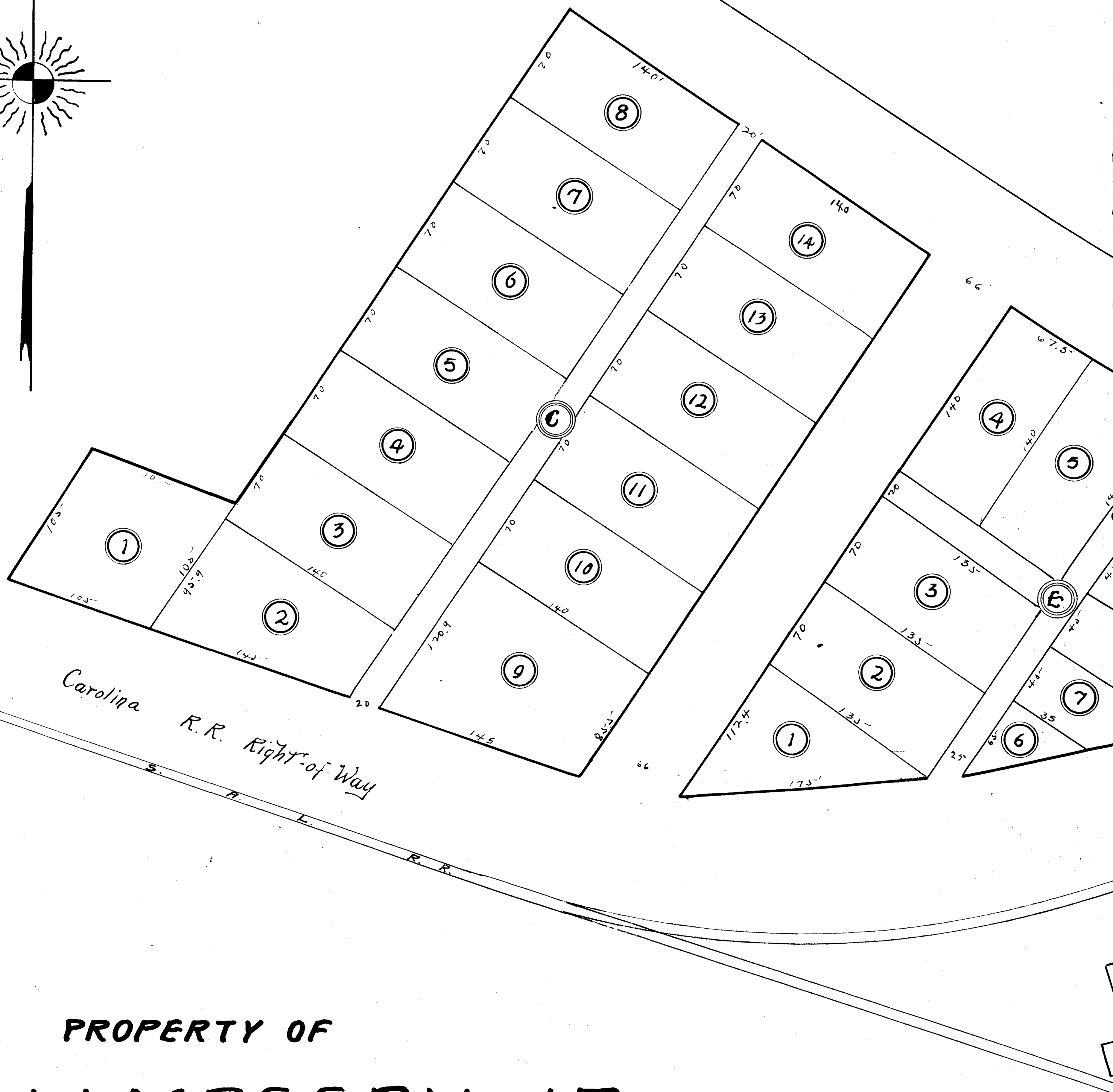
7/17/2026, 5:19:21 PM

Surveyed individual resources & centerpoints

-  Surveyed Only
-  Surveyed Only, Gone
-  Counties (outline)



Source: Esri, USDA FSA



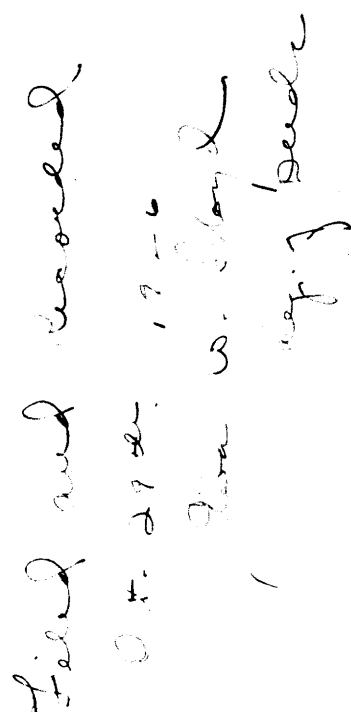
PROPERTY OF

SURVEYED FOR ALLEN BROS.

By W. P. Massey - Engineer.

OCT. 15T-1919.

SCALE 1 in = 50'



HPO #	Resource	Address	Location	County	Built	Associated Rail System
FY9257	Norfolk Southern Railroad Deck Plate Overpass Girder Bridge over N Broad Street and Northwest Boulevard	N Broad St and Northwest Boulevard	Winston-Salem	Forsyth	1961	NS
FY9258	Norfolk Southern Railroad Deck Plate Girder Overpass Bridge Over E. Northwest Boulevard	Over E. Northwest Boulevard	Winston-Salem	Forsyth	ca. 1925	NS
FY9259	Norfolk Southern Railroad Overpass Bridge Over Indiana Avenue	Over Indiana Avenue	Winston-Salem	Forsyth	ca.1928	NS
GF9167	Norfolk Southern Railway Overpass Bridge Over Elm Street	Over Elm Street	Greensboro	Guilford	ca. 1920	NS
GF9168	Norfolk Southern Railway and North Carolina Railroad Overpass Bridge Over Fulton Street	Over Fulton Street	Greensboro	Guilford	1907	NS
GF9169	Norfolk Southern Railway and North Carolina Railroad Overpass Bridge Over Tate Street	Over Tate Street	Greensboro	Guilford	ca. 1920	NS
GF9170	Norfolk Southern Railway and North Carolina Railroad Overpass bridge of Abandoned NS Branch/Downtown Greenway	Over abandoned NS Branch near Eugene Court (to the north), Downtown Greenway goes under	Greensboro	Guilford	1928	NS
GF9171	Southern Railway Pomona Rail Yard	Oakland Avenue	Greensboro	Guilford	ca. 1927	NS
GF9172	Southern Railway Pomona Rail Yard Office	Oakland Avenue	Greensboro	Guilford	ca. 1927	NS
GF9173	Norfolk Southern Railway and North Carolina Railroad Overpass Bridge, Over S. Holden Road (SR1392)	Over S. Holden Road	Greensboro	Guilford	ca. 1950	NS
GF9174	High Point, Randleman, Asheboro & Southern RR Co. Pile Trestle over Richland Creek	over Richland Creek north of I-85 and on the east side of Jarrell Street	High Point	Guilford	ca. 1927	NS
HT1245	Atlantic and Western Railway/ Norfolk Southern Railroad Lillington Station (moved)	101 E. Duncan Street	Lillington	Harnett	ca. 1910	NS
HF1696	Ahoskie Rail Freight Depot and Yard	Catherine Street	Ahoskie	Hertford	ca. 1970	CSX
MR1429	Norfolk Southern Railway Overpass Bridge over Beulah Hill Road S (NC5) (NCDOT Bridge # 620029)	South of Intersection of Beulah Hill Road N and Cherokee Road	Pinehurst	Moore	ca. 1935	NS
NS1567	W. Nash Street Railroad Crossing	W. Nash Street	Spring Hope	Nash	ca. 1886	CSX
NS1568	Atlantic Coast Railroad Depot Historic District	101, 107–111 Coastline Street	Rocky Mount	Nash	1903–1972	CSX
OR3238	North Carolina Railroad Brick Arch Culvert	over branch leading to Eno River	Hillsborough	Orange	ca. 1855	NCRR/NS
PT3361	Atlantic Coast Line Bridge over Tar River	over Tar River	Greenville	Pitt	1952	CSX
RH0753	CSX Hamlet Rail Yard	176–361 CSX Drive	Hamlet	Richmond	ca. 1954	CSX
RH0754	CSX Hamlet Rail Yard Office and Hump Tower	176–361 CSX Drive	Hamlet	Richmond	ca. 1954	CSX
RH0755	CSX Hamlet Rail Yard Pedestrian Tunnel	176–361 CSX Drive	Hamlet	Richmond	ca. 1954	CSX
RH0756	CSX Hamlet Rail Yard Car Shop	176–361 CSX Drive	Hamlet	Richmond	ca. 1954	CSX
RH0757	CSX Hamlet Rail Yard Water Tower	176–361 CSX Drive	Hamlet	Richmond	ca. 1954	CSX
RB0740	Atlantic Coast Line Railroad Underpass Bridge Carrying Alt Route 74 (NCDOT # 770014)	Carrying Alt Route 74	Pembroke	Robeson	1948	CSX
RB0741	Atlantic Coast Line Signal Manufacturers House	West Side of Union Chapel Road (Route 1563)	Pembroke	Robeson	ca. 1917	CSX

ATTACHMENT 8:

Endangered Species

NCORR USFWS Raleigh ES FO 10-
Step Project Review and No Effect
Determination (for records)



North Carolina Department of Public Safety
Office of Recovery and Resiliency

Josh Stein, Governor
Jeffrey Smythe, Secretary

Pryor Gibson, Director

July 23, 2026

U.S. Fish and Wildlife Service
Raleigh ES Field Office
P.O. Box 33726
Raleigh, NC 27636-3726

FOR NCORR RECORDS

RE: Section 7 Project Review - No Effect Determination
NCORR - HUD CDBG-MIT Program
Pembroke Park
Vance Street near First Street West
Pembroke, NC 28372

The North Carolina Office of Recovery and Resiliency (NCORR) as a recipient of Community Development Block Grant – Mitigation (CDBG-MIT) funds from the United States Department of Housing and Urban Development (HUD) is considering funding this proposed Infrastructure Recovery Program project, Pembroke Park, along Vance Street near First Street West, Pembroke, Robeson County, NC 28372. The State of North Carolina was adversely impacted by the landfall of Hurricanes Matthew (October 8, 2016) and Florence (September 14, 2018).

The Pembroke Park will preserve the property for public recreation on the walking trails and playground while incorporating educational and flood mitigation components. The proposed project involves new construction of a Town-owned park featuring a bronze turtle sculpture surrounded by garden beds and paths shaped as a giant turtle, playground structures on a safe permeable surface, over 0.16 mile of natural grit partially permeable walking trails and a 0.11-mile loop, pollinator garden, native and medicinal plant gardens, rain garden, interpretive signage and information kiosk, education area with seat walls, bench swing, mowed lawn areas, picnic tables, seating, rail fence, trees, and paved parallel parking along Vance Street.

The purpose of this letter is to provide the U.S. Fish and Wildlife Service – Raleigh ES Field Office (USFWS) notice of the proposed project and to document compliance with Section 7 of the Endangered Species Act (ESA) of 1973 (16 U.S.C. 1531-1544, 87 Stat. 884), as well as the Migratory Bird Treaty Act (MBTA) (16 U.S.C. 703–712) and the Bald and Golden Eagle Protection Act (BGEPA) (16 U.S.C. 668-668c, 54 Stat. 250), as amended.

Mailing Address:
Post Office Box 110465
Durham, NC 27709



An Equal Opportunity Employer

Phone: (984) 833-5356
www.ncdps.gov
www.rebuild.nc.gov

NCORR has reviewed the proposed project using the USFWS Raleigh Ecological Services' online 10-step project review process and made “**no effect**” determinations for proposed/listed species and/or proposed/designated critical habitat and a “**no Eagle Act permit required**” determination for eagles. The 10-step Project Review Package is being retained in the ERR for the proposed project in accordance with all instructions provided, using the best available information to reach our conclusions.

A NC Natural Heritage Program (NHP) database query report and USFWS Information for Planning and Consultation (IPaC) Official Species List were prepared for the proposed project. The Official Species List identified a total of five threatened, endangered or candidate species and no critical habitat for the proposed project area. These species include the threatened Red-cockaded woodpecker (*Dryobates borealis*), threatened American alligator (*Alligator mississippiensis*), proposed threatened Southern hognose snake (*Heterodon simus*), proposed threatened Monarch butterfly (*Danaus Plexippus*), and endangered Michaux's sumac (*Rhus michauxii*). 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. The Official Species List identified six migratory birds of conservation concern including the Bald Eagle that may be present in this area.

This Town-owned park and playground will be constructed on a vacant mowed lawn with frontage along Vance Street situated north of the CSX ROW property with railroad tracks. A small stand of mostly mature Bradford pear trees are situated in the northeast corner near the existing drainage ditch which runs under Vance Street and east towards Bonnie Road. One existing mature pecan tree is located on the southwestern portion of the Subject Property close to Vance Street and West Railroad Street. There are existing overhead transmission lines on the Subject Property ROW along Vance Street. Woodpeckers and Bald Eagles have not been observed within the small, wooded area. There will be **no or minimal tree clearing** to affect any potential habitat for the Red-cockaded Woodpecker and Bald Eagle. The proposed project's action area does not include suitable habitat for the American Alligator. Due to regular mowing, the proposed project's action area is considered poor to unsuitable habitat for Monarch Butterflies and Michaux's Sumac.

The proposed project will preserve and construct habitat for local wildlife and educate the public on the importance of native plants to the Lumbee Tribe of NC through interpretive signage and an information kiosk. A Lumbee traditional medicinal plant garden with a rain garden will be installed near the existing drainage ditch. The rain garden provides an informal bioretention, depressed area in the landscape that collects rainwater and allows it to slowly soak into the ground. Rain gardens are a cost-effective and beautiful way to reduce runoff, filter out pollutants and provide food and shelter for butterflies, songbirds and other wildlife. The longleaf pine trees planted along the Subject Property boundary will play a significant role in reducing flood risk by stabilizing soils, slowing water runoff, and improving water infiltration. Therefore, funding for the proposed project will be provided in part by the HUD CDBG-MIT Infrastructure Recovery Program for Hurricanes Matthew and Florence storm recovery activities in North Carolina. Additionally, NCORR is administering NC Department of Environmental Quality (DEQ), Mitigation Services Division funding awarded for this project. The proposed project activities will be completed in accordance with all applicable federal, State, and local laws, regulations, and permit requirements and conditions.

NCORR reviewed the proposed project using the USFWS Raleigh Ecological Services (ES) Field Office's (FO) online 10-step project review process and made "**no effect**" (**NE**) determinations for proposed/listed species and/or proposed/designated critical habitat and a "**no Eagle Act permit required**" determination for Bald Eagles (**Attachment 8**). On July 20, 2026, the USFWS issued a North Carolina Ecological Services Field Offices (ESFOs) Determination Key (NC DKey) result of **NE**. Under ESA §7, if a federal action agency or designated representative makes a **NE** determination, no consultation with the Service is required for that species (ESA §7). The attached letter confirms NCORR may rely on effect determinations provided in the NC DKey for project review to satisfy agency consultation requirements under Section 7(a)(2) of the ESA.

If you have any questions or require additional information regarding this request, please feel free to contact Andrea Gievers at (845) 682-1700 or via email at Andrea.L.Gievers@Rebuild.NC.gov. Thank you for your time and assistance.

Sincerely,



Andrea Gievers, JD, MSEL, ERM
NCORR Environmental Subject Matter Expert

Attachments:

- 10-step Project Review Package



United States Department of the Interior

FISH AND WILDLIFE SERVICE
Raleigh Ecological Services Field Office
3916 Sunset Ridge Rd
Raleigh, NC 27607
Phone: (919) 856-4520 Fax: (919) 856-4556



In Reply Refer To:
Project code: 2026-0117211
Project Name: Pembroke Park

07/20/2026 15:51:01 UTC

Federal Nexus: yes

Federal Action Agency (if applicable): State of North Carolina

Subject: Record of project proponent's determinations for 'Pembroke Park'.

Dear Andrea Gievers:

This letter records your determination using the Information for Planning and Consultation (IPaC) system provided to the U.S. Fish and Wildlife Service (Service) on July 20, 2026, for "Pembroke Park" (here forward, Project). This project has been assigned Project Code 2026-0117211 and all future correspondence should clearly reference this number. **Please carefully review this letter. Your Endangered Species Act (ESA) requirements may not be complete.**

Ensuring Accurate Determinations When Using IPaC

The Service developed IPaC and associated species' determination keys in accordance with the Endangered Species Act of 1973 (ESA; 87 Stat. 884, as amended; 16 U.S.C. 1531 *et seq.*) and based on qualifying actions in a standing analysis. All information submitted by the federal action agency or designated representative to IPaC must accurately represent the full scope and details of the Project.

Failure to accurately represent or implement the Project as detailed in IPaC or the North Carolina Ecological Services Field Offices (ESFOs) Determination Key (NC DKey) invalidates this letter. **Answers to certain questions in the NC DKey commit the federal action agency to implementation of conservation measures that must be followed for the ESA determination to remain valid.**

Determinations

Based on your answers and the assistance of the Service's North Carolina DKey, you made the following effect determination(s) for the proposed Action:

Species	Listing Status	Determination
Michaux's sumac (<i>Rhus michauxii</i>)	Endangered	No effect
Red-cockaded woodpecker (<i>Dryobates borealis</i>)	Threatened	No effect

Conclusion

No Effect (NE)

To make NE determinations, the full scope of the proposed Action should not have any effects (either positive or negative) on a federally listed species or designated critical habitat. Effects of the Action are all consequences to listed species or designated critical habitat that are caused by the proposed Action. A consequence is caused by the proposed Action if it would not occur but for the proposed Action, and it is reasonably certain to occur. Effects of the Action may occur later in time and may include consequences occurring outside the immediate area involved in the Action. (See § 402.17).

Under Section 7 of the ESA, if a federal action agency or designated representative makes a NE determination, no consultation with the Service is required for that species (ESA §7).

This letter confirms you may rely on effect determinations provided in the NC DKey for project review to satisfy agency consultation requirements under Section 7(a)(2) of the ESA.

Due to obligations under the ESA, potential impacts of this project must be reconsidered if: (1) new information reveals impacts of this **identified** Action may affect any listed species or critical habitat in a manner not previously considered; (2) this Action is subsequently modified in a manner which was not considered in this assessment; or (3) a new species is listed or critical habitat is designated that may be affected by the identified Action. If any of the above conditions occur, additional consultation with the Service's North Carolina ESFOs should take place before project changes are final or resources are committed.

Please note, the Service will audit NC DKey responses and outputs for accuracy and completeness. If deficiencies are found or questions arise, the Service will notify you within 30 days. No further consultation for this project is required if we do not contact you within the 30-day timeframe.

Other Species and Critical Habitat that May be Present in the Action Area

The IPaC-assisted NC DKey does **not** apply to the following ESA-protected or proposed species and/or designated or proposed critical habitat that may also occur in your Action area:

- American alligator *Alligator mississippiensis* Similarity of Appearance (Threatened)
- Monarch butterfly *Danaus plexippus* Proposed Threatened
- Southern hognose snake *Heterodon simus* Proposed Threatened

To address these resources, you may access additional determination keys in IPaC or coordinate with the North Carolina ESFOs for guidance as to whether the Action may affect the federally listed species or designated critical habitat listed above. Species or critical habitat proposed for listing are not afforded protection under the ESA, and Section 7 of the ESA does not apply. However, as soon as a listing or designation becomes effective (typically 30 days after publication of the final rule in the Federal Register), the prohibitions of the ESA will apply.

Action Description

You provided to IPaC the following name and description for the subject Action.

1. Name

Pembroke Park

2. Description

The following description was provided for the project 'Pembroke Park':

The proposed project will preserve and construct habitat for local wildlife and educate the public on the importance of native plants to the Lumbee Tribe of NC through interpretive signage and an information kiosk. This Town-owned park will feature a giant turtle-shaped in garden beds and paths, a pollinator garden, native and medicinal plant gardens, rain garden, interpretive signage and information kiosk, education area with seat walls, bench swing, mowed lawn areas, picnic tables, seating, rail fence, and numerous trees planted. The Pembroke Park will preserve the property for public recreation on the walking trails and playground while incorporating an educational area and signage with flood mitigation components. A Lumbee traditional medicinal plant garden with a rain garden will be installed near the existing drainage ditch. The rain garden will reduce runoff, filter out pollutants and provide food and shelter for butterflies, songbirds and other wildlife. The longleaf pine trees will provide wildlife habitat and reduce flood risk, slow water runoff, and improve water infiltration. The proposed project activities will be completed in accordance with all applicable federal, State, and local laws, regulations, and permit requirements and conditions.

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@34.6822781,-79.19234729187798,14z>



QUALIFICATION INTERVIEW

1. As a representative of this project, do you agree that all items submitted represent the complete scope of the project details and you will answer all questions truthfully?

Yes

2. Is the project a federal grant, loan transfer, or federally-insured loan project request for existing structures, utilities and infrastructure that may be completed without requiring additional activities?

Note: If your project fits this description, it may be eligible to use the Dkey "Clearance to Proceed with Federally-Insured Loan and Grant Project Requests." If you are interested in changing the Dkey, Select 'Exit Review' at the top of this screen and return to Step 2: Evaluate Determination Keys in IPaC.

No

3. Does the proposed project include, or is it reasonably certain to cause, intentional take of listed species?

No

4. Is the action authorized, permitted, licensed, funded, or being carried out by a Federal agency in whole or in part?

Yes

5. Is the lead federal action agency the Army Corps of Engineers?

No

6. Are you the lead federal action agency or designated non-federal representative?

Yes

7. Is the project being implemented by or for an agency that has a Programmatic Biological Opinion (PBO) issued by the U.S. Fish and Wildlife Service for the specific project type that is being proposed and species considered?

No

8. Does this analysis include all effects of the action to listed species and their critical habitats that may result from the project in the action area?

Yes

9. Will all project activities be located entirely within previously disturbed, urbanized, or developed areas or within areas that do not represent suitable habitat for federally protected species?

No

10. Will the proposed project occur entirely within an existing road right-of-way (ROW)?

No

11. Is the project an existing structure that requires maintenance, repair, or replacement?

No

12. Will the project impact wetlands (directly or indirectly)?

No

13. Will the project alter surface water flow, water velocity, water depth, or water quality in streams or other waterways either permanently or temporarily?

No

14. Will the project alter groundwater flow, velocity, direction, quality, or discharge to streams, wetlands, or other bodies of water either permanently or temporarily?

No

15. Will the proposed project involve ground disturbance (e.g., vehicles, tracked equipment, excavating, grading, placing fill material, etc.)?

Yes

16. Will the proposed project involve earth moving or ground disturbance that could cause erosion and sedimentation, and/or contamination within 300 feet of a freshwater wetland or along a stream or tributary of a stream?

No

17. Will the proposed project involve streambed disturbance?

No

18. Will the proposed project include the application of pesticides or herbicides?

No

19. Will the project have any impact to cliffs, rock outcrops, or rocks laying adjacent to rock outcrops?

No

20. Will the proposed project result in changes to beach dynamics that may modify formation of habitat over time?

No

21. Is the action area located within suitable **red-cockaded woodpecker** foraging habitat or nesting habitat (pine or pine/hardwood stands in which 50% or more of the dominant trees are pines and the dominant pine trees are 30 years of age or older or ≥ 8 -inches dbh)?

No

22. Was a suitable habitat assessment conducted for **Michaux's sumac** in the proposed area of impact? (If a suitable habitat assessment was not conducted, presence of habitat will be assumed to be YES)

If yes, please upload suitable habitat assessment.

Yes

SUBMITTED DOCUMENTS

- Attachment 1A Site Visit Photographs.pdf <https://ipac.ecosphere.fws.gov/project/V73KOQUNLNH4DDZG5QSD2WMGAQ/projectDocuments/184877309>

23. Is suitable habitat present for **Michaux's sumac** in the action area?

Note: Suitable habitat for Michaux's sumac can be found in sandy or rocky open woods in association with basic soils. The species typically survives best in areas where some form of disturbance (i.e., fire) has provided an open area.

No

DETERMINATION KEY RESULTS

1. Which Federal Agency is the lead agency for your project?

HUD

2. For any plant surveys conducted for your project, please list the species and date of survey below.

NA

IPAC USER CONTACT INFORMATION

Agency: State of North Carolina
Name: Andrea Gievers
Address: P.O. Box 110465
Address Line 2: NCORR
City: Durham
State: NC
Zip: 27709
Email: andrea@arcolaenv.com
Phone: 8456821700



United States Department of the Interior

FISH AND WILDLIFE SERVICE
Raleigh Ecological Services Field Office
3916 Sunset Ridge Rd
Raleigh, NC 27607
Phone: (919) 856-4520 Fax: (919) 856-4556



In Reply Refer To:
Project Code: 2026-0117211
Project Name: Pembroke Park

07/20/2026 15:55:00 UTC

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*). If your project area contains suitable habitat for any of the federally-listed species on this species list, the proposed action has the potential to adversely affect those species. If suitable habitat is present, surveys should be conducted to determine the species' presence or absence within the project area. The use of this species list and/or North Carolina Natural Heritage program data should not be substituted for actual field surveys.

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered

species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<https://www.fws.gov/sites/default/files/documents/endangered-species-consultation-handbook.pdf>

Migratory Birds: In addition to responsibilities to protect threatened and endangered species under the Endangered Species Act (ESA), 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. Any activity resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the U.S. Fish and Wildlife Service (50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)). For more information regarding these Acts, see <https://www.fws.gov/program/migratory-bird-permit/what-we-do>.

It is the responsibility of the project proponent to comply with these Acts by identifying potential impacts to migratory birds and eagles within applicable NEPA documents (when there is a federal nexus) or a Bird/Eagle Conservation Plan (when there is no federal nexus). Proponents should implement conservation measures to avoid or minimize the production of project-related stressors or minimize the exposure of birds and their resources to the project-related stressors. For more information on avian stressors and recommended conservation measures, see <https://www.fws.gov/library/collections/threats-birds>.

In addition to MBTA and BGEPA, Executive Order 13186: *Responsibilities of Federal Agencies to Protect Migratory Birds*, obligates all Federal agencies that engage in or authorize activities that might affect migratory birds, to minimize those effects and encourage conservation measures that will improve bird populations. Executive Order 13186 provides for the protection of both migratory birds and migratory bird habitat. For information regarding the implementation of Executive Order 13186, please visit <https://www.fws.gov/partner/council-conservation-migratory-birds>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Code in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List
- USFWS National Wildlife Refuges and Fish Hatcheries
- Bald & Golden Eagles
- Migratory Birds

OFFICIAL SPECIES LIST

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Raleigh Ecological Services Field Office
3916 Sunset Ridge Rd
Raleigh, NC 27607
(919) 856-4520

PROJECT SUMMARY

Project Code: 2026-0117211

Project Name: Pembroke Park

Project Type: Recreation - New Construction

Project Description: The proposed project will preserve and construct habitat for local wildlife and educate the public on the importance of native plants to the Lumbee Tribe of NC through interpretive signage and an information kiosk. This Town-owned park will feature a giant turtle-shaped in garden beds and paths, a pollinator garden, native and medicinal plant gardens, rain garden, interpretive signage and information kiosk, education area with seat walls, bench swing, mowed lawn areas, picnic tables, seating, rail fence, and numerous trees planted. The Pembroke Park will preserve the property for public recreation on the walking trails and playground while incorporating an educational area and signage with flood mitigation components. A Lumbee traditional medicinal plant garden with a rain garden will be installed near the existing drainage ditch. The rain garden will reduce runoff, filter out pollutants and provide food and shelter for butterflies, songbirds and other wildlife. The longleaf pine trees will provide wildlife habitat and reduce flood risk, slow water runoff, and improve water infiltration. The proposed project activities will be completed in accordance with all applicable federal, State, and local laws, regulations, and permit requirements and conditions.

Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@34.6822781,-79.19234729187798,14z>



Counties: Robeson County, North Carolina

ENDANGERED SPECIES ACT SPECIES

There is a total of 5 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

BIRDS

NAME	STATUS
Red-cockaded woodpecker <i>Dryobates borealis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/7614	Threatened

REPTILES

NAME	STATUS
American alligator <i>Alligator mississippiensis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/776	Similarity of Appearance (Threatened)
Southern hognose snake <i>Heterodon simus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/3248	Proposed Threatened

INSECTS

NAME	STATUS
Monarch butterfly <i>Danaus plexippus</i> There is proposed critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/9743	Proposed Threatened

FLOWERING PLANTS

NAME	STATUS
Michaux's sumac <i>Rhus michauxii</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/5217	Endangered

CRITICAL HABITATS

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

USFWS NATIONAL WILDLIFE REFUGE LANDS AND FISH HATCHERIES

Any activity proposed on lands managed by the [National Wildlife Refuge](#) system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS OR FISH HATCHERIES WITHIN YOUR PROJECT AREA.

BALD & GOLDEN EAGLES

Bald and Golden Eagles are protected under the Bald and Golden Eagle Protection Act ² and the Migratory Bird Treaty Act (MBTA) ¹. Any person or organization who plans or conducts activities that may result in impacts to Bald or Golden Eagles, or their habitats, should follow appropriate regulations and consider implementing appropriate avoidance and minimization measures, as described in the various links on this page.

-
1. The [Bald and Golden Eagle Protection Act](#) of 1940.
 2. The [Migratory Birds Treaty Act](#) of 1918.
 3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

There are Bald Eagles and/or Golden Eagles in your [project](#) area.

Measures for Proactively Minimizing Eagle Impacts

For information on how to best avoid and minimize disturbance to nesting bald eagles, please review the [National Bald Eagle Management Guidelines](#). You may employ the timing and activity-specific distance recommendations in this document when designing your project/ activity to avoid and minimize eagle impacts. For bald eagle information specific to Alaska, please refer to [Bald Eagle Nesting and Sensitivity to Human Activity](#).

The FWS does not currently have guidelines for avoiding and minimizing disturbance to nesting Golden Eagles. For site-specific recommendations regarding nesting Golden Eagles, please consult with the appropriate Regional [Migratory Bird Office](#) or [Ecological Services Field Office](#).

If disturbance or take of eagles cannot be avoided, an [incidental take permit](#) may be available to authorize any take that results from, but is not the purpose of, an otherwise lawful activity. For assistance making this determination for Bald Eagles, visit the [Do I Need A Permit Tool](#). For assistance making this determination for golden eagles, please consult with the appropriate Regional [Migratory Bird Office](#) or [Ecological Services Field Office](#).

Ensure Your Eagle List is Accurate and Complete

If your project area is in a poorly surveyed area in IPaC, your list may not be complete and you may need to rely on other resources to determine what species may be present (e.g. your local FWS field office, state surveys, your own surveys). Please review the [Supplemental Information on Migratory Birds and Eagles](#), to help you properly interpret the report for your specified location, including determining if there is sufficient data to ensure your list is accurate.

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to bald or golden eagles on your list, see the "Probability of Presence Summary" below to see when these bald or golden eagles are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON
Bald Eagle <i>Haliaeetus leucocephalus</i> This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. https://ecos.fws.gov/ecp/species/1626	Breeds Sep 1 to Jul 31

PROBABILITY OF PRESENCE SUMMARY

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read "[Supplemental Information on Migratory Birds and Eagles](#)", specifically the FAQ section titled "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Green bars; the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during that week of the year.

Breeding Season (■)

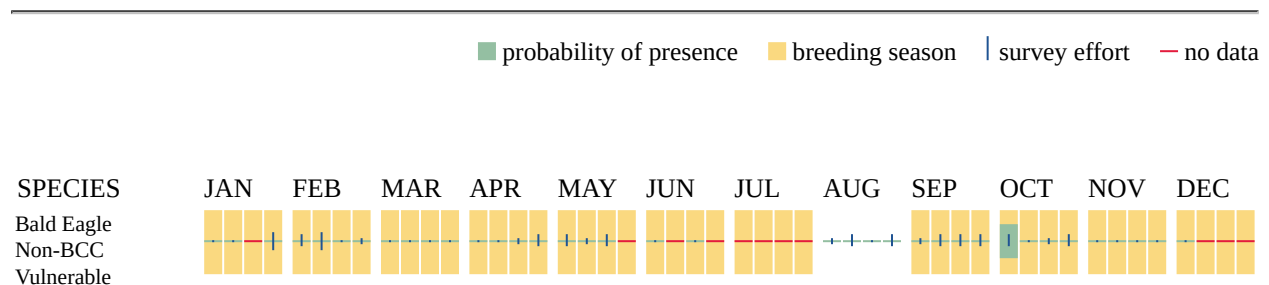
Yellow bars; liberal estimate of the timeframe inside which the bird breeds across its entire range.

Survey Effort (|)

Vertical black lines; the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

No Data (—)

A week is marked as having no data if there were no survey events for that week.



Additional information can be found using the following links:

- Eagle Management <https://www.fws.gov/program/eagle-management>
- Measures for avoiding and minimizing impacts to birds <https://www.fws.gov/library/collections/avoiding-and-minimizing-incident-take-migratory-birds>

- Nationwide avoidance and minimization measures for birds <https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf>
- Supplemental Information for Migratory Birds and Eagles in IPaC <https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action>

MIGRATORY BIRDS

The Migratory Bird Treaty Act (MBTA) ¹ prohibits the take (including killing, capturing, selling, trading, and transport) of protected migratory bird species without prior authorization by the Department of Interior U.S. Fish and Wildlife Service (Service).

1. The [Migratory Birds Treaty Act](#) of 1918.
2. The [Bald and Golden Eagle Protection Act](#) of 1940.
3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, see the "Probability of Presence Summary" below to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON
American Kestrel <i>Falco sparverius paulus</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/9587	Breeds Apr 1 to Aug 31
Bald Eagle <i>Haliaeetus leucocephalus</i> This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. https://ecos.fws.gov/ecp/species/1626	Breeds Sep 1 to Jul 31
Brown-headed Nuthatch <i>Sitta pusilla</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/9427	Breeds Mar 1 to Jul 15
Chimney Swift <i>Chaetura pelagica</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9406	Breeds Mar 15 to Aug 25

NAME	BREEDING SEASON
Red-headed Woodpecker <i>Melanerpes erythrocephalus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9398	Breeds May 10 to Sep 10
Wood Thrush <i>Hylocichla mustelina</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9431	Breeds May 10 to Aug 31

PROBABILITY OF PRESENCE SUMMARY

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read "[Supplemental Information on Migratory Birds and Eagles](#)", specifically the FAQ section titled "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Green bars; the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during that week of the year.

Breeding Season (■)

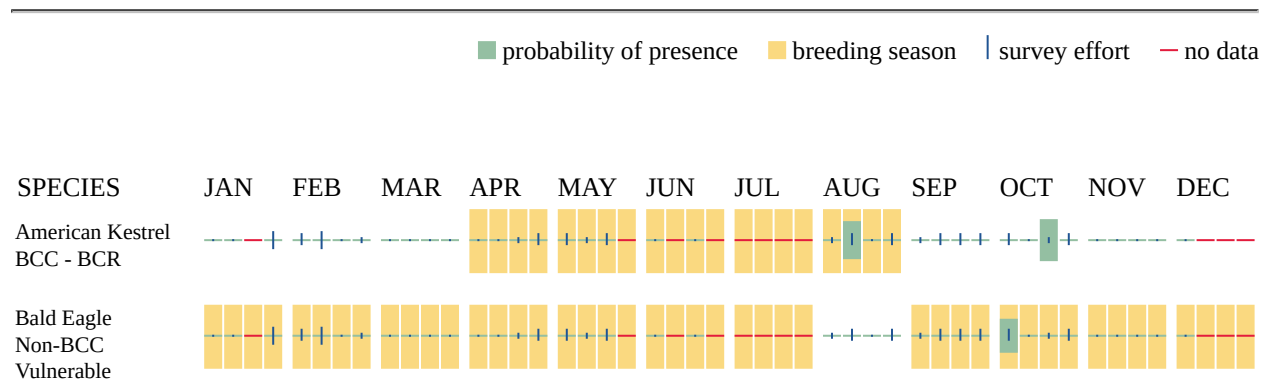
Yellow bars; liberal estimate of the timeframe inside which the bird breeds across its entire range.

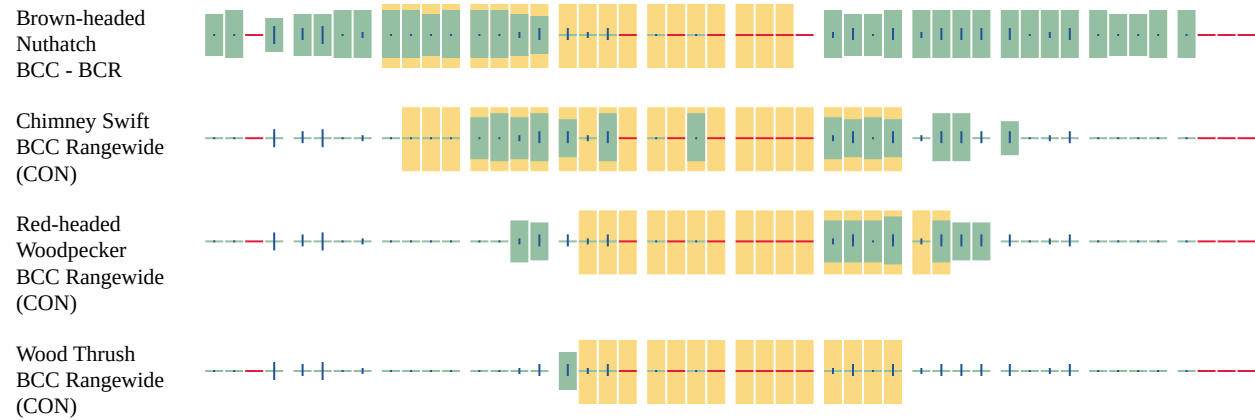
Survey Effort (|)

Vertical black lines; the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

No Data (—)

A week is marked as having no data if there were no survey events for that week.



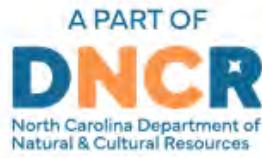


Additional information can be found using the following links:

- Eagle Management <https://www.fws.gov/program/eagle-management>
- Measures for avoiding and minimizing impacts to birds <https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds>
- Nationwide avoidance and minimization measures for birds
- Supplemental Information for Migratory Birds and Eagles in IPaC <https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action>

IPAC USER CONTACT INFORMATION

Agency: State of North Carolina
Name: Andrea Gievers
Address: P.O. Box 110465
Address Line 2: NCORR
City: Durham
State: NC
Zip: 27709
Email: andrea@arcolaenv.com
Phone: 8456821700



Josh Stein
Governor

Pamela B. Cashwell
Secretary, DNCR

Misty Franklin
Director, NC Natural Heritage Program

NCNHDE-36019

July 17, 2026

Andrea Gievers
NCORR
P.O. Box 110465
Durham, NC 27709
RE: Pembroke Park

Dear Andrea Gievers:

The North Carolina Natural Heritage Program (NCNHP) appreciates the opportunity to provide information about natural heritage resources for the project referenced above.

Based on the project area mapped with your request, a query of the NCNHP database indicates that there are no records for rare species, important natural communities, natural areas, and/or conservation/managed areas within the proposed project boundary. Please note that although there may be no documentation of natural heritage elements within the project boundary, it does not imply or confirm their absence; the area may not have been surveyed. The results of this query should not be substituted for field surveys where suitable habitat exists. In the event that rare species are found within the project area, please contact the NCNHP so that we may update our records.

The attached 'Potential Occurrences' table summarizes rare species and natural communities that have been documented within a one-mile radius of the property boundary. The proximity of these records suggests that these natural heritage elements may potentially be present in the project area if suitable habitat exists. Tables of natural areas and conservation/managed areas within a one-mile radius of the project area, if any, are also included in this report.

If a Federally-listed species is found within the project area or is indicated within a one-mile radius of the project area, the NCNHP recommends contacting the US Fish and Wildlife Service (USFWS) for guidance. Contact information for USFWS offices in North Carolina is found here:

https://www.fws.gov/our-facilities?type=%5B%22Conservation%20Office%22%5D&state_name=%5B%22North%20Carolina%22%5D.

Please note that natural heritage element data are maintained for the purposes of conservation planning, project review, and scientific research, and are not intended for use as the primary criteria for regulatory decisions. Information provided by the NCNHP database may not be published without prior written notification to the NCNHP, and the NCNHP must be credited as an information source in these publications. Maps of NCNHP data may not be redistributed without permission.

Also note that if a Dedicated Nature Preserve (DNP), Registered Natural Heritage Area (RHA), or a NC Land and Water Fund (NCLWF) Project or Conservation Agreement are documented near the project area, NCNHP or NCLWF staff may provide additional correspondence.

If you have questions regarding the information provided in this letter or need additional assistance, please contact the NCNHP at natural.heritage@dncr.nc.gov.

