

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

Project Information

Project Name: Crestfield Point Apartments

Project Location: 350 Blue Creek School Road, Jacksonville, Onslow County, NC 28540

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

Responsible Entity: North Carolina Office of Recovery and Resiliency (NCORR)

Project Administrator: North Carolina Housing Finance Agency (NCHFA)

Grant Recipient: Crestfield Point, LLC

State/Local Identifier: B-19-DV-37-0001 and B-19-DV-37-0002

Preparer: Andrea Gievers, Environmental SME, NCORR

Certifying Officer Name and Title: Laura H. Hogshead, Director, NCORR

Consultant: Atlantic Shores Environmental Services Ltd.

Direct Comments to:

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Project Location:

The proposed project location is 350 Blue Creek School Road, Jacksonville, Onslow County, NC 28540. The site consists of a portion of Onslow County Parcel ID number 332-88 and is owned by East Point Homes, LLC. The site encompasses approximately 13.2 acres of a 26.5-acre tax parcel. The parcel is located on Blue Creek School Road and has frontage along Blue Creek School Road to the south.

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

Crestfield Point Apartments (“proposed project”) is a new construction project that will result in seventy-two (72) units of affordable apartments in Jacksonville, North Carolina. The development will consist of three 3-story buildings with 24 residential units per structure.

The affordable apartment complex will consist of one-bedroom, two-bedroom and three-bedroom units. Each building will have twelve (12) one-bedroom, thirty-six (36) two-bedroom and twenty-four (24) three-bedroom units. The community will feature a clubhouse building with a multipurpose room and a kitchenette area for resident meetings and activities along with a residential computer lab. A laundry area and covered mailbox facilities will also be located at the clubhouse building along with office space for the on-site management and maintenance storage area. Outdoor amenities will include seating areas, a covered picnic pavilion and grill area, playground, and a tot lot. The site design includes walkways throughout to connect amenity areas, community building, parking and residential buildings, and will be ADA compliant.

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

The Crestfield Point Apartments project will provide affordable housing to the residents of Jacksonville, North Carolina. More affordable housing options are needed to address the shortage in inventory exacerbated by the effects of the landfall of Hurricanes Matthew (October 8, 2016) and Florence (September 14, 2018). The availability of housing affordable to lower income families was reduced by flooding effects of the storms which disproportionately affected older, more affordable housing stock, leaving it uninhabitable. The proposed units will help fulfill the affordable housing needs of the population of the Jacksonville community.

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

The proposed project site is currently vacant land. The site is located in a mixed-use area of Onslow County. Agricultural, commercial, and residential properties surround the proposed project site. The proposed project site and the western adjoining property appear to have been initially developed as agricultural property some time prior to 1942. The proposed project site had been used as a strawberry farm for many years.

The surrounding site area was primarily wooded and agricultural in 1950's. However, the area began becoming residentially and commercially developed in the late 1980's. Vacant land and residential properties are located north and east of the site. A soccer park and residential property are located south of the site across Blue Creek School Road. Property west of the site is being developed as an apartment complex. Further west of the site are residential properties and what appears to be two properties associated with automobile repair and or service and salvage. West across Blue Creek School Road is a strip industrial/commercial building occupied by numerous businesses.

Funding Information

Grant Number	HUD Program	Funding Amount
B-19-DV-37-0001 and B-19-DV-37-0002	CDBG-DR	\$2,500,000.00
<i>(Separate 24 CFR 58 Review)</i>	<i>HOME Match RPP Loan</i>	<i>\$800,000.00</i>

Estimated Total HUD Funded Amount: \$3,300,000.00

Non-HUD Funding Source: Bank Loan

Non-HUD Funding Amount: \$2,060,000.00

Non-HUD Funding Source: Federal LIHTC

Non-HUD Funding Amount: \$6,820,296.00

Estimated Total Non-HUD Funded Amount: \$8,880,296.00

Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]: \$12,180,296.00

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

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

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or mitigation required?	Compliance determinations
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 and 58.6		
Airport Hazards 24 CFR Part 51 Subpart D	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	<p>The proposed project site 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.</p> <p><i>See Figure 1 - Airport Maps</i></p>
Coastal Barrier Resources Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	<p>This proposed project is not located in or in proximity to a Coastal Barrier Resource System (CBRS) Unit. Therefore, this proposed project has no potential to impact a CBRS Unit and is in compliance with the Coastal Barrier Resources Act.</p> <p><i>See Figure 2 - CBRS Map</i></p>
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 <input type="checkbox"/> <input checked="" type="checkbox"/>	<p>According to the FEMA Flood Insurance Rate Map (FIRM) Panel Number 3720435600J dated 11/3/2005, the proposed project site and surrounding area are located in Zone X, outside of the Special Flood Hazard Area. The proposed project site does not include any areas of regulatory floodway. There are no Preliminary FIRMs available at the FEMA Flood Map Service Center for the proposed project site. Thus, flood insurance will not be required for the proposed project because all insurable structures will be located in Zone X. While flood insurance may not be mandatory in this instance, HUD recommends that all insurable structures maintain flood insurance under the NFIP. The proposed project</p>