Sincerely,
NC Natural Heritage Program

Natural Heritage Element Occurrences, Natural Areas, and Managed Areas Within a One-mile Radius of the Project Area
Pembroke Park
July 17, 2026
NCNHDE-36019

Element Occurrences Documented Within a One-mile Radius of the Project Area

Taxonomic Group	EO ID	Scientific Name	Common Name	Last Observation Date	Element Occurrence Rank	Accuracy	Federal Status	State Status	Global Rank	State Rank
Dragonfly or Damselfly	33769	Somatochlora georgiana	Coppery Emerald	2004-Pre	H?	5-Very Low	---	Significantly Rare	G3G4	S1?
Dragonfly or Damselfly	33789	Triacanthagyna trifida	Phantom Darner	2004-Pre	H?	5-Very Low	---	Significantly Rare	G5	S1
Vascular Plant	6967	Clinopodium georgianum	Georgia Calamint	1955-09-17	H	4-Low	---	Endangered	G4	S1

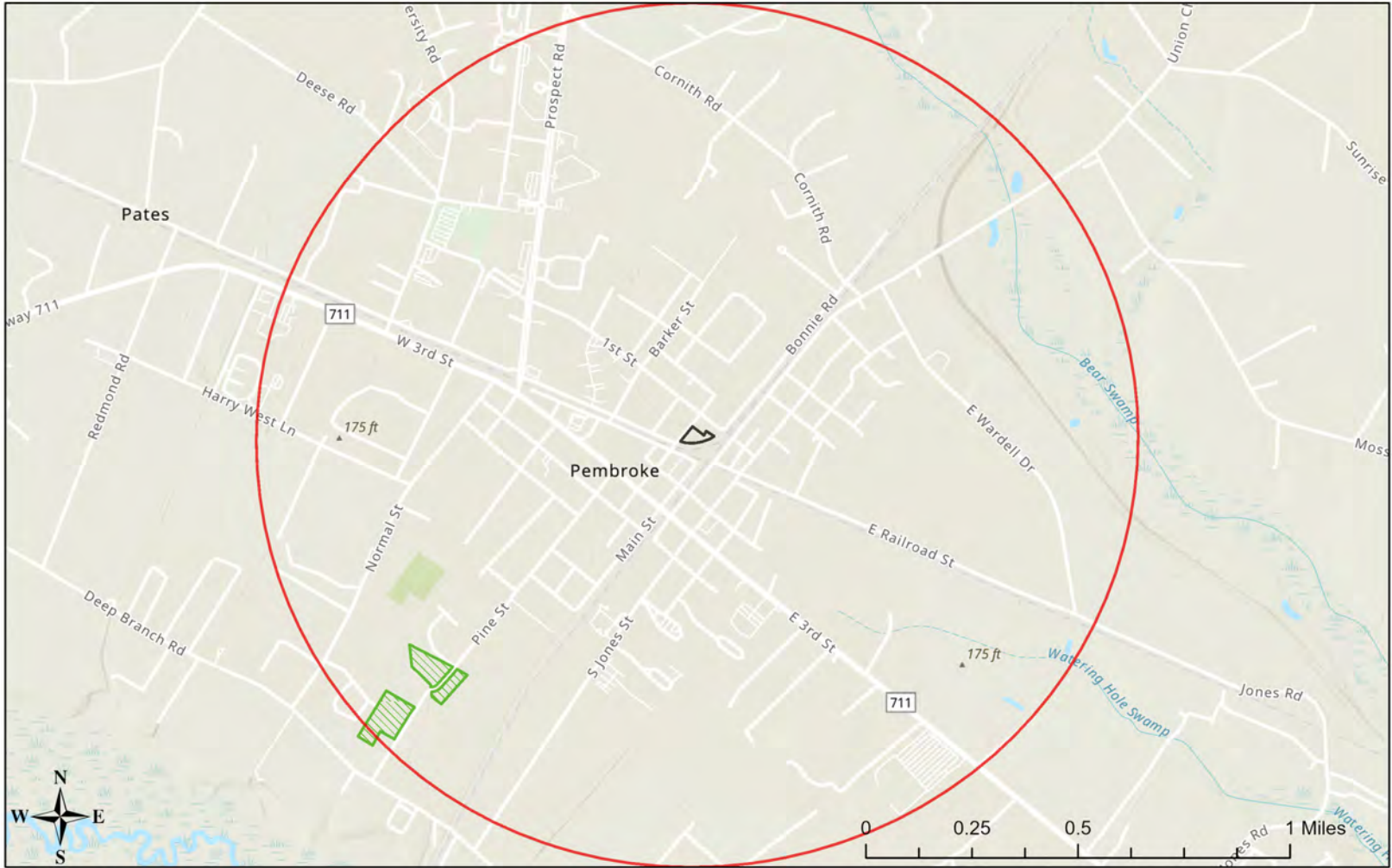
No Natural Areas are Documented Within a One-mile Radius of the Project Area

Managed Areas Documented Within a One-mile Radius of the Project Area

Managed Area Name	Owner	Owner Type
Robeson County Open Space	Robeson County	Local Government
Town of Pembroke Open Space	Town of Pembroke	Local Government

Definitions and an explanation of status designations and codes can be found at <https://ncnhde.natureserve.org/help>. Data query generated on July 17, 2026; source: NCNHP, Spring (April) 2026. Please resubmit your information request if more than one year elapses before project initiation as new information is continually added to the NCNHP database.

NCNHDE-36019: Pembroke Park

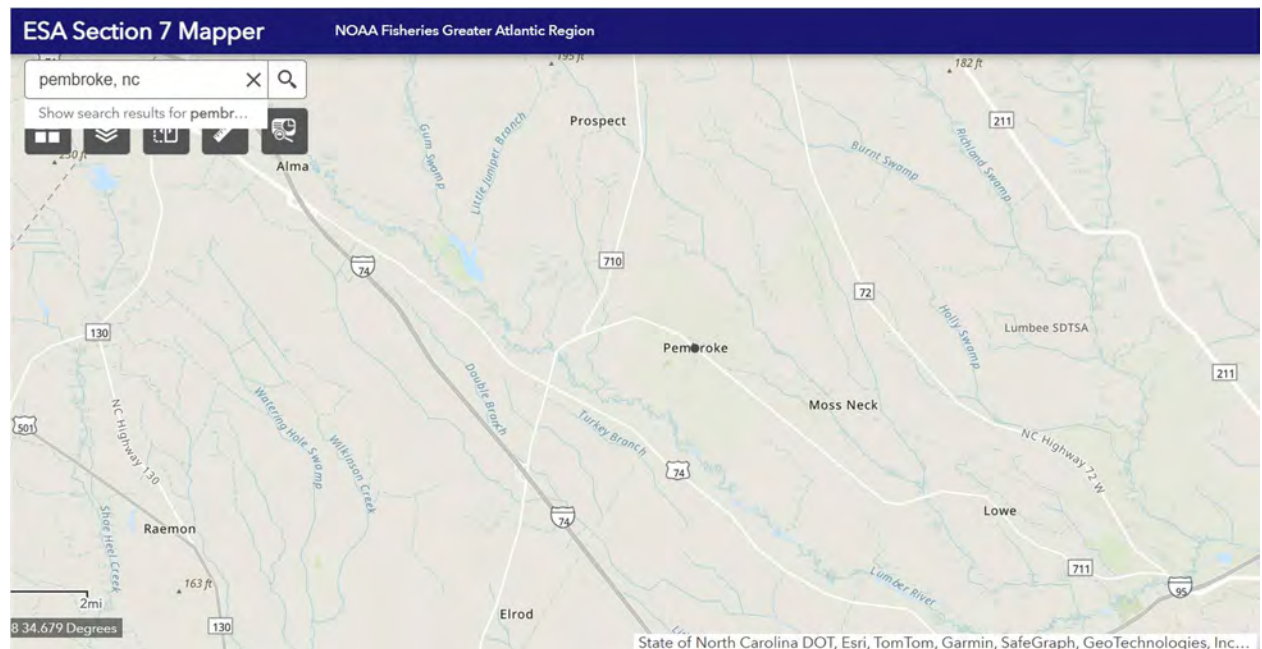
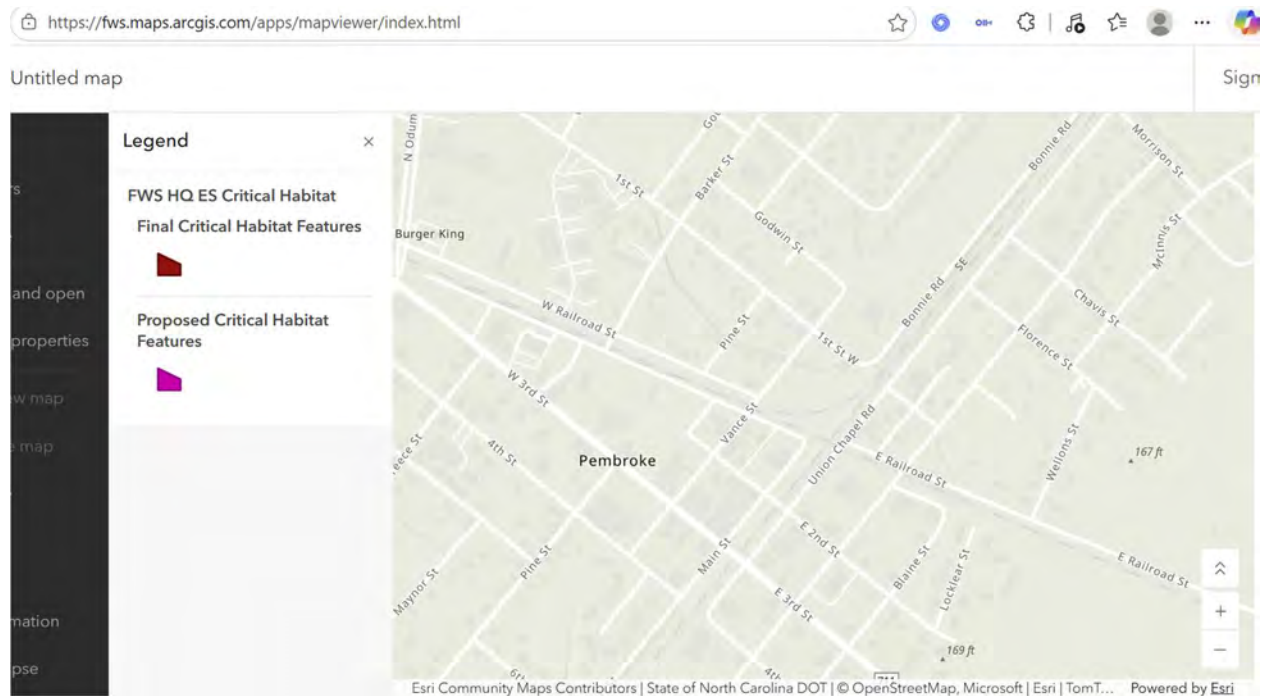


July 17, 2026

-  Managed Area (MAREA)
-  Buffered Project Boundary
-  Project Boundary

Esri, NASA, NGA, USGS, FEMA
State of North Carolina DOT, Esri, TomTom, Garmin, SafeGraph,
GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau,
USDA, USFWS

Pembroke Park - USFWS and NMFS Critical Habitat Maps



Species Conclusions Table

Project Name: Pembroke Park

Date: 7/20/26

Species / Resource Name	Conclusion	ESA Section 7 / Eagle Act Determination	Notes / Documentation
Red-cockaded Woodpecker	No suitable habitat present in action area	No Effect	No mature pine tree stands present in project area.
American Alligator	No suitable habitat present in action area	No Effect	No suitable marshes, wetlands, lakes or ponds present.
Monarch Butterfly	No suitable habitat present in action area	No Effect	Regularly mowed lawns and no milkweed observed.
Southern hognose snake	No suitable habitat present in action area	No Effect	Regularly mowed lawns and no species observed.
Michaux's sumac	No suitable habitat present in action area	No Effect	Regularly mowed lawns and no species observed.
Bald Eagle	Unlikely to disturb nesting bald eagles	No Eagle Act Permit Required	No nests observed nearby.
		Project proposes native plants & longleaf pines to be planted	

Acknowledgement: I agree that the above information about my proposed project is true. I used all of the provided resources to make an informed decision about impacts in the immediate and surrounding areas.



Signature /Title

7/20/26

Date

ATTACHMENT 1A:

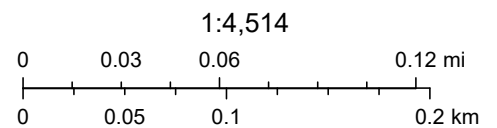
Site Visit Photographs

Pembroke Park - Aerial Map



July 15, 2026

 Pembroke Park



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, NC CGIA, Vantor

PEMBROKE PARK PROJECT



36. Pembroke - Project Site Area, Facing North



PEMBROKE PARK PROJECT



30 - Pembroke - Project Site, facing North



25. Pembroke - Ornamental Bradford Pears, facing West

PEMBROKE PARK PROJECT



PEMBROKE PARK PROJECT



32. Pembroke - Project Site Area, Facing West-Southwest



33. Pembroke - Project Site Area, Facing West

ATTACHMENT 9:

Explosive and Flammable Hazards

Signed HUD Thermal and Explosive Hazards
Worksheet, Aerial Map with 1-mile Radius, ASTs
Table and Data, HUD ASD Assessment Tool Results,
and Town and County Fire Marshal Correspondence
on Planned and Existing ASTs



Thermal and Explosive Hazards

Project Name	Investigator(s)	Site Visit Date
Pembroke Park	Andrea Gievers & Jan Maynor	9/1/26

Part I –Above Ground Storage Tanks – Site Review

Are any above ground storage tanks visible from the site?

☐

Yes

☒

No

If yes, are these tanks 100-gallons or larger?

☐

Yes

☐

No

List visible tanks						
Tank Identifier	Tank Distance (ft)	Tank Size/Contents	Flammable? (Yes or No)	Pressurized? (Yes or No)	ASD ¹ (ft) Thermal Radiation	ASD (ft) Blast Pressure

¹ASD = Acceptable Separation Distance as defined in "Siting of HUD-Assisted Projects Near Hazardous Facilities"

Is the project site within the ASD of any above ground storage tank visible from the site?

☐

Yes

☒

No

If yes, list the proposed mitigation strategies or reject the site?

Mitigation (attach additional documentation)

Part II –Above Ground Storage Tanks – Agency Consultation

Has consultation with the Local Planning, Building, Public Safety or Fire Department indicated the presence of existing or planned thermal/explosive hazards that may affect the site (Attach record of consultation)?

☐

Yes

☒

No

If yes, list the proposed mitigation strategies or reject the site?

See attached Table.



Mitigation (attach additional documentation)

Part III – Above Ground Storage Tanks – Record Review

Are above ground storage tanks, which are visible on aerial photographs and USGS topographic maps, located within 1-mile of the site (Attach copies of documents reviewed)?



Yes



No

If yes, are these tanks 100-gallons or larger?



Yes



No

List Visible Tanks						
Tank Identifier	Tank Distance (ft)	Tank Size/Contents	Flammable? (Yes or No)	Pressurized? (Yes or No)	ASD ¹ (ft) Thermal Radiation	ASD (ft) Blast Pressure
		See Table.				

¹ASD = Acceptable Separation Distance as defined in "Siting of HUD-Assisted Projects Near Hazardous Facilities"

Is the project site within the ASD of any above ground storage tank?



Yes



No

If yes are there acceptable barriers (natural or manmade) between the site and the tank?



Yes



No

Identify Acceptable Barriers ²

²Acceptable barriers must meet the conditions of 24 CFR § 51.205

If no, list the proposed mitigation strategies or reject the site?

Mitigation (attach additional documentation)	
Additional Comments or Recommendations	

Amelia Diener
Lead Investigator's Signature

9/2/26
Date

Pembroke Park

1-mile Radius Search

Legend

 Pembroke Park Project

Pembroke

Google Earth

Image © 2026 Airbus

1 mi



Aboveground Storage Tanks – Record Review Table

Tank ID Location	Distance (feet)	Tank Size	Tank Contents	Flammable? (Yes or No)	Pressurized? (Yes or No)	ASD1 (ft) Thermal Radiation for Buildings	ASD1 (ft) Thermal Radiation for People	ASD (ft) Blast Pressure
Town WWTP #5, 418 South Jones Street	3,917	500-gallon	Propane	yes	yes	174.17	207.20	36.50
Town WWTP #5, 418 South Jones Street	3,917	500-gallon	Propane	yes	yes	174.17	207.20	36.50
Sun-Do, 110 East Third Street	1,218	500-gallon	Kerosene	yes	no	N/A	207.20	36.50
Town of Pembroke Public Works, 329 E. Railroad St	2,746	500-gallon	Diesel	yes	no	N/A	207.20	36.50
Town of Pembroke Public Works, 329 E. Railroad St	2,746	500-gallon	Diesel	yes	no	N/A	207.20	36.50
Sun-Do/ C&P Mini Mart #3, 700 Union Chapel Road	3,387	1,000-gallon	Kerosene	yes	no	N/A	276.57	50.28
Vertical Church Campus Ministry Center, 450 Prospect Rd	3,150	500-gallon	Propane	yes	yes	174.17	207.20	36.50
Water Tower near 515 Normal Street	2,994	500-gallon	Propane	yes	yes	174.17	207.20	36.50
Dessert Holdings/ Steven Roberts Original Desserts, 701 South Jones St	3,096	2,000-gallon	Anhydrous Ammonia	N/A	N/A	N/A	N/A	N/A
Collins & Sampson DDS, 312 E. Wardell Drive	3,011	500-gallon	Propane	yes	yes	174.17	207.20	36.50
Main Street Smoke Shop, 404 W 3rd St	1,121	500-gallon	Propane	yes	yes	174.17	207.20	36.50
Benevolent Worship Center, 408 W 3rd S	1,275	500-gallon	Propane	yes	yes	174.17	207.20	36.50

Residence, 162 Deese Rd	4,607	500-gallon	Propane	yes	yes	174.17	207.20	36.50
Sun-Do Moes Mini Mart, 963 Prospect Rd	5,054	1,000-gallon	Propane	yes	yes	219.03	276.57	50.28
Sun-Do Moes Mini Mart, 963 Prospect Rd	5,054	1,000-gallon	Propane	yes	yes	219.03	276.57	50.28
Sun-Do Moes Mini Mart, 963 Prospect Rd	5,054	500-gallon	Kerosene	yes	no	N/A	207.20	36.50
Food Lion, 913 W 3rd St	5,140	1,000-gallon	Propane	yes	yes	219.03	276.57	50.28

AST 1-mile Radius Search – Pembroke Park

Town WWTP #5, 418 South Jones Street, Pembroke, NC 28372



Sun-Do, 110 East Third Street, Pembroke, NC 28372



AST 1-mile Radius Search – Pembroke Park

Champion Homes Manufacturing Facility, 349 East Railroad Street, Pembroke, NC 28372



Water Tower across from **Champion Homes** on E. Railroad Street, Pembroke, NC (34°40'34.3"N 79°10'57.8"W)



Town of Pembroke Public Works, 329 E. Railroad St, Pembroke, NC (2 yellow tanks?)



AST 1-mile Radius Search – Pembroke Park

Sun-Do/ C&P Mini Mart #3, 700 Union Chapel Road, Pembroke, NC 28372

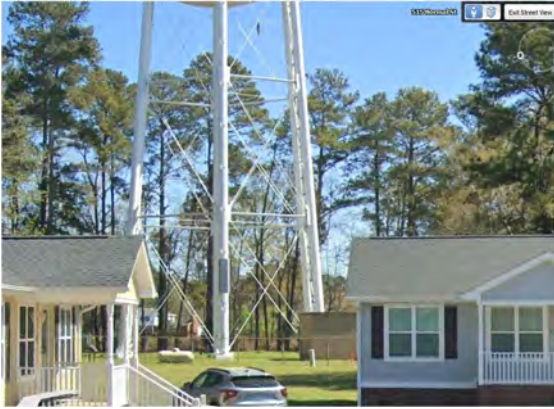


Vertical Church Campus Ministry Center, 450 Prospect Rd, Pembroke, NC 28372 (N. Odum St.)



AST 1-mile Radius Search – Pembroke Park

Water Tower near 515 Normal Street, Pembroke, NC 28372



Dessert Holdings/ Steven Roberts Original Desserts, 701 South Jones Street, Pembroke, NC 28372



Collins & Sampson DDS, 312 E. Wardell Drive, Pembroke, NC 28372



AST 1-mile Radius Search – Pembroke Park

Water Tower by Pembroke Drug, 205 W 3rd St, Pembroke, NC 28372



Main Street Smoke Shop, 404 W 3rd St, Pembroke, NC 28372 (view from 303 College St.)



Benevolent Worship Center, 408 W 3rd St, Pembroke, NC 28372 (view from 303 College St.)

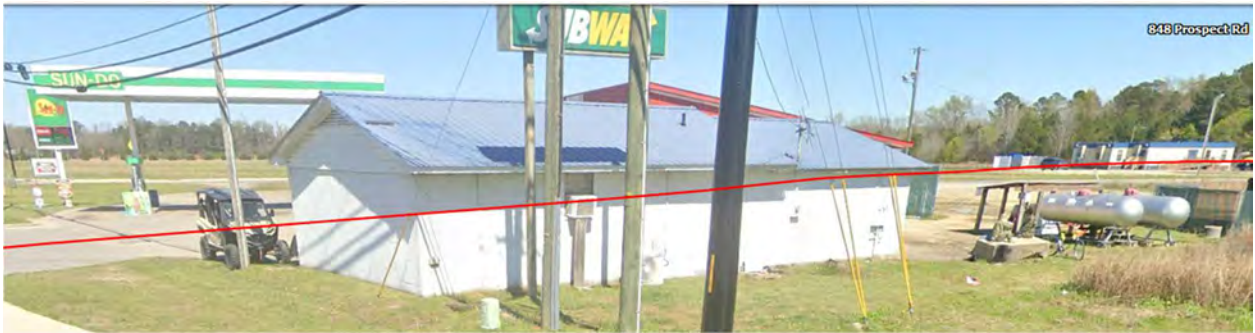


AST 1-mile Radius Search – Pembroke Park

162 Deese Rd, Pembroke, NC 28372



Sun-Do Moes Mini Mart, 963 Prospect Rd, Pembroke, NC 28372 (edge of 1 mile)



Town of Pembroke WWTP Lift station, 694 Prospect Rd, Pembroke, NC (34°41'36.2"N 79°11'52.7"W)



AST 1-mile Radius Search – Pembroke Park

Food Lion, 913 G W 3rd St, Pembroke, NC 28372 (edge of 1 mile)



Water Tower by UNC Cypress Hall building on Braves Drive, potential ASTs not visible from street view (edge of 1 mile)



[Home \(/\)](#) > [Programs \(/programs/\)](#) > [Environmental Review \(/programs/environmental-review/\)](#) > [ASD Calculator](#)

Acceptable Separation Distance (ASD) Electronic Assessment Tool

The Environmental Planning Division (EPD) has developed an electronic-based assessment tool that calculates the Acceptable Separation Distance (ASD) from stationary hazards. The ASD is the distance from above ground stationary containerized hazards of an explosive or fire prone nature, to where a HUD assisted project can be located. The ASD is consistent with the Department's standards of blast overpressure (0.5 psi-buildings) and thermal radiation (450 BTU/ft² - hr - people and 10,000 BTU/ft² - hr - buildings). Calculation of the ASD is the first step to assess site suitability for proposed HUD-assisted projects near stationary hazards. Additional guidance on ASDs is available in the Department's guidebook "Siting of HUD- Assisted Projects Near Hazardous Facilities" and the regulation 24 CFR Part 51, Subpart C, Siting of HUD-Assisted Projects Near Hazardous Operations Handling Conventional Fuels or Chemicals of an Explosive or Flammable Nature.

Note: Tool tips, containing field specific information, have been added in this tool and may be accessed by hovering over the ASD result fields with the mouse.

Acceptable Separation Distance Assessment Tool

Is the container above ground?	Yes: ☒ No: ☐
Is the container under pressure?	Yes: ☒ No: ☐
Does the container hold a cryogenic liquified gas?	Yes: ☐ No: ☒
Is the container diked?	Yes: ☐ No: ☐
What is the volume (gal) of the container?	500
What is the Diked Area Length (ft)?	
What is the Diked Area Width (ft)?	
Calculate Acceptable Separation Distance	
Diked Area (sqft)	
ASD for Blast Over Pressure (ASDBOP)	174.17
ASD for Thermal Radiation for People (ASDPPU)	207.20
ASD for Thermal Radiation for Buildings (ASDBPU)	36.50
ASD for Thermal Radiation for People (ASDPNPD)	

ASD for Thermal Radiation for People (ASDBNP)

ASD for Thermal Radiation for Buildings (ASDBNPD)

For mitigation options, please click on the following link: [Mitigation Options \(/resource/3846/acceptable-separation-distance-asd-hazard-mitigation-options/\)](/resource/3846/acceptable-separation-distance-asd-hazard-mitigation-options/)

Providing Feedback & Corrections

After using the ASD Assessment Tool following the directions in this User Guide, users are encouraged to provide feedback on how the ASD Assessment Tool may be improved. Users are also encouraged to send comments or corrections for the improvement of the tool.

Please send comments or other input using the **Contact Us** (<https://www.hudexchange.info/contact-us/>) form.

Related Information

- [ASD User Guide \(/resource/3839/acceptable-separation-distance-asd-assessment-tool-user-guide/\)](/resource/3839/acceptable-separation-distance-asd-assessment-tool-user-guide/)
- [ASD Flow Chart \(/resource/3840/acceptable-separation-distance-asd-flowchart/\)](/resource/3840/acceptable-separation-distance-asd-flowchart/)

[Home \(/\)](#) > [Programs \(/programs/\)](#) > [Environmental Review \(/programs/environmental-review/\)](#) > ASD Calculator

Acceptable Separation Distance (ASD) Electronic Assessment Tool

The Environmental Planning Division (EPD) has developed an electronic-based assessment tool that calculates the Acceptable Separation Distance (ASD) from stationary hazards. The ASD is the distance from above ground stationary containerized hazards of an explosive or fire prone nature, to where a HUD assisted project can be located. The ASD is consistent with the Department's standards of blast overpressure (0.5 psi-buildings) and thermal radiation (450 BTU/ft² - hr - people and 10,000 BTU/ft² - hr - buildings). Calculation of the ASD is the first step to assess site suitability for proposed HUD-assisted projects near stationary hazards. Additional guidance on ASDs is available in the Department's guidebook "Siting of HUD- Assisted Projects Near Hazardous Facilities" and the regulation 24 CFR Part 51, Subpart C, Siting of HUD-Assisted Projects Near Hazardous Operations Handling Conventional Fuels or Chemicals of an Explosive or Flammable Nature.

Note: Tool tips, containing field specific information, have been added in this tool and may be accessed by hovering over the ASD result fields with the mouse.

Acceptable Separation Distance Assessment Tool

Is the container above ground?	Yes: ☒ No: ☐
Is the container under pressure?	Yes: ☐ No: ☒
Does the container hold a cryogenic liquified gas?	Yes: ☐ No: ☐
Is the container diked?	Yes: ☐ No: ☒
What is the volume (gal) of the container?	1000
What is the Diked Area Length (ft)?	
What is the Diked Area Width (ft)?	
Calculate Acceptable Separation Distance	
Diked Area (sqft)	
ASD for Blast Over Pressure (ASDROP)	

ASD for Blast Over Pressure (ASDBOP)	
ASD for Thermal Radiation for People (ASDPPU)	276.57
ASD for Thermal Radiation for Buildings (ASDBPU)	50.28
ASD for Thermal Radiation for People (ASDPNPD)	
ASD for Thermal Radiation for Buildings (ASDBNPD)	

For mitigation options, please click on the following link: Mitigation Options
(/resource/3846/acceptable-separation-distance-asd-hazard-mitigation-options/)

Providing Feedback & Corrections

After using the ASD Assessment Tool following the directions in this User Guide, users are encouraged to provide feedback on how the ASD Assessment Tool may be improved. Users are also encouraged to send comments or corrections for the improvement of the tool.

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Related Information

- ASD User Guide (/resource/3839/acceptable-separation-distance-asd-assessment-tool-user-guide/)
- ASD Flow Chart (/resource/3840/acceptable-separation-distance-asd-flowchart/)

[Home \(/\)](#) > [Programs \(/programs/\)](#) > [Environmental Review \(/programs/environmental-review/\)](#) > ASD Calculator

Acceptable Separation Distance (ASD) Electronic Assessment Tool

The Environmental Planning Division (EPD) has developed an electronic-based assessment tool that calculates the Acceptable Separation Distance (ASD) from stationary hazards. The ASD is the distance from above ground stationary containerized hazards of an explosive or fire prone nature, to where a HUD assisted project can be located. The ASD is consistent with the Department's standards of blast overpressure (0.5 psi-buildings) and thermal radiation (450 BTU/ft² - hr - people and 10,000 BTU/ft² - hr - buildings). Calculation of the ASD is the first step to assess site suitability for proposed HUD-assisted projects near stationary hazards. Additional guidance on ASDs is available in the Department's guidebook "Siting of HUD- Assisted Projects Near Hazardous Facilities" and the regulation 24 CFR Part 51, Subpart C, Siting of HUD-Assisted Projects Near Hazardous Operations Handling Conventional Fuels or Chemicals of an Explosive or Flammable Nature.

Note: Tool tips, containing field specific information, have been added in this tool and may be accessed by hovering over the ASD result fields with the mouse.

Acceptable Separation Distance Assessment Tool

Is the container above ground?	Yes: ☒ No: ☐
Is the container under pressure?	Yes: ☐ No: ☒
Does the container hold a cryogenic liquified gas?	Yes: ☐ No: ☐
Is the container diked?	Yes: ☐ No: ☒
What is the volume (gal) of the container?	500
What is the Diked Area Length (ft)?	
What is the Diked Area Width (ft)?	
Calculate Acceptable Separation Distance	
Diked Area (sqft)	
ASD for Blast Over Pressure (ASDROP)	

ASD for Blast Over Pressure (ASDBOP)	
ASD for Thermal Radiation for People (ASDPPU)	207.20
ASD for Thermal Radiation for Buildings (ASDBPU)	36.50
ASD for Thermal Radiation for People (ASDPNPD)	
ASD for Thermal Radiation for Buildings (ASDBNPD)	

For mitigation options, please click on the following link: Mitigation Options
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After using the ASD Assessment Tool following the directions in this User Guide, users are encouraged to provide feedback on how the ASD Assessment Tool may be improved. Users are also encouraged to send comments or corrections for the improvement of the tool.

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Note: Tool tips, containing field specific information, have been added in this tool and may be accessed by hovering over the ASD result fields with the mouse.

Acceptable Separation Distance Assessment Tool

Is the container above ground?	Yes: ☒ No: ☐
Is the container under pressure?	Yes: ☒ No: ☐
Does the container hold a cryogenic liquified gas?	Yes: ☐ No: ☒
Is the container diked?	Yes: ☐ No: ☐
What is the volume (gal) of the container?	1000
What is the Diked Area Length (ft)?	
What is the Diked Area Width (ft)?	
Calculate Acceptable Separation Distance	
Diked Area (sqft)	
ASD for Blast Over Pressure (ASDBOP)	219.03
ASD for Thermal Radiation for People (ASDPPU)	276.57
ASD for Thermal Radiation for Buildings (ASDBPU)	50.28
ASD for Thermal Radiation for People (ASDPNPD)	

ASD for Thermal Radiation for People (ASDBNP)

ASD for Thermal Radiation for Buildings (ASDBNPD)

For mitigation options, please click on the following link: [Mitigation Options \(/resource/3846/acceptable-separation-distance-asd-hazard-mitigation-options/\)](/resource/3846/acceptable-separation-distance-asd-hazard-mitigation-options/)

Providing Feedback & Corrections

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- [ASD Flow Chart \(/resource/3840/acceptable-separation-distance-asd-flowchart/\)](/resource/3840/acceptable-separation-distance-asd-flowchart/)

Gievers, Andrea

From: Dwight Sheppard <sheppardl@gmail.com>
Sent: Thursday, August 27, 2026 7:39 PM
To: Gievers, Andrea
Subject: Re: [External] Re: AST Information Requested - Pembroke Park Project

Follow Up Flag: Follow up
Flag Status: Flagged

CAUTION: External email. Do not click links or open attachments unless verified. Report suspicious emails with the Report Message button located on your Outlook menu bar on the Home tab.

1. **Town WWTP #5**, 418 South Jones Street, Pembroke, NC 28372 (2 one ton propane cylinders)
2. **Sun-Do**, 110 East Third Street, Pembroke, NC 28372 (500 gallon AST Kerosene)
3. **Champion Homes** Manufacturing Facility, 349 East Railroad Street, Pembroke, NC 28372 (None)
4. **Water Tower across from Champion Homes** on E. Railroad Street, Pembroke, NC (34°40'34.3"N 79°10'57.8"W) (None)
5. **Town of Pembroke Public Works**, 329 E. Railroad St, Pembroke, NC (2 yellow tanks?) Two 500 gallon diesel tanks is.
6. **Sun-Do/ C&P Mini Mart #3**, 700 Union Chapel Road, Pembroke, NC 28372 (1,000 gallon kerosene)
7. **Vertical Church Campus Ministry Center**, 450 Prospect Rd, Pembroke, NC 28372 (None)
8. **Water Tower near 515 Normal Street**, Pembroke, NC 28372
9. **Dessert Holdings/ Steven Roberts Original Desserts**, 701 South Jones Street, Pembroke, NC 28372 (500 gallon diesel inside fire pump building)(2,000 gallon anhydrous ammonia tank)
10. **Collins & Sampson DDS**, 312 E. Wardell Drive, Pembroke, NC 28372 (None)
11. **Water Tower by Pembroke Drug**, 205 W 3rd St, Pembroke, NC 28372 (None)
12. **Benevolent Worship Center**, 408 W 3rd St, Pembroke, NC 28372. (Propane tank)
13. **Residence**, 162 Deese Rd, Pembroke, NC 28372 (None)
14. **Sun-Do Moes Mini Mart**, 963 Prospect Rd, Pembroke, NC 28372 (500 gallon kerosene)
15. **Town of Pembroke WWTP Lift station**, 694 Prospect Rd, Pembroke, NC (34°41'36.2"N 79°11'52.7"W) (None)
16. **Food Lion**, 913 G W 3rd St, Pembroke, NC 28372 (Propane)
17. **Water Tower by UNC Cypress Hall** building on Braves Drive, potential ASTs not visible from street view (None present that I could see.)

Regards
Dwight Sheppard
Sent from my iPad

On Aug 27, 2026, at 9:22 AM, Gievers, Andrea <andrea.l.gievers@rebuild.nc.gov> wrote:

Hello:

HUD requires me to calculate the Thermal Radiation for People and Buildings and Blast Over Pressure distances. I have to fill out the *form below* on each AST that contains hazardous substances *listed below* that present a thermal, explosive blast potential. I only evaluate ASTs that are stationary, outside, aboveground containing those fuels and only LPG if larger than 1,000 gallons and gas or kerosene/crude/fuel oil larger than 100 gallons. Thanks, let me know if you have any questions.

The list of specific petroleum products and chemicals defined to be hazardous substances under [§ 51.201](#).

Hazardous Liquids

1. Acetic Acid
2. Acetic Anhydride
3. Acetone
4. Acrylonitrile
5. Amyl Acetate
6. Amyl Alcohol
7. Benzene
8. Butyl Acetate
9. Butyl Acrylate
10. Butyl Alcohol
11. Carbon Bisulfide
12. Carbon Disulfide
13. Cellosolve
14. Cresols
15. Crude Oil (Petroleum)
16. Cumene
17. Cyclohexane
18. No. 2 Diesel Fuel
19. Ethyl Acetate
20. Ethyl Acrylate
21. Ethyl Alcohol
22. Ethyl Benzene
23. Ethyl Dichloride
24. Ethyl Ether
25. Gasoline
26. Heptane
27. Hexane
28. Isobutyl Acetate

29. Isobutyl Alcohol
30. Isopropyl Acetate
31. Isopropyl Alcohol
32. Jet Fuel and Kerosene
33. Methyl Alcohol
34. Methyl Amyl Alcohol
35. Methyl Cellosolve
36. Methyl Ethyl Ketone
37. Naptha
38. Pentane
39. Propylene Oxide
40. Toluene
41. Vinyl Acetate
42. Xylene

Hazardous Gases

1. Acetaldehyde
2. Butadiene
3. Butane
4. Ethene
5. Ethylene
6. Ethylene Oxide
7. Hydrogen
8. Liquefied Natural Gas (LNG)
9. Liquefied Petroleum Gas (LPG)
10. Propane
11. Propylene
12. Vinyl Chloride

(Primary Source: "Urban Development Siting with respect to Hazardous Commercial/Industrial Facilities," by Rolf Jensen and Associates, Inc., April 1982)
[[49 FR 5105](#), Feb. 10, 1984; [49 FR 12214](#), Mar. 29, 1984]

Sincerely,

Andrea Gievers

From: Dwight Sheppard <sheppardl@gmail.com>

Sent: Wednesday, August 26, 2026 9:19 AM

To: Gievers, Andrea <andrea.l.gievers@rebuild.nc.gov>

Subject: Re: [External] Re: AST Information Requested - Pembroke Park Project

CAUTION: External email. Do not click links or open attachments unless verified. Report suspicious emails with the Report Message button located on your Outlook menu bar on the Home tab.

Andrea,

Are you including chlorine cylinders in this assessment? Also, storage tanks inside of buildings and temporary oil storage and home fuel oil?

Regards

Dwight Sheppard
Sent from my iPad

On Aug 26, 2026, at 9:34 AM, Gievers, Andrea
<andrea.l.gievers@rebuild.nc.gov> wrote:

Hi Dwight:

I have attached AST 1-mile radius search results. Some of these might hold *non-flammable liquids* (food, water, waste) or meet the below *exemptions* or be *out of service*. If you have any info that would be appreciated. Thanks!

Containers that are **NOT** included are:

1. Containers 100 gallons or less in capacity, containing common liquid industrial fuels OR
2. Containers of liquified petroleum gas (LPG) or propane with a water volume capacity of 1,000 gallons or less that meet the requirements of the 2017 version of National Fire Protection Association (NFPA) Code 58.

Results List:

1. **Town WWTP #5**, 418 South Jones Street, Pembroke, NC 28372
2. **Sun-Do**, 110 East Third Street, Pembroke, NC 28372
3. **Champion Homes** Manufacturing Facility, 349 East Railroad Street, Pembroke, NC 28372
4. **Water Tower across from Champion Homes** on E. Railroad Street, Pembroke, NC (34°40'34.3"N 79°10'57.8"W)
5. **Town of Pembroke Public Works**, 329 E. Railroad St, Pembroke, NC (2 yellow tanks?)
6. **Sun-Do/ C&P Mini Mart #3**, 700 Union Chapel Road, Pembroke, NC 28372
7. **Vertical Church Campus Ministry Center**, 450 Prospect Rd, Pembroke, NC 28372
8. **Water Tower near 515 Normal Street**, Pembroke, NC 28372
9. **Dessert Holdings/ Steven Roberts Original Desserts**, 701 South Jones Street, Pembroke, NC 28372
10. **Collins & Sampson DDS**, 312 E. Wardell Drive, Pembroke, NC 28372
11. **Water Tower by Pembroke Drug**, 205 W 3rd St, Pembroke, NC 28372
12. **Benevolent Worship Center**, 408 W 3rd St, Pembroke, NC 28372
13. **Residence**, 162 Deese Rd, Pembroke, NC 28372
14. **Sun-Do Moes Mini Mart**, 963 Prospect Rd, Pembroke, NC 28372
15. **Town of Pembroke WWTP Lift station**, 694 Prospect Rd, Pembroke, NC (34°41'36.2"N 79°11'52.7"W)
16. **Food Lion**, 913 G W 3rd St, Pembroke, NC 28372
17. **Water Tower by UNC Cypress Hall** building on Braves Drive, potential ASTs not visible from street view

Sincerely,

Andrea Gievers

From: Dwight Sheppard <sheppardl@gmail.com>

Sent: Tuesday, August 25, 2026 6:05 PM

To: Gievers, Andrea <andrea.l.gievers@rebuild.nc.gov>

Subject: [External] Re: AST Information Requested - Pembroke Park Project

CAUTION: External email. Do not click links or open attachments unless verified. Report suspicious emails with the Report Message button located on your Outlook menu bar on the Home tab.

Andrea,

I have checked the area in question and I do not see any ASTs in that area.

Regards

Dwight Sheppard

Sent from my iPad

On Aug 20, 2026, at 1:21 PM, Gievers, Andrea
<andrea.l.gievers@rebuild.nc.gov> wrote:

Hello Dwight:

I am completing the NEPA HUD Part 58 EA for the proposed public infrastructure project, **Pembroke Park**, located along Vance Street near First Street West, Pembroke, Robeson County, NC 28372. HUD requires that we ask if there are any **Planned or Existing Aboveground Storage Tanks (ASTs) within 1-mile of the site** (see below). I have attached a 1-mile radius map from Google Earth. **Please let me know if there is anyone else I should reach out to for this information.**

Within 1 mile of the project site, are there any **current or planned stationary ASTs** that are covered by 24 CFR 51C? Containers that are **NOT** included are:

1. Containers 100 gallons or less in capacity, containing common liquid industrial fuels OR
2. Containers of liquified petroleum gas (LPG) or propane with a water volume capacity of 1,000 gallons or less that meet the requirements of the 2017 version of National Fire Protection Association (NFPA) Code 58.

The North Carolina Office of Recovery and Resiliency (NCORR, a Division of NC Department of Public Safety), as a recipient of Community Development Block Grant – Mitigation (CDBG-MIT) funds from the United States Department of Housing and Urban Development (HUD), is serving as the responsible entity for compliance with the HUD environmental review procedures set forth in 24 CFR Part 58. Additionally, NCORR is

administering NC Department of Environmental Quality (DEQ), Mitigation Services Division funding awarded for this project.

The proposed project involves new construction of a Town-owned park featuring a bronze turtle sculpture surrounded by garden beds and paths shaped as a giant turtle, playground structures on a safe permeable surface, over 0.16 mile of natural grit partially permeable walking trails and a 0.11-mile loop, pollinator garden, native and medicinal plant gardens, rain garden with retaining wall, interpretive signage, information kiosk, education area with seat walls, bench swing, mowed lawn areas, picnic tables, seating, rail fence, trees, and upgrades, a sidewalk and paved parallel parking along Vance Street. ***The proposed project is in preliminary design stage and still pending Town approval and agency review.***

If you have any questions or require additional information regarding this project review request, please feel free to contact Andrea Gievers at (845) 682-1700 or via email at Andrea.L.Gievers@Rebuild.NC.gov. Thank you for your time and assistance! This is my last NCORR project and I have enjoyed and appreciated working with you!

Sincerely,

Andrea Gievers

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.

<Pembroke Park - 1 mile radius Map.pdf>

<Pembroke Park - Project Location Maps and Site Plans.pdf>

<AST 1-mile Radius Search – Pembroke Park.pdf>

Gievers, Andrea

From: Justin Hunt <justin.hunt@robesoncountync.gov>
Sent: Thursday, August 20, 2026 1:05 PM
To: Gievers, Andrea
Subject: [External] Re: AST Information Requested - Pembroke Park Project

CAUTION: External email. Do not click links or open attachments unless verified. Report suspicious emails with the Report Message button located on your Outlook menu bar on the Home tab.

I don't see nothing in our records or in files that states there is anything in the area on the 1 mile.



Justin Hunt | Director AAS
Robeson County
Emergency Management/Fire Marshal Office
38 Legend Rd, Lumberton, NC 28358
Office 910-671-3150
justin.hunt@robesoncountync.gov
| www.robesoncountync.gov

From: Gievers, Andrea <andrea.l.gievers@rebuild.nc.gov>
Sent: Thursday, August 20, 2026 1:29 PM
To: Justin Hunt <justin.hunt@robesoncountync.gov>
Subject: FW: AST Information Requested - Pembroke Park Project

Mimecast Attachment Protection has deemed this file to be safe, but always exercise caution when opening files.

WARNING: This email originated outside of Robeson County. Do not click links, open attachments or reply, unless you recognize the sender's email address and know the content is safe!

Hello Justin:

Just checking in to see if you had a chance to review below. I expect to wrap up this review soon since NCORR is closing next month. Thanks!

Sincerely,

Andrea Gievers

From: Gievers, Andrea
Sent: Thursday, August 6, 2026 10:20 AM
To: Justin Hunt <justin.hunt@robesoncountync.gov>
Subject: AST Information Requested - Pembroke Park Project

Dear Justin Hunt:

I am completing the NEPA HUD Part 58 EA for the proposed public infrastructure project, **Pembroke Park**, located along Vance Street near First Street West, Pembroke, Robeson County, NC 28372. HUD requires that we ask if there are any **Planned or Existing Aboveground Storage Tanks (ASTs) within 1-mile of the site** (see below). I have attached a 1-mile radius map from Google Earth. **Please let me know if there is anyone else I should reach out to for this information.**

Within 1 mile of the project site, are there any **current or planned stationary ASTs** that are covered by 24 CFR 51C? Containers that are **NOT** included are:

- Containers 100 gallons or less in capacity, containing common liquid industrial fuels OR
- Containers of liquified petroleum gas (LPG) or propane with a water volume capacity of 1,000 gallons or less that meet the requirements of the 2017 version of National Fire Protection Association (NFPA) Code 58.

The North Carolina Office of Recovery and Resiliency (NCORR, a Division of NC Department of Public Safety), as a recipient of Community Development Block Grant – Mitigation (CDBG-MIT) funds from the United States Department of Housing and Urban Development (HUD), is serving as the responsible entity for compliance with the HUD environmental review procedures set forth in 24 CFR Part 58. Additionally, NCORR is administering NC Department of Environmental Quality (DEQ), Mitigation Services Division funding awarded for this project.

The proposed project involves new construction of a Town-owned park featuring a bronze turtle sculpture surrounded by garden beds and paths shaped as a giant turtle, playground structures on a safe permeable surface, over 0.16 mile of natural grit partially permeable walking trails and a 0.11-mile loop, pollinator garden, native and medicinal plant gardens, rain garden with retaining wall, interpretive signage, information kiosk, education area with seat walls, bench swing, mowed lawn areas, picnic tables, seating, rail fence, trees, and upgrades, a sidewalk and paved parallel parking along Vance Street. **The proposed project is in preliminary design stage and still pending Town approval and agency review.**

If you have any questions or require additional information regarding this project review request, please feel free to contact Andrea Gievers at (845) 682-1700 or via email at Andrea.L.Gievers@Rebuild.NC.gov. Thank you for your time and assistance! This is my last NCORR project and I have enjoyed and appreciated working with you!

Sincerely,

Andrea Gievers

From: Gievers, Andrea

Sent: Thursday, March 19, 2026 4:07 PM

To: justin.hunt@robesoncountync.gov

Subject: ASTs & Fire Protection Certification Requested - Kimberly Jones Village Project

Hello Mr. Hunt:

Please **complete and return** the attached **Fire Protection Certification** for the proposed **Kimberly Jones Village** project. The North Carolina Office of Recovery and Resiliency (NCORR, a Division of NC DPS) as a recipient of Community Development Block Grant – Mitigation (CDBG-MIT) funds from the United States Department of Housing and Urban Development (HUD) is considering funding this proposed public housing project. The Kimberly Jones Village (proposed project) involves new construction of a 72-unit multifamily, public housing complex with five residential apartment buildings, a community center, two covered picnic shelters, paved parking areas, landscaping, and associated infrastructure on West Caton Road (NC 72 West) in Lumberton, Robeson County, NC 28358. There will be updates to West Caton Road within the 90-foot proposed right-of-way, including construction of a left and right turn lane and median, which will provide safe access to the development.

The proposed development will provide public housing for low-income families and *replace the 72 units at nearby Hilton Heights and Myers Park* which were left uninhabitable from the effects of Hurricane Matthew in October 2016. The proposed project, formerly known as the **Hilton Heights/Myers Park Replacement** project, *has still not begun construction* since its original review almost 5 years ago and detailed site plans are now available. Thus, a *new Environmental Assessment* is being performed for this project. The proposed project will **develop approximately 8.08 acres** of the larger 30.84-acre parcel owned by the Housing Authority of the City of Lumberton (HACL) identified as Robeson County Parcel ID #16100100502 and PIN #938201446100 (*see attached*).

--

Also, HUD requires that we ask if there are any **planned or existing Aboveground Storage Tanks (ASTs)** within 1-mile of the site (see below). I have attached a 1-mile radius map and potential ASTs from a Google Earth search.

Within 1 mile of the project site, are there any *current or planned stationary ASTs* that are covered by 24 CFR 51C? Containers that are **NOT** included are:

- Containers 100 gallons or less in capacity, containing common liquid industrial fuels OR
- Containers of liquified petroleum gas (LPG) or propane with a water volume capacity of 1,000 gallons or less that meet the requirements of the 2017 version of National Fire Protection Association (NFPA) Code 58.

If you have any questions or require additional information regarding this request, please feel free to contact me at (845) 682-1700 or via email at Andrea.L.Gievers@Rebuild.NC.gov. Thank you for your time and assistance.

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

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Gievers, Andrea

From: Gievers, Andrea
Sent: Thursday, August 6, 2026 1:05 PM
To: 'Tyler Thomas'
Subject: AST Information Requested - Pembroke Park Project
Attachments: Pembroke Park - 1 mile radius Map.pdf; Pembroke Park - Project Location Maps and Site Plans.pdf

Hello:

Is there a Town Fire Marshal who I should forward this email to as well? I see Fire Marshal Dwight Sheppard online, but no email listed. Thanks for your help!

Sincerely,

Andrea Gievers

From: Gievers, Andrea
Sent: Thursday, August 6, 2026 10:20 AM
To: Justin Hunt <justin.hunt@robesoncountync.gov>
Subject: AST Information Requested - Pembroke Park Project

Dear Justin Hunt:

I am completing the NEPA HUD Part 58 EA for the proposed public infrastructure project, **Pembroke Park**, located along Vance Street near First Street West, Pembroke, Robeson County, NC 28372. HUD requires that we ask if there are any **Planned or Existing Aboveground Storage Tanks (ASTs) within 1-mile of the site** (see below). I have attached a 1-mile radius map from Google Earth. **Please let me know if there is anyone else I should reach out to for this information.**

Within 1 mile of the project site, are there any **current or planned stationary ASTs** that are covered by 24 CFR 51C? Containers that are **NOT** included are:

- Containers 100 gallons or less in capacity, containing common liquid industrial fuels OR
- Containers of liquified petroleum gas (LPG) or propane with a water volume capacity of 1,000 gallons or less that meet the requirements of the 2017 version of National Fire Protection Association (NFPA) Code 58.

The North Carolina Office of Recovery and Resiliency (NCORR, a Division of NC Department of Public Safety), as a recipient of Community Development Block Grant – Mitigation (CDBG-MIT) funds from the United States Department of Housing and Urban Development (HUD), is serving as the responsible entity for compliance with the HUD environmental review procedures set forth in 24 CFR Part 58. Additionally, NCORR is administering NC Department of Environmental Quality (DEQ), Mitigation Services Division funding awarded for this project.

The proposed project involves new construction of a Town-owned park featuring a bronze turtle sculpture surrounded by garden beds and paths shaped as a giant turtle, playground structures on a safe permeable surface, over 0.16 mile of natural grit partially permeable walking trails and a 0.11-mile loop, pollinator garden, native and medicinal plant gardens, rain garden with retaining wall, interpretive signage, information kiosk, education area with seat walls, bench swing, mowed lawn areas, picnic tables, seating, rail fence, trees, and upgrades, a sidewalk and paved parallel parking along Vance Street. **The proposed project is in preliminary design stage and still pending Town approval and agency review.**

If you have any questions or require additional information regarding this project review request, please feel free to contact Andrea Gievers at (845) 682-1700 or via email at Andrea.L.Gievers@Rebuild.NC.gov. Thank you for your time and assistance! This is my last NCORR project and I have enjoyed and appreciated working with you!

Sincerely,

Andrea Gievers

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

The following figures have been reduced from their original size

ATTACHMENT 1:

Proposed Project Location Maps and Site Plans

Pembroke Park - Aerial Map



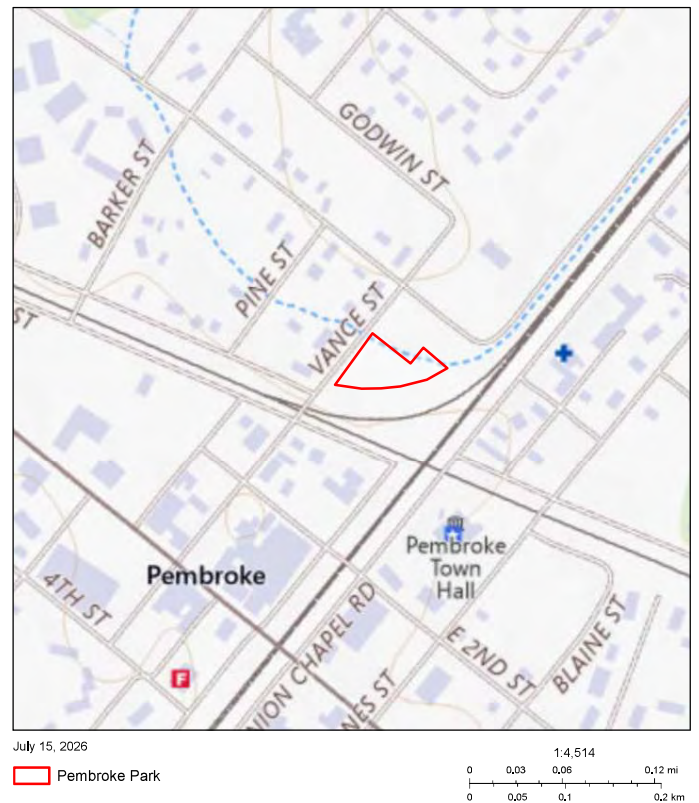
Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, NC CGIA, Vantor

Pembroke Park - Street Map



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community

Pembroke Park - Topographic Map



USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems, U.S. Census Bureau TIGERline data, USFS Road data, Natural Earth Data, U.S.

County of Robeson, NC



MAPNO 350402007
 PIN_NUMBER 934329322900
 PARCELTYPE Base Parcel
 CONFLICTNOTATION
 DEEDEDACRES 4
 OWNERTYPE null
 STATUS null
 OLDMAPNO 3504-02-007
 NUMMOD null
 LOT null
 NBHD_CODE 35011
 TAX_YEAR 2025
 PAR_CODE
 MAP 9343
 SUBMAP
 BLOCK 29
 PARCEL 3229
 SUBPARCEL 00
 PHYLOCAT 87664
 CITYCODE
 ROUTENUM 0
 OWNERID 47114014
 CUROWNID 47114014

RECTYPE null
 SALEAMT 0
 SALEINST
 DEEDSTMP 0

OWNAMI
 OWNAM2
 OWNAM3
 OWADR1
 OWADR2
 OWADR3
 OWADR4
 OWCITY
 OWSTATE
 OWZIP
 STNUM
 STSUFFIX
 STDIR
 STNAME
 STTYPE
 STDIRSUF
 UNITNO
 DEEDACRE 0.2
 MAPACRE 0.2
 DISTCODE 55
 TOWNCODE 35
 PARDESC3
 PARDESC1 E-70
 NBHCLASS
 NBHCODE 35011
 EXEMCODE E70
 DEEDBOOK
 DEEDPAGE
 DEEDYEAR 0
 PLATBOOK
 PLATPAGE
 DATESOLD 0
 LEGDESC1 LT 6 9 BLE MASSEY SD
 LEGDESC2
 LEGDESC3
 PARDESC4
 GROUPPAR 934329322900
 REQREVIEW
 PHYSTRADR
 SCHCODE 0
 AREACODE 1
 LNDASVCUR 9600
 IMPASVCUR 0
 QUALCODE

TOWN OF PEMBROKE

PO BOX 866

PEMBROKE

NC

28372

0

County of Robeson, NC



MAPNO 350402009
 PIN_NUMBER 934329135000
 PARCELTYPE Base Parcel
 CONFLICTNOTATION
 DEEDEDACRES 3
 OWNERTYPE null
 STATUS null
 OLDMAPNO 3504-02-009
 NUMMOD null
 LOT null
 NBHD_CODE 35011
 TAX_YEAR 2025
 PAR_CODE
 MAP 9343
 SUBMAP
 BLOCK 29
 PARCEL 1350
 SUBPARCEL 00
 PHYLOCAT 56469
 CITYCODE
 ROUTENUM 0
 OWNERID 47114013
 CUROWNID 47114013

RECTYPE	null
SALEAMT	0
SALEINST	
DEEDSTMP	0



Pembroke Park

1-mile Radius Search

Legend

 Pembroke Park Project

Pembroke

Google Earth

Image © 2026 Airbus

1 mi

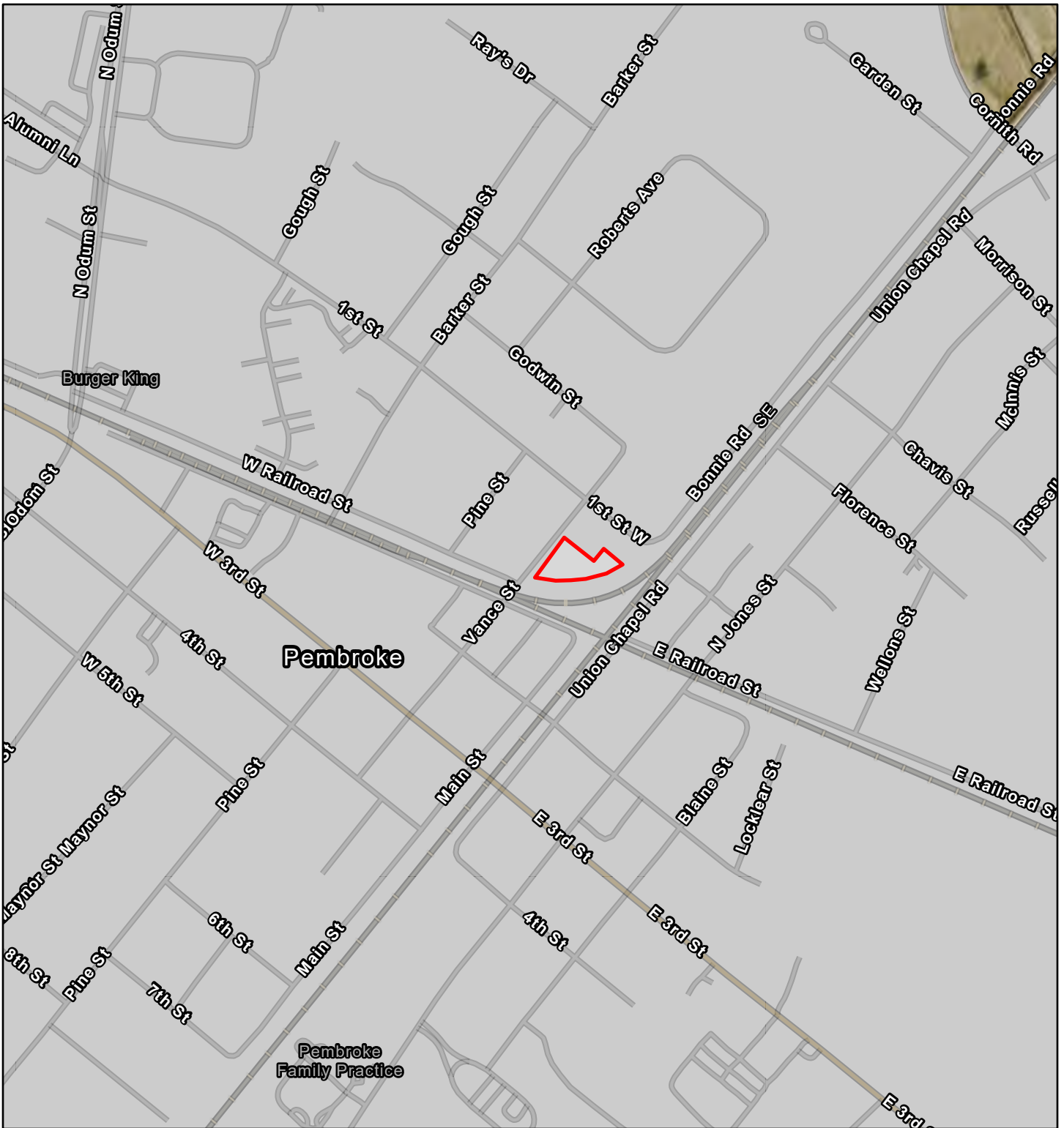


ATTACHMENT 10:

Farmlands Protection

2023 U.S. Census Bureau TIGER/Line Urban Areas
Map and USDA NRCS Custom Soil Resource
Report

Pembroke Park - Urban Areas Map

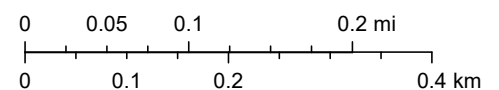


July 16, 2026

1:9,028

☐ Pembroke Park

 Urban Areas



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, EPA OEI, NC CGIA, Vantor



United States
Department of
Agriculture

NRCS

Natural
Resources
Conservation
Service

A product of the National
Cooperative Soil Survey,
a joint effort of the United
States Department of
Agriculture and other
Federal agencies, State
agencies including the
Agricultural Experiment
Stations, and local
participants

Custom Soil Resource Report for **Robeson County, North Carolina**

Pembroke Park



July 22, 2026

Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (<http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/>) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (<https://offices.sc.egov.usda.gov/locator/app?agency=nrcs>) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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Contents

Preface	2
How Soil Surveys Are Made	5
Soil Map	8
Soil Map.....	9
Legend.....	10
Map Unit Legend.....	11
Map Unit Descriptions.....	11
Robeson County, North Carolina.....	13
Ra—Rains sandy loam, 0 to 2 percent slopes.....	13
Soil Information for All Uses	16
Soil Reports.....	16
Recreational Development.....	16
Camp Areas, Picnic Areas, and Playgrounds.....	16
References	19

How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

Custom Soil Resource Report

identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

Custom Soil Resource Report Soil Map



Custom Soil Resource Report

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features

 Blowout

 Borrow Pit

 Clay Spot

 Closed Depression

 Gravel Pit

 Gravelly Spot

 Landfill

 Lava Flow

 Marsh or swamp

 Mine or Quarry

 Miscellaneous Water

 Perennial Water

 Rock Outcrop

 Saline Spot

 Sandy Spot

 Severely Eroded Spot

 Sinkhole

 Slide or Slip

 Sodic Spot

 Spoil Area

 Stony Spot

 Very Stony Spot

 Wet Spot

 Other

 Special Line Features

Water Features

 Streams and Canals

Transportation

 Rails

 Interstate Highways

 US Routes

 Major Roads

 Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Robeson County, North Carolina
Survey Area Data: Version 25, Sep 10, 2025

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

Date(s) aerial images were photographed: Apr 17, 2022—May 20, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Ra	Rains sandy loam, 0 to 2 percent slopes	1.0	100.0%
Totals for Area of Interest		1.0	100.0%

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Custom Soil Resource Report

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Robeson County, North Carolina

Ra—Rains sandy loam, 0 to 2 percent slopes

Map Unit Setting

National map unit symbol: 2v760
Landscape: Coastal plains
Elevation: 30 to 330 feet
Mean annual precipitation: 40 to 55 inches
Mean annual air temperature: 59 to 70 degrees F
Frost-free period: 200 to 280 days
Farmland classification: Prime farmland if drained

Map Unit Composition

Rains, undrained, and similar soils: 58 percent
Rains, drained, and similar soils: 24 percent
Minor components: 18 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Rains, Undrained

Setting

Landscape: Coastal plains
Landform: Carolina bays on marine terraces, Flat broad interstream divides on marine terraces, Flats on marine terraces
Landform position (three-dimensional): Dip, talf
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Loamy marine deposits

Typical profile

A - 0 to 6 inches: sandy loam
Eg - 6 to 12 inches: sandy loam
Btg - 12 to 65 inches: sandy clay loam
BCg - 65 to 80 inches: sandy clay loam

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Poorly drained
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.20 to 1.98 in/hr)
Depth to water table: About 0 inches
Frequency of flooding: None
Frequency of ponding: None
Available water supply, 0 to 60 inches: Moderate (about 7.9 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 4w
Hydrologic Soil Group: A/D
Ecological site: F153AY060NC - Wet Loamy Flats and Depressions, F133AY320NC - Upland Depressions, Flats, and Carolina Bays
Hydric soil rating: Yes

Description of Rains, Drained

Setting

Landscape: Coastal plains

Landform: Carolina bays on marine terraces, Flat broad interstream divides on marine terraces, Flats on marine terraces

Landform position (three-dimensional): Dip, talf

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Loamy marine deposits

Typical profile

Ap - 0 to 6 inches: sandy loam

Eg - 6 to 12 inches: sandy loam

Btg - 12 to 65 inches: sandy clay loam

BCg - 65 to 80 inches: sandy clay loam

Properties and qualities

Slope: 0 to 2 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Poorly drained

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.20 to 1.98 in/hr)

Depth to water table: About 12 to 36 inches

Frequency of flooding: None

Frequency of ponding: None

Available water supply, 0 to 60 inches: Moderate (about 7.9 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 3w

Hydrologic Soil Group: B

Ecological site: F153AY060NC - Wet Loamy Flats and Depressions,

F133AY320NC - Upland Depressions, Flats, and Carolina Bays

Hydric soil rating: Yes

Minor Components

Lynchburg

Percent of map unit: 10 percent

Landscape: Coastal plains

Landform: Flats on marine terraces, Broad interstream divides on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Linear

Across-slope shape: Linear

Ecological site: F153AY040NC - Moist Loamy Rises and Flats, F133AY410NC - Summits, Loamy and Clayey, Seasonally Wet

Hydric soil rating: No

Pantego, undrained

Percent of map unit: 8 percent

Landscape: Coastal plains

Landform: Low stream terraces, Flats, Broad interstream divides

Landform position (three-dimensional): Tread, talf

Down-slope shape: Linear

Across-slope shape: Concave

Custom Soil Resource Report

Ecological site: F153AY060NC - Wet Loamy Flats and Depressions,
F133AY320NC - Upland Depressions, Flats, and Carolina Bays
Hydric soil rating: Yes

Soil Information for All Uses

Soil Reports

The Soil Reports section includes various formatted tabular and narrative reports (tables) containing data for each selected soil map unit and each component of each unit. No aggregation of data has occurred as is done in reports in the Soil Properties and Qualities and Suitabilities and Limitations sections.

The reports contain soil interpretive information as well as basic soil properties and qualities. A description of each report (table) is included.

Recreational Development

This folder contains a collection of tabular reports that present soil interpretations related to recreation facility development. The reports (tables) include all selected map units and components for each map unit, limiting features and interpretive ratings. Recreational development interpretations are tools designed to guide the user in identifying and evaluating the suitability of the soil for specific recreational uses. Example interpretations include camp areas, picnic areas, playgrounds, paths and trails, and off-road motorcycle trails.

Camp Areas, Picnic Areas, and Playgrounds

The soils of the survey area are rated in this table according to limitations that affect their suitability for camp areas, picnic areas, and playgrounds. The ratings are both verbal and numerical. Rating class terms indicate the extent to which the soils are limited by all of the soil features that affect the recreational uses. *Not limited* indicates that the soil has features that are very favorable for the specified use. Good performance and very low maintenance can be expected. *Somewhat limited* indicates that the soil has features that are moderately favorable for the specified use. The limitations can be overcome or minimized by special planning, design, or installation. Fair performance and moderate maintenance can be expected. *Very limited* indicates that the soil has one or more features that are unfavorable for the specified use. The limitations generally cannot be overcome without major soil reclamation, special design, or expensive installation procedures. Poor performance and high maintenance can be expected.

Numerical ratings in the table indicate the severity of individual limitations. The ratings are shown as decimal fractions ranging from 0.01 to 1.00. They indicate gradations between the point at which a soil feature has the greatest negative

impact on the use (1.00) and the point at which the soil feature is not a limitation (0.00).

The ratings are based on restrictive soil features, such as wetness, slope, and texture of the surface layer. Susceptibility to flooding is considered. Not considered in the ratings, but important in evaluating a site, are the location and accessibility of the area, the size and shape of the area and its scenic quality, vegetation, access to water, potential water impoundment sites, and access to public sewer lines. The capacity of the soil to absorb septic tank effluent and the ability of the soil to support vegetation also are important. Soils that are subject to flooding are limited for recreational uses by the duration and intensity of flooding and the season when flooding occurs. In planning recreational facilities, onsite assessment of the height, duration, intensity, and frequency of flooding is essential.

The information in this table can be supplemented by other information, for example, interpretations for dwellings without basements, for local roads and streets, and for septic tank absorption fields.

Camp areas require site preparation, such as shaping and leveling the tent and parking areas, stabilizing roads and intensively used areas, and installing sanitary facilities and utility lines. Camp areas are subject to heavy foot traffic and some vehicular traffic. The ratings are based on the soil properties that affect the ease of developing camp areas and the performance of the areas after development. Slope, stoniness, and depth to bedrock or a cemented pan are the main concerns affecting the development of camp areas. The soil properties that affect the performance of the areas after development are those that influence trafficability and promote the growth of vegetation, especially in heavily used areas. For good trafficability, the surface of camp areas should absorb rainfall readily, remain firm under heavy foot traffic, and not be dusty when dry. The soil properties that influence trafficability are texture of the surface layer, depth to a water table, ponding, flooding, saturated hydraulic conductivity (Ksat), and large stones. The soil properties that affect the growth of plants are depth to bedrock or a cemented pan, Ksat, and toxic substances in the soil.

Picnic areas are subject to heavy foot traffic. Most vehicular traffic is confined to access roads and parking areas. The ratings are based on the soil properties that affect the ease of developing picnic areas and that influence trafficability and the growth of vegetation after development. Slope and stoniness are the main concerns affecting the development of picnic areas. For good trafficability, the surface of picnic areas should absorb rainfall readily, remain firm under heavy foot traffic, and not be dusty when dry. The soil properties that influence trafficability are texture of the surface layer, depth to a water table, ponding, flooding, Ksat, and large stones. The soil properties that affect the growth of plants are depth to bedrock or a cemented pan, Ksat, and toxic substances in the soil.

Playgrounds require soils that are nearly level, are free of stones, and can withstand intensive foot traffic. The ratings are based on the soil properties that affect the ease of developing playgrounds and that influence trafficability and the growth of vegetation after development. Slope and stoniness are the main concerns affecting the development of playgrounds. For good trafficability, the surface of the playgrounds should absorb rainfall readily, remain firm under heavy foot traffic, and not be dusty when dry. The soil properties that influence trafficability are texture of the surface layer, depth to a water table, ponding, flooding, Ksat, and large stones. The soil properties that affect the growth of plants are depth to bedrock or a cemented pan, Ksat, and toxic substances in the soil.

Report—Camp Areas, Picnic Areas, and Playgrounds

[Onsite investigation may be needed to validate the interpretations in this table and to confirm the identity of the soil on a given site. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the potential limitation. The table shows only the top five limitations for any given soil. The soil may have additional limitations]

Camp Areas, Picnic Areas, and Playgrounds—Robeson County, North Carolina							
Map symbol and soil name	Pct. of map unit	Camp areas		Picnic areas		Playgrounds	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Ra—Rains sandy loam, 0 to 2 percent slopes							
Rains, undrained	58	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Dusty	0.01	Dusty	0.01	Dusty	0.01
		Too sandy	0.01	Too sandy	0.01	Too sandy	0.01
Rains, drained	24	Somewhat limited		Somewhat limited		Somewhat limited	
		Depth to saturated zone	0.39	Depth to saturated zone	0.19	Depth to saturated zone	0.39
		Dusty	0.01	Dusty	0.01	Dusty	0.01
		Too sandy	0.01	Too sandy	0.01	Too sandy	0.01

References

- American Association of State Highway and Transportation Officials (AASHTO). 2004. Standard specifications for transportation materials and methods of sampling and testing. 24th edition.
- American Society for Testing and Materials (ASTM). 2005. Standard classification of soils for engineering purposes. ASTM Standard D2487-00.
- Cowardin, L.M., V. Carter, F.C. Golet, and E.T. LaRoe. 1979. Classification of wetlands and deep-water habitats of the United States. U.S. Fish and Wildlife Service FWS/OBS-79/31.
- Federal Register. July 13, 1994. Changes in hydric soils of the United States.
- Federal Register. September 18, 2002. Hydric soils of the United States.
- Hurt, G.W., and L.M. Vasilas, editors. Version 6.0, 2006. Field indicators of hydric soils in the United States.
- National Research Council. 1995. Wetlands: Characteristics and boundaries.
- Soil Survey Division Staff. 1993. Soil survey manual. Soil Conservation Service. U.S. Department of Agriculture Handbook 18. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_054262
- Soil Survey Staff. 1999. Soil taxonomy: A basic system of soil classification for making and interpreting soil surveys. 2nd edition. Natural Resources Conservation Service, U.S. Department of Agriculture Handbook 436. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053577
- Soil Survey Staff. 2010. Keys to soil taxonomy. 11th edition. U.S. Department of Agriculture, Natural Resources Conservation Service. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053580
- Tiner, R.W., Jr. 1985. Wetlands of Delaware. U.S. Fish and Wildlife Service and Delaware Department of Natural Resources and Environmental Control, Wetlands Section.
- United States Army Corps of Engineers, Environmental Laboratory. 1987. Corps of Engineers wetlands delineation manual. Waterways Experiment Station Technical Report Y-87-1.
- United States Department of Agriculture, Natural Resources Conservation Service. National forestry manual. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/home/?cid=nrcs142p2_053374
- United States Department of Agriculture, Natural Resources Conservation Service. National range and pasture handbook. <http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/landuse/rangepasture/?cid=stelprdb1043084>

Custom Soil Resource Report

United States Department of Agriculture, Natural Resources Conservation Service. National soil survey handbook, title 430-VI. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/scientists/?cid=nrcs142p2_054242

United States Department of Agriculture, Natural Resources Conservation Service. 2006. Land resource regions and major land resource areas of the United States, the Caribbean, and the Pacific Basin. U.S. Department of Agriculture Handbook 296. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053624

United States Department of Agriculture, Soil Conservation Service. 1961. Land capability classification. U.S. Department of Agriculture Handbook 210. http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs142p2_052290.pdf

ATTACHMENT 11:

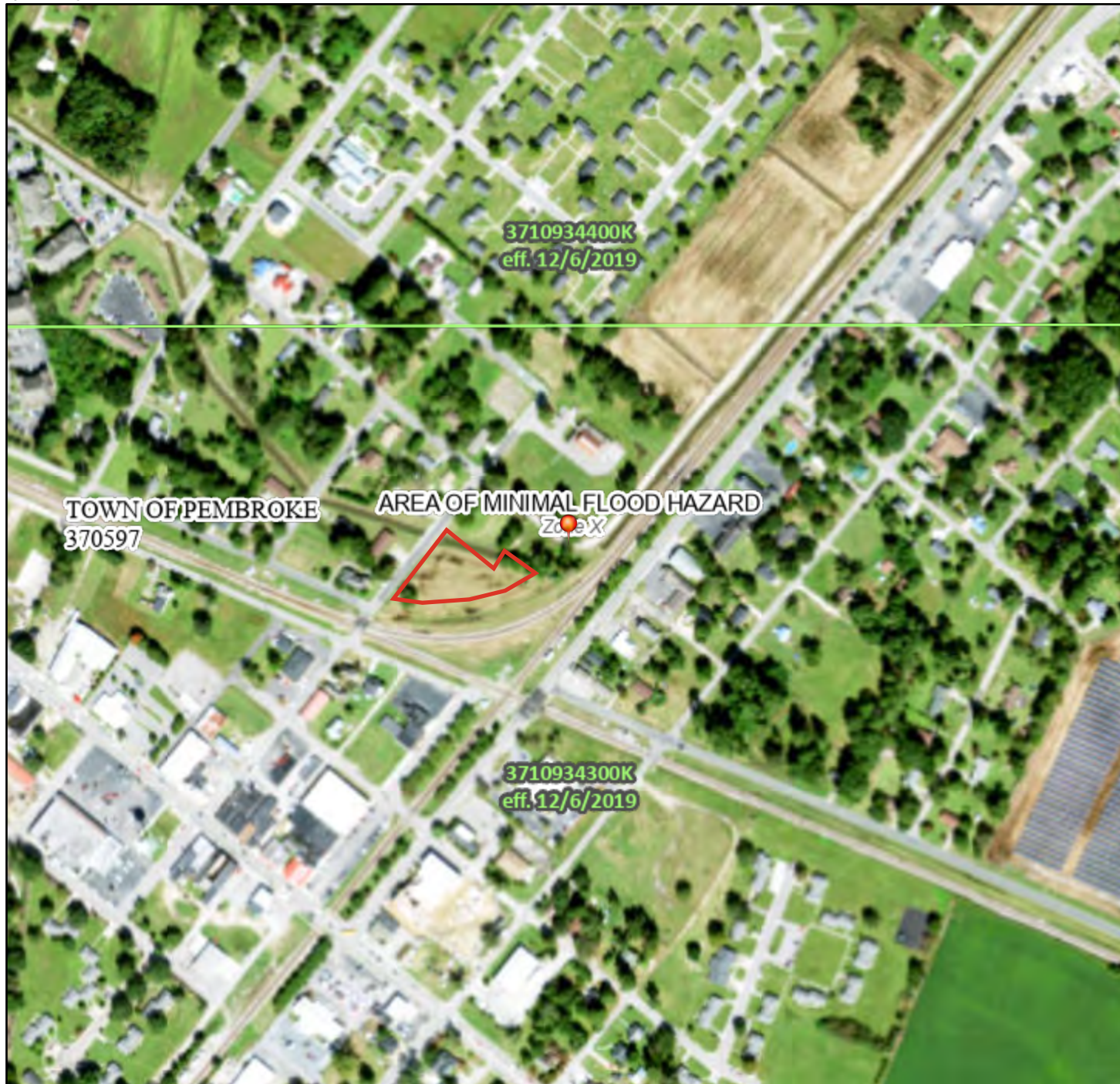
Floodplain Management

FEMA FIRMs with Parcel Boundary and FEMA
FIRM NFHL Map showing 500-year Floodplain

National Flood Hazard Layer FIRMette



79°11'47"W 34°41'11"N



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

1:6,000

79°11'10"W 34°40'42"N

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
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
OTHER FEATURES		Levee, Dike, or Floodwall
		Cross Sections with 1% Annual Chance Water Surface Elevation
OTHER FEATURES		Coastal Transect
		Base Flood Elevation Line (BFE)
OTHER FEATURES		Limit of Study
		Jurisdiction Boundary
OTHER FEATURES		Coastal Transect Baseline
		Profile Baseline
OTHER FEATURES		Hydrographic Feature
		Digital Data Available
MAP PANELS		No Digital Data Available
		Unmapped



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 **1/22/2022 at 7:00 AM** 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.

Pembroke Park - FEMA FIRM



July 16, 2026

1:18,056

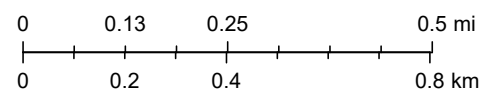
Flood Hazard Zones

1% Annual Chance Flood Hazard

 Regulatory Floodway

0.2% Annual Chance Flood Hazard

☐ Pembroke Park



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, NC CGIA, Vantor

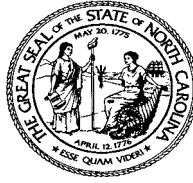
Pembroke Park – FEMA FIRM NFHL Map



ATTACHMENT 12:

Historic Preservation

SHPO Response, NCORR SHPO Submission Package, HUD TDA Results, Catawba Indian Nation THPO Response, Lumbee Tribe of NC Response, Catawba Indian Nation THPO Section 106 Review Package, and Lumbee Tribe of NC Chairman and THPO Section 106 Review Packages



**North Carolina Department of Natural and Cultural Resources
State Historic Preservation Office**

Ramona M. Bartos, Administrator

Governor Josh Stein
Secretary Pamela B. Cashwell

Office of Archives and History
Deputy Secretary Darin J. Waters, Ph.D.

August 5, 2026

MEMORANDUM

TO: Andrea Gievers Andrea.L.Gievers@Rebuild.NC.gov
Office of Recovery and Resiliency
North Carolina Dept of Public Safety

FROM: Ramona M. Bartos, Deputy *RMB for Ramona M. Bartos*
State Historic Preservation Officer

SUBJECT: Construct Pembroke Park, Vance Street, Pembroke, Robeson County,
27-E-0000-0014, ER 26-3147

Thank you for your email of July 27, 2026, concerning the above project.

We have conducted a review of the project and are aware of no historic resources which would be affected by the project. Therefore, we are not requiring any archaeological or architectural survey and have no comment on the project as proposed.

The above comments are made pursuant to Section 106 of the National Historic Preservation Act and the Advisory Council on Historic Preservation's Regulations for Compliance with Section 106 codified at 36 CFR Part 800.

Thank you for your cooperation and consideration. If you have questions concerning the above comment, contact Renee Gledhill-Earley, environmental review coordinator, at 919-814-6579 or environmental.review@dncr.nc.gov. In all future communication concerning this project, please cite the above referenced tracking number.

cc: Bridgette Morris-McLawnhorn, N.C.S.C.H. state.clearinghouse@doa.nc.gov



North Carolina Department of Public Safety

Office of Recovery and Resiliency

Josh Stein, Governor
Jeffrey Smythe, Secretary

Pryor Gibson, Director

July 24, 2026

Ms. Renee Gledhill-Earley
Environmental Review Coordinator
NC State Historic Preservation Office
4617 Mail Service Center
Raleigh, NC 27699-4617

Sent via email to the State Environmental Clearinghouse:

State.Clearinghouse@doa.nc.gov
gabrielle.mckeithen@doa.nc.gov

RE: State Historic Preservation Office - Request for Concurrence
Section 106 Review - HUD CDBG-MIT Program
Pembroke Park
Vance Street near First Street West
Pembroke, Robeson County, NC 28372

Dear Ms. Gledhill-Earley:

In accordance with Section 106 of the National Historic Preservation Act (NHPA) and its implementing regulations, 36 CFR Part 800, we are providing information for your review and concurrence regarding the above-referenced project. The North Carolina Office of Recovery and Resiliency (NCORR, a Division of NC Department of Public Safety), as a recipient of Community Development Block Grant – Mitigation (CDBG-MIT) funds from the United States Department of Housing and Urban Development (HUD), is serving as the responsible entity for compliance with the HUD environmental review procedures set forth in 24 CFR Part 58. The State of North Carolina was adversely impacted by the landfall of Hurricanes Matthew (October 8, 2016) and Florence (September 14, 2018). NCORR is acting on behalf of HUD in providing the enclosed project information and request for consultation.

Proposed Project Location: The Subject Property consists of approximately one acre located along Vance Street near First Street West, Pembroke, Robeson County, NC 28372 (**Attachment 1**). According to the Robeson County Tax Map, the two Town-owned parcels are identified as Parcel ID #350402007 which is 0.2 acres and #350402009 which is 0.6 acres and their adjoining Right-of-Way (ROW) (**Attachment 1**). Paved, parallel parking spaces and a sidewalk will be added along Vance Street for access to the park (**Attachment 1**). There also will be curb, grate and gutter upgrades on Vance Street.

Mailing Address:
Post Office Box 110465
Durham, NC 27709



An Equal Opportunity Employer

Phone: (984) 833-5356
www.ncdps.gov
www.rebuild.nc.gov

Area of Potential Effects (APE) under §800.16(d): We have defined the aboveground Area of Potential Effect (APE) as the Subject Property. The APE for archaeological sites includes the Subject Property and ROW within the limits of disturbance (LOD) areas. The proposed project will develop approximately one acre located along Vance Street near First Street West, Pembroke, Robeson County, NC 28372 (**Attachment 1**). There will also be upgrades, sidewalk and paved parallel parking spaces added along Vance Street for access to the park (see preliminary site plans in **Attachment 1**).

Proposed Project Description: The proposed project involves new construction of a Town-owned park featuring a bronze turtle sculpture surrounded by garden beds and paths shaped as a giant turtle, playground structures on a safe permeable surface, over 0.16 mile of natural grit partially permeable walking trails and a 0.11-mile loop, pollinator garden, native and medicinal plant gardens, rain garden with retaining wall, interpretive signage, information kiosk, education area with seat walls, bench swing, mowed lawn areas, picnic tables, seating, rail fence, trees, and upgrades, a sidewalk and paved parallel parking along Vance Street (**Attachment 1**). *The proposed project is in preliminary design stage and still pending Town approval and agency review.*

The Pembroke Park will preserve the property for public recreation on the walking trails and playground while incorporating educational and flood mitigation components. A Lumbee traditional medicinal plant garden with a rain garden will be installed near the existing drainage ditch. The rain garden provides an informal bioretention, depressed area in the landscape that collects rainwater and allows it to slowly soak into the ground. Rain gardens are a cost-effective and beautiful way to reduce runoff, filter out pollutants and provide food and shelter for butterflies, songbirds and other wildlife. The longleaf pine trees planted along the Subject Property boundary will play a significant role in reducing flood risk by stabilizing soils, slowing water runoff, and improving water infiltration. Therefore, funding for the proposed project will be provided in part by the HUD CDBG-MIT Infrastructure Recovery Program for Hurricanes Matthew and Florence storm recovery activities in North Carolina. Additionally, NCORR is administering NC Department of Environmental Quality (DEQ), Mitigation Services Division funding awarded for this project. The preliminary site plans are included in **Attachment 1**.