		<p>is in compliance with flood insurance requirements.</p> <p><i>See FEMA FIRM</i></p>
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 & 58.5		
<p>Clean Air</p> <p>Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>According to the EPA Greenbook, the proposed project site is not located in a county in nonattainment or maintenance status for any criteria pollutants. The construction and operation of the 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. The proposed project would not exceed de minimis emissions levels for federal general conformity purposes (40 CFR § 93.153(c)(2)).</p> <p>The proposed project constructs a multifamily residential structure with amenities. The proposed project will not generate significant levels of vehicular traffic. 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 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 construction vehicles and machinery will operate 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</p>

		<p>construction hours only and removal once construction is completed.</p> <p>Based on the EPA's Radon Zone Map, the proposed project site is located within Zone 3 with predicted average indoor radon screening levels less than 2 pCi/L (Low Potential) (see Attachment). Due to the low potential for elevated indoor radon levels, no additional steps are required for radon mitigation.</p> <p>Therefore, there will be no significant impact to air quality from the proposed project. The operation of the proposed project following the completion of construction activities will not increase emissions. Any air quality impacts would be short-term and localized during construction, and no significant adverse impacts to air quality are anticipated. Thus, the proposed project is in compliance with this section.</p> <p><i>See attached EPA Greenbook - https://www3.epa.gov/airquality/greenbook/anayo_nc.html and EPA NC Radon Zone Map. Also, Recent Updates: Federal Register Notices Published or Effective After May 31, 2022 Green Book US EPA online.</i></p>
<p>Coastal Zone Management</p> <p>Coastal Zone Management Act, sections 307(c) & (d)</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The proposed project involves new construction and is located in a coastal zone, but it has been determined to be consistent with the State coastal management program. The attached coastal zone map depicts the site location relative to the nearest coastal zone. Therefore, the NC Division of Coastal Management (NC DCM) was contacted to determine whether the proposed project is consistent with the State coastal zone management program's consistency criteria.</p> <p>NC DCM reviewed the proposed project information submitted pursuant to the management objectives and enforceable policies of Subchapters 7H and 7M of Chapter 7 in Title 15A of the North Carolina Administrative Code, and concurred that the proposed activity is consistent with North Carolina's approved coastal management program. NC DCM's correspondence and email determination are</p>

		<p>attached. The proposed project is in compliance with the Coastal Zone Management Act.</p> <p><i>See email from Daniel Govoni, Federal Consistency Coordinator, dated November 9, 2021.</i></p>
<p>Contamination and Toxic Substances</p> <p>24 CFR Part 50.3(i) & 58.5(i)(2)</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>A site inspection was performed on the proposed project site and no hazards were identified. The site is not 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 US EPA. There are no federal Superfund sites, Brownfield sites, Toxic Release Inventory sites or air emission facilities located within a one-mile radius. The NC Division of Waste management (DWM) Site Locator Tool does not identify a toxic or solid waste landfill within 3,000 feet of the site. Also, according to NC DWM Underground Storage Tank (UST) Division, a search of the UST Section databases found no reported petroleum releases known to exist at this location nor any records of registered USTs at this location (See State Environmental Clearinghouse [SCH] Comments).</p> <p>According to NC DWM, there are three Superfund sites located within one-mile of the proposed project site (See SCH Comments). One Pre-regulatory Landfill Site identified as Ray's Rural Dump is located just outside a one-mile radius search using the entire parcel (owned by East Point Homes, LLC) in the NC DWM Site Locator Tool. Further, the last Sampling Event on June 22, 2016 determined that the "levels of volatiles and inorganics detected should not result in any adverse health effects associated with any of the substances noted." Therefore, Ray's Rural Dump does not pose a hazard that could affect the health and safety of occupants or conflict with the intended utilization of the subject property. Two Inactive hazardous Sites, Tommy Pollard Property – Parcel 901 and Dodson Exterminators/ US Cellular were identified by NC DWM in the SCH comments and are evaluated in the Phase I Environmental Site Assessment (ESA) issued on November 17, 2021. Due to the distances from the proposed project site, both sites were determined</p>

		<p>to not pose a hazard that could affect the health and safety of occupants or conflict with the intended utilization of the subject property. According to the NC DWM Site Locator Tool, there were no sites identified within a 0.25-mile radius of the entire parcel (owned by East Point Homes, LLC).</p> <p>NEPAssist identified RCRA hazardous waste sites located within 0.5-mile of the proposed project site. These include the Walmart Supercenter (very small quantity generator [VSQG]), Sally Beauty Supply (VSQG), Onslow County Board of Education (Elementary school – mercury), and Marlene’s Garage (no violations 7/1/19-6/30/22). A review of the available facility records shows that these facilities include two retail very small quantity generators, a school, and garage with no reported violations. 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. NEPAssist identified five NPDES water discharger sites located within 1-mile of the proposed project site. Bob’s Auto Salvage’s permit expired in 2017 and has no reports of violations for the last three years. Beacham Apartments’ (incorrectly listed on map as Osprey Cove) last Clean Water Act (CWA) violation was 4/1/20-6/30/20 and SDWA violation in 1/1/19-3/31/19. A-1 Cleaners and Laundry Inc. has CWA violations from 4/1/20-3/31/22 with no toxic release inventory (TRI) releases reported. Blue Creek Utilities Inc. has CWA violations from 1/1/21-6/24/22. However, 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 status, distance from the proposed site, type of violation, and/or the use of a municipal water supply at the site.</p> <p>The Phase I ESA report identified and evaluated other potential hazards and concluded that there are no on-site recognized environmental conditions (RECs). Based upon the site inspection, NEPAssist and NC DWM search results, and the Phase I ESA, there were no hazards identified that could affect the health and safety of occupants or conflict with the intended utilization of the subject property. The proposed</p>
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<p>Endangered Species</p> <p>Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The proposed project site consists of vacant, mostly clear cut land used for agricultural purposes (strawberry farm) since prior to 1942 (see site photos and Phase I ESA).</p> <p>According to the USFWS Information for Planning and Consultation (IPaC) Official Species List prepared for the proposed project site, there are a total of fourteen threatened, endangered, or candidate species identified. However, based on the USFWS IPaC and Critical Habitat Mapper results, there are no critical habitats identified within the proposed project area. Onslow County is not identified as a Northern Long-eared Bat known presence county.</p> <p>In addition, the NC Natural Heritage Program (NC NHP) database query documented element occurrences within a one-mile radius of the proposed project site. A query of the NC NHP database resulted in no records for important natural communities, natural areas, and/ or conservation/ managed areas within the proposed project boundary.</p> <p>ASE did not observe any of the above-listed species during the site visit. In addition, the proposed project site does not contain suitable habitat for these species and is located near a densely developed area, including a Walmart Supercenter. Therefore, ASE has determined that the project will have No Effect on all of the above-listed species. A Self-certification Letter and 10-step Project Review Package were prepared and submitted to the USFWS Raleigh Ecological Services Field Office on June 28, 2022. USFWS has not contacted NCORR for additional information. The Grant Recipient will update this determination annually for multi-year activities.</p> <p>The Self-Certification Letter dated June 23, 2022 states that “we concur with the ‘no effect’ or ‘not likely to adversely affect’ determinations for</p>