We have made a Finding of “*No Historic Properties Affected*” pursuant to 36 CFR 800.4(d)(1) based on the following:

A review of the Subject Property in the National Register of Historic Places (NRHP) and North Carolina State Historic Preservation Office’s (SHPO) HPOWEB and site visit identified two publicly recorded historic properties which are/ were locally designated or listed in or eligible for inclusion in the State or National Register of Historic Places located on or adjacent to the Subject Property. The *Atlantic Coast Line Signal Manufacturers House* (RB0741) is Surveyed Only. It was built circa 1917 and is located on the west side of Union Chapel Road (Route 1563) to the east of the Subject Property and railroad tracks. The *Pembroke Seaboard Coastline Railroad Depot* (RB0403) is Surveyed Only and no longer present. The former *Railroad Depot* was situated south of the Subject Property between railroad tracks on CSX property. As a part of the proposed project, an interpretive sign is proposed for the *Railroad Depot* near the southern boundary of the Subject Property.

No other historic sites were located within the vicinity of the Subject Property and it is not located within a historic district. The results are included in **Attachment 2**.

The Subject Property consists of a vacant mowed lawn with frontage along Vance Street in a residential neighborhood. A small stand of mostly mature Bradford pear trees are situated in the northeast corner near the existing drainage ditch which runs under Vance Street and east towards Bonnie Road. One existing mature pecan tree is located on the southwestern portion of the Subject Property close to Vance Street and West Railroad Street. There are existing overhead transmission lines on the Subject Property ROW along Vance Street. The Subject Property is situated north of the CSX ROW property with railroad tracks closest to the boundary running parallel to College Street and then along Union Chapel Road and southerly tracks that intersect near College Street and Union Chapel Road. The Subject Property photographs are included in **Attachment 3**.

The historical records show the Subject Property and adjacent lots were surveyed and subdivided for single-family housing lots on October 1, 1919 and October 29, 1926 (**Attachment 2**). These R.W. Massey property surveys show the railroad ROW is present along with the train depot and tracks (**Attachment 2**). There is no evidence of buildings or structures historically or currently situated on the Subject Property. Development of the surrounding area has increased over time with the vicinity of the Subject Property changing from primarily agricultural to a mixture of agricultural, residential, and commercial, industrial and government uses. The proposed development will be a Town-owned park and playground with street parking, so there will be minimal clearing and grading.

The Subject Property is surrounded by a mix of single-family and duplex homes, campus housing, commercial, and institutional development. The Subject Property is a vacant lot bordered to the south by the CSX railroad ROW property and tracks then College Street/ Main Street, businesses, Union Chapel Road, the Pembroke Town Hall, Maynor Manor public housing complex, and residences; to the northeast by vacant parcels, the intersection of Vance Street and First Street, chain link fencing, the Pembroke Housing Authority (HA) Maintenance Department building and the Pembroke HA Strickland Heights public housing complex (100 units) on Roberts Avenue; to the northwest by residences, College Manor Apartments on Barker Street, The Retreat at Pembroke apartment complex, the UNCP campus and housing, and numerous commercial facilities; to the east by First Street West/ Bonnie Road, then Union Chapel Road, residences and businesses including Lumbee Caskets and Granite, A New Horizon LLC (Home Care), Speech Solutions Inc., and Robin's Beauty Salon, and Pembroke First Baptist Church; and to the west by Vance Street. The UNCP campus is located approximately 2,310 feet northwest of the Subject Property.

NCORR processes environmental reviews for proposed projects funded with HUD CDBG-MIT on a case-by-case basis. A consultation request for the proposed project described herein will also be sent to the Catawba Indian Nation and Lumbee Tribe of NC. In accordance with Section 101(d)(6)(B) of the NHPA of 1966, as amended (16 U.S.C. 470f), and its implementing regulations, 36 CFR Part 800, this letter serves as notification of the proposed action. Attached for your review are copies of relevant documents supporting our finding, along with photographs and a map showing the location of the Subject Property. This documentation satisfies requirements set forth at §800.11(d).

NCORR respectfully requests your review of the proposed project described herein. In accordance with §800.4(d)(1)(i), your office has *thirty days* to object to this finding. Please respond within this timeframe, otherwise we will assume that you concur with our finding. If you concur, please feel free to respond via the State Environmental Clearinghouse to Andrea Gievers, NCORR Environmental Subject Matter Expert, at Andrea.L.Gievers@Rebuild.NC.gov.

If you have any questions or require additional information regarding this request, please feel free to contact Andrea Gievers at (845) 682-1700 or via email at Andrea.L.Gievers@Rebuild.NC.gov. Thank you for your time and assistance.

Sincerely,



Andrea Gievers, JD, MSEL, ERM
NCORR Environmental Subject Matter Expert

Proposed Project Enclosures:

Attachment 1: Proposed Project Location Maps and Preliminary Site Plans

Attachment 2: Proposed Project NRHP and NC HPOWEB Maps and Historic Data

Attachment 3: Subject Property Photographs

Section 106 ATTACHMENT 1:

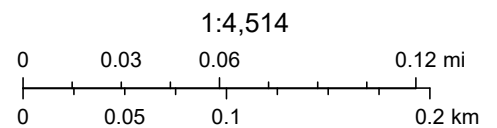
**Proposed Project Location Maps
and Preliminary Site Plans**

Pembroke Park - Aerial Map



July 15, 2026

 Pembroke Park



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, NC CGIA, Vantor

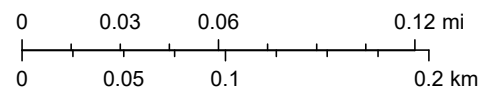
Pembroke Park - Street Map



July 15, 2026

 Pembroke Park

1:4,514



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community

L:\RobCo-26.01 - Pembroke Pocket Park\800 Drawings\810 Design Drawings\02 Civil\RobCo-20.01 - Pembroke Pocket Park Design.dwg; Last Saved By: PERRY, 6/18/2026 3:06:33 PM; Layout ALT 3 RENDER (2); Plotted By: Perry Harrison, 06/18/26 03:16:16 PM
XREF: RobCo-26.01 - Pembroke Pocket Park - g01tab01; IMAGE: L:\RobCo-26.01 - Pembroke Pocket Park\800 GIS\NC OneMap\OC60_37_000_10934301_20250128_0214R0.aid



REVISIONS			
SYM.	DESCRIPTION	DATE	BY

PRELIMINARY - DO NOT USE FOR CONSTRUCTION

LKC Engineering, PLLC
390 W. Pennsylvania Avenue
Southern Pines, NC 28387
910.420.1437
lkceengineering.com
License No. P-1095

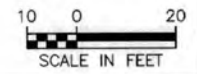
Engineering
Landscape Architecture
Surveying

LKC

PEMBROKE POCKET
PARK CONCEPT

Pocket Park
Town of Pembroke
Robeson County, North Carolina

DATE: May, 2026
DESIGNED:
DRAWN:
CHECKED:
NO.



Section 106 ATTACHMENT 2:

**Proposed Project NRHP and
NC HPOWEB Maps**

Pembroke Park - National Register of Historic Places Map



July 21, 2026

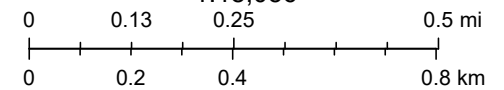


Pembroke Park



National Register of Historic Places

1:18,056



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, EPA OEI, OFA, NC CGIA, Vantor

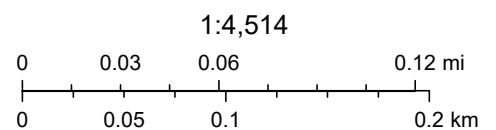
NCHPO HPOWEB



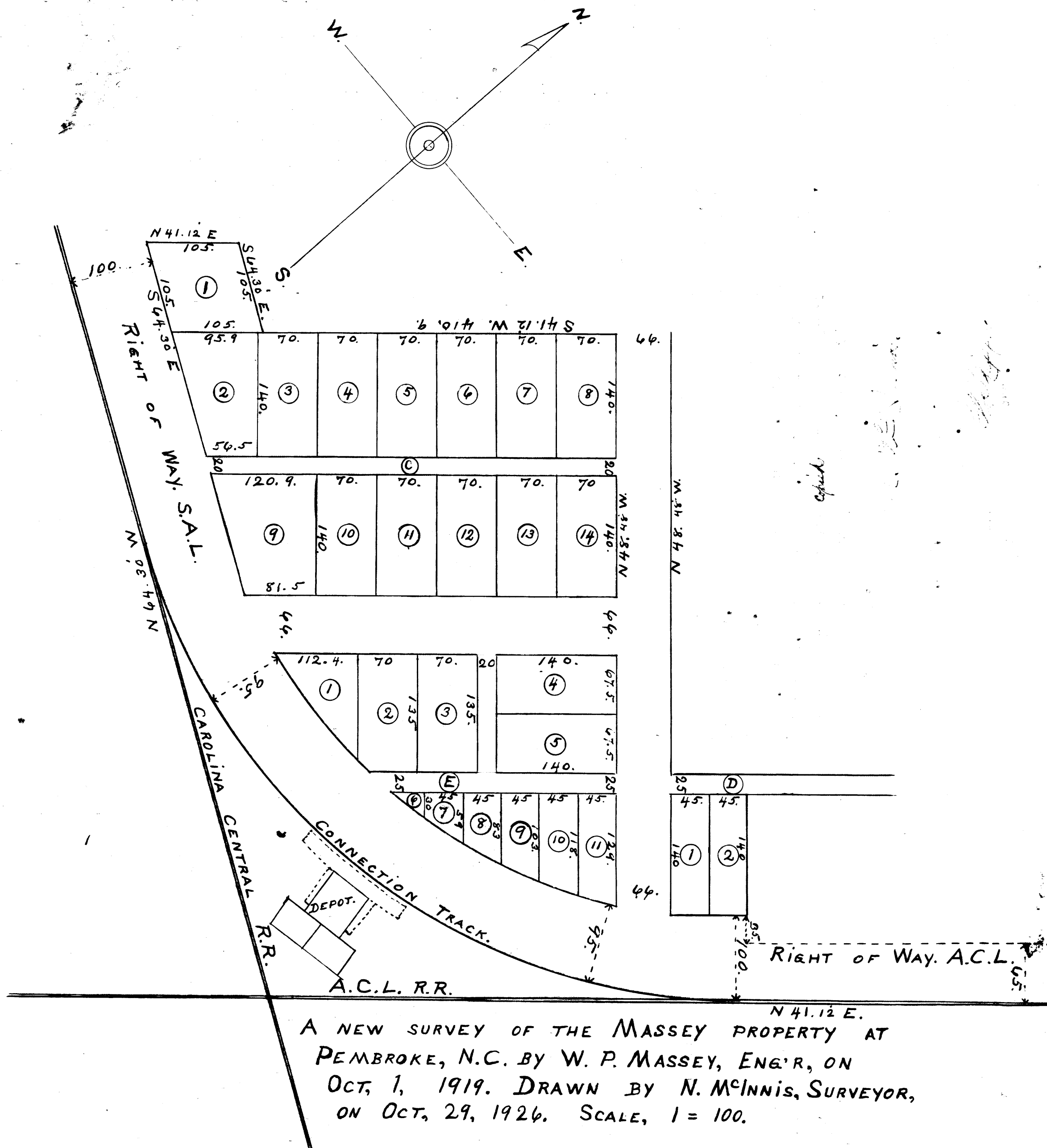
7/17/2026, 5:19:21 PM

Surveyed individual resources & centerpoints

-  Surveyed Only
-  Surveyed Only, Gone
-  Counties (outline)



Source: Esri, USDA FSA



HPO #	Resource	Address	Location	County	Built	Associated Rail System
FY9257	Norfolk Southern Railroad Deck Plate Overpass Girder Bridge over N Broad Street and Northwest Boulevard	N Broad St and Northwest Boulevard	Winston-Salem	Forsyth	1961	NS
FY9258	Norfolk Southern Railroad Deck Plate Girder Overpass Bridge Over E. Northwest Boulevard	Over E. Northwest Boulevard	Winston-Salem	Forsyth	ca. 1925	NS
FY9259	Norfolk Southern Railroad Overpass Bridge Over Indiana Avenue	Over Indiana Avenue	Winston-Salem	Forsyth	ca.1928	NS
GF9167	Norfolk Southern Railway Overpass Bridge Over Elm Street	Over Elm Street	Greensboro	Guilford	ca. 1920	NS
GF9168	Norfolk Southern Railway and North Carolina Railroad Overpass Bridge Over Fulton Street	Over Fulton Street	Greensboro	Guilford	1907	NS
GF9169	Norfolk Southern Railway and North Carolina Railroad Overpass Bridge Over Tate Street	Over Tate Street	Greensboro	Guilford	ca. 1920	NS
GF9170	Norfolk Southern Railway and North Carolina Railroad Overpass bridge of Abandoned NS Branch/Downtown Greenway	Over abandoned NS Branch near Eugene Court (to the north), Downtown Greenway goes under	Greensboro	Guilford	1928	NS
GF9171	Southern Railway Pomona Rail Yard	Oakland Avenue	Greensboro	Guilford	ca. 1927	NS
GF9172	Southern Railway Pomona Rail Yard Office	Oakland Avenue	Greensboro	Guilford	ca. 1927	NS
GF9173	Norfolk Southern Railway and North Carolina Railroad Overpass Bridge, Over S. Holden Road (SR1392)	Over S. Holden Road	Greensboro	Guilford	ca. 1950	NS
GF9174	High Point, Randleman, Asheboro & Southern RR Co. Pile Trestle over Richland Creek	over Richland Creek north of I-85 and on the east side of Jarrell Street	High Point	Guilford	ca. 1927	NS
HT1245	Atlantic and Western Railway/ Norfolk Southern Railroad Lillington Station (moved)	101 E. Duncan Street	Lillington	Harnett	ca. 1910	NS
HF1696	Ahoskie Rail Freight Depot and Yard	Catherine Street	Ahoskie	Hertford	ca. 1970	CSX
MR1429	Norfolk Southern Railway Overpass Bridge over Beulah Hill Road S (NC5) (NCDOT Bridge # 620029)	South of Intersection of Beulah Hill Road N and Cherokee Road	Pinehurst	Moore	ca. 1935	NS
NS1567	W. Nash Street Railroad Crossing	W. Nash Street	Spring Hope	Nash	ca. 1886	CSX
NS1568	Atlantic Coast Railroad Depot Historic District	101, 107–111 Coastline Street	Rocky Mount	Nash	1903–1972	CSX
OR3238	North Carolina Railroad Brick Arch Culvert	over branch leading to Eno River	Hillsborough	Orange	ca. 1855	NCRR/NS
PT3361	Atlantic Coast Line Bridge over Tar River	over Tar River	Greenville	Pitt	1952	CSX
RH0753	CSX Hamlet Rail Yard	176–361 CSX Drive	Hamlet	Richmond	ca. 1954	CSX
RH0754	CSX Hamlet Rail Yard Office and Hump Tower	176–361 CSX Drive	Hamlet	Richmond	ca. 1954	CSX
RH0755	CSX Hamlet Rail Yard Pedestrian Tunnel	176–361 CSX Drive	Hamlet	Richmond	ca. 1954	CSX
RH0756	CSX Hamlet Rail Yard Car Shop	176–361 CSX Drive	Hamlet	Richmond	ca. 1954	CSX
RH0757	CSX Hamlet Rail Yard Water Tower	176–361 CSX Drive	Hamlet	Richmond	ca. 1954	CSX
RB0740	Atlantic Coast Line Railroad Underpass Bridge Carrying Alt Route 74 (NCDOT # 770014)	Carrying Alt Route 74	Pembroke	Robeson	1948	CSX
RB0741	Atlantic Coast Line Signal Manufacturers House	West Side of Union Chapel Road (Route 1563)	Pembroke	Robeson	ca. 1917	CSX

Section 106 ATTACHMENT 3:

Subject Property Photographs

PEMBROKE PARK PROJECT



36. Pembroke - Project Site Area, Facing North



PEMBROKE PARK PROJECT



30 - Pembroke - Project Site, facing North



25. Pembroke - Ornamental Bradford Pears, facing West

PEMBROKE PARK PROJECT



PEMBROKE PARK PROJECT



32. Pembroke - Project Site Area, Facing West-Southwest



33. Pembroke - Project Site Area, Facing West



Tribal Directory Assessment Information



Contact Information for Tribes with Interests in Robeson County, North Carolina

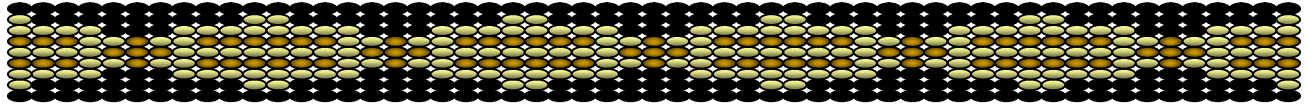
Tribal Name				County Name		
— Catawba Indian Nation (aka Catawba Indian Tribe of South Carolina)				Robeson		
Contact Name	Title	Mailing Address	Work Phone	Fax Number	Email Address	URL
Caitlin Rogers	Cultural Division Program Manager	1536 Tom Steven Road, Rock Hill, SC - 29730	(803) 328-2427 ext. 226	(803) 328-5791	caitlin.rogers@catawb a.com	www.CatawbaCulture. org
Dr. Wenonah G. Haire	THPO and Catawba Cultural Center Executive Director	1536 Tom Steven Road, Rock Hill, SC - 29730	(803) 328-2427 ext. 224	(803) 328-5791	wenonah.haire@cata wba.com	www.CatawbaCulture. org

1 - 1 of 1 results

« < 1 > » 10 ▼

Catawba Indian Nation
Tribal Historic Preservation Office
1536 Tom Steven Road
Rock Hill, South Carolina 29730

Office 803-328-2427
Fax 803-328-5791



August 26, 2026

Attention: Andrea Gievers
NCORR
P.O. Box 110465
Durham, NC 27709

Re. THPO #	TCNS #	Project Description
2026-1119-2		Pembroke Park – Vance Street near First Street West, Pembroke, Robeson Co., NC

Dear Ms. Gievers,

The Catawba have no immediate concerns with regard to traditional cultural properties, sacred sites or Native American archaeological sites within the boundaries of the proposed project areas. **However, the Catawba are to be notified if Native American artifacts and / or human remains are located during the ground disturbance phase of this project.**

If you have questions please contact Caitlin Rogers at 803-328-2427 ext. 226, or e-mail Caitlin.Rogers@catawba.com.

Sincerely,

Wenonah G. Haire
Tribal Historic Preservation Officer



North Carolina Department of Public Safety

Office of Recovery and Resiliency

Josh Stein, Governor
Jeffrey Smythe, Secretary

Pryor Gibson, Director

July 28, 2026

Dr. Wenonah George Haire
ATTN: THPO
Catawba Indian Nation
1536 Tom Steven Road
Rock Hill, SC 29730

RE: Section 106 Review - HUD CDBG-MIT Program
Pembroke Park
Vance Street near First Street West
Pembroke, Robeson County, NC 28372

Dear Dr. Wenonah George Haire:

The North Carolina Office of Recovery and Resiliency (NCORR), as a recipient of Community Development Block Grant – Mitigation (CDBG-MIT) funds from the United States Department of Housing and Urban Development (HUD), is serving as the responsible entity for compliance with the HUD environmental review procedures set forth in 24 CFR Part 58. The State of North Carolina was adversely impacted by the landfall of Hurricanes Matthew (October 8, 2016) and Florence (September 14, 2018). NCORR is acting on behalf of HUD in providing the enclosed project information and inviting this discussion with your Nation. Additionally, NCORR is administrating NC Department of Environmental Quality (DEQ), Mitigation Services Division funding awarded for this project.

NCORR processes environmental reviews for proposed projects funded with HUD CDBG-MIT on a case-by-case basis. In accordance with Section 101(d)(6)(B) of the National Historic Preservation Act (NHPA) of 1966, as amended (16 U.S.C. 470f), and its implementing regulations, 36 CFR Part 800, this letter serves as notification of the proposed action. This letter also serves as an invitation to discussion as a consulting party in this review to help identify historic properties in the proposed project area that may have religious and cultural significance to your Nation, and if such properties exist, to help assess how the proposed project might affect them. If the proposed project might have an adverse effect, we would like to discuss possible ways to avoid, minimize or mitigate potential adverse effects.

Proposed Project Location: The Subject Property consists of approximately one acre located along Vance Street near First Street West, Pembroke, Robeson County, NC 28372 (**Attachment 1**). According to the Robeson County Tax Map, the two Town-owned parcels are identified as Parcel ID #350402007 which is 0.2 acres and #350402009 which is 0.6 acres and their adjoining

Mailing Address:
Post Office Box 110465
Durham, NC 27709



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www.rebuild.nc.gov

Right-of-Way (ROW) (**Attachment 1**). Paved, parallel parking spaces and a sidewalk will be added along Vance Street for access to the park (**Attachment 1**). There also will be curb, grate and gutter upgrades on Vance Street.

Area of Potential Effects (APE) under §800.16(d): We have defined the aboveground Area of Potential Effect (APE) as the Subject Property. The APE for archaeological sites includes the Subject Property and ROW within the limits of disturbance (LOD) areas. The proposed project will develop approximately one acre located along Vance Street near First Street West, Pembroke, Robeson County, NC 28372 (**Attachment 1**). There will also be upgrades, sidewalk and paved parallel parking spaces added along Vance Street for access to the park (*see* preliminary site plans in **Attachment 1**).

Proposed Project Description: The proposed project involves new construction of a Town-owned park featuring a bronze turtle sculpture surrounded by garden beds and paths shaped as a giant turtle, playground structures on a safe permeable surface, over 0.16 mile of natural grit partially permeable walking trails and a 0.11-mile loop, pollinator garden, native and medicinal plant gardens, rain garden with retaining wall, interpretive signage, information kiosk, education area with seat walls, bench swing, mowed lawn areas, picnic tables, seating, rail fence, trees, and upgrades, a sidewalk and paved parallel parking along Vance Street (**Attachment 1**). *The proposed project is in preliminary design stage and still pending Town approval and agency review.*

The Pembroke Park will preserve the property for public recreation on the walking trails and playground while incorporating educational and flood mitigation components. A Lumbee traditional medicinal plant garden with a rain garden will be installed near the existing drainage ditch. The rain garden provides an informal bioretention, depressed area in the landscape that collects rainwater and allows it to slowly soak into the ground. Rain gardens are a cost-effective and beautiful way to reduce runoff, filter out pollutants and provide food and shelter for butterflies, songbirds and other wildlife. The longleaf pine trees planted along the Subject Property boundary will play a significant role in reducing flood risk by stabilizing soils, slowing water runoff, and improving water infiltration. Therefore, funding for the proposed project will be provided in part by the HUD CDBG-MIT Infrastructure Recovery Program for Hurricanes Matthew and Florence storm recovery activities in North Carolina. Additionally, NCORR is administering NC Department of Environmental Quality (DEQ), Mitigation Services Division funding awarded for this project. The preliminary site plans are included in **Attachment 1**.

We have made a Finding of “*No Historic Properties Affected*” pursuant to 36 CFR 800.4(d)(1) based on the following:

A review of the Subject Property in the National Register of Historic Places (NRHP) and North Carolina State Historic Preservation Office’s (SHPO) HPOWEB and site visit identified two publicly recorded historic properties which are/ were locally designated or listed in or eligible for inclusion in the State or National Register of Historic Places located on or adjacent to the Subject Property. The *Atlantic Coast Line Signal Manufacturers House* (RB0741) is Surveyed Only. It was built circa 1917 and is located on the west side of Union Chapel Road (Route 1563) to the east of the Subject Property and railroad tracks.

The *Pembroke Seaboard Coastline Railroad Depot* (RB0403) is Surveyed Only and no longer present. The former *Railroad Depot* was situated south of the Subject Property between railroad tracks on CSX property. As a part of the proposed project, an interpretive sign is proposed for the *Railroad Depot* near the southern boundary of the Subject Property. No other historic sites were located within the vicinity of the Subject Property and it is not located within a historic district. The results are included in **Attachment 2**.

The Subject Property consists of a vacant mowed lawn with frontage along Vance Street in a residential neighborhood. A small stand of mostly mature Bradford pear trees are situated in the northeast corner near the existing drainage ditch which runs under Vance Street and east towards Bonnie Road. One existing mature pecan tree is located on the southwestern portion of the Subject Property close to Vance Street and West Railroad Street. There are existing overhead transmission lines on the Subject Property ROW along Vance Street. The Subject Property is situated north of the CSX ROW property with railroad tracks closest to the boundary running parallel to College Street and then along Union Chapel Road and southerly tracks that intersect near College Street and Union Chapel Road. The Subject Property photographs are included in **Attachment 3**.

The historical records show the Subject Property and adjacent lots were surveyed and subdivided for single-family housing lots on October 1, 1919 and October 29, 1926 (**Attachment 2**). These R.W. Massey property surveys show the railroad ROW is present along with the train depot and tracks (**Attachment 2**). There is no evidence of buildings or structures historically or currently situated on the Subject Property. Development of the surrounding area has increased over time with the vicinity of the Subject Property changing from primarily agricultural to a mixture of agricultural, residential, and commercial, industrial and government uses. The proposed development will be a Town-owned park and playground with street parking, so there will be minimal clearing and grading.

The Subject Property is surrounded by a mix of single-family and duplex homes, campus housing, commercial, and institutional development. The Subject Property is a vacant lot bordered to the south by the CSX railroad ROW property and tracks then College Street/ Main Street, businesses, Union Chapel Road, the Pembroke Town Hall, Maynor Manor public housing complex, and residences; to the northeast by vacant parcels, the intersection of Vance Street and First Street, chain link fencing, the Pembroke Housing Authority (HA) Maintenance Department building and the Pembroke HA Strickland Heights public housing complex (100 units) on Roberts Avenue; to the northwest by residences, College Manor Apartments on Barker Street, The Retreat at Pembroke apartment complex, the UNCP campus and housing, and numerous commercial facilities; to the east by First Street West/ Bonnie Road, then Union Chapel Road, residences and businesses including Lumbee Caskets and Granite, A New Horizon LLC (Home Care), Speech Solutions Inc., and Robin's Beauty Salon, and Pembroke First Baptist Church; and to the west by Vance Street. The UNCP campus is located approximately 2,310 feet northwest of the Subject Property.

The proposed project information has been sent to the NC SHPO and the Lumbee Tribe of NC in accordance with Section 106 of the NHPA and its implementing regulations, 36 CFR Part 800. With this letter, NCORR respectfully submits for your review the attached documentation for the proposed project described herein. If the APE encompasses historic properties of religious or cultural significance to your Nation, please respond within 30 days of receipt of this letter

indicating a desire to consult. If you have any concerns with potential impacts of the proposed project on historic properties, please note them in your response along with your preferred principal representative's point of contact. Please respond within this timeframe, otherwise we will assume that the proposed project will have no effect to historic properties of religious or cultural significance. Please respond via email at Andrea.L.Gievers@Rebuild.NC.gov.

If you have any questions or require additional information regarding this request, please feel free to contact Andrea Gievers at (845) 682-1700 or via email at Andrea.L.Gievers@Rebuild.NC.gov.

Thank you for your time and assistance.

Sincerely,

A handwritten signature in black ink, appearing to read "Andrea Gievers".

Andrea Gievers, JD, MSEL, ERM
NCORR Environmental Subject Matter Expert

Proposed Project Enclosures:

Attachment 1: Proposed Project Location Maps and Preliminary Site Plans

Attachment 2: Proposed Project NRHP and NC HPOWEB Maps and Historic Data

Attachment 3: Subject Property Photographs

Section 106 ATTACHMENT 1:

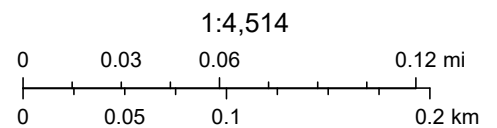
**Proposed Project Location Maps
and Preliminary Site Plans**

Pembroke Park - Aerial Map



July 15, 2026

 Pembroke Park



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, NC CGIA, Vantor

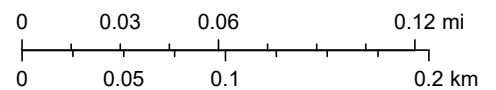
Pembroke Park - Street Map



July 15, 2026

 Pembroke Park

1:4,514



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community

L:\RobCo-26.01 - Pembroke Pocket Park\800 Drawings\810 Design Drawings\02 Civil\RobCo-20.01 - Pembroke Pocket Park Design.dwg; Last Saved By: PERRY, 6/18/2026 3:06:33 PM; Layout ALT 3 RENDER (2); Plotted By: Perry Harrison, 06/18/26 03:16:16 PM
XREF: RobCo-26.01 - Pembroke Pocket Park - g01tab01; IMAGE: L:\RobCo-26.01 - Pembroke Pocket Park\800 Drawings\02 Civil\RobCo-20.01 - Pembroke Pocket Park Design.dwg; Last Saved By: PERRY, 6/18/2026 3:06:33 PM; Layout ALT 3 RENDER (2); Plotted By: Perry Harrison, 06/18/26 03:16:16 PM



REVISIONS			
SYM.	DESCRIPTION	DATE	BY

PRELIMINARY - DO NOT USE FOR CONSTRUCTION

LKC Engineering, PLLC
390 W. Pennsylvania Avenue
Southern Pines, NC 28387
910.420.1437
lkceengineering.com
License No. P-1095

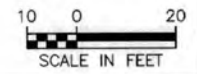
Engineering
Landscape Architecture
Surveying

LKC

PEMBROKE POCKET
PARK CONCEPT

Pocket Park
Town of Pembroke
Robeson County, North Carolina

DATE: May, 2026
DESIGNED:
DRAWN:
CHECKED:
NO.



Section 106 ATTACHMENT 2:

**Proposed Project NRHP and
NC HPOWEB Maps and
Historic Data**

Pembroke Park - National Register of Historic Places Map



July 21, 2026

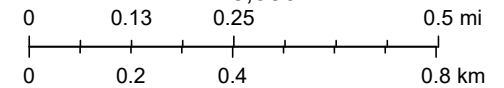


Pembroke Park



National Register of Historic Places

1:18,056



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, EPA OEI, OFA, NC CGIA, Vantor

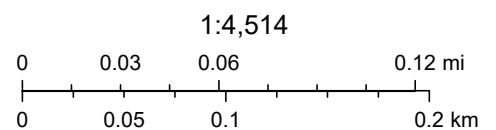
NCHPO HPOWEB



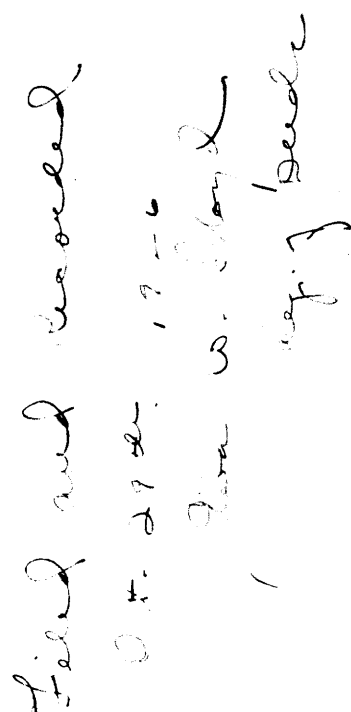
7/17/2026, 5:19:21 PM

Surveyed individual resources & centerpoints

-  Surveyed Only
-  Surveyed Only, Gone
-  Counties (outline)



Source: Esri, USDA FSA



HPO #	Resource	Address	Location	County	Built	Associated Rail System
FY9257	Norfolk Southern Railroad Deck Plate Overpass Girder Bridge over N Broad Street and Northwest Boulevard	N Broad St and Northwest Boulevard	Winston-Salem	Forsyth	1961	NS
FY9258	Norfolk Southern Railroad Deck Plate Girder Overpass Bridge Over E. Northwest Boulevard	Over E. Northwest Boulevard	Winston-Salem	Forsyth	ca. 1925	NS
FY9259	Norfolk Southern Railroad Overpass Bridge Over Indiana Avenue	Over Indiana Avenue	Winston-Salem	Forsyth	ca.1928	NS
GF9167	Norfolk Southern Railway Overpass Bridge Over Elm Street	Over Elm Street	Greensboro	Guilford	ca. 1920	NS
GF9168	Norfolk Southern Railway and North Carolina Railroad Overpass Bridge Over Fulton Street	Over Fulton Street	Greensboro	Guilford	1907	NS
GF9169	Norfolk Southern Railway and North Carolina Railroad Overpass Bridge Over Tate Street	Over Tate Street	Greensboro	Guilford	ca. 1920	NS
GF9170	Norfolk Southern Railway and North Carolina Railroad Overpass bridge of Abandoned NS Branch/Downtown Greenway	Over abandoned NS Branch near Eugene Court (to the north), Downtown Greenway goes under	Greensboro	Guilford	1928	NS
GF9171	Southern Railway Pomona Rail Yard	Oakland Avenue	Greensboro	Guilford	ca. 1927	NS
GF9172	Southern Railway Pomona Rail Yard Office	Oakland Avenue	Greensboro	Guilford	ca. 1927	NS
GF9173	Norfolk Southern Railway and North Carolina Railroad Overpass Bridge, Over S. Holden Road (SR1392)	Over S. Holden Road	Greensboro	Guilford	ca. 1950	NS
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NS1568	Atlantic Coast Railroad Depot Historic District	101, 107–111 Coastline Street	Rocky Mount	Nash	1903–1972	CSX
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RH0755	CSX Hamlet Rail Yard Pedestrian Tunnel	176–361 CSX Drive	Hamlet	Richmond	ca. 1954	CSX
RH0756	CSX Hamlet Rail Yard Car Shop	176–361 CSX Drive	Hamlet	Richmond	ca. 1954	CSX
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RB0741	Atlantic Coast Line Signal Manufacturers House	West Side of Union Chapel Road (Route 1563)	Pembroke	Robeson	ca. 1917	CSX

Section 106 ATTACHMENT 3:

Subject Property Photographs

PEMBROKE PARK PROJECT



36. Pembroke - Project Site Area, Facing North



PEMBROKE PARK PROJECT



PEMBROKE PARK PROJECT



30 - Pembroke - Project Site, facing North



25. Pembroke - Ornamental Bradford Pears, facing West

PEMBROKE PARK PROJECT



PEMBROKE PARK PROJECT



1 From Please print and press hard.
 Date **7/28/26** Sender's FedEx Account Number **8950-9899-0**
 Sender's Name **Andrea Gievers** Phone **845 682-1760**
 Company **NCORR**
 Address **3237 182nd LN NE** Dept./Floor/Suite/Room
 City **East Bethel** State **MN** ZIP **55092**

2 Your Internal Billing Reference **Pembroke Park**
 First 24 characters will appear on invoice.

3 To
 Recipient's Name **Dr. Wenonah G. Haire** Phone ()
 Company **Catawba Indian Nation - THPO**
 Address **1536 Tom Steven Rd** Dept./Floor/Suite/Room
 We cannot deliver to P.O. boxes or P.O. ZIP codes.
 Address Use this line for the HOLD location address or for continuation of your shipping address.
 City **Rock Hill** State **SC** ZIP **29730**

☐ Hold Weekday
 FedEx location address
 REQUIRED. NOT available for
 FedEx First Overnight.

☐ Hold Saturday
 FedEx location address
 REQUIRED. Available ONLY for
 FedEx Priority Overnight and
 FedEx 2Day to select locations.

4 Express Package Service * To most locations. Packages up to 150 lbs.
 For packages over 150 lbs., use the
 FedEx Express Freight US Airbill.

Next Business Day	2 or 3 Business Days
☐ FedEx First Overnight Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless Saturday Delivery is selected.	☐ FedEx 2Day A.M. Second business morning.* Saturday Delivery NOT available.
☐ FedEx Priority Overnight Next business morning.* Friday shipments will be delivered on Monday unless Saturday Delivery is selected.	☒ FedEx 2Day Second business afternoon.* Thursday shipments will be delivered on Monday unless Saturday Delivery is selected.
☐ FedEx Standard Overnight Next business afternoon.* Saturday Delivery NOT available.	☐ FedEx Express Saver Third business day.* Saturday Delivery NOT available.

5 Packaging * Declared value limit \$500.
☐ FedEx Envelope* ☐ FedEx Pak* ☐ FedEx Box ☐ FedEx Tube ☐ Other

6 Special Handling and Delivery Signature Options Fees may apply. See the FedEx Service Guide.
☐ Saturday Delivery
 NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

☐ No Signature Required
 Package may be left without obtaining a signature for delivery.

☐ Direct Signature
 Someone at recipient's address may sign for delivery.

☐ Indirect Signature
 If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only.

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

Restrictions apply for dangerous goods — see the current FedEx Service Guide.

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 Enter FedEx Acct. No. below.
☐ Sender Acct. No. in Section 1 will be billed. ☐ Recipient ☐ Third Party

FedEx Acct. No.
 Total Packages Total Weight Total Declared Value*
 lbs. \$.00

*Our liability is limited to US\$100 unless you declare a higher value. See back for details. By using this airbill you agree to the service conditions on the back of this airbill and in the current FedEx Service Guide, including terms that limit our liability.

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644

Gievers, Andrea

From: Harlen Chavis <hchavis@lumbeetribes.com>
Sent: Wednesday, July 29, 2026 10:20 AM
To: Gievers, Andrea
Subject: [External] Re: *External* Pembroke Park - NHPA Section 106 Review

Follow Up Flag: Follow up
Flag Status: Flagged

CAUTION: External email. Do not click links or open attachments unless verified. Report suspicious emails with the Report Message button located on your Outlook menu bar on the Home tab.

Hello Andrea, this project looks amazing!!!

I would ask that some landscaping plants to plant there:

Yaupon Holly
Wiregrass
Sassafras
Long Leaf Pine
Sweet Grass
Broom straw grass
Mullens
Elderberry
Blueberries
Pawpaw
Persimmons
Briarberries
Goldenrod
Pecan trees
Magnolia trees
Black Walnut trees
Hickory Trees
Rivercane
Wild indigo
Bull Thistle
Cattails
Hickory tree

These are a few plants and trees that would make this green space a place of Indigenous Medicine and a Sovereign Sanctuary.

Thank you.

Get [Outlook for Android](#)

From: Gievers, Andrea <andrea.l.gievers@rebuild.nc.gov>
Sent: Friday, 24 July 2026 16:47:05
To: Harlen Chavis <hchavis@lumbeetribe.com>
Subject: *External* Pembroke Park - NHPA Section 106 Review

CAUTION: This message originated from outside the Lumbee Tribe of North Carolina – Do not click on links or open attachments unless you recognize the sender and know the content is safe.

Dear Mr. Harlen Chavis, Jr.:

The North Carolina Office of Recovery and Resiliency (NCORR, a Division of NC Department of Public Safety) as a recipient of Community Development Block Grant – Mitigation (CDBG-MIT) funds from the United States Department of Housing and Urban Development (HUD) is considering funding this proposed public infrastructure project, **Pembroke Park**, located along Vance Street near First Street West, Pembroke, Robeson County, NC 28372. The proposed project involves new construction of a Town-owned park featuring a bronze turtle sculpture surrounded by garden beds and paths shaped as a giant turtle, playground structures on a safe permeable surface, over 0.16 mile of natural grit partially permeable walking trails and a 0.11-mile loop, pollinator garden, native and medicinal plant gardens, rain garden with retaining wall, interpretive signage, information kiosk, education area with seat walls, bench swing, mowed lawn areas, picnic tables, seating, rail fence, trees, and upgrades, a sidewalk and paved parallel parking along Vance Street. *The proposed project is in preliminary design stage and still pending Town approval and agency review.* Thank you for discussing native plants to be included in the project with me. I appreciate your time and knowledge. Please find the NHPA Section 106 review package attached for discussion with your Tribe. Feel free to contact me if you have any questions or concerns. Thank you for your time and assistance.

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.

Gievers, Andrea

From: Gievers, Andrea
Sent: Friday, July 24, 2026 3:47 PM
To: 'hchavis@lumbeetribe.com'
Subject: Pembroke Park - NHPA Section 106 Review
Attachments: NCORR THPO Lumbee Pembroke Park Section 106 pkg.pdf

Dear Mr. Harlen Chavis, Jr.:

The North Carolina Office of Recovery and Resiliency (NCORR, a Division of NC Department of Public Safety) as a recipient of Community Development Block Grant – Mitigation (CDBG-MIT) funds from the United States Department of Housing and Urban Development (HUD) is considering funding this proposed public infrastructure project, **Pembroke Park**, located along Vance Street near First Street West, Pembroke, Robeson County, NC 28372. The proposed project involves new construction of a Town-owned park featuring a bronze turtle sculpture surrounded by garden beds and paths shaped as a giant turtle, playground structures on a safe permeable surface, over 0.16 mile of natural grit partially permeable walking trails and a 0.11-mile loop, pollinator garden, native and medicinal plant gardens, rain garden with retaining wall, interpretive signage, information kiosk, education area with seat walls, bench swing, mowed lawn areas, picnic tables, seating, rail fence, trees, and upgrades, a sidewalk and paved parallel parking along Vance Street. *The proposed project is in preliminary design stage and still pending Town approval and agency review.* Thank you for discussing native plants to be included in the project with me. I appreciate your time and knowledge. Please find the NHPA Section 106 review package attached for discussion with your Tribe. Feel free to contact me if you have any questions or concerns. Thank you for your time and assistance.