		<p>proposed and listed species and proposed and designated critical habitat; the ‘may affect’ determination for Northern long-eared bat; and/or the ‘no Eagle Act permit required’ determinations for eagles. Additional coordination with this office is not needed” (see Attachment).</p> <p><i>See Self-certification Letter and 10-step Project Review Package</i></p>
<p>Explosive and Flammable Hazards</p> <p>24 CFR Part 51 Subpart C</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The Phase I ESA conducted at the site did not identify explosive or flammable hazards at the site or in the vicinity of the site. Additionally, the site reconnaissance did not identify such hazards. ASTs were not identified within one mile of the site during the site visit or review of maps and photographs. A completed Thermal and Explosives Hazards Worksheet does not indicate that such hazards are associated with the site or surrounding properties. The proposed project is in compliance with explosive and flammable hazard requirements.</p> <p><i>See Phase I ESA site visit, EDR in Phase I Appendix and Thermal and Explosive Hazards worksheet.</i></p>
<p>Farmlands Protection</p> <p>Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The proposed project includes activities that could potentially convert agricultural land to a non-agricultural use, but an exemption applies. According to 7 CFR Part 658.2(a) “[f]armland does not include land already committed to urban development.” Further, the regulation defines “[f]armland already in urban development” as land “identified as an ‘urbanized area’ (UA) on the Census Bureau Map.” According to NEPAassist, the proposed project site is located in an UA according to data derived from the 2019 U.S. Census Bureau TIGER/Line Urban Areas. Urbanized Areas are contiguous areas of populations greater than 50,000. The proposed project is exempt from the Farmlands Protection Act and is in compliance with this section.</p> <p><i>See NEPAassist Urbanized Areas map and USDA NRCS Soil Survey</i></p>
<p>Floodplain Management</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>According to the FEMA Flood Insurance Rate Map (FIRM) Panel Number 3720435600J dated 11/3/2005, the proposed project site and</p>

Executive Order 11988, particularly section 2(a); 24 CFR Part 55		<p>surrounding area are located in Zone X, outside of the Special Flood Hazard Area. Thus, the proposed project is in compliance with this section.</p> <p><i>See FEMA FIRM</i></p>
<p>Historic Preservation</p> <p>National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The North Carolina State Historic Preservation Office (NC SHPO) was consulted if the proposed project would have adverse effects on historic or archeological resources at the site. NCORR submitted the proposed project to the NC SHPO on March 22, 2022 and the NC SHPO responded on May 5, 2022 “that the project as proposed will not have an effect on any historic structures” and there are “no known archaeological sites within the proposed project area.”</p> <p>According to the HUD Tribal Directory Assessment Tool (TDAT), the Catawba Indian Nation is the only tribe with interests in Onslow County, North Carolina. On January 13, 2022, NCORR consulted with the Catawba Indian Nation for discussion of historic properties in the proposed project area that may have religious and cultural significance. On February 22, 2022, the Catawba Indian Nation’s Tribal Historic Preservation Office (THPO) responded that “[t]he 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.” The proposed project is in compliance with Section 106.</p> <p><i>See SHPO correspondence and Catawba Indian Nation correspondence</i></p>
<p>Noise Abatement and Control</p> <p>Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The proposed project does not involve siting a noise generating facility. According to the NEPA Assist Map with a 15-mile buffer from the proposed project site, there are two airports, Sky Manor and Albert J. Ellis Airport. Albert J. Ellis Airport is located approximately 11.28 miles from the closest runway to the proposed project site boundary. Sky Manor Airport is located approximately 7.9 miles from the closest runway</p>

		<p>to the proposed project site boundary. According to the US Department of Transportation (US DOT) Federal Aviation Administration (FAA) Airport Master Record 5010 Report, the Albert J. Ellis Airport operations fall below the HUD operations' thresholds and, thus, the noise attributed to the airplanes will not exceed beyond the boundaries of the airport (see Attachments). According to the US DOT FAA Airport Master Record 5010 Report, the Sky Manor Airport operations fall below the HUD operations' thresholds and, thus, the noise attributed to the airplanes will not exceed beyond the boundaries of the airport (see Attachments).</p> <p>The HUD Day/Night Noise Level (DNL) calculator was completed for the proposed project site location. Roads in the vicinity were identified and noise levels associated with NC DOT average annual daily traffic (AADT) flow for roads were inserted into the calculator. Railroads were not identified in the vicinity of the site and, therefore, not added to the DNL calculator. The DNL calculator identified a current decibel level at the proposed project site of 56 dB (attached), which is below the mitigation standard of 65 dB. The two-lane Blue Creek School Road in front of the proposed project site has a NC DOT AADT (2020) of 1,700, and was not included in the DNL calculations because it is not a major roadway. The Burgaw Highway (53) located 2,172 feet northwest of the closest proposed residential building has a NC DOT AADT (2020) of 14,500. NC Highway 24 located approximately 1,300 feet north/ northeast of the closest proposed residential building has a NC DOT AADT (2020) of 24,500. The 2040 AADT Forecasts are 2,200 for Blue Creek School Road, 31,000 for Burgaw Highway (53) north of Blue Creek School Road and 35,000 for NC Highway 24 east of NC 53. Using the NC DOT AADT 2020 percentages for truck traffic, the HUD DNL Calculator results using the 2040 AADT forecasts are 58db combined DNL (see attached), which is below the mitigation standard of 65 dB. According to the analysis completed by using the HUD DNL Calculator for the project data, noise abatement is not required.</p>
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<p>Sole Source Aquifers</p> <p>Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>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.</p> <p><i>See Figure 14 - EPA Sole Source Aquifer Map</i></p>
<p>Wetlands Protection</p> <p>Executive Order 11990, particularly sections 2 and 5</p>	<p>Yes No</p> <p><input checked="" type="checkbox"/> <input type="checkbox"/></p>	<p>According to the USFWS National Wetlands Inventory (NWI) Mapper, wetland features are not depicted on the site. Wetlands were not identified during the site visit within the boundaries of the proposed project site. A manmade pond was observed at the site on the northeastern portion of the property. The manmade irrigation pond was likely built for the former agricultural use (strawberry farm) on the site. The manmade pond was not identified as a wetland because the pond and the area around the pond did not show either, hydrology, wetland vegetation or hydric soils and it was built for irrigation purposes (see Executive Order 11990 Section 7[c]).</p> <p>The proposed project site plans show preliminary notations for potential onsite wetlands. An application for a U.S. Army Corps of Engineers (USACE) jurisdictional determination (JD) has been submitted and the resulting USACE-issued JD and any accompanying delineation will serve as the determination for the location of onsite wetlands. The wetlands will be determined whether they meet the HUD definition of wetlands under 24 CFR 55.2(b)(11) which can include non-jurisdictional and jurisdictional wetlands. The permanent restrictive covenant will apply to onsite HUD-defined wetlands. HUD regulation 24 CFR 55.12 Inapplicability of 24 CFR part 55 to certain categories of proposed</p>

		<p>actions applies to this proposed project. According to 24 CFR 55.12(c), “[t]his part shall not apply to the following categories of proposed HUD actions:” (7) HUD's or the responsible entity's approval of a project site, an incidental portion of which is situated in an adjacent floodplain, including the floodway or Coastal High Hazard Area, or wetland, but only if: (i) The proposed construction and landscaping activities (except for minor grubbing, clearing of debris, pruning, sodding, seeding, or other similar activities) do not occupy or modify the 100-year floodplain (or the 500-year floodplain for critical actions) or the wetland; (ii) Appropriate provision is made for site drainage that would not have an adverse effect on the wetland; and (iii) A permanent covenant or comparable restriction is placed on the property's continued use to preserve the floodplain or wetland.</p> <p>Proposed project construction and landscaping activities shall not occupy or modify the wetland. Appropriate provision shall be made for site drainage to not have an adverse effect on the wetland. Further, a permanent restrictive covenant shall be placed on the property's continued use to preserve the wetland. The Grant Recipient (Developer) agrees that no ground disturbance (either temporary or permanent) will occur in the wetland. The Developer further agrees to record a restrictive covenant on the wetlands area within 60 days of site acquisition. Executive Order 11990 and 24 CFR Part 55 are not applicable per 24 CFR 55.12(c)(7) requirements being complied with.</p> <p>According to NC DEQ Division of Water Resources (DWR), it is “recommended to schedule a site visit with 401 Water quality staff to discuss the proposal and to ensure compliance will be maintained per 401 Surface Water requirements, and surface water standards. If wetland, riparian buffers or stream impacts are proposed, this project will need to comply with/secure a 404 permit from the USACE, obtain a 401 Water Quality Certification authorization and a riparian buffer authorization.” In addition, “[c]ompliance with the T15A 02H .0500 Certifications are required whenever construction</p>
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		<p>or operation of facilities will result in a discharge into navigable water as described in 33 CFR part 323.” Section 401 of the CWA regulates discharge of fill into 4 basic types of jurisdictional waters: wetlands; other special aquatic sites; open waters; and streams and rivers. USACE has been contacted for a jurisdictional determination and whether a permit and/ or mitigation is necessary.</p> <p>The proposed project will have a stormwater permit and a Stormwater Pollution Prevention Plan (SWPPP). According to NC DEQ, “[s]edimentation and erosion control must be addressed in accordance with Jacksonville 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.” Further, the proposed project will comply with 15A NCAC 2H 1000 State Stormwater Permitting Programs that regulate site development and post-construction stormwater runoff control. According to NC DEQ, areas subject to these permit programs include all 20 coastal counties, and various other counties and watersheds throughout the state. BMPs for erosion and sedimentation control such as silt fencing will be utilized during construction. Thus, measures will be implemented to ensure the proposed project will have no impacts to wetlands during construction.</p> <p>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 environmental review record when received from the permitting agencies. The proposed project is in compliance with this section.</p> <p><i>See USFWS NWI Mapper, field observation site photos (11/16/21), site plans, USACE JD Application, Memorandum of Agreement with Restrictive Covenant, and State Environmental Clearinghouse Comments</i></p>
Wild and Scenic Rivers	Yes No	According to the attached U.S. National Park Service Nationwide Rivers Inventory Map and

Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)	<input type="checkbox"/> <input checked="" type="checkbox"/>	National Wild and Scenic River System Map, the proposed project site, and the City of Jacksonville, is not located in proximity to wild and scenic rivers. The proposed project is in compliance with this section. <i>See Nationwide Rivers Inventory Map and Figure 16 - National Wild and Scenic River System Map</i>
ENVIRONMENTAL JUSTICE		
Environmental Justice Executive Order 12898	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	According to the NCDEQ Community Mapping System, the proposed project site is located within NC DEQ's Potentially Underserved Block Groups 2019. According to the EPA Environmental Justice Screening and Mapping Tool, the proposed project site has a 37-39% minority population and 47% low-income population within a one-mile radius. The proposed project does not facilitate development which would result in disproportionate adverse environmental impacts on low-income or minority populations. Rather, the proposed project will develop the site with affordable housing for low- and middle-income families of the local area. No adverse environmental impacts were identified in the proposed project's environmental review. The proposed project is in compliance with EO 12898. <i>See NCDEQ Community Mapping, EJSCREEN ACS Summary Report, EJSCREEN Summary Report, and EJ Screen Report</i>

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

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

Impact Codes: Use an impact code from the following list to make the determination of impact for each factor.

- (1) Minor beneficial impact
- (2) No impact anticipated

(3) Minor Adverse Impact – May require mitigation

(4) Significant or potentially significant impact requiring avoidance or modification which may require an Environmental Impact Statement

Environmental Assessment Factor	Impact Code	Impact Evaluation
LAND DEVELOPMENT		
Conformance with Plans / Compatible Land Use and Zoning / Scale and Urban Design	2	<p>According to a Zoning Certification dated December 10, 2021, produced by Jeremy B. Smith, Senior Planner of the City of Jacksonville, the proposed project site is located within a Residential Multifamily - High Density zone (RMF HD). Multifamily (apartments, townhomes) development such as the proposed project are permitted use within the RMF-HD zoning district. (Certificate and Zoning Map). No public meetings were required for the project as proposed, the site was already zoned RMF-HD, Residential Multifamily - High Density. No special use or conditional use approvals were required as multifamily is permitted by right in this zoning district. In addition, the current site use is undeveloped and is considered underutilized. This development will better utilize the vacant subject property considering the surrounding area uses.</p>
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	2	<p>As determined from the USGS Topographic Map, Onslow County, North Carolina Quadrangle dated 2009, the site is located on a relatively flat tract of land at approximately 25 feet above the National Geodetic Vertical Datum. The land gently slopes down to the east towards Edwards Creek located approximately 500 feet southeast of the site (See Phase I ESA p.11). The proposed project site is not within an area of potential landslides, and the proposed project site is not on expansive soils (USDA NRCS Soil Survey).</p> <p>The proposed project will have a stormwater permit and SWPPP. According to NC DEQ, “[s]edimentation and erosion control must be addressed in accordance with Jacksonville 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.” Further, the proposed project will comply with 15A NCAC 2H 1000 State Stormwater Permitting Programs that regulate site development and post-construction stormwater runoff control. According to NC DEQ, areas subject to these permit programs include all 20 coastal counties, and various other counties and watersheds throughout the state. BMPs will be utilized during construction.</p> <p><i>See USDA NRCS Soil Survey, Geotechnical Engineering Report, and State Environmental Clearinghouse Comments</i></p>

Hazards and Nuisances including Site Safety and Noise	2	<p>Based upon the site inspection, NEPAAssist and NC DWM search results, and the Phase I ESA, there were no hazards identified that could affect the health and safety of occupants or conflict with the intended utilization of the subject property.</p> <p>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.)</p> <p>According to the analysis completed by using the HUD DNL Calculator for the project data, noise abatement is not required. 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.</p>
Energy Consumption	2	The proposed project will be constructed to meet Energy Star Version 3 for Multi-family. The proposed project will require minimum energy consumption.

Environmental Assessment Factor	Impact Code	Impact Evaluation
SOCIOECONOMIC		
Employment and Income Patterns	1	The proposed project will provide affordable housing to low- and middle-income families in a densely populated residential community. New jobs will be created during operations and temporary construction as a result of this development. Increased commerce will be generated from the occupants for local merchants. Employment options for residents are located near the site. The proposed project will not adversely impact traffic during construction or operation.