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



North Carolina Department of Public Safety

Office of Recovery and Resiliency

Josh Stein, Governor
Jeffrey Smythe, Secretary

Pryor Gibson, Director

July 24, 2026

Mr. Harlen Chavis, Jr.
Tribal Historic Preservation Officer
Lumbee Tribe of North Carolina
171 Comtech Dr.
Pembroke, NC 28372

Sent via email: hchavis@lumbeetribe.com

RE: Section 106 Review - HUD CDBG-MIT Program
Pembroke Park
Vance Street near First Street West
Pembroke, Robeson County, NC 28372

Dear Mr. Chavis, Jr.:

The North Carolina Office of Recovery and Resiliency (NCORR), as a recipient of Community Development Block Grant – Mitigation (CDBG-MIT) funds from the United States Department of Housing and Urban Development (HUD), is serving as the responsible entity for compliance with the HUD environmental review procedures set forth in 24 CFR Part 58. The State of North Carolina was adversely impacted by the landfall of Hurricanes Matthew (October 8, 2016) and Florence (September 14, 2018). NCORR is acting on behalf of HUD in providing the enclosed project information and inviting this discussion with your Tribe. Additionally, NCORR is administering NC Department of Environmental Quality (DEQ), Mitigation Services Division funding awarded for this project.

NCORR processes environmental reviews for proposed projects funded with HUD CDBG-MIT on a case-by-case basis. In accordance with Section 101(d)(6)(B) of the National Historic Preservation Act (NHPA) of 1966, as amended (16 U.S.C. 470f), and its implementing regulations, 36 CFR Part 800, this letter serves as notification of the proposed action. This letter also serves as an invitation to discussion as a consulting party in this review to help identify historic properties in the proposed project area that may have religious and cultural significance to your Tribe, and if such properties exist, to help assess how the proposed project might affect them. If the proposed project might have an adverse effect, we would like to discuss possible ways to avoid, minimize or mitigate potential adverse effects.

Mailing Address:
Post Office Box 110465
Durham, NC 27709



An Equal Opportunity Employer

Phone: (984) 833-5356
www.ncdps.gov
www.rebuild.nc.gov

Proposed Project Location: The Subject Property consists of approximately one acre located along Vance Street near First Street West, Pembroke, Robeson County, NC 28372 (**Attachment 1**). According to the Robeson County Tax Map, the two Town-owned parcels are identified as Parcel ID #350402007 which is 0.2 acres and #350402009 which is 0.6 acres and their adjoining Right-of-Way (ROW) (**Attachment 1**). Paved, parallel parking spaces and a sidewalk will be added along Vance Street for access to the park (**Attachment 1**). There also will be curb, grate and gutter upgrades on Vance Street.

Area of Potential Effects (APE) under §800.16(d): We have defined the aboveground Area of Potential Effect (APE) as the Subject Property. The APE for archaeological sites includes the Subject Property and ROW within the limits of disturbance (LOD) areas. The proposed project will develop approximately one acre located along Vance Street near First Street West, Pembroke, Robeson County, NC 28372 (**Attachment 1**). There will also be upgrades, sidewalk and paved parallel parking spaces added along Vance Street for access to the park (*see* preliminary site plans in **Attachment 1**).

Proposed Project Description: The proposed project involves new construction of a Town-owned park featuring a bronze turtle sculpture surrounded by garden beds and paths shaped as a giant turtle, playground structures on a safe permeable surface, over 0.16 mile of natural grit partially permeable walking trails and a 0.11-mile loop, pollinator garden, native and medicinal plant gardens, rain garden with retaining wall, interpretive signage, information kiosk, education area with seat walls, bench swing, mowed lawn areas, picnic tables, seating, rail fence, trees, and upgrades, a sidewalk and paved parallel parking along Vance Street (**Attachment 1**). *The proposed project is in preliminary design stage and still pending Town approval and agency review.*

The Pembroke Park will preserve the property for public recreation on the walking trails and playground while incorporating educational and flood mitigation components. A Lumbee traditional medicinal plant garden with a rain garden will be installed near the existing drainage ditch. The rain garden provides an informal bioretention, depressed area in the landscape that collects rainwater and allows it to slowly soak into the ground. Rain gardens are a cost-effective and beautiful way to reduce runoff, filter out pollutants and provide food and shelter for butterflies, songbirds and other wildlife. The longleaf pine trees planted along the Subject Property boundary will play a significant role in reducing flood risk by stabilizing soils, slowing water runoff, and improving water infiltration. Therefore, funding for the proposed project will be provided in part by the HUD CDBG-MIT Infrastructure Recovery Program for Hurricanes Matthew and Florence storm recovery activities in North Carolina. Additionally, NCORR is administering NC Department of Environmental Quality (DEQ), Mitigation Services Division funding awarded for this project. The preliminary site plans are included in **Attachment 1**.

We have made a Finding of “*No Historic Properties Affected*” pursuant to 36 CFR 800.4(d)(1) based on the following:

A review of the Subject Property in the National Register of Historic Places (NRHP) and North Carolina State Historic Preservation Office’s (SHPO) HPOWEB and site visit identified two publicly recorded historic properties which are/ were locally designated or

listed in or eligible for inclusion in the State or National Register of Historic Places located on or adjacent to the Subject Property. The *Atlantic Coast Line Signal Manufacturers House* (RB0741) is Surveyed Only. It was built circa 1917 and is located on the west side of Union Chapel Road (Route 1563) to the east of the Subject Property and railroad tracks. The *Pembroke Seaboard Coastline Railroad Depot* (RB0403) is Surveyed Only and no longer present. The former *Railroad Depot* was situated south of the Subject Property between railroad tracks on CSX property. As a part of the proposed project, an interpretive sign is proposed for the *Railroad Depot* near the southern boundary of the Subject Property. No other historic sites were located within the vicinity of the Subject Property and it is not located within a historic district. The results are included in **Attachment 2**.

The Subject Property consists of a vacant mowed lawn with frontage along Vance Street in a residential neighborhood. A small stand of mostly mature Bradford pear trees are situated in the northeast corner near the existing drainage ditch which runs under Vance Street and east towards Bonnie Road. One existing mature pecan tree is located on the southwestern portion of the Subject Property close to Vance Street and West Railroad Street. There are existing overhead transmission lines on the Subject Property ROW along Vance Street. The Subject Property is situated north of the CSX ROW property with railroad tracks closest to the boundary running parallel to College Street and then along Union Chapel Road and southerly tracks that intersect near College Street and Union Chapel Road. The Subject Property photographs are included in **Attachment 3**.

The historical records show the Subject Property and adjacent lots were surveyed and subdivided for single-family housing lots on October 1, 1919 and October 29, 1926 (**Attachment 2**). These R.W. Massey property surveys show the railroad ROW is present along with the train depot and tracks (**Attachment 2**). There is no evidence of buildings or structures historically or currently situated on the Subject Property. Development of the surrounding area has increased over time with the vicinity of the Subject Property changing from primarily agricultural to a mixture of agricultural, residential, and commercial, industrial and government uses. The proposed development will be a Town-owned park and playground with street parking, so there will be minimal clearing and grading.

The Subject Property is surrounded by a mix of single-family and duplex homes, campus housing, commercial, and institutional development. The Subject Property is a vacant lot bordered to the south by the CSX railroad ROW property and tracks then College Street/ Main Street, businesses, Union Chapel Road, the Pembroke Town Hall, Maynor Manor public housing complex, and residences; to the northeast by vacant parcels, the intersection of Vance Street and First Street, chain link fencing, the Pembroke Housing Authority (HA) Maintenance Department building and the Pembroke HA Strickland Heights public housing complex (100 units) on Roberts Avenue; to the northwest by residences, College Manor Apartments on Barker Street, The Retreat at Pembroke apartment complex, the UNCP campus and housing, and numerous commercial facilities; to the east by First Street West/ Bonnie Road, then Union Chapel Road, residences and businesses including Lumbee Caskets and Granite, A New Horizon LLC (Home Care), Speech Solutions Inc., and Robin's Beauty Salon, and Pembroke First Baptist Church; and to the west by Vance Street. The UNCP campus is located approximately 2,310 feet northwest of the Subject Property.

The proposed project information has been sent to the NC SHPO and the Catawba Indian Nation in accordance with Section 106 of the NHPA and its implementing regulations, 36 CFR Part 800. With this letter, NCORR respectfully submits for your review the attached documentation for the proposed project described herein. If the APE encompasses historic properties of religious or cultural significance to your Tribe, please respond within 30 days of receipt of this letter indicating a desire to consult. If you have any concerns with potential impacts of the proposed project on historic properties, please note them in your response along with your preferred principal representative's point of contact. Please respond within this timeframe, otherwise we will assume that the proposed project will have no effect to historic properties of religious or cultural significance. Please respond via email at Andrea.L.Gievers@Rebuild.NC.gov.

If you have any questions or require additional information regarding this request, please feel free to contact Andrea Gievers at (845) 682-1700 or via email at Andrea.L.Gievers@Rebuild.NC.gov.

Thank you for your time and assistance.

Sincerely,



Andrea Gievers, JD, MSEL, ERM
NCORR Environmental Subject Matter Expert

Proposed Project Enclosures:

Attachment 1: Proposed Project Location Maps and Preliminary Site Plans

Attachment 2: Proposed Project NRHP and NC HPOWEB Maps and Historic Data

Attachment 3: Subject Property Photographs

cc: Chairman John Lowery, Lumbee Tribe of North Carolina, P.O. Box 2709, Pembroke, NC
28372

Section 106 ATTACHMENT 1:

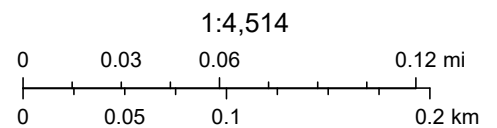
**Proposed Project Location Maps
and Preliminary Site Plans**

Pembroke Park - Aerial Map



July 15, 2026

 Pembroke Park



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, NC CGIA, Vantor

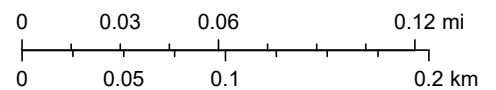
Pembroke Park - Street Map



July 15, 2026

 Pembroke Park

1:4,514



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community

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XREF: RobCo-26.01 - Pembroke Pocket Park - g01tab01; IMAGE: L:\RobCo-26.01 - Pembroke Pocket Park\800 Drawings\810 Design Drawings\02 Civil\RobCo-20.01 - Pembroke Pocket Park Design.dwg; Last Saved By: PERRY, 6/18/2026 3:06:33 PM; Layout ALT 3 RENDER (2); Plotted By: Perry Harrison, 06/18/26 03:16:16 PM



REVISIONS			
SYM.	DESCRIPTION	DATE	BY

PRELIMINARY - DO NOT USE FOR CONSTRUCTION

LKC Engineering, PLLC
390 W. Pennsylvania Avenue
Southern Pines, NC 28387
910.420.1437
lkceengineering.com
License No. P-1095

Engineering
Landscape Architecture
Surveying

LKC

PEMBROKE POCKET
PARK CONCEPT

Pocket Park
Town of Pembroke
Robeson County, North Carolina

DATE: May, 2026
DESIGNED:
DRAWN:
CHECKED:
NO.

10 0 20
SCALE IN FEET

Section 106 ATTACHMENT 2:

**Proposed Project NRHP and
NC HPOWEB Maps**

Pembroke Park - National Register of Historic Places Map



July 21, 2026

-  Pembroke Park
-  National Register of Historic Places

1:18,056

0 0.13 0.25 0.5 mi

0 0.2 0.4 0.8 km

Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, EPA OEI, OFA, NC CGIA, Vantor

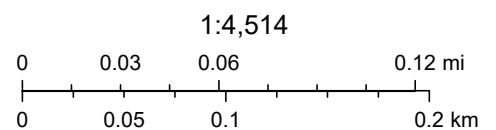
NCHPO HPOWEB



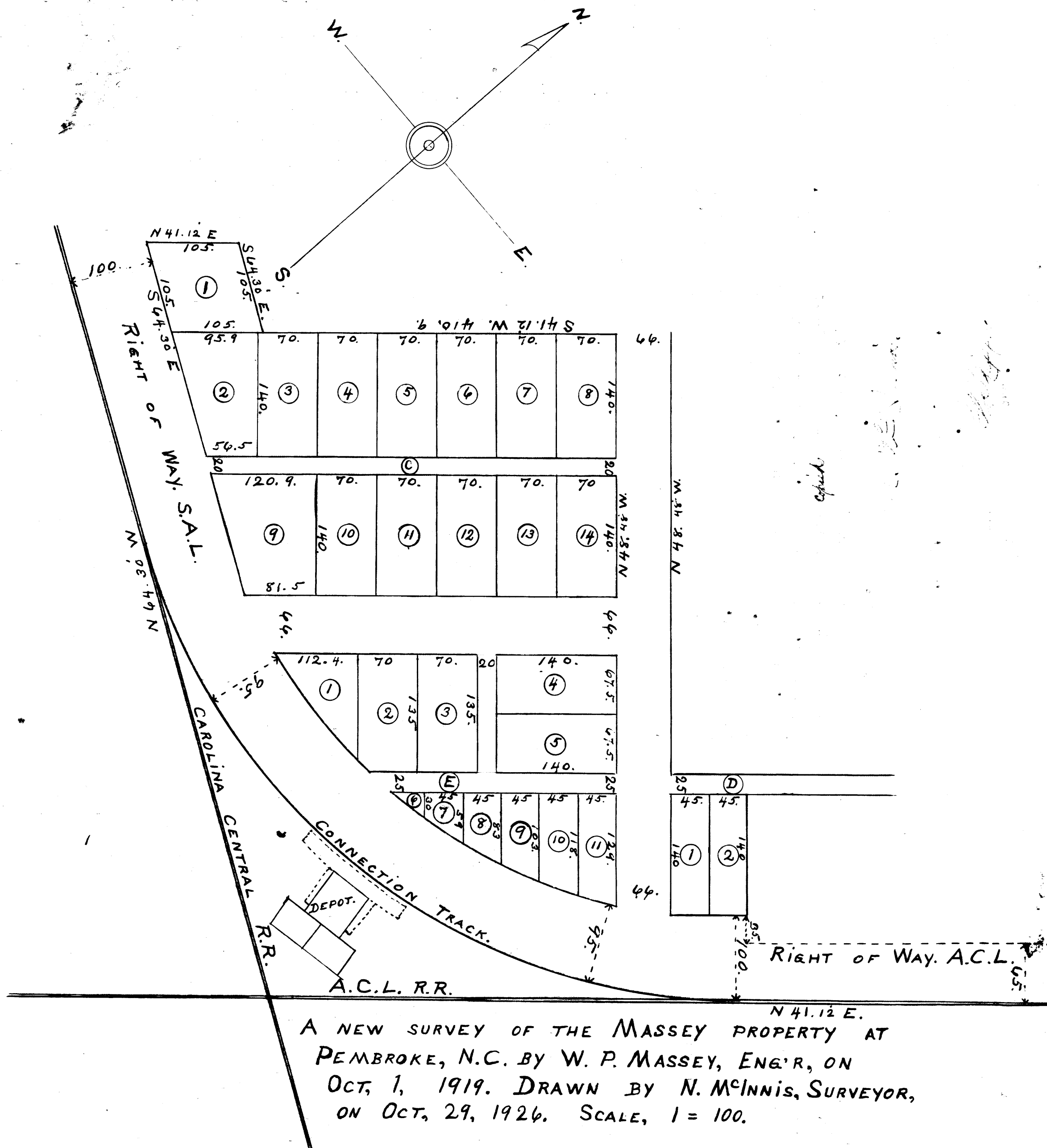
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Surveyed individual resources & centerpoints

-  Surveyed Only
-  Surveyed Only, Gone
-  Counties (outline)



Source: Esri, USDA FSA



HPO #	Resource	Address	Location	County	Built	Associated Rail System
FY9257	Norfolk Southern Railroad Deck Plate Overpass Girder Bridge over N Broad Street and Northwest Boulevard	N Broad St and Northwest Boulevard	Winston-Salem	Forsyth	1961	NS
FY9258	Norfolk Southern Railroad Deck Plate Girder Overpass Bridge Over E. Northwest Boulevard	Over E. Northwest Boulevard	Winston-Salem	Forsyth	ca. 1925	NS
FY9259	Norfolk Southern Railroad Overpass Bridge Over Indiana Avenue	Over Indiana Avenue	Winston-Salem	Forsyth	ca.1928	NS
GF9167	Norfolk Southern Railway Overpass Bridge Over Elm Street	Over Elm Street	Greensboro	Guilford	ca. 1920	NS
GF9168	Norfolk Southern Railway and North Carolina Railroad Overpass Bridge Over Fulton Street	Over Fulton Street	Greensboro	Guilford	1907	NS
GF9169	Norfolk Southern Railway and North Carolina Railroad Overpass Bridge Over Tate Street	Over Tate Street	Greensboro	Guilford	ca. 1920	NS
GF9170	Norfolk Southern Railway and North Carolina Railroad Overpass bridge of Abandoned NS Branch/Downtown Greenway	Over abandoned NS Branch near Eugene Court (to the north), Downtown Greenway goes under	Greensboro	Guilford	1928	NS
GF9171	Southern Railway Pomona Rail Yard	Oakland Avenue	Greensboro	Guilford	ca. 1927	NS
GF9172	Southern Railway Pomona Rail Yard Office	Oakland Avenue	Greensboro	Guilford	ca. 1927	NS
GF9173	Norfolk Southern Railway and North Carolina Railroad Overpass Bridge, Over S. Holden Road (SR1392)	Over S. Holden Road	Greensboro	Guilford	ca. 1950	NS
GF9174	High Point, Randleman, Asheboro & Southern RR Co. Pile Trestle over Richland Creek	over Richland Creek north of I-85 and on the east side of Jarrell Street	High Point	Guilford	ca. 1927	NS
HT1245	Atlantic and Western Railway/ Norfolk Southern Railroad Lillington Station (moved)	101 E. Duncan Street	Lillington	Harnett	ca. 1910	NS
HF1696	Ahoskie Rail Freight Depot and Yard	Catherine Street	Ahoskie	Hertford	ca. 1970	CSX
MR1429	Norfolk Southern Railway Overpass Bridge over Beulah Hill Road S (NC5) (NCDOT Bridge # 620029)	South of Intersection of Beulah Hill Road N and Cherokee Road	Pinehurst	Moore	ca. 1935	NS
NS1567	W. Nash Street Railroad Crossing	W. Nash Street	Spring Hope	Nash	ca. 1886	CSX
NS1568	Atlantic Coast Railroad Depot Historic District	101, 107–111 Coastline Street	Rocky Mount	Nash	1903–1972	CSX
OR3238	North Carolina Railroad Brick Arch Culvert	over branch leading to Eno River	Hillsborough	Orange	ca. 1855	NCRR/NS
PT3361	Atlantic Coast Line Bridge over Tar River	over Tar River	Greenville	Pitt	1952	CSX
RH0753	CSX Hamlet Rail Yard	176–361 CSX Drive	Hamlet	Richmond	ca. 1954	CSX
RH0754	CSX Hamlet Rail Yard Office and Hump Tower	176–361 CSX Drive	Hamlet	Richmond	ca. 1954	CSX
RH0755	CSX Hamlet Rail Yard Pedestrian Tunnel	176–361 CSX Drive	Hamlet	Richmond	ca. 1954	CSX
RH0756	CSX Hamlet Rail Yard Car Shop	176–361 CSX Drive	Hamlet	Richmond	ca. 1954	CSX
RH0757	CSX Hamlet Rail Yard Water Tower	176–361 CSX Drive	Hamlet	Richmond	ca. 1954	CSX
RB0740	Atlantic Coast Line Railroad Underpass Bridge Carrying Alt Route 74 (NCDOT # 770014)	Carrying Alt Route 74	Pembroke	Robeson	1948	CSX
RB0741	Atlantic Coast Line Signal Manufacturers House	West Side of Union Chapel Road (Route 1563)	Pembroke	Robeson	ca. 1917	CSX

Section 106 ATTACHMENT 3:

Subject Property Photographs

PEMBROKE PARK PROJECT



36. Pembroke - Project Site Area, Facing North



PEMBROKE PARK PROJECT



PEMBROKE PARK PROJECT



30 - Pembroke - Project Site, facing North



25. Pembroke - Ornamental Bradford Pears, facing West

PEMBROKE PARK PROJECT



PEMBROKE PARK PROJECT



ATTACHMENT 13:

Sole Source Aquifers

EPA Sole Source Aquifer Map

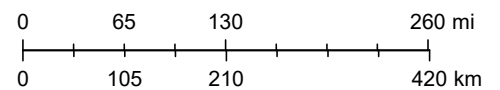
EPA Sole Source Aquifer Map



May 21, 2026

 Sole_Source_Aquifers

1:9,244,649



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community

ATTACHMENT 14:

Wetlands Protection

USFWS NWI Map and USACE
Jurisdictional Determination Request and
correspondence

Pembroke Park - NWI Wetlands Map

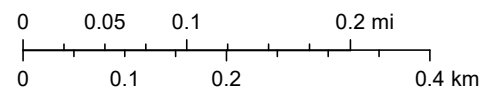


July 16, 2026

Wetlands

-  Freshwater Forested/Shrub Wetland
-  Riverine
-  Pembroke Park

1:9,028



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, NC CGIA, Vantor

Jurisdictional Determination Request



US Army Corps
of Engineers
Wilmington District

This form is intended for use by anyone requesting a jurisdictional determination (JD) from the U.S. Army Corps of Engineers, Wilmington District (Corps). Please include all supporting information, as described within each category, with your request. You may submit your request via mail, electronic mail, or facsimile. Requests should be sent to the appropriate project manager of the county in which the property is located. A current list of project managers by assigned counties can be found on-line at:

<http://www.saw.usace.army.mil/Missions/RegulatoryPermitProgram/Contact/CountyLocator.aspx>, by calling 910-251-4633, or by contacting any of the field offices listed below. Once your request is received you will be contacted by a Corps project manager.

ASHEVILLE & CHARLOTTE REGULATORY FIELD OFFICES

US Army Corps of Engineers
151 Patton Avenue, Room 208
Asheville, North Carolina 28801-5006
General Number: (828) 271-7980
Fax Number: (828) 281-8120

WASHINGTON REGULATORY FIELD OFFICE

US Army Corps of Engineers
2407 West Fifth Street
Washington, North Carolina 27889
General Number: (910) 251-4610
Fax Number: (252) 975-1399

RALEIGH REGULATORY FIELD OFFICE

US Army Corps of Engineers
3331 Heritage Trade Drive, Suite 105
Wake Forest, North Carolina 27587
General Number: (919) 554-4884
Fax Number: (919) 562-0421

WILMINGTON REGULATORY FIELD OFFICE

US Army Corps of Engineers
69 Darlington Avenue
Wilmington, North Carolina 28403
General Number: 910-251-4633
Fax Number: (910) 251-4025

INSTRUCTIONS:

All requestors must complete Parts A, B, C, D, E, F and G.

NOTE TO CONSULTANTS AND AGENCIES: If you are requesting a JD on behalf of a paying client or your agency, please note the specific submittal requirements in **Part H**.

NOTE ON PART D – PROPERTY OWNER AUTHORIZATION: Please be aware that all JD requests must include the current property owner authorization for the Corps to proceed with the determination, which may include inspection of the property when necessary. This form must be signed by the current property owner(s) or the owner(s) authorized agent to be considered a complete request.

NOTE ON PART D - NCDOT REQUESTS: Property owner authorization/notification for JD requests associated with North Carolina Department of Transportation (NCDOT) projects will be conducted according to the current NCDOT/USACE protocols.

NOTE TO USDA PROGRAM PARTICIPANTS: A Corps approved or preliminary JD may not be valid for the wetland conservation provisions of the Food Security Act of 1985. If you or your tenant are USDA Program participants, or anticipate participation in USDA programs, you should also request a certified wetland determination from the local office of the Natural Resources Conservation Service, prior to starting work.

Jurisdictional Determination Request

A. PARCEL INFORMATION

Street Address: Vance Street near First Street West

City, State: Pembroke, NC

County: Robeson

Parcel Index Number(s) (PIN): PID #350402007 & #350402009

B. REQUESTOR INFORMATION

Name: Tyler Thomas

Mailing Address: Pembroke Town Hall
PO Box 866

Telephone Number: Pembroke, NC 28372

Electronic Mail Address: tyler@pembrokenc.gov

Select one:

- ☐ I am the current property owner.
- ☐ I am an Authorized Agent or Environmental Consultant¹
- ☐ Interested Buyer or Under Contract to Purchase
- ☒ Other, please explain. Town Manager (authority to sign)
2 Town-owned parcels (approx. 1 acre)

C. PROPERTY OWNER INFORMATION²

Name: Town of Pembroke

Mailing Address: PO Box 866
Pembroke, NC 28372

Telephone Number: (910) 521-9758

Electronic Mail Address: tyler@pembrokenc.gov

¹ Must provide completed Agent Authorization Form/Letter.

² Documentation of ownership also needs to be provided with request (copy of Deed, County GIS/Parcel/Tax Record).

Jurisdictional Determination Request

D. PROPERTY ACCESS CERTIFICATION^{3,4}

By signing below, I authorize representatives of the Wilmington District, U.S. Army Corps of Engineers (Corps) to enter upon the property herein described for the purpose of conducting on-site investigations, if necessary, and issuing a jurisdictional determination pursuant to Section 404 of the Clean Water Act and/or Section 10 of the Rivers and Harbors Act of 1899. I, the undersigned, am either a duly authorized owner of record of the property identified herein, or acting as the duly authorized agent of the owner of record of the property.

Tyler Thomas, Town Manager

Print Name

Capacity: ☒ Owner ☐ Authorized Agent⁵

8/27/2026

Date

Signed by:

Tyler Thomas

Signature

DB133962ECA44A...

E. REASON FOR JD REQUEST: (Check as many as applicable)

- ☒ I intend to construct/develop a project or perform activities on this parcel which would be designed to avoid all aquatic resources.
- ☒ I intend to construct/develop a project or perform activities on this parcel which would be designed to avoid all jurisdictional aquatic resources under Corps authority.
- ☐ I intend to construct/develop a project or perform activities on this parcel which may require authorization from the Corps, and the JD would be used to avoid and minimize impacts to jurisdictional aquatic resources and as an initial step in a future permitting process.
- ☐ I intend to construct/develop a project or perform activities on this parcel which may require authorization from the Corps; this request is accompanied by my permit application and the JD is to be used in the permitting process.
- ☐ I intend to construct/develop a project or perform activities in a navigable water of the U.S. which is included on the district Section 10 list and/or is subject to the ebb and flow of the tide.
- ☐ A Corps JD is required in order obtain my local/state authorization.
- ☐ I intend to contest jurisdiction over a particular aquatic resource and request the Corps confirm that jurisdiction does/does not exist over the aquatic resource on the parcel.
- ☐ I believe that the site may be comprised entirely of dry land.
- ☒ Other: Pembroke Park will preserve the property for public recreation and habitat

³ For NCDOT requests following the current NCDOT/USACE protocols, skip to Part E.

⁴ If there are multiple parcels owned by different parties, please provide the following for each additional parcel on a continuation sheet.

⁵ Must provide agent authorization form/letter signed by owner(s).

Jurisdictional Determination Request

F. JURISDICTIONAL DETERMINATION (JD) TYPE (Select One)

☐ I am requesting that the Corps provide a preliminary JD for the property identified herein.

A Preliminary Jurisdictional Determination (PJD) provides an indication that there may be “waters of the United States” or “navigable waters of the United States” on a property. PJDs are sufficient as the basis for permit decisions. For the purposes of permitting, all waters and wetlands on the property will be treated as if they are jurisdictional “waters of the United States”. PJDs cannot be appealed (33 C.F.R. 331.2); however, a PJD is “preliminary” in the sense that an approved JD can be requested at any time. PJDs do not expire.

☐ I am requesting that the Corps provide an approved JD for the property identified herein.

An Approved Jurisdictional Determination (AJD) is a determination that jurisdictional “waters of the United States” or “navigable waters of the United States” are either present or absent on a site. An approved JD identifies the limits of waters on a site determined to be jurisdictional under the Clean Water Act and/or Rivers and Harbors Act. Approved JDs are sufficient as the basis for permit decisions. AJDs are appealable (33 C.F.R. 331.2). The results of the AJD will be posted on the Corps website. A landowner, permit applicant, or other “affected party” (33 C.F.R. 331.2) who receives an AJD may rely upon the AJD for five years (subject to certain limited exceptions explained in Regulatory Guidance Letter 05-02).

☐ I am unclear as to which JD I would like to request and require additional information to inform my decision.

G. ALL REQUESTS

☐ Map of Property or Project Area. This Map must clearly depict the boundaries of the review area.

☐ Size of Property or Review Area _____ acres.

☐ The property boundary (or review area boundary) is clearly physically marked on the site.

Jurisdictional Determination Request

H. REQUESTS FROM CONSULTANTS

☐

Project Coordinates (Decimal Degrees): Latitude: _____
Longitude: _____

☐

A legible delineation map depicting the aquatic resources and the property/review area. Delineation maps must be no larger than 11x17 and should contain the following: (Corps signature of submitted survey plats will occur after the submitted delineation map has been reviewed and approved).⁶

- North Arrow
- Graphical Scale
- Boundary of Review Area
- Date
- Location of data points for each Wetland Determination Data Form or tributary assessment reach.

For Approved Jurisdictional Determinations:

- Jurisdictional wetland features should be labeled as Wetland Waters of the US, 404 wetlands, etc. Please include the acreage of these features.
- Jurisdictional non-wetland features (i.e. tidal/navigable waters, tributaries, impoundments) should be labeled as Non-Wetland Waters of the US, stream, tributary, open water, relatively permanent water, pond, etc. Please include the acreage or linear length of each of these features as appropriate.
- Isolated waters, waters that lack a significant nexus to navigable waters, or non-jurisdictional upland features should be identified as Non-Jurisdictional. Please include a justification in the label regarding why the feature is non-jurisdictional (i.e. “Isolated”, “No Significant Nexus”, or “Upland Feature”). Please include the acreage or linear length of these features as appropriate.

For Preliminary Jurisdictional Determinations:

- Wetland and non-wetland features should not be identified as Jurisdictional, 404, Waters of the United States, or anything that implies jurisdiction. These features can be identified as Potential Waters of the United States, Potential Non-wetland Waters of the United States, wetland, stream, open water, etc. Please include the acreage and linear length of these features as appropriate.

☐

Completed Wetland Determination Data Forms for appropriate region
(at least one wetland and one upland form needs to be completed for each wetland type)

⁶ Please refer to the guidance document titled “Survey Standards for Jurisdictional Determinations” to ensure that the supplied map meets the necessary mapping standards. <http://www.saw.usace.army.mil/Missions/Regulatory-Permit-Program/Jurisdiction/>

Jurisdictional Determination Request

- ☐ Completed appropriate Jurisdictional Determination form
 - **PJDs**, please complete a Preliminary Jurisdictional Determination Form⁷ and include the Aquatic Resource Table
 - **AJDs**, please complete an Approved Jurisdictional Determination Form⁸
- ☐ Vicinity Map
- ☐ Aerial Photograph
- ☐ USGS Topographic Map
- ☐ Soil Survey Map
- ☐ Other Maps, as appropriate (e.g. National Wetland Inventory Map, Proposed Site Plan, previous delineation maps, LIDAR maps, FEMA floodplain maps)
- ☐ Landscape Photos (if taken)
- ☐ NCSAM and/or NCWAM Assessment Forms and Rating Sheets
- ☐ NC Division of Water Resources Stream Identification Forms
- ☐ Other Assessment Forms

⁷ www.saw.usace.army.mil/Portals/59/docs/regulatory/regdocs/JD/RGL_08-02_App_A_Prelim_JD_Form_fillable.pdf

⁸ Please see <http://www.saw.usace.army.mil/Missions/Regulatory-Permit-Program/Jurisdiction/>

Principal Purpose: The information that you provide will be used in evaluating your request to determine whether there are any aquatic resources within the project area subject to federal jurisdiction under the regulatory authorities referenced above.

Routine Uses: This information may be shared with the Department of Justice and other federal, state, and local government agencies, and the public, and may be made available as part of a public notice as required by federal law. Your name and property location where federal jurisdiction is to be determined will be included in the approved jurisdictional determination (AJD), which will be made available to the public on the District's website and on the Headquarters USAGE website.

Disclosure: Submission of requested information is voluntary; however, if information is not provided, the request for an AJD cannot be evaluated nor can an AJD be issued.



Gievers, Andrea

From: Gievers, Andrea
Sent: Wednesday, September 2, 2026 4:01 PM
To: 'Beecher, Gary H CIV USARMY CESAW (USA)'
Subject: RE: [External] RE: Pembroke Park Project
Attachments: Attachment 1 Project Location Maps and Site Plans.pdf; Attachment 1A Site Visit Photographs.pdf; USACE JD REQUEST FORM_Pembroke Park_signed.pdf

Hi Gary:

The Town Manager signed on behalf of the Town, and I am attaching the Maps, Plans, and new Site Photos taken yesterday. Please let me know if you need anything else. Thank you so much!

Sincerely,

Andrea Gievers

From: Beecher, Gary H CIV USARMY CESAW (USA) <Gary.H.Beecher@usace.army.mil>
Sent: Thursday, August 13, 2026 6:13 AM
To: Gievers, Andrea <andrea.l.gievers@rebuild.nc.gov>
Subject: RE: [External] RE: Pembroke Park Project

CAUTION: External email. Do not click links or open attachments unless verified. Report suspicious emails with the Report Message button located on your Outlook menu bar on the Home tab.

Andrea,

Can you fill out the attached form.
Pages 2 & 3 are the most important.

In addition:

Who is the applicant?
Will need address, email, phone number etc.

Thanks,
GHB



Gary Beecher
USACE Wilmington Field Office
Regulatory Project Manager
Office (910) 251-4694
gary.h.beecher@usace.army.mil

rrs.usace.army.mil



[USACE RRS Promo 90-sec \(youtube.com\)](#)

Thank you in advance for completing our on-line Regulatory Service Survey located at <https://regulatory.ops.usace.army.mil/customer-service-survey/>. We value your comments and appreciate you taking the time to complete a survey each time you have an interaction with our office.

E-PCN-Submittal

https://edocs.deq.nc.gov/Forms/Pre-Construction_Notification_Form

PJDs, Wetland Delineation Concurrence & JD's.

<http://saw-reg.usace.army.mil/JD/FINALSAW-JD-REQUEST-FORM-20170508.pdf>

Submittal You may submit requests via e-mail in PDF format to

WilmingtonNCREG@usace.army.mil

From: Gievers, Andrea <andrea.l.gievers@rebuild.nc.gov>

Sent: Wednesday, August 12, 2026 4:37 PM

To: Beecher, Gary H CIV USARMY CESAW (USA) <Gary.H.Beecher@usace.army.mil>

Subject: [Non-DoD Source] RE: [External] RE: Pembroke Park Project

Yes, that would be great. We are not proposing work to the ditch (and most of the ditch is located offsite). I just made the engineer and team confirm again. Thanks so much, Gary!

Sincerely,

Andrea Gievers

From: Beecher, Gary H CIV USARMY CESAW (USA) <Gary.H.Beecher@usace.army.mil>

Sent: Wednesday, August 12, 2026 12:46 PM

To: Gievers, Andrea <andrea.l.gievers@rebuild.nc.gov>

Subject: [External] RE: Pembroke Park Project

CAUTION: External email. Do not click links or open attachments unless verified. Report suspicious emails with the Report Message button located on your Outlook menu bar on the Home tab.

Andrea,

Do you need a "No Permit Required" document from the Corps for this project?

From what I can tell (from your picture) that ditch would be called a jurisdictional water of the US. (WOTUS).

Doesn't look like the project has any proposed impacts? I don't really see a wetland on the lidar map.

PEMBROKE PARK PROJECT



Respectfully,
GHB



Gary Beecher
USACE Wilmington Field Office
Regulatory Project Manager
Office (910) 251-4694
gary.h.beecher@usace.army.mil

rrs.usace.army.mil



[USACE RRS Promo 90-sec \(youtube.com\)](https://www.youtube.com/watch?v=...)

Thank you in advance for completing our on-line Regulatory Service Survey located at <https://regulatory.ops.usace.army.mil/customer-service-survey/>. We value your comments and appreciate you taking the time to complete a survey each time you have an interaction with our office.

E-PCN-Submittal

[https://edocs.deq.nc.gov/Forms/Pre-Construction Notification Form](https://edocs.deq.nc.gov/Forms/Pre-Construction_Notification_Form)

PJDs, Wetland Delineation Concurrence & JD's.

<http://saw-reg.usace.army.mil/JD/FINALSAW-JD-REQUEST-FORM-20170508.pdf>

Submittal You may submit requests via e-mail in PDF format to

WilmingtonNCREG@usace.army.mil

From: Gievers, Andrea <andrea.l.gievers@rebuild.nc.gov>
Sent: Thursday, August 6, 2026 2:47 PM
To: Beecher, Gary H CIV USARMY CESAW (USA) <Gary.H.Beecher@usace.army.mil>
Subject: [Non-DoD Source] Pembroke Park Project

Hi Gary:

The North Carolina Office of Recovery and Resiliency (NCORR) as a recipient of Community Development Block Grant – Mitigation (CDBG-MIT) funds from the United States Department of Housing and Urban Development (HUD) is considering funding this proposed Infrastructure Recovery Program project, **Pembroke Park, along Vance Street near First Street West, Pembroke, Robeson County, NC 28372**. Additionally, NCORR is administering NC DEQ Mitigation Services Division funding awarded for this project. This Town-owned park and playground will be constructed on a vacant mowed lawn with frontage along Vance Street situated north of the CSX ROW property with railroad tracks. The Hurricane Matthew Resilient Redevelopment Plan for Robeson County dated May 2017 identified stormwater repairs and improvements as a high priority to address local flooding. The County, Town, and NCORR *previously* explored various designs to daylight and/or upgrade the existing underground culvert and drainage ditch (NWI riverine) located partially on the Subject Property to address and mitigate future flooding events. Ultimately, *CSX rejected the project* after reviewing plans stating **“CSXT will accept no increase in flow rate onto its property and into its trackside ditch”** in November 2022. There were subsequent unsuccessful attempts to purchase the two vacant adjoining parcels or easements. The current proposed project as designed will provide a community resource in a Town-owned park and playground with educational and flood mitigation components.

According to the USFWS NWI Map, there is a drainage ditch identified as a riverine located on the Subject Property (*attached*). During the site visits, wetlands were not identified on the Subject Property (*attached*). During a site visit, a potential 0.05-acre offsite isolated wetland was identified within the CSX ROW but **outside of the Subject Property and proposed project’s footprint**. This wetland was likely created by poor drainage into the existing stormwater culvert. The proposed project involves new construction of a Town-owned park featuring a bronze turtle sculpture surrounded by garden beds and paths shaped as a giant turtle, playground structures on a safe permeable surface, over 0.16 mile of natural grit partially permeable walking trails and a 0.11-mile loop, pollinator garden, native and medicinal plant gardens, rain garden with retaining wall, interpretive signage, information kiosk, education area with seat walls, bench swing, mowed lawn areas, picnic tables, seating, rail fence, trees, and upgrades, a sidewalk and paved parallel parking along Vance Street (*attached*). **The proposed project is in preliminary design stage and still pending Town approval and agency review.**

The proposed project will preserve and construct habitat for local wildlife and educate the public on the importance of native plants to the Lumbee Tribe of NC through interpretive signage and an information kiosk. A Lumbee traditional medicinal plant garden with a rain garden will be installed near the existing drainage ditch. The rain garden provides an informal bioretention, depressed area in the landscape that collects rainwater and allows it to slowly soak into the ground. Rain gardens are a cost-effective and beautiful way to reduce runoff, filter out pollutants and provide food and shelter for butterflies, songbirds and other wildlife. The longleaf pine trees planted along the Subject Property boundary will play a significant role in reducing flood risk by stabilizing soils, slowing water runoff, and improving water infiltration. The proposed project is designed to have no or minimal direct or indirect impacts to offsite wetlands. BMPs will be utilized such as using native plants for site restoration and silt fencing to prevent significant erosion and minimize potential impacts to wetlands. The proposed project activities will be completed in accordance with all applicable federal, State, and local laws, regulations, and permit requirements and conditions.

If you have any questions or require additional information regarding this request, please feel free to contact me at (845) 682-1700 or via email at Andrea.L.Gievers@Rebuild.NC.gov. Thank you for your time and assistance, Gary.

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.

The following figures have been reduced from their original size

ATTACHMENT 1:

Proposed Project Location Maps and Site Plans

Pembroke Park - Aerial Map



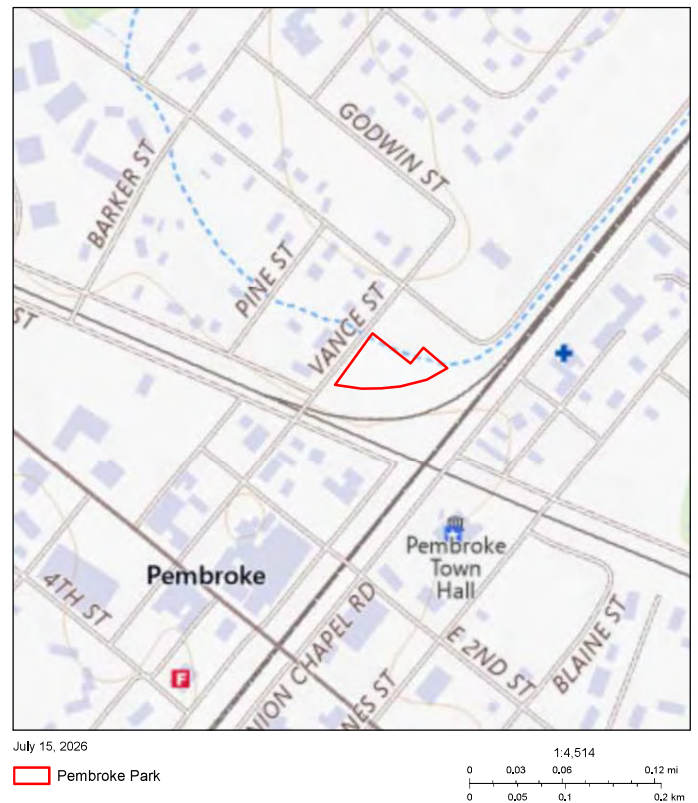
Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, NC CGIA, Vantor

Pembroke Park - Street Map



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community

Pembroke Park - Topographic Map



USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems, U.S. Census Bureau TIGERline data, USFS Road data, Natural Earth Data, U.S.