Demographic Character Changes, Displacement	2	The proposed project will not deny any population within the local community potential for growth. The proposed project will not act as an isolation feature within the local area or community. The proposed project will not significantly impact the demographics of the local community. Local institutions (churches, community centers, elderly centers, etc.) will not be adversely impacted by the development. The site contains vacant land. Therefore, involuntary displacement of persons/ populations will not occur.
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Environmental Assessment Factor	Impact Code	Impact Evaluation
COMMUNITY FACILITIES AND SERVICES		
Educational and Cultural Facilities	3	The schools that will serve the project area are: Blue Creek Elementary School, Southwest Middle School, and Southwest High School. According to a Public Education Certification dated September 9, 2021 by Steven L. Myers, Chief Operating Officer of Onslow County Schools, the proposed project is located in the Southwest school district and will adversely affect the schools serving the project. Southwest Middle School is projected to be <i>at capacity for the 2021-2022 school year</i> . Blue Creek Elementary School is classified as a <i>Low Performing School</i> . Student attendant zones are reviewed and/or adjusted periodically. Current attendance zones may change dependent on periodic review/needs. Since many of the proposed project's residents are expected to come from within the community, there might be less impacts if students are already enrolled in the school/district. In addition, the increased tax base from the proposed development should provide extra funding for the community. The proposed project will not have any adverse effects on local cultural facilities.
Commercial Facilities	1	A Walmart Supercenter, Lowe's Home Improvement, PetSmart, IHOP, Walgreens, Tractor Supply and numerous smaller businesses are located near the proposed project site. There are ample commercial facilities located in the project vicinity to meet the day-to-day needs of prospective residents. An increase of the local population in the area will bring economic value to the neighboring businesses. Additionally, the development should increase the employee availability to the local area. The proposed project should have a beneficial effect on local commercial facilities.

Health Care and Social Services	2	<p>The proposed project is not likely to have an adverse effect on the local health care and social services of the area. The proposed project is located in an area with close proximity to local health care and social service providers. Additionally, the development should increase the employee availability to the local area. An increase in tax base will support this and other services.</p> <p>According to a Health Care Certification dated 12/1/21 by Kristen Richmond-Hoover, Local Public Health Director of the Onslow County Health Department, adequate and appropriate Health Services are available for the proposed project and Health Services will not be adversely affected by this proposed project. According to a Social Services Certification dated 9/22/21 by Kari J. Sanders, Director of Onslow County Department of Social Services, states that adequate and appropriate Social Services are available for the proposed project (and all eligible County citizens) and Social Services will not be adversely affected by this proposed project.</p> <p>It is anticipated that many residents of the proposed project will come from within the community and are potentially already served by these health care and social services. Therefore, there should only be a negligible increase in demand for services.</p>
Solid Waste Disposal / Recycling	2	<p>According to a Solid Waste Certification dated September 9, 2021 by Kayla Pomeroy, Business & Administrative Officer of Onslow County Solid Waste, solid waste disposal for the proposed project can be adequately handled by public or private collectors without adversely affecting landfill capacity.</p> <p>Construction debris will be taken to an appropriate, legally compliant landfill. The NC DEQ DWM, Solid Waste Section (Section) stated in its comments that “it is recommended that during any land clearing, demolition, and construction, Crestfield Point LLC 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 projects that cannot be beneficially reused or recycled must be disposed of at a solid waste management facility permitted by the Division. The Section strongly recommends that Crestfield Point LLC require all contractors to provide proof of proper disposal for all generated waste to permitted facilities.” Thus, the proposed project is unlikely to have an adverse effect on the solid waste and recycling services in the area.</p> <p><i>See Solid Waste Certification and State Environmental Clearinghouse Comments</i></p>
Waste Water / Sanitary Sewers	2	<p>Water and sewer capacity are currently available to serve the proposed project. The proposed project will connect to the</p>

		<p>municipal sewer. According to a Public water and sewer letter dated 12/20/21 by S. Michael Moore, City Construction Specialist, public sewer is currently available to serve the proposed project. Sewer allocation approval is required and will automatically expire 18 months from the date of approval if the sewer infrastructure had not been installed and certified in accordance with City Policy. According to ONWASA Correspondence dated November 29, 2021 by Wayne Ray, Development Services Supervisor, a 6" ONWASA water main is available for connection to the proposed project. Thus, the proposed project is unlikely to have an adverse effect on the waste water / sanitary sewers services in the area.</p>
Water Supply	2	<p>The proposed project will connect to the municipal water supply. The project will not substantially deplete groundwater supplies or interfere substantially with groundwater recharge. There are no sole source aquifers in the state of North Carolina (Refer to SSA map). The proposed project will use lead-free pipes, fittings, fixtures and/ or solder.</p> <p>According to NC DEQ comments, "[p]lans 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. All public water supply systems must comply with state and federal drinking water monitoring requirements." Thus, the proposed project is unlikely to have an adverse effect on the water supply and services in the area.</p> <p><i>See State Environmental Clearinghouse Comments</i></p>
Public Safety - Police, Fire and Emergency Medical	2	<p>According to an Emergency Medical Service Certification dated 12/2/21 by Norman Bryson, Director of Onslow County Emergency Services, the EMS is available and adequate for the project as the average response time of 9 minutes falls within the community average of nine minutes. According to a Fire Protection Certification dated 12/2/21 by Norman Bryson, Director of Onslow County Emergency Services, Fire Protection from the Southwest Volunteer Fire Department is available and adequate for the project as the average response time of 10 minutes falls within the average community response time of 14 minutes. According to a Law Enforcement Certification dated March 2, 2022 by Michael Yaniero, Jacksonville Police Department Chief, police service is available and adequate for the project and the average response time is 4.5 minutes which falls within the average community response time of 11 minutes. According to a County Sheriff's Department Certification dated November 29, 2021 by Hans J Miller, Sheriff, the site is now under the jurisdiction on the City (as of April 21, 2020), but has no objection to the project and states that police service is available and adequate in the site area. It is anticipated that many</p>

		residents of the proposed project will come from within the community and there will be a negligible increased demand for services. These services are available and adequate for the proposed project. Thus, the proposed project is unlikely to have an adverse effect on Public Safety services in the community.
Parks, Open Space and Recreation	2	According to a Recreational Services Certification dated 12/3/21 by Susan Baptist, Director of Recreation for the City of Jacksonville Parks and Recreation, the site is not located within the City limits and, therefore, no City-sponsored after school or sports programs are available. However, City and County Parks are located within three miles of the site. She states that the project will not adversely affect recreational services and facilities. The proposed project development will include outdoor amenities such as seating areas, a covered picnic pavilion and grill area, playground, and a tot lot.
Transportation and Accessibility	2	According to an email from Anthony Prinz with the City dated 9/8/21, the site is not currently served by Jacksonville Transit. The City does not believe the proposed project will impact the transit services. Further, the proposed project is not anticipated to adversely impact traffic during temporary construction or operation. The Walmart Supercenter and other businesses are located within a 30-minute walk from the proposed development.

Environmental Assessment Factor	Impact Code	Impact Evaluation
NATURAL FEATURES		
Unique Natural Features, Water Resources	2	<p>According to the NC NHP Database Query Report, there is one Natural Area (New River Swamps and Marshes) and six Managed Areas located within one mile of the proposed project location. The six Managed Areas include: Camp Lejeune (federal Department of Defense), two Onslow County Open Spaces, Onslow County Water and Sewer Authority Property, NC Hazard Mitigation Buyout Property – Onslow County, and NC Land and Water Fund Project (NC DNCR and NCLWF). Due to the distance from these Natural and Managed Areas to the proposed project site, there are no impacts anticipated from the proposed project, No unique natural features are located on or near the proposed project site that will be adversely affected by the proposed project.</p> <p>According to the USFWS NWI Mapper, wetland features are not depicted on the site. Wetlands were not identified during the site visit within the boundaries of the proposed project site. A manmade pond was observed at the site on the northeastern portion of the property. The manmade irrigation pond was likely built for the former agricultural use (strawberry farm) on the site. The pond was not identified as a wetland because the pond and the area around the pond did not show either, hydrology, wetland vegetation or hydric soils. However,</p>

		<p>USACE and NC DEQ are being contacted to review water resources at the proposed project site. The proposed project site plans show preliminary notations for potential onsite wetlands. An application for a USACE JD has been submitted and the resulting USACE-issued JD and any accompanying delineation will serve as the determination for the location of onsite wetlands. The wetlands will be determined whether they meet the HUD definition of wetlands under 24 CFR 55.2(b)(11) which can include non-jurisdictional and jurisdictional wetlands. The permanent restrictive covenant will apply to onsite HUD-defined wetlands. Proposed project construction and landscaping activities shall not occupy or modify the wetland. Appropriate provision shall be made for site drainage to not have an adverse effect on the wetland. Further, a permanent restrictive covenant shall be placed on the property's continued use to preserve the wetland. The Developer agrees that no ground disturbance (either temporary or permanent) will occur in the wetland. The Developer further agrees to record a restrictive covenant on the wetlands area within 60 days of site acquisition.</p> <p>According to NC DEQ DWR, it is "recommended to schedule a site visit with 401 Water quality staff to discuss the proposal and to ensure compliance will be maintained per 401 Surface Water requirements, and surface water standards. If wetland, riparian buffers or stream impacts are proposed, this project will need to comply with/secure a 404 permit from the USACE, obtain a 401 Water Quality Certification authorization and a riparian buffer authorization." In addition, "[c]ompliance 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." Section 401 of the CWA regulates discharge of fill into 4 basic types of jurisdictional waters: wetlands; other special aquatic sites; open waters; and streams and rivers. USACE has been contacted for a jurisdictional determination and whether a permit or mitigation is necessary.</p> <p>The proposed project will have a stormwater permit and a SWPPP. According to NC DEQ, "[s]edimentation and erosion control must be addressed in accordance with Jacksonville 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." Further, the proposed project will comply with 15A NCAC 2H 1000 State Stormwater Permitting Programs that regulate site development and post-construction stormwater runoff control. According to NC DEQ, areas subject to these permit programs include all 20 coastal counties, and various other counties and watersheds throughout the state. BMPs for erosion and</p>
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		<p>sedimentation control such as silt fencing will be utilized during construction. Thus, measures will be implemented to ensure the proposed project will have no impacts to wetlands during construction.</p> <p>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 environmental review record when received from the permitting agencies.</p> <p><i>See NC NHP Database Query Report, USFWS NWI Mapper, field observation site photos (11/16/21), site plans, USACE JD Application, Memorandum of Agreement with Restrictive Covenant, and State Environmental Clearinghouse Comments</i></p>
Vegetation, Wildlife	2	<p>Based on the reviewed species lists and habitats on the site, the proposed project will have no effect on any federally listed endangered or threatened species, their formally designated critical habitat, or species currently proposed for listing under the Endangered Species Act of 1973.</p> <p>The proposed project will have a stormwater permit and a SWPPP. According to NC DEQ, “[s]edimentation and erosion control must be addressed in accordance with Jacksonville Local Government’s approved program. In addition, the developer will be using native grass and plantings in landscaping.</p> <p>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 environmental review record when received from the permitting agencies.</p>
Other Factors Climate Change EO 14008	1	<p>According to NOAA, climate change is likely increasing the intensity of tropical cyclones. The proposed project site is not located within a Special Flood Hazard Area. No portions of the site are located within 100- or 500-year floodplain. The proposed development will provide much needed affordable housing options within the community. Due to the increased frequency of high intensity storms and the resultant housing inventory shortage, the proposed project site was determined most suitable and necessary for providing the community with new, safe, affordable housing.</p> <p>https://www.climate.gov/news-features/understanding-climate/climatechange-probably-increasing-intensity-tropical-cyclones</p>