County of Robeson, NC



MAPNO	350402007
PIN_NUMBER	934329322900
PARCELTYPE	Base Parcel
CONFLICTNOTATION	
DEEDEDACRES	4
OWNERTYPE	null
STATUS	null
OLDMAPNO	3504-02-007
NUMMOD	null
LOT	null
NBHD_CODE	35011
TAX_YEAR	2025
PAR_CODE	
MAP	9343
SUBMAP	
BLOCK	29
PARCEL	3229
SUBPARCEL	00
PHYLOCAT	87664
CITYCODE	
ROUTENUM	0
OWNERID	47114014
CUROWNID	47114014

RECTYPE	null
SALEAMT	0
SALEINST	
DEEDSTMP	0

OWNAMI	
OWNAM2	
OWNAM3	
OWADR1	
OWADR2	
OWADR3	
OWADR4	
OWCITY	PEMBROKE
OWSTATE	NC
OWZIP	28372
STNUM	0
STSUFFIX	
STDIR	
STNAME	.
STTYPE	
STDIRSUF	
UNITNO	
DEEDACRE	0.2
MAPACRE	0.2
DISTCODE	55
TOWNCODE	35
PARDESC3	
PARDESC1	E-70
NBHCLASS	
NBHCODE	35011
EXEMCODE	E70
DEEDBOOK	
DEEDPAGE	
DEEDYEAR	0
PLATBOOK	
PLATPAGE	
DATESOLD	0
LEGDESC1	LT 6 9 BLE MASSEY SD
LEGDESC2	
LEGDESC3	
PARDESC4	
GROUPPAR	934329322900
REQREVIEW	
PHYSTRADR	.
SCHCODE	0
AREACODE	1
LNDSVCUR	9600
IMPASVCUR	0
QUALCODE	

TOWN OF PEMBROKE

PO BOX 866

PEMBROKE

NC

28372

0

0.2

0.2

55

35

E-70

35011

E70

0

LT 6 9 BLE MASSEY SD

934329322900

County of Robeson, NC



MAPNO	350402009
PIN_NUMBER	934329135000
PARCELTYPE	Base Parcel
CONFLICTNOTATION	
DEEDEDACRES	3
OWNERTYPE	null
STATUS	null
OLDMAPNO	3504-02-009
NUMMOD	null
LOT	null
NBHD_CODE	35011
TAX_YEAR	2025
PAR_CODE	
MAP	9343
SUBMAP	
BLOCK	29
PARCEL	1350
SUBPARCEL	00
PHYLOCAT	56469
CITYCODE	
ROUTENUM	0
OWNERID	47114013
CUROWNID	47114013

RECTYPE	null
SALEAMT	0
SALEINST	
DEEDSTMP	0



Pembroke Park - NWI Wetlands Map

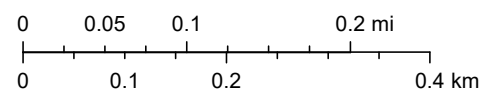


July 16, 2026

Wetlands

-  Freshwater Forested/Shrub Wetland
-  Riverine
-  Pembroke Park

1:9,028



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, NC CGIA, Vantor

ATTACHMENT 1A:

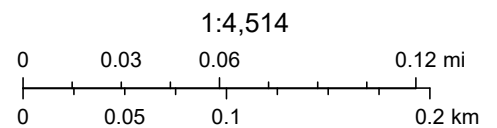
Site Visit Photographs

Pembroke Park - Aerial Map



July 15, 2026

 Pembroke Park



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, NC CGIA, Vantor

PEMBROKE PARK PROJECT



36. Pembroke - Project Site Area, Facing North



PEMBROKE PARK PROJECT



PEMBROKE PARK PROJECT



30 - Pembroke - Project Site, facing North



25. Pembroke - Ornamental Bradford Pears, facing West

PEMBROKE PARK PROJECT



PEMBROKE PARK PROJECT

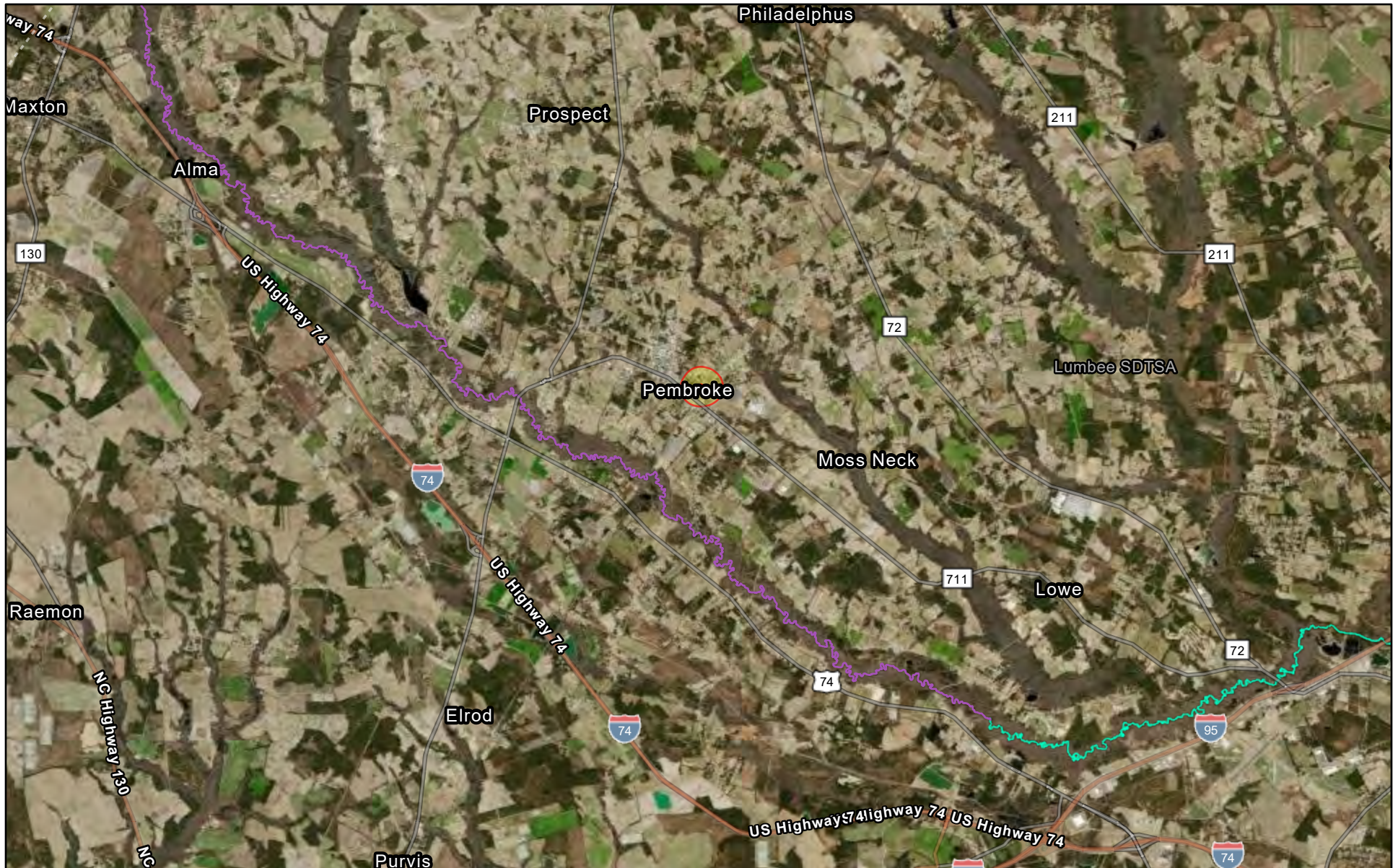


ATTACHMENT 15:

Wild and Scenic Rivers

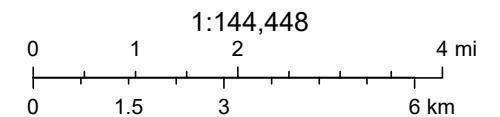
DOI NPS Nationwide Rivers Inventory and National
Wild and Scenic Rivers System Maps Showing 0.25-
mile Buffer and Distance from Closest WSR to Subject
Property

Pembroke Park - NRI and WSR Map Showing 0.25-mile Buffer



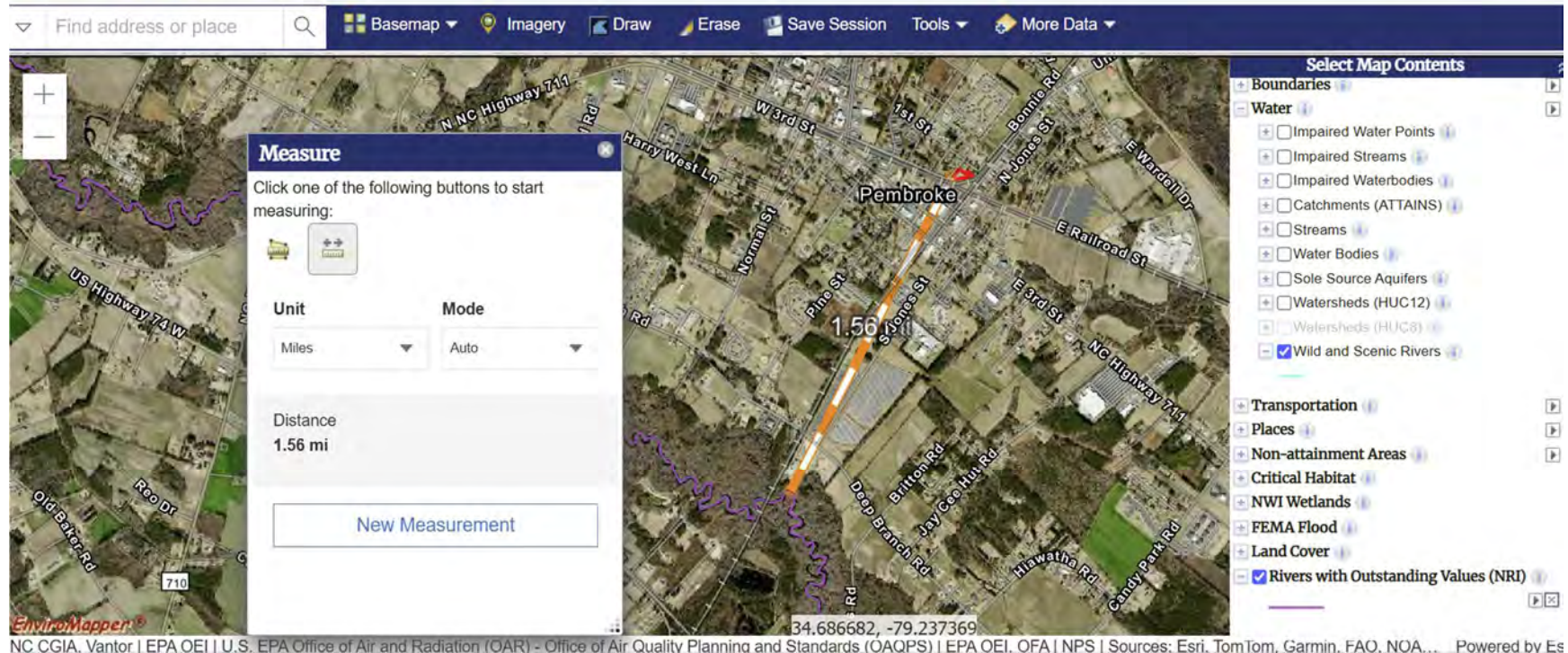
July 21, 2026

- Project Buffer
- Pembroke Park
- Rivers with Outstanding Values (NRI)
- Wild and Scenic Rivers



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, NC CGIA, Earthstar Geographics

DOI NPS Nationwide Rivers Inventory and National Wild and Scenic Rivers System Map Showing Distance from Closest WSR to Subject Property



ATTACHMENT 16:

Conformance with Plans / Compatible Land Use and Zoning / Scale and Urban Design

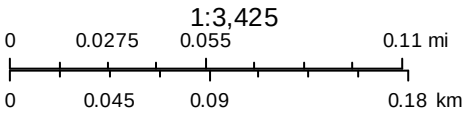
Zoning Map, Future Land Use Map, and
Zoning Certification and Correspondence

Pembroke Park - Zoning



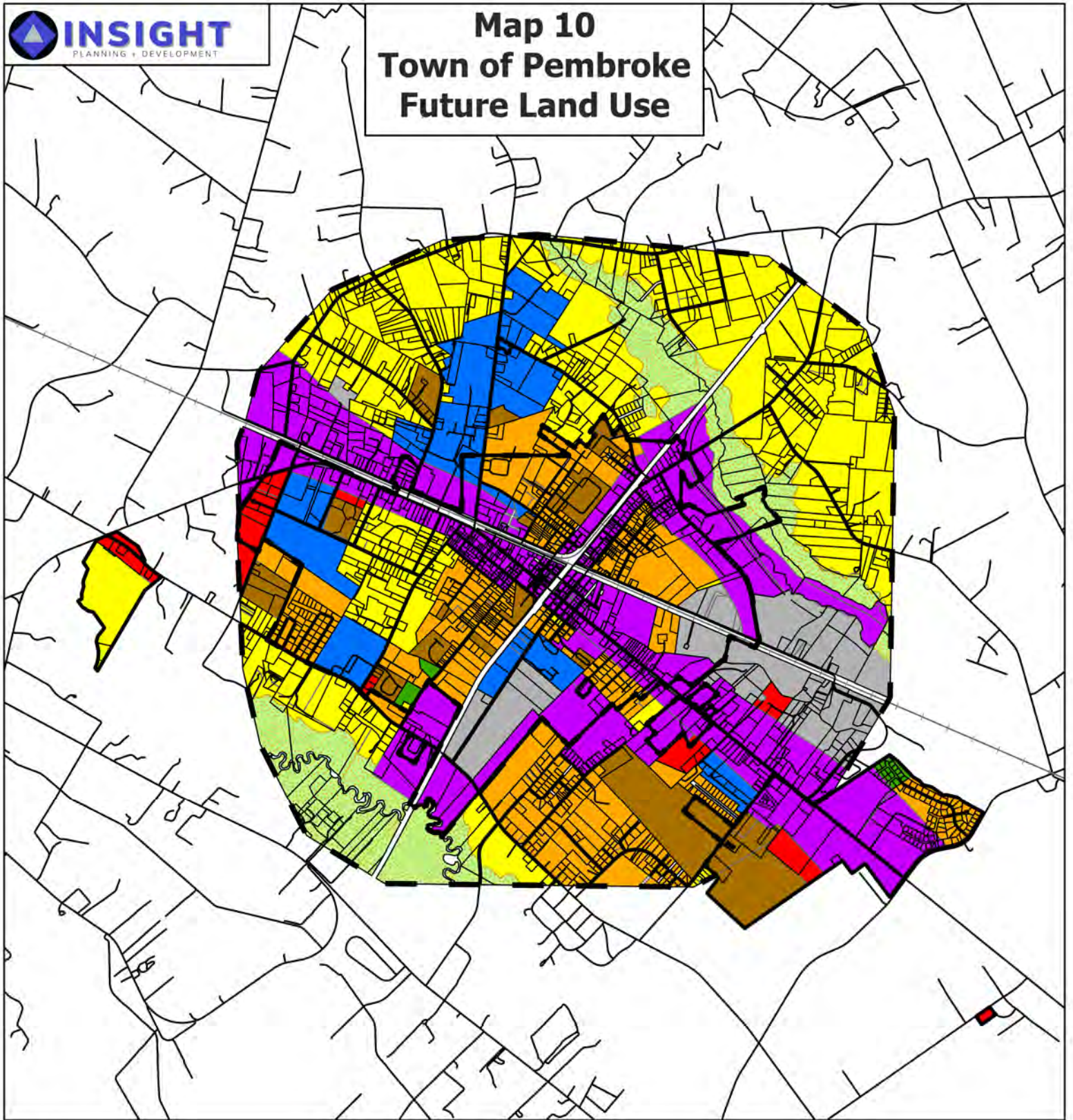
July 21, 2026

- Address Points
- County Line
- Streets
- Parcels



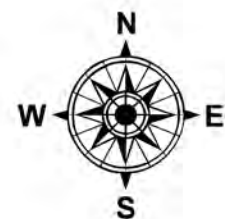
Source: Esri, Vantor, Earthstar Geographics, and the GIS User Community
Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community

Map 10 Town of Pembroke Future Land Use



Legend

- | | |
|------------------|----------------------------|
| Corporate Limits | Office and Institutional |
| ETJ Limits | High Density Residential |
| Railroads | Medium Density Residential |
| Future Land Use | Recreation |
| Commercial | Community Mixed Use |
| Conservation | Industrial |



0 0.5 1
Miles

ZONING CERTIFICATION

Project Name: Pembroke Park

Proposed No. of Units: Public Park

Address: Vance Street near First Street West,

Pembroke, Robeson County, NC 28372

Closest Intersection or Landmark: _____

Currently, the proposed project site is zoned Industrial.

This Zoning District(s):

☒ **allows** the proposed use *and no further action* is needed.

OR

☐ does **NOT** allow for the proposed use. Explain: _____

☐ Other? Explain: _____

Additional Comments/Concerns/Conditions: _____

August 24, 2026

Date

(Official's Signature)

Tyler Thomas

(Official's Name -- Print or Type)

Town Manager

(Official's Title)

Administration

(Department Name)

Gievers, Andrea

From: Tyler Thomas <tyler@pembrokenc.gov>
Sent: Monday, August 24, 2026 3:09 PM
To: Gievers, Andrea
Subject: RE: [External] RE: Zoning Certification Requested - Pembroke Park Project

CAUTION: External email. Do not click links or open attachments unless verified. Report suspicious emails with the Report Message button located on your Outlook menu bar on the Home tab.

We will review and approve the site plan.

Yes, all the property will be recombined. (if necessary)

Thanks

From: Gievers, Andrea <andrea.l.gievers@rebuild.nc.gov>
Sent: Monday, August 24, 2026 1:11 PM
To: Tyler Thomas <tyler@pembrokenc.gov>
Subject: RE: [External] RE: Zoning Certification Requested - Pembroke Park Project

Hi Tyler:

Are there other zoning actions needed? The adjoining rights-of-way will be abandoned by the Town and recombined with the existing Town-owned parcels? Site plans will be reviewed at the next Town meeting? I will send separately the other responses needed. Thanks!

Sincerely,

Andrea Gievers

From: Tyler Thomas <tyler@pembrokenc.gov>
Sent: Monday, August 24, 2026 10:46 AM
To: Gievers, Andrea <andrea.l.gievers@rebuild.nc.gov>
Subject: [External] RE: Zoning Certification Requested - Pembroke Park Project

CAUTION: External email. Do not click links or open attachments unless verified. Report suspicious emails with the Report Message button located on your Outlook menu bar on the Home tab.

Sorry for the delay! See attached. Let me know if you are waiting on any others from us.

Thanks

From: Gievers, Andrea <andrea.l.gievers@rebuild.nc.gov>
Sent: Thursday, August 20, 2026 1:35 PM
To: Tyler Thomas <tyler@pembrokenc.gov>
Subject: FW: Zoning Certification Requested - Pembroke Park Project

Hi Tyler:

Just checking in to see if you can fill in the short form attached and return to me. Thanks!

Sincerely,

Andrea Gievers

From: Gievers, Andrea

Sent: Thursday, August 6, 2026 12:14 PM

To: 'Tyler Thomas' <tyler@pembrokenc.gov>

Subject: Zoning Certification Requested - Pembroke Park Project

Hello Mr. Thomas:

Please **complete and return** the **attached Zoning Certification** for the proposed **Pembroke Park** project located along Vance Street near First Street West, Pembroke, Robeson County, NC 28372. The North Carolina Office of Recovery and Resiliency (NCORR, a Division of NC DPS) as a recipient of Community Development Block Grant – Mitigation (CDBG-MIT) funds from the United States Department of Housing and Urban Development (HUD) is considering funding this proposed public infrastructure project. Additionally, NCORR is administering NC Department of Environmental Quality (DEQ), Mitigation Services Division funding awarded for this project. The Pembroke Park (proposed project) involves new construction of a Town-owned park featuring a bronze turtle sculpture surrounded by garden beds and paths shaped as a giant turtle, playground structures on a safe permeable surface, over 0.16 mile of natural grit partially permeable walking trails and a 0.11-mile loop, pollinator garden, native and medicinal plant gardens, rain garden with retaining wall, interpretive signage, information kiosk, education area with seat walls, bench swing, mowed lawn areas, picnic tables, seating, rail fence, trees, and upgrades, a sidewalk and paved parallel parking along Vance Street. ***The proposed project is in preliminary design stage and still pending Town approval and agency review.***

If you have any questions or require additional information regarding this request, please feel free to contact me at (845) 682-1700 or via email at Andrea.L.Gievers@Rebuild.NC.gov. Thank you for your time and assistance.

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.

The following figures have been reduced from their original size

ATTACHMENT 1:

Proposed Project Location Maps and Site Plans

Pembroke Park - Aerial Map



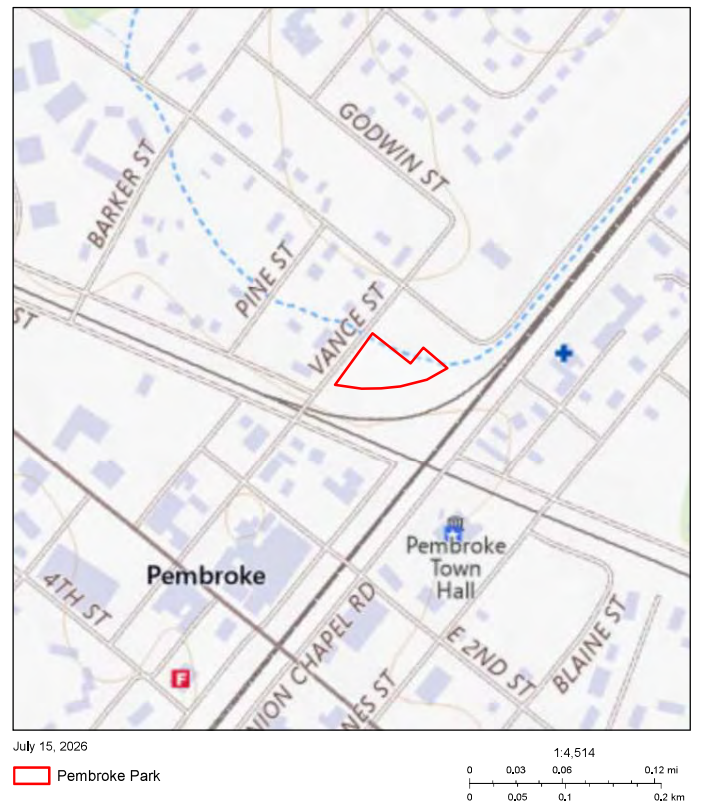
Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, NC CGIA, Vantor

Pembroke Park - Street Map



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community

Pembroke Park - Topographic Map



USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems, U.S. Census Bureau TIGERline data, USFS Road data, Natural Earth Data, U.S.

RECTYPE	null
SALEAMT	0
SALEINST	
DEEDSTMP	0

County of Robeson, NC



MAPNO	350402009
PIN_NUMBER	934329135000
PARCELTYPE	Base Parcel
CONFLICTNOTATION	
DEEDEDACRES	3
OWNERTYPE	null
STATUS	null
OLDMAPNO	3504-02-009
NUMMOD	null
LOT	null
NBHD_CODE	35011
TAX_YEAR	2025
PAR_CODE	
MAP	9343
SUBMAP	
BLOCK	29
PARCEL	1350
SUBPARCEL	00
PHYLOCAT	56469
CITYCODE	
ROUTENUM	0
OWNERID	47114013
CROWNNID	47114013

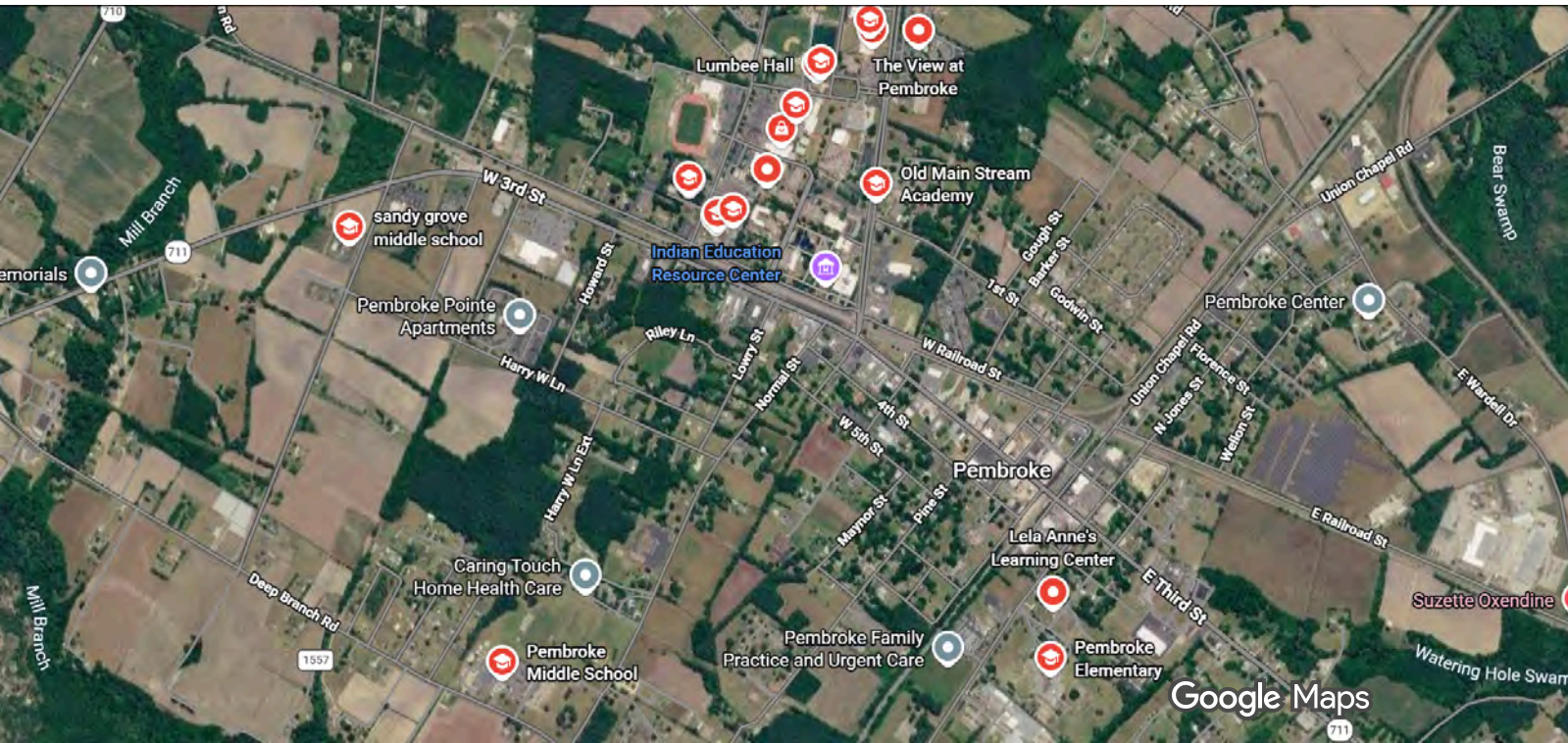
RECTYPE	null
SALEAMT	0
SALEINST	
DEEDSTMP	0



ATTACHMENT 17:

Educational and Cultural Facilities

Educational and Cultural Facilities Maps Search Results



Imagery ©2026 Airbus, CNES / Airbus, Maxar Technologies, Map data ©2026 Google 1000 ft

Rating ▾

Hours ▾

⚙ All filters

Results ⓘ

Share

Pembroke Elementary
No reviews
Elementary school · ♿ · 505 S Jones St
(910) 521-4204

Website

Directions

Old Main Stream Academy
No reviews
Elementary school · ♿ · 202 S Odom St
Closed · Opens 8:15 AM Fri ·
(910) 775-9191

Website

Directions

Communities In School Academy
No reviews

Website

Directions

General education school ·  · 818
W 3rd St
(910) 521-1669

Pembroke Middle School

No reviews

Middle school ·  · 8910 Deep
Branch Rd

Closed · Opens 7:30 AM Fri ·
(910) 671-6000

Onsite services



Website



Directions

The University of North Carolina Pembroke

4.2 ★★★★★ (318)

University ·  · 1 University Drive

Open · Closes 5 PM ·
(910) 521-6000



Website



Directions



"Affordable education, safe environment and
beautiful grounds."

UNC Pembroke Lumbee Hall

4.8 ★★★★★ (60)

Education center ·  · Lumbee
Hall, 1 University Drive
(910) 521-6000



Website



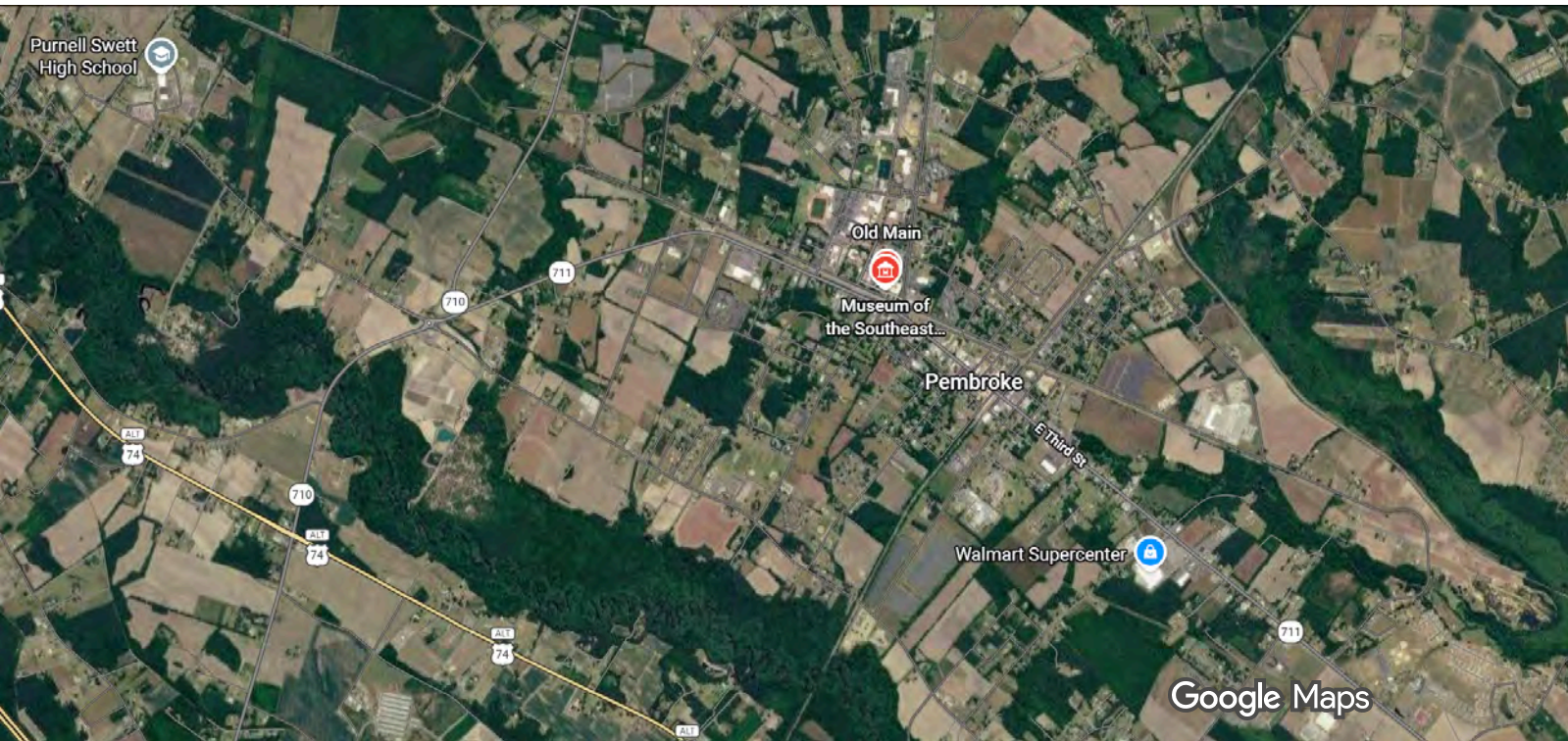
Directions



"Great campus & strong school spirit"

Get the most out of Google Maps

Sign in



Imagery ©2026 Airbus, CNES / Airbus, Landsat / Copernicus, Maxar Technologies, Map data ©2026 Google 2000 ft

Rating ▾

Hours ▾

⌵ All filters

Results ⓘ

Share

Museum of the Southeast
American Indian

4.9 ★★★★★ (50)
Museum · ♿ · 1369 Old Main Rd
Open · Closes 5 PM



👤 "Interesting artifacts and beautiful paintings depicting their rich heritage."

Lumbee Tribe Cultural Center

4.8 ★★★★★ (96)
Museum · ♿ · 207 Terry Sanford Dr #157



👤 "It's beautiful and well maintained."

The Juke McArthur Antique Museum

5.0 ★★★★★ (2)

Museum · 358 Juke Dr



 "This is my family's museum and it's amazing!"

Airborne & Special Operations Museum Foundation

4.9 ★★★★★ (3,566)

Army museum ·  · 100 Bragg Blvd

Exhibits on army, airborne & special ops

Closes soon · 4 PM · Opens 10 AM Fri



 "The exhibits are well staged with a lot to see and history to read about."

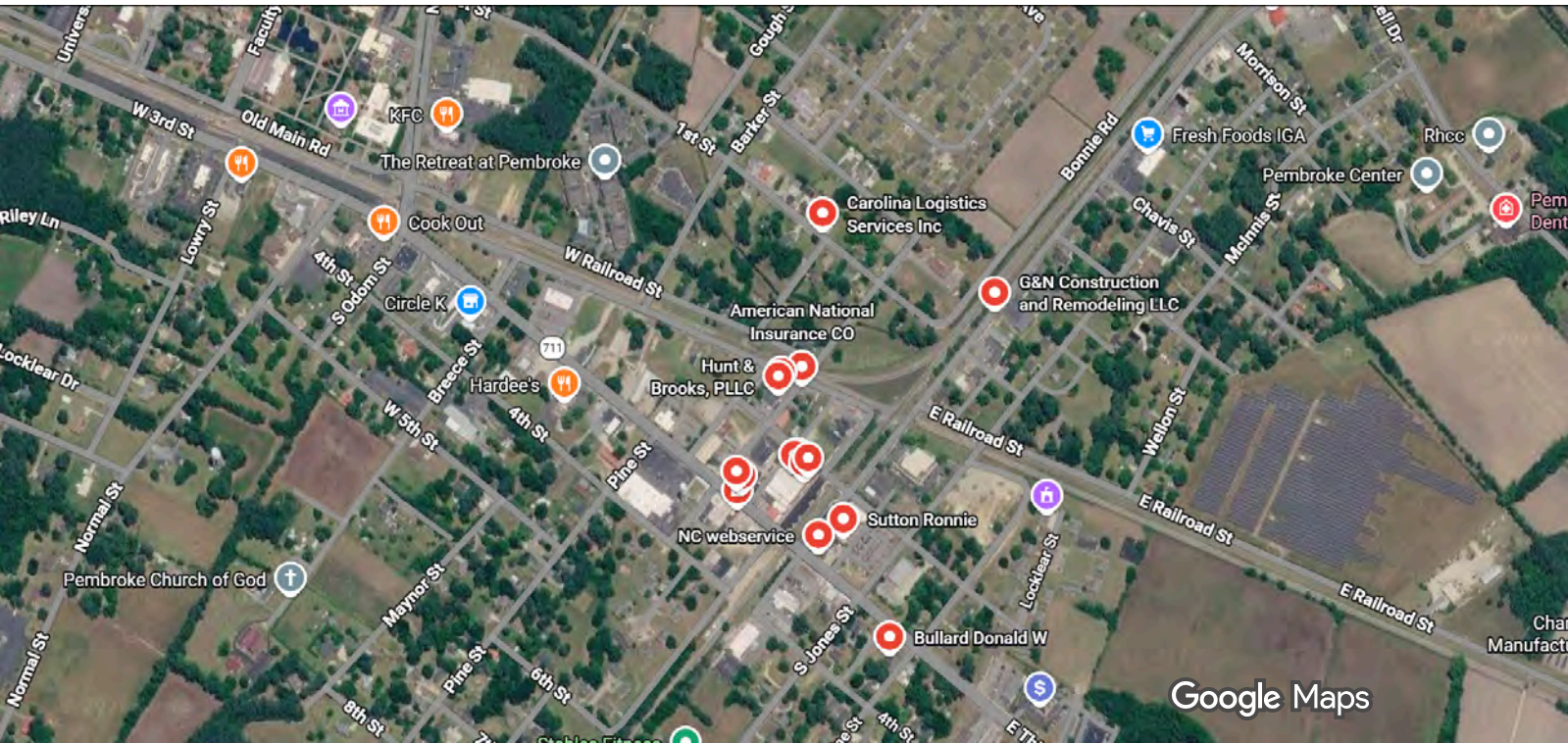
Get the most out of Google Maps

[Sign in](#)

ATTACHMENT 18:

Commercial Facilities

Commercial Facilities Maps Search Results



Imagery ©2026 Airbus, CNES / Airbus, Maxar Technologies, Map data ©2026 500 ft

Rating ▾

Hours ▾

⌵ All filters

Results ⓘ

Share

UNCP Thomas
Entrepreneurship Hub

4.7 ★★★★★ (32)

Business development service ·

· 202 Main St Ste 110

Open · Closes 5 PM ·

(910) 775-4065

Website

Directions

"I was so impressed with their creativity and knowledge of their products."

Locklear Locklear & Jacobs

5.0 ★★★★★ (2)

Engineering consultant · · 114 W 3rd St

Open · Closes 5 PM · (910) 774-9306

Directions

NC webservice

5.0 ★★★★★ (1)

Website designer · 103 E Third St
#2

Open · Closes 7 PM ·

(910) 785-0830



Website



Directions

Howington Office Products LLC

4.7 ★★★★★ (19)

Office supply store · 116 W 3rd St

Open · Closes 5 PM ·

(910) 775-9023



Website



Directions

👤 "Highly recommend for your business."

Hunt & Brooks, PLLC

4.9 ★★★★★ (387)

Attorney · 🦿 · 203 College St

Open · Closes 5 PM · (910) 521-3413



Website



Directions

👤 "Brian Brooks is the absolute best and very
affordable!!!"

Pembroke Chamber of Commerce

3.3 ★★★★★ (3)

Chamber of Commerce · 🦿 · 202

Main St Ste 110

Closed · Opens 11AM Mon ·

(910) 775-4334



Website



Directions

Get the most out of Google Maps

Sign in



Imagery ©2026 Airbus, CNES / Airbus, Maxar Technologies, Map data ©2026 500 ft

☰ All filters

 Share

Open · Closes 7 PM · (910) 258-9030

In-store shopping

Open 24 hours • (910) 521-8700

 "Great service, nice people"

Fresh Foods IGA

4.3 ★★★★★ (73)

Grocery store ·  · 506 Union Chapel Rd

Open · Closes 9 PM · (910) 668-1095



 "The best prices on meat in the whole town"

UNCP Spirit Shop

5.0 ★★★★★ (1)

Book store ·  · 56 Union Chapel Rd

Open · Closes 5 PM · (910) 775-6309



 "Very clean and everyone was very friendly"

Get the most out of Google Maps

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ATTACHMENT 19:

Public Safety – Police, Fire and Emergency Medical

Law Enforcement, Fire Protection and Emergency
Medical Services Certifications and Correspondence

LAW ENFORCEMENT CERTIFICATION

Project Name: Pembroke Park
Proposed No. of Units: Public Park
Address: Vance Street near First Street West,
Pembroke, Robeson County, NC 28372

Closest Intersection or Landmark: _____

Adequate and appropriate Law Enforcement Services for the proposed project are:

☒ **available** for the proposed project *and/or* ☒ will **NOT** be **adversely affected** by the proposed project. The estimated average response time of 3 minutes falls within the average community response time of 5 minutes.

OR

☐ **NOT** available for the proposed project *and/or* ☐ will be **adversely affected** by the proposed project. Explain: _____

Law Enforcement Service providers that serve the proposed project area include:

Pembroke Police Department
Robeson County Sheriff's Office

Additional Comments/Concerns/Conditions: _____

08/06/2024
Date


(Official's Signature)

Adrian Hunt
(Official's Name – Print or Type)

Chief of Police
(Official's Title)

Pembroke Police Department
(Department Name)

Gievers, Andrea

From: Adrian Hunt <Adrian@pembrokenc.gov>
Sent: Friday, August 7, 2026 12:00 PM
To: Gievers, Andrea
Subject: [External] Re: Law Enforcement Certification Requested - Pembroke Park Project
Attachments: Law Enforcement Certification.pdf

CAUTION: External email. Do not click links or open attachments unless verified. Report suspicious emails with the Report Message button located on your Outlook menu bar on the Home tab.

See Attachment.

Thanks,
Chief Adrian Hunt
Pembroke Police Department

From: Gievers, Andrea <andrea.l.gievers@rebuild.nc.gov>
Sent: Thursday, August 6, 2026 2:01 PM
To: Adrian Hunt <Adrian@pembrokenc.gov>
Cc: Tyler Thomas <tyler@pembrokenc.gov>
Subject: Law Enforcement Certification Requested - Pembroke Park Project

Hello Police Chief Hunt:

Please **complete and return** the **attached Law Enforcement Certification** for the proposed **Pembroke Park** project located along Vance Street near First Street West, Pembroke, Robeson County, NC 28372. The North Carolina Office of Recovery and Resiliency (NCORR, a Division of NC DPS) as a recipient of Community Development Block Grant – Mitigation (CDBG-MIT) funds from the United States Department of Housing and Urban Development (HUD) is considering funding this proposed public infrastructure project. Additionally, NCORR is administering NC Department of Environmental Quality (DEQ), Mitigation Services Division funding awarded for this project. The Pembroke Park (proposed project) involves new construction of a Town-owned park featuring a bronze turtle sculpture surrounded by garden beds and paths shaped as a giant turtle, playground structures on a safe permeable surface, over 0.16 mile of natural grit partially permeable walking trails and a 0.11-mile loop, pollinator garden, native and medicinal plant gardens, rain garden with retaining wall, interpretive signage, information kiosk, education area with seat walls, bench swing, mowed lawn areas, picnic tables, seating, rail fence, trees, and upgrades, a sidewalk and paved parallel parking along Vance Street. ***The proposed project is in preliminary design stage and still pending Town approval and agency review.***

If you have any questions or require additional information regarding this request, please feel free to contact me at (845) 682-1700 or via email at Andrea.L.Gievers@Rebuild.NC.gov. Thank you for your time and assistance.

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.

The following figures have been reduced from their original size

ATTACHMENT 1:

Proposed Project Location Maps and Site Plans

Pembroke Park - Aerial Map



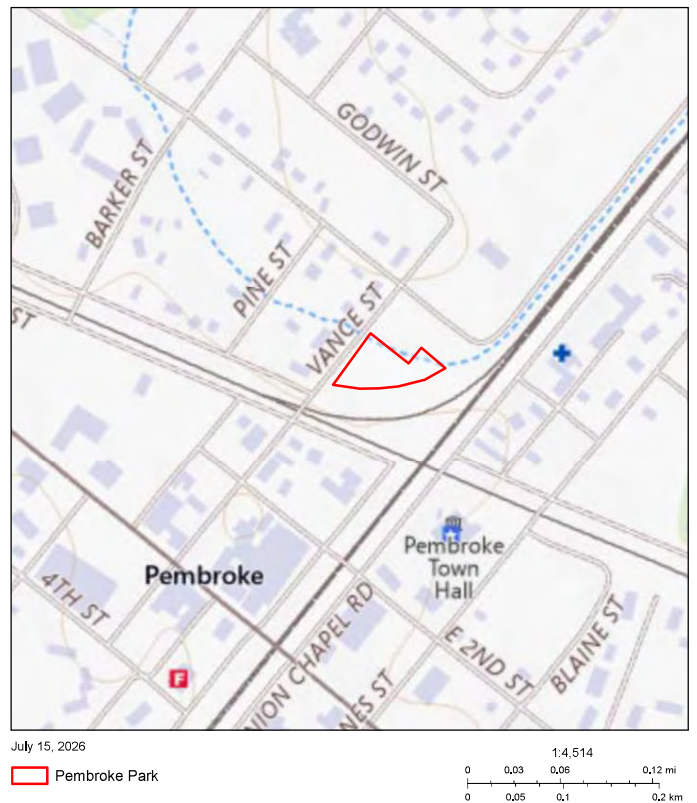
Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, NC CGIA, Vantor

Pembroke Park - Street Map



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community

Pembroke Park - Topographic Map



USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems, U.S. Census Bureau TIGERline data, USFS Road data, Natural Earth Data, U.S.

RECTYPE	null
SALEAMT	0
SALEINST	
DEEDSTMP	0

County of Robeson, NC



MAPNO	350402009
PIN_NUMBER	934329135000
PARCELTYPE	Base Parcel
CONFLICTNOTATION	
DEEDEDACRES	3
OWNERTYPE	null
STATUS	null
OLDMAPNO	3504-02-009
NUMMOD	null
LOT	null
NBHD_CODE	35011
TAX_YEAR	2025
PAR_CODE	
MAP	9343
SUBMAP	
BLOCK	29
PARCEL	1350
SUBPARCEL	00
PHYLOCAT	56469
CITYCODE	
ROUTENUM	0
OWNERID	47114013
CROWNNID	47114013

OWNAM1	TOWN OF PEMBROKE	RECTYPE	null
OWNAM2		SALEAMT	0
OWNAM3		SALEINST	
OWADR1	P O BOX 866	DEEDSTMP	0
OWADR2			
OWADR3			
OWADR4			
OWCITY	PEMBROKE		
OWSTATE	NC		
OWZIP	283720000		
STNUM	0		
STSUFFIX			
STDIR			
STNAME	VANCE ST		
STTYPE			
STDIRSUF			
UNITNO			
DEEDACRE	0.6		
MAPACRE	0.6		
DISTCODE	55		
TOWNCODE	35		
PARDESC3			
PARDESC1	E-70		
NBHCLASS			
NBHCODE	35011		
EXEMCODE	E70		
DEEDBOOK			
DEEDPAGE			
DEEDYEAR	0		
PLATBOOK			
PLATPAGE			
DATESOLD	0		
LEGDESC1	LT 1 3 BL E MASSEY SD		
LEGDESC2			
LEGDESC3			
PARDESC4			
GROUPPAR	934329135000		
REQREVIEW			
PHYSTRADR	VANCE ST		
SCHCODE	0		
AREACODE	1		
LNDASVCUR	28700		
IMPASVCUR	0		
QUALCODE			



LAW ENFORCEMENT CERTIFICATION

Project Name: Pembroke Park
Proposed No. of Units: Public Park
Address: Vance Street near First Street West,
Pembroke, Robeson County, NC 28372
Closest Intersection or Landmark: _____

Adequate and appropriate Law Enforcement Services for the proposed project are:

☒ **available** for the proposed project *and/or* ☐ will **NOT** be **adversely affected** by the proposed project. The estimated average response time of 10 minutes falls within the average community response time of 20 minutes.

OR

☐ **NOT** **available** for the proposed project *and/or* ☐ will be **adversely affected** by the proposed project. Explain: _____

Law Enforcement Service *providers that serve* the proposed project area include:

The Robeson County Sheriff's Office will assist Pembroke Police Department if necessary.

Additional Comments/Concerns/Conditions: _____

08-06-2026

Date

Burnis L. Wilkins, Jr.

(Official's Signature)

Burnis L. Wilkins, Jr.

(Official's Name – Print or Type)

Sheriff of Robeson County

(Official's Title)

Robeson County Sheriff's Office

(Department Name)

Gievers, Andrea

From: Sheriff Wilkins <sheriff.wilkins@robesoncountysnc.gov>
Sent: Thursday, August 6, 2026 1:17 PM
To: Gievers, Andrea; Damien McLean
Subject: [External] RE: Law Enforcement Certification Requested - Pembroke Park Project
Attachments: Law Enforcement Certification - Pembroke Park.pdf

You don't often get email from sheriff.wilkins@robesoncountysnc.gov. [Learn why this is important](#)

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Please see the attached:

Sheriff Burnis L. Wilkins Jr.
Robeson County Sheriff's Office
Phone: 910-671-3106
sheriff.wilkins@robesoncountysnc.gov



From: Gievers, Andrea <andrea.l.gievers@rebuild.nc.gov>
Sent: Thursday, August 6, 2026 12:56 PM
To: Sheriff Wilkins <sheriff.wilkins@robesoncountysnc.gov>; Damien McLean <damien.mclean@robesoncountysnc.gov>
Subject: Law Enforcement Certification Requested - Pembroke Park Project

You don't often get email from andrea.l.gievers@rebuild.nc.gov. [Learn why this is important](#)

NOTICE: This message originated outside of the Robeson County Sheriff's Office mail system. — **DO NOT CLICK** on links, open **attachments**, or reply unless you recognize the sender's email address and know the content is safe.

Hello:

Please **complete and return** the **attached Law Enforcement Certification** for the proposed **Pembroke Park** project located along Vance Street near First Street West, Pembroke, Robeson County, NC 28372. The North Carolina Office of Recovery and Resiliency (NCORR, a Division of NC DPS) as a recipient of Community Development Block Grant – Mitigation (CDBG-MIT) funds from the United States Department of Housing and Urban Development (HUD) is considering funding this proposed public infrastructure project. Additionally, NCORR is administering NC Department of Environmental Quality (DEQ), Mitigation Services Division funding awarded for this project. The Pembroke Park

(proposed project) involves new construction of a Town-owned park featuring a bronze turtle sculpture surrounded by garden beds and paths shaped as a giant turtle, playground structures on a safe permeable surface, over 0.16 mile of natural grit partially permeable walking trails and a 0.11-mile loop, pollinator garden, native and medicinal plant gardens, rain garden with retaining wall, interpretive signage, information kiosk, education area with seat walls, bench swing, mowed lawn areas, picnic tables, seating, rail fence, trees, and upgrades, a sidewalk and paved parallel parking along Vance Street. ***The proposed project is in preliminary design stage and still pending Town approval and agency review.***

If you have any questions or require additional information regarding this request, please feel free to contact me at (845) 682-1700 or via email at Andrea.L.Gievers@Rebuild.NC.gov. Thank you for your time and assistance.

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.

The following figures have been reduced from their original size

ATTACHMENT 1:

Proposed Project Location Maps and Site Plans

Pembroke Park - Aerial Map



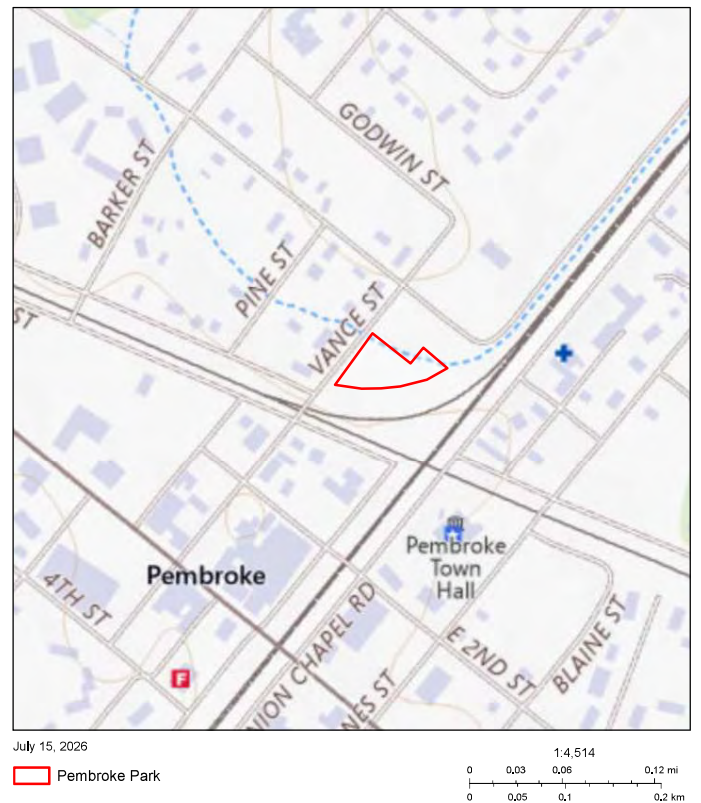
Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, NC CGIA, Vantor

Pembroke Park - Street Map



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community

Pembroke Park - Topographic Map



USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems, U.S. Census Bureau TIGERline data, USFS Road data, Natural Earth Data, U.S.

County of Robeson, NC



MAPNO	350402007
PIN_NUMBER	934329322900
PARCELTYPE	Base Parcel
CONFLICTNOTATION	
DEEDEDACRES	4
OWNERTYPE	null
STATUS	null
OLDMAPNO	3504-02-007
NUMMOD	null
LOT	null
NBHD_CODE	35011
TAX_YEAR	2025
PAR_CODE	
MAP	9343
SUBMAP	
BLOCK	29
PARCEL	3229
SUBPARCEL	00
PHYLOCAT	87664
CITYCODE	
ROUTENUM	0
OWNERID	47114014
CUROWNID	47114014

RECTYPE	null
SALEAMT	0
SALEINST	
DEEDSTMP	0

OWNAMI	
OWNAM2	
OWNAM3	
OWADR1	
OWADR2	
OWADR3	
OWADR4	
OWCITY	PEMBROKE
OWSTATE	NC
OWZIP	28372
STNUM	0
STSUFFIX	
STDIR	
STNAME	.
STTYPE	
STDIRSUF	
UNITNO	
DEEDACRE	0.2
MAPACRE	0.2
DISTCODE	55
TOWNCODE	35
PARDESC3	
PARDESC1	E-70
NBHCLASS	
NBHCODE	35011
EXEMCODE	E70
DEEDBOOK	
DEEDPAGE	
DEEDYEAR	0
PLATBOOK	
PLATPAGE	
DATESOLD	0
LEGDESC1	LT 6 9 BLE MASSEY SD
LEGDESC2	
LEGDESC3	
PARDESC4	
GROUPPAR	934329322900
REQREVIEW	
PHYSTRADR	.
SCHCODE	0
AREACODE	1
LNDSVCUR	9600
IMPASVCUR	0
QUALCODE	

TOWN OF PEMBROKE

PO BOX 866

PEMBROKE

NC

28372

0

0.2

0.2

55

35

E-70

35011

E70

0

LT 6 9 BLE MASSEY SD

934329322900

County of Robeson, NC



MAPNO	350402009
PIN_NUMBER	934329135000
PARCELTYPE	Base Parcel
CONFLICTNOTATION	
DEEDEDACRES	3
OWNERTYPE	null
STATUS	null
OLDMAPNO	3504-02-009
NUMMOD	null
LOT	null
NBHD_CODE	35011
TAX_YEAR	2025
PAR_CODE	
MAP	9343
SUBMAP	
BLOCK	29
PARCEL	1350
SUBPARCEL	00
PHYLOCAT	56469
CITYCODE	
ROUTENUM	0
OWNERID	47114013
CUROWNID	47114013

OWNAM1	TOWN OF PEMBROKE	RECTYPE	null
OWNAM2		SALEAMT	0
OWNAM3		SALEINST	
OWADR1	P O BOX 866	DEEDSTMP	0
OWADR2			
OWADR3			
OWADR4			
OWCITY	PEMBROKE		
OWSTATE	NC		
OWZIP	283720000		
STNUM	0		
STSUFFIX			
STDIR			
STNAME	VANCE ST		
STTYPE			
STDIRSUF			
UNITNO			
DEEDACRE	0.6		
MAPACRE	0.6		
DISTCODE	55		
TOWNCODE	35		
PARDESC3			
PARDESC1	E-70		
NBHCLASS			
NBHCODE	35011		
EXEMCODE	E70		
DEEDBOOK			
DEEDPAGE			
DEEDYEAR	0		
PLATBOOK			
PLATPAGE			
DATESOLD	0		
LEGDESC1	LT 1 3 BL E MASSEY SD		
LEGDESC2			
LEGDESC3			
PARDESC4			
GROUPPAR	934329135000		
REQREVIEW			
PHYSTRADR	VANCE ST		
SCHCODE	0		
AREACODE	1		
LNDASVCUR	28700		
IMPASVCUR	0		
QUALCODE			



FIRE PROTECTION CERTIFICATION

Project Name: Pembroke Park
Proposed No. of Units: Public Park
Address: Vance Street near First Street West,
Pembroke, Robeson County, NC 28372

Closest Intersection or Landmark: _____

Adequate and appropriate Fire Protection Services for the proposed project are:

☒ **available** for the proposed project *and/or* ☐ will **NOT** be **adversely affected** by the proposed project. The estimated average response time of 4 minutes falls within the average community response time of 5 minutes.

OR

☐ **NOT** **available** for the proposed project *and/or* ☐ will be **adversely affected** by the proposed project. Explain: N/A

Fire Protection Services *providers that serve* the proposed project area include:

Fire protection services are provided by the Pembroke Fire Department for the purpose project. The
Pembroke Fire Department provides fire suppression, emergency response, and other related fire
Protection services in the area.

Additional Comments/Concerns/Conditions: N/A

08/10/2026
Date

Timothy Ryan Locklear
(Official's Signature)

Timothy Ryan Locklear
(Official's Name – Print or Type)

Fire Chief
(Official's Title)

Town of Pembroke Fire Department
(Department Name)

Gievers, Andrea

From: Timothy Locklear <timjrfireman2004@yahoo.com>
Sent: Tuesday, August 11, 2026 6:58 AM
To: Gievers, Andrea
Cc: Tyler Thomas
Subject: [External] Pembroke Park Project
Attachments: Fire Protection Certification - Pembroke Park.pdf

You don't often get email from timjrfireman2004@yahoo.com. [Learn why this is important](#)

CAUTION: External email. Do not click links or open attachments unless verified. Report suspicious emails with the Report Message button located on your Outlook menu bar on the Home tab.

Chief Timothy Ryan Locklear
Town of Pembroke Fire Dept
P.O. Box 866 Pembroke N.C. 28373
(910)374-5203

Gievers, Andrea

From: Gievers, Andrea
Sent: Thursday, August 6, 2026 12:54 PM
To: 'ryan.locklear@robesoncountync.gov'; 'Ryan@pembrokenc.gov'
Cc: 'Tyler Thomas'
Subject: Fire Protection Certification Requested - Pembroke Park Project
Attachments: Pembroke Park - Project Location Maps and Site Plans.pdf; Fire Protection Certification - Pembroke Park.pdf

Hello Fire Chief Locklear:

Please ***complete and return*** the ***attached Fire Protection Certification*** for the proposed **Pembroke Park** project located along Vance Street near First Street West, Pembroke, Robeson County, NC 28372. The North Carolina Office of Recovery and Resiliency (NCORR, a Division of NC DPS) as a recipient of Community Development Block Grant – Mitigation (CDBG-MIT) funds from the United States Department of Housing and Urban Development (HUD) is considering funding this proposed public infrastructure project. Additionally, NCORR is administering NC Department of Environmental Quality (DEQ), Mitigation Services Division funding awarded for this project. The Pembroke Park (proposed project) involves new construction of a Town-owned park featuring a bronze turtle sculpture surrounded by garden beds and paths shaped as a giant turtle, playground structures on a safe permeable surface, over 0.16 mile of natural grit partially permeable walking trails and a 0.11-mile loop, pollinator garden, native and medicinal plant gardens, rain garden with retaining wall, interpretive signage, information kiosk, education area with seat walls, bench swing, mowed lawn areas, picnic tables, seating, rail fence, trees, and upgrades, a sidewalk and paved parallel parking along Vance Street. ***The proposed project is in preliminary design stage and still pending Town approval and agency review.***

If you have any questions or require additional information regarding this request, please feel free to contact me at (845) 682-1700 or via email at Andrea.L.Gievers@Rebuild.NC.gov. Thank you for your time and assistance.

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

The following figures have been reduced from their original size

ATTACHMENT 1:

Proposed Project Location Maps and Site Plans

Pembroke Park - Aerial Map



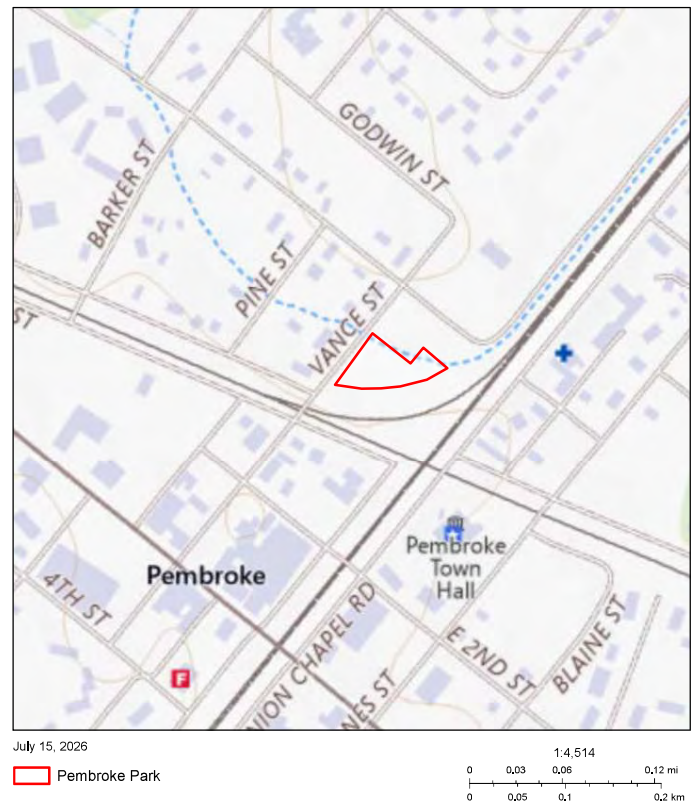
Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, NC CGIA, Vantor

Pembroke Park - Street Map



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community

Pembroke Park - Topographic Map



USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems, U.S. Census Bureau TIGERline data, USFS Road data, Natural Earth Data, U.S.

RECTYPE	null
SALEAMT	0
SALEINST	
DEEDSTMP	0

County of Robeson, NC



MAPNO	350402009
PIN_NUMBER	934329135000
PARCELTYPE	Base Parcel
CONFLICTNOTATION	
DEEDEDACRES	3
OWNERTYPE	null
STATUS	null
OLDMAPNO	3504-02-009
NUMMOD	null
LOT	null
NBHD_CODE	35011
TAX_YEAR	2025
PAR_CODE	
MAP	9343
SUBMAP	
BLOCK	29
PARCEL	1350
SUBPARCEL	00
PHYLOCAT	56469
CITYCODE	
ROUTENUM	0
OWNERID	47114013
COWOWNID	47114013

RECTYPE	null
SALEAMT	0
SALEINST	
DEEDSTMP	0



EMERGENCY MEDICAL SERVICES CERTIFICATION

Project Name: Pembroke Park
Proposed No. of Units: Public Park
Address: Vance Street near First Street West,
Pembroke, Robeson County, NC 28372

Closest Intersection or Landmark: _____

Adequate and appropriate Emergency Medical Services for the proposed project are:

☒ **available** for the proposed project *and/or* ☐ will **NOT** be **adversely affected** by the proposed project. The estimated average response time of _____ minutes falls within the average community response time of _____ minutes.

OR

☐ **NOT** **available** for the proposed project *and/or* ☐ will be **adversely affected** by the proposed project. Explain: _____

EMS providers/organizations that might serve the proposed project area include:

ROBESON COUNTY EMERGENCY MEDICAL SERVICES

PEMBROKE RESCUE

Additional Comments/Concerns/Conditions: _____

NO ISSUES WITH PROVIDING SERVICE TO THE PROPOSED LOCATION

08/20/2026

Date

Patrick Cummings

(Officials Signature)

PATRICK CUMMINGS

(Officials Name – Print or Type)

EMS Director/EMS System Administrator

(Official's Title)

ROBESON COUNTY EMERGENCY MEDICAL SERVICES

(Department Name)

Gievers, Andrea

From: Patrick Cummings <patrick.cummings@robesoncountync.gov>
Sent: Thursday, August 20, 2026 1:05 PM
To: Gievers, Andrea
Subject: [External] Re: EMS Certification Requested - Pembroke Park Project
Attachments: EMS Certification - Pembroke Park.pdf

CAUTION: External email. Do not click links or open attachments unless verified. Report suspicious emails with the Report Message button located on your Outlook menu bar on the Home tab.

See attached



Patrick Cummings | EMS Director
Robeson County Emergency Medical Services
176 Legend Road, Lumberton, NC 28358
Office 910-671-3250 **Mobile** 910-316-6260
patrick.cummings@robesoncountync.gov
www.robesoncountync.gov

From: Gievers, Andrea <andrea.l.gievers@rebuild.nc.gov>
Sent: Thursday, August 20, 2026 1:33 PM
To: Patrick Cummings <patrick.cummings@robesoncountync.gov>
Subject: FW: EMS Certification Requested - Pembroke Park Project

Mimecast Attachment Protection has deemed this file to be safe, but always exercise caution when opening files.

WARNING: This email originated outside of Robeson County. Do not click links, open attachments or reply, unless you recognize the sender's email address and know the content is safe!

Hi Patrick:

Just checking in to see if you can fill in the short form attached and return to me. Thanks!

Sincerely,

Andrea Gievers

From: Gievers, Andrea
Sent: Thursday, August 6, 2026 12:10 PM
To: patrick.cummings@robesoncountync.gov
Subject: EMS Certification Requested - Pembroke Park Project

Hello Mr. Cummings:

Please **complete and return** the **attached EMS Certification** for the proposed **Pembroke Park** project located along Vance Street near First Street West, Pembroke, Robeson County, NC 28372. The North Carolina Office of Recovery and

Resiliency (NCORR, a Division of NC DPS) as a recipient of Community Development Block Grant – Mitigation (CDBG-MIT) funds from the United States Department of Housing and Urban Development (HUD) is considering funding this proposed public infrastructure project. Additionally, NCORR is administering NC Department of Environmental Quality (DEQ), Mitigation Services Division funding awarded for this project. The Pembroke Park (proposed project) involves new construction of a Town-owned park featuring a bronze turtle sculpture surrounded by garden beds and paths shaped as a giant turtle, playground structures on a safe permeable surface, over 0.16 mile of natural grit partially permeable walking trails and a 0.11-mile loop, pollinator garden, native and medicinal plant gardens, rain garden with retaining wall, interpretive signage, information kiosk, education area with seat walls, bench swing, mowed lawn areas, picnic tables, seating, rail fence, trees, and upgrades, a sidewalk and paved parallel parking along Vance Street. ***The proposed project is in preliminary design stage and still pending Town approval and agency review.***

If you have any questions or require additional information regarding this request, please feel free to contact me at (845) 682-1700 or via email at Andrea.L.Gievers@Rebuild.NC.gov. Thank you for your time and assistance.

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.

Disclaimer

This email has been scanned for viruses and malware, and may have been automatically archived by Mimecast, a leader in email security and cyber resilience.

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The following figures have been reduced from their original size

ATTACHMENT 1:

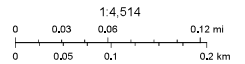
Proposed Project Location Maps and Site Plans

Pembroke Park - Aerial Map



July 15, 2026

 Pembroke Park



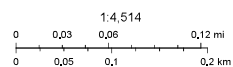
Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, NC, CCA, Vector

Pembroke Park - Street Map



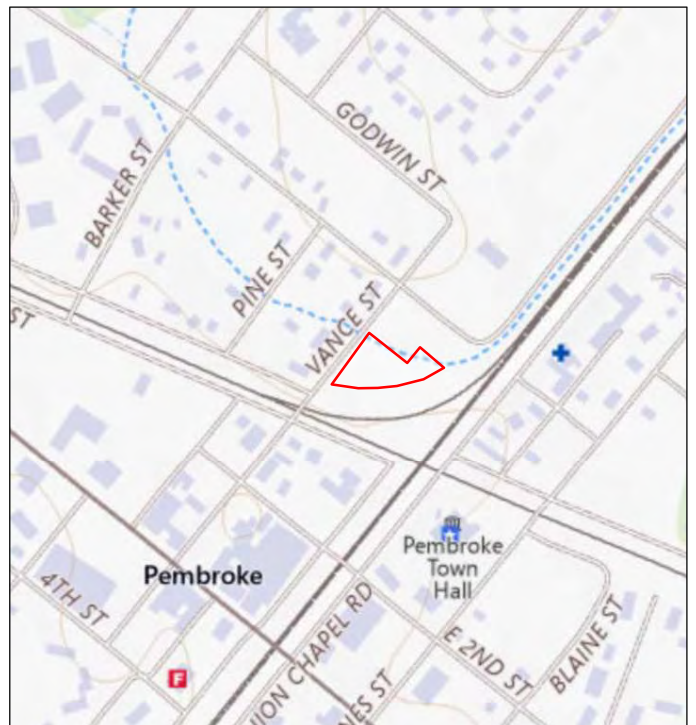
July 15, 2026

 Pembroke Park



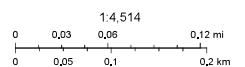
Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community

Pembroke Park - Topographic Map



July 15, 2026

 Pembroke Park



USGS The National Map: National Boundaries Dataset, SDEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structure Dataset, and National Transportation Dataset, USGS Global Ecosystems, U.S. Census Bureau TIGER/Line data, USFS Road data, Natural Earth Data, U.S.

County of Robeson, NC



MAPNO	350402007
PIN_NUMBER	934329322900
PARCELTYPE	Base Parcel
CONFLICTNOTATION	
DEEDEDACRES	4
OWNERTYPE	null
STATUS	null
OLDMAPNO	3504-02-007
NUMMOD	null
LOT	null
NBHD_CODE	35011
TAX_YEAR	2025
PAR_CODE	
MAP	9343
SUBMAP	
BLOCK	29
PARCEL	3229
SUBPARCEL	00
PHYLOCAT	87664
CITYCODE	
ROUTENUM	0
OWNERID	47114014
CUROWNID	47114014

RECTYPE	null
SALEAMT	0
SALEINST	
DEEDSTMP	0

OWNAMI	TOWN OF PEMBROKE
OWNAM2	
OWNAM3	
OWADR1	PO BOX 866
OWADR2	
OWADR3	
OWADR4	
OWCITY	PEMBROKE
OWSTATE	NC
OWZIP	28372
STNUM	0
STSUFFIX	
STDIR	
STNAME	.
STTYPE	
STDIRSUF	
UNITNO	
DEEDACRE	0.2
MAPACRE	0.2
DISTCODE	55
TOWNCODE	35
PARDESC3	
PARDESC1	E-70
NBHCLASS	
NBHCODE	35011
EXEMCODE	E70
DEEDBOOK	
DEEDPAGE	
DEEDYEAR	0
PLATBOOK	
PLATPAGE	
DATESOLD	0
LEGDESC1	LT 6 9 BLE MASSEY SD
LEGDESC2	
LEGDESC3	
PARDESC4	
GROUPPAR	934329322900
REQREVIEW	
PHYSTRADR	.
SCHCODE	0
AREACODE	1
LNDSVCUR	9600
IMPASVCUR	0
QUALCODE	

County of Robeson, NC



MAPNO	350402009
PIN_NUMBER	934329135000
PARCELTYPE	Base Parcel
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DEEDEDACRES	3
OWNERTYPE	null
STATUS	null
OLDMAPNO	3504-02-009
NUMMOD	null
LOT	null
NBHD_CODE	35011
TAX_YEAR	2025
PAR_CODE	
MAP	9343
SUBMAP	
BLOCK	29
PARCEL	1350
SUBPARCEL	00
PHYLOCAT	56469
CITYCODE	
ROUTENUM	0
OWNERID	47114013
CUROWNID	47114013

OWNAM1	TOWN OF PEMBROKE	RECTYPE	null
OWNAM2		SALEAMT	0
OWNAM3		SALEINST	
OWADR1	P O BOX 866	DEEDSTMP	0
OWADR2			
OWADR3			
OWADR4			
OWCITY	PEMBROKE		
OWSTATE	NC		
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STDIR			
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STTYPE			
STDIRSUF			
UNITNO			
DEEDACRE	0.6		
MAPACRE	0.6		
DISTCODE	55		
TOWNCODE	35		
PARDESC3			
PARDESC1	E-70		
NBHCLASS			
NBHCODE	35011		
EXEMCODE	E70		
DEEDBOOK			
DEEDPAGE			
DEEDYEAR	0		
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PLATPAGE			
DATESOLD	0		
LEGDESC1	LT 1 3 BL E MASSEY SD		
LEGDESC2			
LEGDESC3			
PARDESC4			
GROUPPAR	934329135000		
REQREVIEW			
PHYSTRADR	VANCE ST		
SCHCODE	0		
AREACODE	1		
LNDASVCUR	28700		
IMPASVCUR	0		
QUALCODE			



ATTACHMENT 20:

Parks, Open Space and Recreation

Parks and Recreation Certification and
Correspondence and Google Maps Search
Results

PARKS AND RECREATION CERTIFICATION

Project Name: Pembroke Park

Proposed No. of Units: Public Park

Address: Vance Street near First Street West, Pembroke, Robeson County, NC 28372

Adequate and appropriate Parks and Recreational Facilities and Services near the proposed project site are:

☒ available for the proposed project and/or ☒ will NOT be adversely affected by the proposed project.
OR

☐ NOT available for the proposed project and/or ☐ will be adversely affected by the proposed project.

Explain:

Parks and Recreational Facilities and Services that might serve the proposed project area include:

The Pembroke Recreation Complex, located approximately 3 miles from the proposed project area, serves residents within the proposed project vicinity. The complex provides a 1-mile walking loop, two picnic shelters, tennis courts, soccer and multipurpose fields, baseball fields, a splash pad, a playground, and outdoor basketball courts. Seasonal recreation programs are also available for youth ages 3–18, including soccer, baseball/t-ball, tennis, flag football, basketball, softball, and cheer.

Additional Comments/Concerns/Conditions:

The proposed project would provide residents with a leisure-focused recreational option featuring a small walking loop, educational and historical elements, and a playground for youth. Following completion of the project, Recreation staff could potentially support the park through routine maintenance, upkeep, and regular assessments to help ensure the facility remains safe, accessible, and well-maintained.

Date: 8/26/26

(Official's Name - Print or Type) Jarrett Graham

(Official's Title) Director

(Department Name) Pembroke Parks and Recreation Department

(Official's Signature): 

Gievers, Andrea

From: Jarrett Graham <jarrett@pembrokenc.gov>
Sent: Wednesday, August 26, 2026 9:15 AM
To: Gievers, Andrea
Subject: [External] Pembroke Park- Parks and Recreation Certifiication
Attachments: scan_20260826135525.pdf

CAUTION: External email. Do not click links or open attachments unless verified. Report suspicious emails with the Report Message button located on your Outlook menu bar on the Home tab.

Attached you will find the requested Parks and Recreation Certification form for the proposed Pembroke Park Project.

Thanks,

Jarrett Graham
Town of Pembroke
Parks and Recreation
Director
910-521-7182



Gievers, Andrea

From: Gievers, Andrea
Sent: Monday, August 24, 2026 12:33 PM
To: 'Tyler Thomas'
Subject: FW: Parks & Rec Certification Requested - Pembroke Park Project
Attachments: Pembroke Park - Project Location Maps and Site Plans.pdf; Parks and Recreation Certification - Pembroke Park.pdf

From: Gievers, Andrea
Sent: Thursday, August 20, 2026 12:27 PM
To: jarrett@pembrokenc.gov
Cc: 'Tyler Thomas' <tyler@pembrokenc.gov>
Subject: FW: Parks & Rec Certification Requested - Pembroke Park Project

Hi Mr. Graham,

Just checking in to see if you can fill in the short form attached and return to me. Thanks!

Sincerely,

Andrea Gievers

From: Gievers, Andrea
Sent: Thursday, August 6, 2026 12:46 PM
To: 'jarrett@pembrokenc.gov' <jarrett@pembrokenc.gov>
Subject: Parks & Rec Certification Requested - Pembroke Park Project

Hello Mr. Graham:

Please **complete and return** the **attached Parks & Rec Certification** for the proposed **Pembroke Park** project located along Vance Street near First Street West, Pembroke, Robeson County, NC 28372. The North Carolina Office of Recovery and Resiliency (NCORR, a Division of NC DPS) as a recipient of Community Development Block Grant – Mitigation (CDBG-MIT) funds from the United States Department of Housing and Urban Development (HUD) is considering funding this proposed public infrastructure project. Additionally, NCORR is administering NC Department of Environmental Quality (DEQ), Mitigation Services Division funding awarded for this project. The Pembroke Park (proposed project) involves new construction of a Town-owned park featuring a bronze turtle sculpture surrounded by garden beds and paths shaped as a giant turtle, playground structures on a safe permeable surface, over 0.16 mile of natural grit partially permeable walking trails and a 0.11-mile loop, pollinator garden, native and medicinal plant gardens, rain garden with retaining wall, interpretive signage, information kiosk, education area with seat walls, bench swing, mowed lawn areas, picnic tables, seating, rail fence, trees, and upgrades, a sidewalk and paved parallel parking along Vance Street. ***The proposed project is in preliminary design stage and still pending Town approval and agency review.***

If you have any questions or require additional information regarding this request, please feel free to contact me at (845) 682-1700 or via email at Andrea.L.Gievers@Rebuild.NC.gov. Thank you for your time and assistance.

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

The following figures have been reduced from their original size

ATTACHMENT 1:

Proposed Project Location Maps and Site Plans

Pembroke Park - Aerial Map



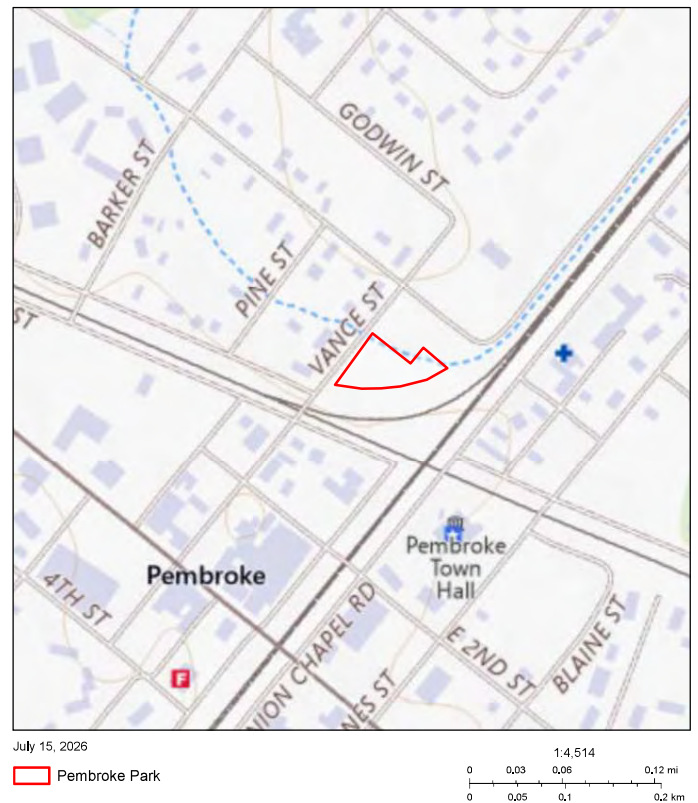
Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, NC CGIA, Vantor

Pembroke Park - Street Map



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community

Pembroke Park - Topographic Map



USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems, U.S. Census Bureau TIGERline data, USFS Road data, Natural Earth Data, U.S.

County of Robeson, NC



MAPNO	350402007
PIN_NUMBER	934329322900
PARCELTYPE	Base Parcel
CONFLICTNOTATION	
DEEDEDACRES	4
OWNERTYPE	null
STATUS	null
OLDMAPNO	3504-02-007
NUMMOD	null
LOT	null
NBHD_CODE	35011
TAX_YEAR	2025
PAR_CODE	
MAP	9343
SUBMAP	
BLOCK	29
PARCEL	3229
SUBPARCEL	00
PHYLOCAT	87664
CITYCODE	
ROUTENUM	0
OWNERID	47114014
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RECTYPE	null
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OWNAMI	TOWN OF PEMBROKE
OWNAM2	
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OWADR1	PO BOX 866
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OWADR3	
OWADR4	
OWCITY	PEMBROKE
OWSTATE	NC
OWZIP	28372
STNUM	0
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STDIR	
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STTYPE	
STDIRSUF	
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DEEDACRE	0.2
MAPACRE	0.2
DISTCODE	55
TOWNCODE	35
PARDESC3	
PARDESC1	E-70
NBHCLASS	
NBHCODE	35011
EXEMCODE	E70
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DEEDPAGE	
DEEDYEAR	0
PLATBOOK	
PLATPAGE	
DATESOLD	0
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LEGDESC2	
LEGDESC3	
PARDESC4	
GROUPPAR	934329322900
REQREVIEW	
PHYSTRADR	.
SCHCODE	0
AREACODE	1
LNDSVCUR	9600
IMPASVCUR	0
QUALCODE	

County of Robeson, NC



MAPNO	350402009
PIN_NUMBER	934329135000
PARCELTYPE	Base Parcel
CONFLICTNOTATION	
DEEDEDACRES	3
OWNERTYPE	null
STATUS	null
OLDMAPNO	3504-02-009
NUMMOD	null
LOT	null
NBHD_CODE	35011
TAX_YEAR	2025
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PARCEL	1350
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CITYCODE	
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OWNAM3		SALEINST	
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OWADR3			
OWADR4			
OWCITY	PEMBROKE		
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STNUM	0		
STSUFFIX			
STDIR			
STNAME	VANCE ST		
STTYPE			
STDIRSUF			
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PLATPAGE			
DATESOLD	0		
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PARDESC4			
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REQREVIEW			
PHYSTRADR	VANCE ST		
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AREACODE	1		
LNDASVCUR	28700		
IMPASVCUR	0		
QUALCODE			



ATTACHMENT 21:

Transportation and Accessibility

NCORR and NC DOT
Correspondence

Gievers, Andrea

From: Gievers, Andrea
Sent: Thursday, August 20, 2026 12:37 PM
To: Bell, Brice
Cc: Locklear, Earl C
Subject: FW: Transportation Certification Requested - Pembroke Park Project
Attachments: Pembroke Park - Project Location Maps and Site Plans.pdf; Transportation Certification - Pembroke Park.pdf

Hello Brice:

Just checking in to see if you had a chance to review. I expect to wrap up this review soon since NCORR is closing next month. Thanks!

Sincerely,

Andrea Gievers

From: Gievers, Andrea
Sent: Thursday, August 6, 2026 12:41 PM
To: Bell, Brice <bricebell@ncdot.gov>
Cc: Locklear, Earl C <eclocklear@ncdot.gov>
Subject: Transportation Certification Requested - Pembroke Park Project

Hello:

Please **complete and return** the **attached Transportation Certification** for the proposed **Pembroke Park** project located along Vance Street near First Street West, Pembroke, Robeson County, NC 28372. The North Carolina Office of Recovery and Resiliency (NCORR, a Division of NC DPS) as a recipient of Community Development Block Grant – Mitigation (CDBG-MIT) funds from the United States Department of Housing and Urban Development (HUD) is considering funding this proposed public infrastructure project. Additionally, NCORR is administering NC Department of Environmental Quality (DEQ), Mitigation Services Division funding awarded for this project. The Pembroke Park (proposed project) involves new construction of a Town-owned park featuring a bronze turtle sculpture surrounded by garden beds and paths shaped as a giant turtle, playground structures on a safe permeable surface, over 0.16 mile of natural grit partially permeable walking trails and a 0.11-mile loop, pollinator garden, native and medicinal plant gardens, rain garden with retaining wall, interpretive signage, information kiosk, education area with seat walls, bench swing, mowed lawn areas, picnic tables, seating, rail fence, trees, and upgrades, a sidewalk and paved parallel parking along Vance Street. ***The proposed project is in preliminary design stage and still pending Town approval and agency review.***

If you have any questions or require additional information regarding this request, please feel free to contact me at (845) 682-1700 or via email at Andrea.L.Gievers@Rebuild.NC.gov. Thank you for your time and assistance.

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

TRANSPORTATION CERTIFICATION

Project Name: Pembroke Park

Proposed No. of Units: Public Park

Address: Vance Street near First Street West,

Pembroke, Robeson County, NC 28372

Closest Intersection or Landmark: _____

Nearby public roadways conveying traffic to and from the proposed project site:

☐ will **NOT** be **adversely affected** by the proposed project. (If applicable, please attach copies of supporting documentation i.e., traffic impact study, etc.)

OR

☐ will be **adversely affected** by the proposed project. Explain: _____

Changes to public roadways from the proposed project include: _____

Additional Comments/Concerns/Conditions: _____

Date

(Official's Signature)

(Official's Name – Print or Type)

(Official's Title)

(Department Name)

The following figures have been reduced from their original size

ATTACHMENT 1:

Proposed Project Location Maps and Site Plans

Pembroke Park - Aerial Map



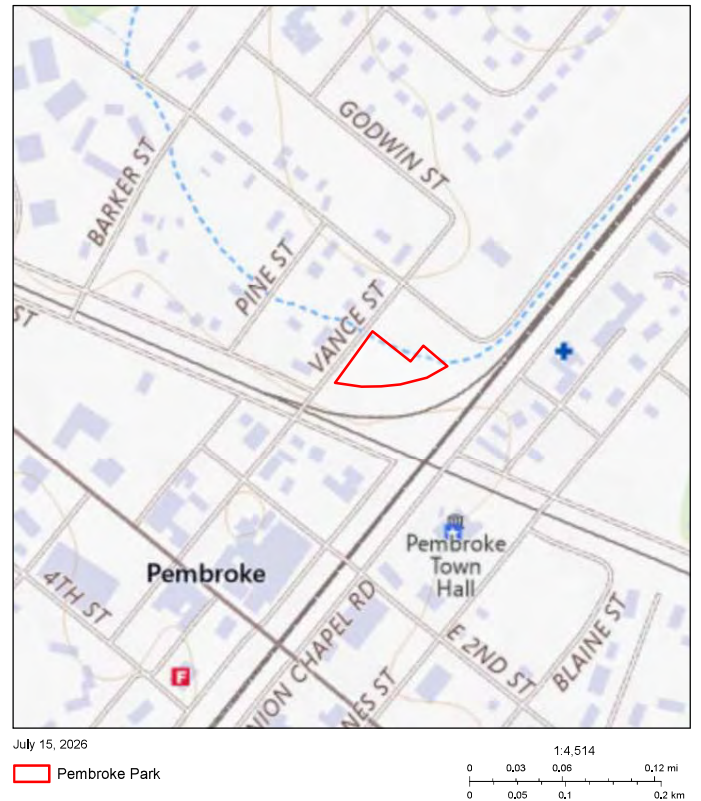
Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, NC CGIA, Vantor

Pembroke Park - Street Map



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community

Pembroke Park - Topographic Map



USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems, U.S. Census Bureau TIGERline data, USFS Road data, Natural Earth Data, U.S.

RECTYPE	null
SALEAMT	0
SALEINST	
DEEDSTMP	0

County of Robeson, NC



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PIN_NUMBER	934329135000
PARCELTYPE	Base Parcel
CONFLICTNOTATION	
DEEDEDACRES	3
OWNERTYPE	null
STATUS	null
OLDMAPNO	3504-02-009
NUMMOD	null
LOT	null
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TAX_YEAR	2025
PAR_CODE	
MAP	9343
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BLOCK	29
PARCEL	1350
SUBPARCEL	00
PHYLOCAT	56469
CITYCODE	
ROUTENUM	0
OWNERID	47114013
CROWNNID	47114013

OWNAM1	TOWN OF PEMBROKE	RECTYPE	null
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OWADR2			
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OWCITY	PEMBROKE		
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STNUM	0		
STSUFFIX			
STDIR			
STNAME	VANCE ST		
STTYPE			
STDIRSUF			
UNITNO			
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DISTCODE	55		
TOWNCODE	35		
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PARDESC1	E-70		
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NBHCODE	35011		
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DEEDBOOK			
DEEDPAGE			
DEEDYEAR	0		
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LEGDESC3			
PARDESC4			
GROUPPAR	934329135000		
REQREVIEW			
PHYSTRADR	VANCE ST		
SCHCODE	0		
AREACODE	1		
LNDASVCUR	28700		
IMPASVCUR	0		
QUALCODE			



ATTACHMENT 22:

State Environmental Clearinghouse Comments

Draft EA

Gievers, Andrea

From: State Clearinghouse
Sent: Monday, July 27, 2026 8:12 AM
To: Gievers, Andrea
Subject: RE: NEPA HUD Part 58 NCORR Draft EA Review - Pembroke Park

Good Morning, Andrea:

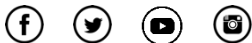
The N.C. State Environmental Review Clearinghouse has received the request for the review of the Pembroke Park Construction Project. This project has been assigned State Clearinghouse # 26-E-0000-0014 and this number should be used in all inquiries or correspondence with this office.

The document(s) has been forwarded to various governmental organizations for review and comment. In addition, notification of the availability of the document will appear on the North Carolina Environmental Bulletin at Environmental Bulletin - State Clearinghouse (nc.gov).

The review of this project should be completed on 08/25/26. After the review has concluded, the comments and signoff letter will be emailed to the email address used for the message.

Should you have any questions, please email State.Clearinghouse@doa.nc.gov.

Thank you,



Gabrielle C. McKeithen, ACP, NCCP
Paralegal

984-236-0008 | office
984-301-3443 | cell
Gabrielle.McKeithen@doa.nc.gov
325 N. Salisbury St., Raleigh, NC 27603
1301 Mail Service Center
ncadmin.nc.gov

From: Gievers, Andrea <andrea.l.gievers@rebuild.nc.gov>
Sent: Friday, July 24, 2026 6:33 PM
To: State Clearinghouse <State.Clearinghouse@doa.nc.gov>
Cc: McKeithen, Gabrielle <gabrielle.mckeithen@doa.nc.gov>
Subject: NEPA HUD Part 58 NCORR Draft EA Review - Pembroke Park

Dear Ms. McKeithen:

Please accept for review the NEPA HUD Part 58 Draft EA for the proposed public infrastructure project, **Pembroke Park**, located along Vance Street near First Street West, Pembroke, Robeson County, NC 28372. The North Carolina Office of Recovery and Resiliency (NCORR, a Division of NC Department of Public Safety), as a recipient of Community Development Block Grant – Mitigation (CDBG-MIT) funds from the United States Department of Housing and Urban

Development (HUD), is serving as the responsible entity for compliance with the HUD environmental review procedures set forth in 24 CFR Part 58. Additionally, NCORR is administering NC Department of Environmental Quality (DEQ), Mitigation Services Division funding awarded for this project.

The proposed project involves new construction of a Town-owned park featuring a bronze turtle sculpture surrounded by garden beds and paths shaped as a giant turtle, playground structures on a safe permeable surface, over 0.16 mile of natural grit partially permeable walking trails and a 0.11-mile loop, pollinator garden, native and medicinal plant gardens, rain garden with retaining wall, interpretive signage, information kiosk, education area with seat walls, bench swing, mowed lawn areas, picnic tables, seating, rail fence, trees, and upgrades, a sidewalk and paved parallel parking along Vance Street. ***The proposed project is in preliminary design stage and still pending Town approval and agency review.*** Thank you so much for distributing this project to the State Environmental Clearinghouse's project review team and participating agencies.

If you have any questions or require additional information regarding this project review request, please feel free to contact Andrea Gievers at (845) 682-1700 or via email at Andrea.L.Gievers@Rebuild.NC.gov. Thank you for your time and assistance! This is my last NCORR project and I have enjoyed and appreciated working with you all!

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.

Gievers, Andrea

From: gabrielle.mckeithen@doa.nc.gov
Sent: Wednesday, August 26, 2026 8:04 AM
To: Gievers, Andrea
Subject: RE:27-E-0000-0014 - Proposed project involves new construction of a Town-owned park featuring a bronze turtle sculpture surrounded by garden
Attachments: 000121_SHPO_Response_ER_26-3147.pdf; 000151_27-0014_DEQ_Comments.pdf; 27E00000014_000054_TrackingSheet.pdf; 27E00000014_000121_TrackingSheet.pdf; 27E00000014_000130_TrackingSheet.pdf; 27E00000014_000140_TrackingSheet.pdf; 27E00000014_000151_TrackingSheet.pdf; 27E00000014_Letter.pdf

Please see documents attached.

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.



Josh Stein
Governor

Gabriel J. Esparza
Secretary

August 26, 2026

Andrea Gievers
NC Dept of Public Safety
Office of Recovery and Resiliency
PO Box 110465
Durham, NC 27709-

Re: SCH File # 27-E-0000-0014 Proposed project involves new construction of a Town-owned park featuring a bronze turtle sculpture surrounded by garden beds and paths shaped as a giant turtle, playground structures on a safe permeable surface, over 0.16 mile of natural grit partially permeable walking trails and a 0.11-mile loop,

Dear Andrea Gievers:

The above referenced environmental impact information has been submitted to the State Clearinghouse under the provisions of the National Environmental Policy Act. According to G.S. 113A-10, when a state agency is required to prepare an environmental document under the provisions of federal law, the environmental document meets the provisions of the State Environmental Policy Act.

Attached to this letter are comments made by the agencies in the review of this document. If any further environmental review documents are prepared for this project, they should be forwarded to this office for intergovernmental review.

If you have any questions, please do not hesitate to contact me at (984) 236-0000.

Sincerely,

GABRIELLE MCKEITHEN
State Environmental Review Clearinghouse

Attachments

Mailing
1301 Mail Service Center | Raleigh, NC 27699-1301



ncadmin.nc.gov

Location
325 N. Salisbury St. | Raleigh, NC 27603
984-236-0000

Control No.: 27-E-0000-0014

Date Received: 7/27/2026

County.: ROBESON

Agency Response: 8/25/2026

Review Closed: 8/25/2026

DEVON BORGARDT
CLEARINGHOUSE COORDINATOR
DEPT OF NATURAL & CULTURAL
RESOURCE

Project Information

Type: National Environmental Policy Act Scoping

Applicant: NC Dept of Public Safety

Project Desc.: Proposed project involves new construction of a Town-owned park featuring a bronze turtle sculpture surrounded by garden beds and paths shaped as a giant turtle, playground structures on a safe permeable surface, over 0.16 mile of natural grit partially permeable walking trails and a 0.11-mile loop, pollinator garden, native and medicinal plant gardens, rain garden with retaining wall, interpretive signage, information kiosk, education area with seat walls, bench swing, mowed lawn areas, picnic tables, seating, rail fence, trees, and upgrades, a sidewalk and paved parallel parking along Vance Street.

As a result of this review the following is submitted:

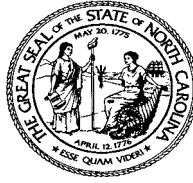
☐ No Comment

☐ Comments Below

☒ Documents Attached

Reviewed By: DEVON BORGARDT

Date: 8/5/2026



**North Carolina Department of Natural and Cultural Resources
State Historic Preservation Office**

Ramona M. Bartos, Administrator

Governor Josh Stein
Secretary Pamela B. Cashwell

Office of Archives and History
Deputy Secretary Darin J. Waters, Ph.D.

August 5, 2026

MEMORANDUM

TO: Andrea Gievers Andrea.L.Gievers@Rebuild.NC.gov
Office of Recovery and Resiliency
North Carolina Dept of Public Safety

FROM: Ramona M. Bartos, Deputy *RMB for Ramona M. Bartos*
State Historic Preservation Officer

SUBJECT: Construct Pembroke Park, Vance Street, Pembroke, Robeson County,
27-E-0000-0014, ER 26-3147

Thank you for your email of July 27, 2026, concerning the above project.

We have conducted a review of the project and are aware of no historic resources which would be affected by the project. Therefore, we are not requiring any archaeological or architectural survey and have no comment on the project as proposed.

The above comments are made pursuant to Section 106 of the National Historic Preservation Act and the Advisory Council on Historic Preservation's Regulations for Compliance with Section 106 codified at 36 CFR Part 800.

Thank you for your cooperation and consideration. If you have questions concerning the above comment, contact Renee Gledhill-Earley, environmental review coordinator, at 919-814-6579 or environmental.review@dncr.nc.gov. In all future communication concerning this project, please cite the above referenced tracking number.

cc: Bridgette Morris-McLawhorn, N.C.S.C.H. state.clearinghouse@doa.nc.gov

Control No.: 27-E-0000-0014

Date Received: 7/27/2026

County.: ROBESON

Agency Response: 8/25/2026

Review Closed: 8/25/2026

JINTAO WEN
CLEARINGHOUSE COORDINATOR
DPS - DIV OF EMERGENCY MANAGEMENT

Project Information

Type: National Environmental Policy Act Scoping

Applicant: NC Dept of Public Safety

Project Desc.: Proposed project involves new construction of a Town-owned park featuring a bronze turtle sculpture surrounded by garden beds and paths shaped as a giant turtle, playground structures on a safe permeable surface, over 0.16 mile of natural grit partially permeable walking trails and a 0.11-mile loop, pollinator garden, native and medicinal plant gardens, rain garden with retaining wall, interpretive signage, information kiosk, education area with seat walls, bench swing, mowed lawn areas, picnic tables, seating, rail fence, trees, and upgrades, a sidewalk and paved parallel parking along Vance Street.

As a result of this review the following is submitted:

☒ No Comment

☐ Comments Below

☐ Documents Attached

Reviewed By: JINTAO WEN

Date: 8/24/2026

Control No.: 27-E-0000-0014

Date Received: 7/27/2026

County.: ROBESON

Agency Response: 8/25/2026

Review Closed: 8/25/2026

JESSICA MOSLEY
CLEARINGHOUSE COORDINATOR
DEPT OF TRANSPORTATION

Project Information

Type: National Environmental Policy Act Scoping

Applicant: NC Dept of Public Safety

Project Desc.: Proposed project involves new construction of a Town-owned park featuring a bronze turtle sculpture surrounded by garden beds and paths shaped as a giant turtle, playground structures on a safe permeable surface, over 0.16 mile of natural grit partially permeable walking trails and a 0.11-mile loop, pollinator garden, native and medicinal plant gardens, rain garden with retaining wall, interpretive signage, information kiosk, education area with seat walls, bench swing, mowed lawn areas, picnic tables, seating, rail fence, trees, and upgrades, a sidewalk and paved parallel parking along Vance Street.

As a result of this review the following is submitted:

☒ No Comment

☐ Comments Below

☐ Documents Attached

Reviewed By: JESSICA MOSLEY

Date: 7/30/2026

Control No.: 27-E-0000-0014

Date Received: 7/27/2026

County.: ROBESON

Agency Response: 8/25/2026

Review Closed: 8/25/2026

ALEX JONES
CLEARINGHOUSE COORDINATOR
DEPT OF AGRICULTURE

Project Information

Type: National Environmental Policy Act Scoping

Applicant: NC Dept of Public Safety

Project Desc.: Proposed project involves new construction of a Town-owned park featuring a bronze turtle sculpture surrounded by garden beds and paths shaped as a giant turtle, playground structures on a safe permeable surface, over 0.16 mile of natural grit partially permeable walking trails and a 0.11-mile loop, pollinator garden, native and medicinal plant gardens, rain garden with retaining wall, interpretive signage, information kiosk, education area with seat walls, bench swing, mowed lawn areas, picnic tables, seating, rail fence, trees, and upgrades, a sidewalk and paved parallel parking along Vance Street.

As a result of this review the following is submitted:

☒ No Comment

☐ Comments Below

☐ Documents Attached

Reviewed By: ALEX JONES

Date: 8/17/2026

Control No.: 27-E-0000-0014

Date Received: 7/27/2026

County.: ROBESON

Agency Response: 8/25/2026

Review Closed: 8/25/2026

TRAVIS SMITH

Clearinghouse Coordinator

NC DEPT OF ENVIRONMENTAL QUALITY

Project Information

Type: National Environmental Policy Act Scoping

Applicant: NC Dept of Public Safety

Project Desc.: Proposed project involves new construction of a Town-owned park featuring a bronze turtle sculpture surrounded by garden beds and paths shaped as a giant turtle, playground structures on a safe permeable surface, over 0.16 mile of natural grit partially permeable walking trails and a 0.11-mile loop, pollinator garden, native and medicinal plant gardens, rain garden with retaining wall, interpretive signage, information kiosk, education area with seat walls, bench swing, mowed lawn areas, picnic tables, seating, rail fence, trees, and upgrades, a sidewalk and paved parallel parking along Vance Street.

As a result of this review the following is submitted:

☐ No Comment

☐ Comments Below

☒ Documents Attached

Reviewed By: TRAVIS SMITH

Date: 8/25/2026



NORTH CAROLINA
Environmental Quality

JOSH STEIN
Governor

D. REID WILSON
Secretary

To: Gabrielle McKeithen
State Clearinghouse
NC Department of Administration

From: Travis Smith
Division of Environmental Assistance and Customer Service
NC Department of Environmental Quality

RE: 27 - 0014
Scoping - Proposed project involves new construction of a Town-owned park featuring a bronze turtle sculpture surrounded by garden beds and paths shaped as a giant turtle, playground structures on a safe permeable surface, over 0.16 mile of natural grit partially permeable walking trails and a 0.11-mile loop, pollinator garden, native and medicinal plant gardens, rain garden with retaining wall, interpretive signage, information kiosk, education area with seat walls, bench swing, mowed lawn areas, picnic tables, seating, rail fence, trees, and upgrades, a sidewalk and paved parallel parking along Vance Street.
Robeson County

Date: August 25, 2026

The Department of Environmental Quality has reviewed the proposal for the referenced project. Several of our agencies have identified potential permits that may be required and provided recommendations to help minimize negative impacts on and around the project site.

I have attached the comments for the applicant's consideration.

Thank you for the opportunity to respond.

Attachments



North Carolina Department of Environmental Quality

217 West Jones Street | 1601 Mail Service Center | Raleigh, North Carolina 27699-1601

919.707.8661

JOSH STEIN
Governor
D. REID WILSON
Secretary
MICHAEL SCOTT
Director



Date: August 10, 2026

To: Michael Scott, Director
Division of Waste Management

Through: Janet Macdonald
Inactive Hazardous Sites Branch

From: Katie C Tatum
Inactive Hazardous Sites Branch

Subject: NEPA Project # 27-0014 NC Dept of Public Safety, Robeson County, North Carolina

The Superfund Section has reviewed the proximity of sites under its jurisdiction to the NC Dept of Public Safety project. The proposed project is for the construction of construction of a Town-owned park featuring a bronze turtle sculpture surrounded by garden beds and paths shaped as a giant turtle, playground structures on a safe permeable surface, over 0.16 mile of natural grit partially permeable walking trails and a 0.11-mile loop, pollinator garden, native and medicinal plant gardens, rain garden with retaining wall, interpretive signage, information kiosk, education area with seat walls, bench swing, mowed lawn areas, picnic tables, seating, rail fence, trees, and upgrades, a sidewalk and paved parallel parking along Vance Street.

One (1) Superfund Section sites and one (1) Brownfields Program Sites were identified within one mile of the project as shown on the attached report. The Superfund Section recommends that site files be reviewed to ensure that appropriate precautions are incorporated into any construction activities that encounter potentially contaminated soil or groundwater. Superfund Section files can be viewed at: <http://deq.nc.gov/waste-management-laserfiche>.

Please contact Janet Macdonald at 919.707.8349 if you have any questions concerning the Superfund Section review portion of this SEPA/NEPA inquiry.



North Carolina Department of Environmental Quality | Division of Waste Management
217 West Jones Street | 1646 Mail Service Center | Raleigh, North Carolina 27699-1646
919.707.8200

Superfund and Brownfields Sites SEPA/NEPA Report

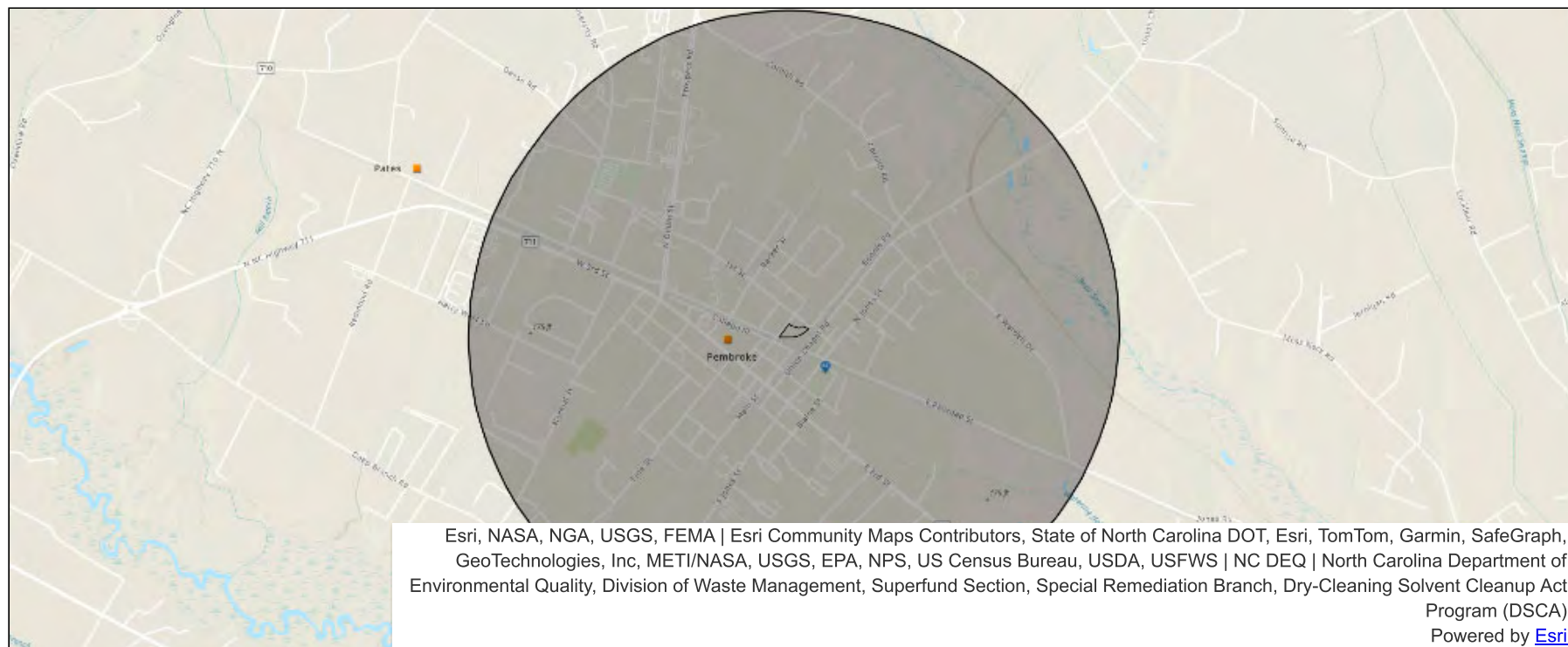
Area of Interest (AOI) Information

Robeson County

NEPA project 27-0014

Area: 3.36 mi²

Date: Mon Aug 10 2026 10:45:31 GMT-0400 (Eastern Daylight Time)



NC Brownfields Location_View

- Recorded
- RFR PC Complete
- Complete
- Active Eligible
- Inactive Eligible
- Pending
- No Further Interest
- Ineligible

Pre-Regulatory Landfill Sites

- Activity Pending
- Investigation
- No Further Action
- Remediation

Federal Remediation Branch



DryCleaning Remediation Program

- Contaminated
- Not A Site
- Investigation

Inactive Hazardous Sites



NC Brownfields Location_View | Total count: 1

#	BF_Name	BF_Number	Status
1	Pembroke Oil Bulk Plant	24024-20-078	Active Eligible

Inactive Hazardous Sites | Total count: 1

#	EPAID	SITENAME	Update Date
1	NONCD0002988	PEMBROKE FARM HOME & GARDEN	7/1/26

State of North Carolina Department of Environmental Quality
INTERGOVERNMENTAL REVIEW PROJECT COMMENTS

Reviewing Regional Office: Fayetteville
Project Number: 27-0014 Due Date: 08/21/26
County: Robeson

After review of this project, it has been determined that the DEQ permit(s) and/or approvals indicated may need to be obtained in order for this project to comply with North Carolina Law. Questions regarding these permits should be addressed to the Regional Office indicated on the reverse of the form. All applications, information, and guidelines relative to these plans and permits are available from the same Regional Office.

	PERMITS	SPECIAL APPLICATION PROCEDURES or REQUIREMENTS	Normal Process Time (statutory time limit)
☐	Permit to construct & operate wastewater treatment facilities, non-standard sewer system extensions & sewer systems that do not discharge into state surface waters.	Application 90 days before begins construction or award of construction contracts. On-site inspection may be required. Post-application technical conference usual.	30 days (90 days)
☐	Permit to construct & operate, sewer extensions involving gravity sewers, pump stations and force mains discharging into a sewer collection system	Fast-Track Permitting program consists of the submittal of an application and an engineer's certification that the project meets all applicable State rules and Division Minimum Design Criteria.	30 days (N/A)
☐	NPDES - permit to discharge into surface water and/or permit to operate and construct wastewater facilities discharging into state surface waters.	Application 180 days before begins activity. On-site inspection. Pre-application conference usual. Additionally, obtain permit to construct wastewater treatment facility-granted after NPDES. Reply time, 30 days after receipt of plans or issue of NPDES permit-whichever is later.	90-120 days (N/A)
☐	Water Use Permit	Pre-application technical conference usually necessary.	30 days (N/A)
☐	Well Construction Permit	Complete application must be received and permit issued prior to the installation of a groundwater monitoring well located on property not owned by the applicant, and for a large capacity (>100,000 gallons per day) water supply well.	7 days (15 days)
☐	Dredge and Fill Permit	Application copy must be served on each adjacent riparian property owner. On-site inspection. Pre-application conference usual. Filling may require Easement to Fill from N.C. Department of Administration and Federal Dredge and Fill Permit.	55 days (90 days)
☐	Minor Permit to construct & operate Air Pollution Abatement facilities and/or Emission Sources as per 15 A NCAC (2Q.0100 thru 2Q.0300)	Application must be submitted and permit received prior to construction and operation of the source. If a permit is required in an area without local zoning, then there are additional requirements and timelines (2Q.0113).	90 days
☐	Major permit to construct & operate Air Pollution Abatement facilities and/or Emission Sources as Per 15A NCAC (2Q.0500)	Application must be submitted and permit received prior to construction and operation of the source. If a permit is required in an area without local zoning, then there are additional requirements and timelines (2Q.0113).	90 -270 days
☒	Any open burning associated with subject proposal must be in compliance with 15 A NCAC 2D.1900	N/A	60 days (90 days)
☐	Demolition or renovations of structures containing asbestos material must be in compliance with 15 A NCAC 20.1110 (a) (1) which requires notification and removal prior to demolition. Contact Asbestos Control Group 919-707-5950	Please Note - The Health Hazards Control Unit (HHCU) of the N.C. Department of Health and Human Services, must be notified of plans to demolish a building, including residences for commercial or industrial expansion, even if no asbestos is present in the building.	60 days (90 days)
☐	The Sedimentation Pollution Control Act of 1973 must be properly addressed for any land disturbing activity. An erosion & sedimentation control plan will be required if one or more acres are to be disturbed. Plan must be filed with and approved by applicable Regional Office (Land Quality Section) at least 30 days before beginning activity. A NPDES Construction Stormwater permit (NCG010000) is also usually issued should design features meet minimum requirements. A fee of \$119 for the first acre or any part of an acre. An express review option is available with additional fees.		20 days (30 days)

State of North Carolina Department of Environmental Quality
INTERGOVERNMENTAL REVIEW PROJECT COMMENTS

Project Number: 27-0014 Due Date: 08/21/26
County: Robeson

	PERMITS	SPECIAL APPLICATION PROCEDURES or REQUIREMENTS
☐	Sedimentation and erosion control must be addressed in accordance with NCDOT's approved program. Particular attention should be given to design and installation of appropriate perimeter sediment trapping devices as well as stable Stormwater conveyances and outlets.	(30 days)
☐	Sedimentation and erosion control must be addressed in accordance with _____ Local Government's approved program. Particular attention should be given to design and installation of appropriate perimeter sediment trapping devices as well as stable Stormwater conveyances and outlets.	Based on Local Program
☐	Compliance with 15A NCAC 2H .0126 - NPDES Stormwater Program which regulates three types of activities: Industrial, Municipal Separate Storm Sewer System & Construction activities that disturb ≥1 acre.	30-60 days (90 days)
☐	Compliance with 15A NCAC 2H 1000 -State Stormwater Permitting Programs regulate site development and post-construction stormwater runoff control. Areas subject to these permit programs include all 20 coastal counties and various other counties and watersheds throughout the state.	45 days (90 days)
☐	Mining Permit	On-site inspection usual. Surety bond filed with DEQ Bond amount varies with type mine and number of acres of affected land. Affected area greater than one acre must be permitted. The appropriate bond must be received before the permit can be issued.
☐	Dam Safety Permit	If permit required, application 60 days before begin construction. Applicant must hire N.C. qualified engineer to: prepare plans, inspect construction, and certify construction is according to DEQ approved plans. May also require a permit under mosquito control program. And a 404 permit from Corps of Engineers. An inspection of site is necessary to verify Hazard Classification. A minimum fee of \$200.00 must accompany the application. An additional processing fee based on a percentage of the total project cost will be required upon completion.
☐	Oil Refining Facilities	N/A
☐	Permit to drill an exploratory oil or gas well	File surety bond of \$5,000 with DEQ running to State of NC conditional that any well opened by drill operator shall, upon abandonment, be plugged according to DEQ rules and regulations.
☐	Geophysical Exploration Permit	Application filed with DEQ at least 10 days prior to issue of permit. Application by letter. No standard application form.
☐	State Lakes Construction Permit	Application fee based on structure size is charged. Must include descriptions & drawings of structure & proof of ownership of riparian property
☐	401 Water Quality Certification	Compliance with the T15A 02H .0500 Certifications are required whenever construction or operation of facilities will result in a discharge into navigable water as described in 33 CFR part 323.
☐	Compliance with Catawba, Goose Creek, Jordan Lake, Randleman, Tar Pamlico, or Neuse Riparian Buffer Rules is required. Buffer requirements: http://deq.nc.gov/about/divisions/water-resources/water-resources-permits/wastewater-branch/401-wetlands-buffer-permits/401-riparian-buffer-protection-program	
☐	Nutrient Offset: Loading requirements for nitrogen and phosphorus in the Neuse and Tar-Pamlico River basins, and in the Jordan and Falls Lake watersheds, as part of the nutrient-management strategies in these areas. DWR nutrient offset information: http://deq.nc.gov/about/divisions/water-resources/planning/nonpoint-source-management/nutrient-offset-information	
☐	CAMA Permit for MAJOR development	\$297.00 - \$563.00 fee must accompany application
☐	CAMA Permit for MINOR development	\$119.00 fee must accompany application
☐	Abandonment of any wells, if required, must be in accordance with Title 15A. Subchapter 2C.0100.	
☒	Notification of the proper regional office is requested if "orphan" underground storage tanks (USTS) are discovered during any excavation operation.	

Reviewing Regional Office: Fayetteville

State of North Carolina Department of Environmental Quality
INTERGOVERNMENTAL REVIEW PROJECT COMMENTS

Project Number: 27-0014 Due Date: 08/21/26
County: Robeson

	PERMITS	SPECIAL APPLICATION PROCEDURES or REQUIREMENTS
☐	Plans and specifications for the construction, expansion, or alteration of a public water system must be approved by the Division of Water Resources/Public Water Supply Section prior to the award of a contract or the initiation of construction as per 15A NCAC 18C .0300 et. seq., Plans and specifications should be submitted to 1634 Mail Service Center, Raleigh, North Carolina 27699-1634. All public water supply systems must comply with state and federal drinking water monitoring requirements. For more information, contact the Public Water Supply Section, (919) 707-9100.	30 days
☒	If existing water lines will be relocated during the construction, plans for the water line relocation must be submitted to the Division of Water Resources/Public Water Supply Section at 1634 Mail Service Center, Raleigh, North Carolina 27699-1634. For more information, contact the Public Water Supply Section, (919) 707-9100.	30 days
☐	Plans and specifications for the construction, expansion, or alteration of the _____ water system must be approved through the _____ delegated plan approval authority. Please contact them at _____ for further information.	

Other Comments (attach additional pages as necessary, being certain to comment authority)

Division	Initials	No comment	Comments	Date Review
DAQ	JDC	☒		8/6/26
DWR		☐		/ /
DWR-PWS	HLC	☐	see above comments	8/20/26
DEMLR (LQ)	MAJ	☐	Submit an erosion and sediment control plan (ESCP) at least 30 days prior to initiating land-disturbing activity that satisfies the one (1) acre regulatory threshold. Additional information pertaining to our ESCP application process may be found at Erosion and Sediment Control NC DEQ	7/28/26
DEMLR (SW)	MAJ	☐	Obtain NPDES Construction Stormwater General Permit NCG010000 Certificate of Coverage prior to initiating land-disturbing activity following approval of the ESCP by going to the following link https://www.deq.nc.gov/accessdeq	7/28/26
DWM – UST	KEC	☐	The UST Section, Fayetteville Regional Office, does not have records of a petroleum release for the parcels identified for this project, nor are there any records of registered USTs. The closest known petroleum release occurred at the Glenn's Quick Stop, 101 East Railroad Street, Incident 18221, closed out 4/30/2021. Available records can be viewed using the link below: https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&searchcommand=[[WM]:[Subdivision]]=%22UST%22,[Program_ID]=%22FA-951%22	7/28/26
DCM		☐		/ /
Other		☐		/ /
Other		☐		/ /

REGIONAL OFFICES

Questions regarding these permits should be addressed to the Regional Office marked below.

☐ **Asheville Regional Office**
2090 U.S. 70 Highway
Swannanoa, NC 28778-8211
Phone: 828-296-4500
Fax: 828-299-7043

☒ **Fayetteville Regional Office**
225 Green Street, Suite 714,
Fayetteville, NC 28301-5043
Phone: 910-433-3300
Fax: 910-486-0707

☐ **Mooresville Regional Office**
610 East Center Avenue, Suite 301,
Mooresville, NC 28115
Phone: 704-663-1699
Fax: 704-663-6040

State of North Carolina Department of Environmental Quality
INTERGOVERNMENTAL REVIEW PROJECT COMMENTS

- | | | |
|---|---|--|
| ☐ Raleigh Regional Office
3800 Barrett Drive,
Raleigh, NC 27609
Phone: 919-791-4200
Fax: 919-571-4718 | ☐ Washington Regional Office
943 Washington Square Mall,
Washington, NC 27889
Phone: 252-946-6481
Fax: 252-975-3716 | ☐ Wilmington Regional Office
127 Cardinal Drive Ext.,
Wilmington, NC 28405
Phone: 910-796-7215
Fax: 910-350-2004 |
| | ☐ Winston-Salem Regional Office
450 Hanes Mill Road, Suite 300,
Winston-Salem, NC 27105
Phone: 336-776-9800
Fax: 336-776-9797 | |



MEMORANDUM

TO: Michael Scott, Division Director through Sharon Brinkley

FROM: Amanda Thompson, Environmental Senior Specialist – Solid Waste Section

DATE: August 19, 2026

SUBJECT: Review: SW 27-0014 – Robeson County (Scoping – NC Dept. of Public Safety – Proposed project involves new construction of a Town-owned park featuring a bronze turtle sculpture surrounded by garden beds and paths shaped as a giant turtle, playground structures educational and picnic areas and parking along Vance Street in Pembroke.)

The Division of Waste Management, Solid Waste Section (Section) has reviewed the documents submitted for the subject project in Robeson County, NC. Based on the information provided in this document, the Section at this time does not see an adverse impact on the surrounding communities and likewise knows of no situations in the communities which would affect this project.

For any planned or proposed projects, it is recommended that during any land clearing, demolition, and construction, the NC Dept. of Public Safety and/or its contractors 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 project that cannot be beneficially reused or recycled as described, may require disposal of at a solid waste management facility permitted by the Division. The Section strongly recommends that the NC Dept. of Public Safety require all contractors to provide proof of proper disposal for all generated waste to permitted facilities.**

Permitted solid waste management facilities are listed on the Division of Waste Management, Solid Waste Section portal site at: <https://deq.nc.gov/about/divisions/waste-management/waste-management-rules-data/solid-waste-management-annual-reports/solid-waste-permitted-facility-list>

And the site locator tool at:

<https://ncdenr.maps.arcgis.com/apps/webappviewer/index.html?id=7dd59be2750b40bebebf49fc383f688>

Questions regarding solid waste management for this project should be directed to Dee Stowe, Environmental Senior Specialist, Solid Waste Section, at (910) 433-3350.

cc: Dee Stowe, Environmental Senior Specialist



Department of Environmental Quality

Project Review

Project Number: 27-0014

County: Robeson

Date Received: 7-27-2026

Due Date: 8-21-2026

Project Description

Scoping - Proposed project involves new construction of a Town-owned park featuring a bronze turtle sculpture surrounded by garden beds and paths shaped as a giant turtle, playground structures on a safe permeable surface, over 0.16 mile of natural grit partially permeable walking trails and a 0.11-mile loop, pollinator garden, native and medicinal plant gardens, rain garden with retaining wall, interpretive signage, information kiosk, education area with seat walls, bench swing, mowed lawn areas, picnic tables, seating, rail fence, trees, and upgrades, a sidewalk and paved parallel parking along Vance Street.

This Project is being reviewed as indicated below:

Regional Office	Regional Office Area	In-House Review
☐ Asheville	☒ Air	☐ Air Quality
☐ Fayetteville	☐ DWR	☐ Waste Mgmt (HW, SF, SW)
☐ Mooresville	☒ DWR - Public Water	☐ Water Resources Mgmt (Public Water, Planning & Water Quality Program)
☒ Raleigh	☐ DEMLR (LQ & SW)	☐ DWR - Transportation Unit - Holley
☐ Washington	☐ DWM - UST	
☐ Wilmington		
☐ Winston Salem		

Manager Sign-Off/Region:	Date: 8/6/2026	In-House Reviewer/Agency: DWR/WRM David Wainwright
--------------------------	-------------------	--

Response (check all applicable)	
☐ No objection to project as proposed.	☒ No Comment
☐ Insufficient information to complete review	☐ Other (specify or attach comments)

Department of Environmental Quality

Project Review

Project Number: 27-0014

County: Robeson

Date Received: 7-27-2026

Due Date: 8-21-2026

Project Description

Scoping - Proposed project involves new construction of a Town-owned park featuring a bronze turtle sculpture surrounded by garden beds and paths shaped as a giant turtle, playground structures on a safe permeable surface, over 0.16 mile of natural grit partially permeable walking trails and a 0.11-mile loop, pollinator garden, native and medicinal plant gardens, rain garden with retaining wall, interpretive signage, information kiosk, education area with seat walls, bench swing, mowed lawn areas, picnic tables, seating, rail fence, trees, and upgrades, a sidewalk and paved parallel parking along Vance Street.

This Project is being reviewed as indicated below:

Regional Office	Regional Office Area	In-House Review
☐ Asheville	☒ Air	☐ Air Quality
☐ Fayetteville	☐ DWR	☐ Waste Mgmt (HW, SF, SW)
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☒ Raleigh	☐ DEMLR (LQ & SW)	☐ DWR - Transportation Unit - Holley
☐ Washington	☐ DWM - UST	
☐ Wilmington		
☐ Winston Salem		

Manager Sign-Off/Region:	Date: 8-20-26	In-House Reviewer/Agency: Melodi Deaver, Hazardous Waste Section
--------------------------	------------------	---

Response (check all applicable)	
☐ No objection to project as proposed.	☒ No Comment
☐ Insufficient information to complete review	☐ Other (specify or attach comments)

Department of Environmental Quality

Project Review

Project Number: 27-0014

County: Robeson

Date Received: 7-27-2026

Due Date: 8-21-2026

Project Description

Scoping - Proposed project involves new construction of a Town-owned park featuring a bronze turtle sculpture surrounded by garden beds and paths shaped as a giant turtle, playground structures on a safe permeable surface, over 0.16 mile of natural grit partially permeable walking trails and a 0.11-mile loop, pollinator garden, native and medicinal plant gardens, rain garden with retaining wall, interpretive signage, information kiosk, education area with seat walls, bench swing, mowed lawn areas, picnic tables, seating, rail fence, trees, and upgrades, a sidewalk and paved parallel parking along Vance Street.

This Project is being reviewed as indicated below:

Regional Office	Regional Office Area	In-House Review
☐ Asheville	☒ Air	☐ Air Quality
☐ Fayetteville	☐ DWR	☐ Waste Mgmt (HW, SF, SW)
☐ Mooresville	☒ DWR - Public Water	☐ Water Resources Mgmt (Public Water, Planning & Water Quality Program)
☒ Raleigh	☐ DEMLR (LQ & SW)	☐ DWR - Transportation Unit - Holley
☐ Washington	☐ DWM - UST	
☐ Wilmington		
☐ Winston Salem		

Manager Sign-Off/Region:	Date:	In-House Reviewer/Agency: Gabriela Garrison/NCWRC
--------------------------	-------	--

Response (check all applicable)

☐ No objection to project as proposed.

☒ No Comment

☐ Insufficient information to complete review

☐ Other (specify or attach comments)

FONSI/NOI-RROF

To be Added