Other Factors Environmental Justice Impacts	2	According to the NCDEQ Community Mapping System, the proposed project site is located within NC DEQ's Potentially Underserved Block Groups 2019. According to the EPA Environmental Justice Screening and Mapping Tool, the proposed project site has a 37-39% minority population and 47% low-income population within a one-mile radius. The proposed project will not subject the community to environmental conditions that may have disproportional effects on low-income or minority populations. Rather, this proposed project will provide much needed safe, affordable housing options within the community following a decrease in housing inventory after Hurricanes Matthew and Florence. The proposed project does not site a nuisance or hazard in a potential environmental justice area, but rather provides affordable housing to families who need it. Thus, the proposed project does not contribute to or promote environmental injustice.
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Additional Studies Performed:

- *Phase I Environmental Site Assessment, Proposed Crestfield Point Apartments, Blue Creek School Road, Jacksonville, North Carolina*, dated November 17, 2021. Prepared by Atlantic Shores Environmental Services Ltd.
- *Geotechnical Engineering Report*, dated February 2, 2022. Prepared by Cape Fear Engineering, Inc.

Field Inspection (Date and completed by):

November 16, 2021, by Daniel Schiwinger of ASE.

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

Sources:

- Solid Waste Onslow County
 - Randall Vanover randall_vanover@onslowcountync.gov
- State Historic Preservation Office
 - Ramona Bartos environmental.review@ncdcr.gov
- City of Jacksonville Parks and Rec
 - Susan Baptist sbaptist@jacksonvillenc.gov
- ONWASA sewer
 - Wynne Ray wray@onwasa.com
- Onslow County Schools
 - Bob Williams bob.williams@onslow.k12.nc.us
- Jacksonville Transit
 - Andy Prinz aprinz@jacksonvillenc.gov

- Onslow County Health Dept
 - Kristen Hoover krister_hoover@onslowcountync.gov
- City Police
 - Mary Burrow mburrow@jacksonvillenc.gov
- City Emergency Services (Fire)
 - Norman Bryson norman_bryson@onslowcountync.gov
- CAMA
 - Daniel Govoni Daniel.govoni@ncdenr.gov
- US Fish and Wildlife
 - John Ellis
- City Zoning
 - Ryan King rking@jacksonvillenc.gov
- Social Services
 - Kari Sanders kari_sanders@onslowcountync.gov
- Zoning County
 - Michael_Montgomery@onslowcountync.gov
- Catawba Indian Nation
- NC SHPO
- ASTM Standard E1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.
- The EDR Aerial Photo Decade Package (years 1942, 1956, 1964, 1974, 1983, 1993, 1999, 2006, 2009, 2012, 2016) prepared by Environmental Data Resources, Inc., dated September 8, 2021.
- EDR Historical Topo Map Report (Jacksonville, North Carolina Quadrangle dated 1943/1948, 1952, 1971, 1978, 1988, 1993, 1997, 2013 prepared by Environmental Data Resources, Inc. dated September 7, 2021.
- The EDR Radius Map Report with Geocheck, prepared by Environmental Data Resources, Inc. dated September 7, 2021.
- FEMA, FIRM Map Community Panel No. 3720435600J dated November 3, 2005.
<http://www.fema.gov/hazard/map/flood.shtm>
- Onslow County On-line Tax Information
- Onslow County Registry of Deeds.
- NCDEQ Records Review: Value Xpress Mart, Tommy Pollard, and Marlene's Garage

Attachments:

- Proposed Project Location Maps and Site Photos
- Approved Civil Site Plans
- Airport Hazards, NEPA Assist and aerial map
- USFWS CBRS Map
- FEMA FIRMs
- EPA Greenbook and NC Radon Zone Map
- CAMA Consistency email dated November 9, 2021
- NC CZMA Map

- Contamination and Toxics Search Results from DWM Site Locator Tool, NEPAssist and DWM comments and Phase I ESA dated November 17, 2021
- USFWS Self-Certification Package with Critical Habitat Map and NC NHP Database Query Report, USFWS Letter, and USFWS Official Species list dated June 17, 2022
- Thermal Explosive Worksheet
- US Census Bureau UA Map and USDA NRCS Soil Survey
- FEMA FIRMs
- NCORR - SHPO correspondence and response, TDAT results, and NCORR - Catawba Indian Nation correspondence and response
- HUD DNL Calculator, Roadways and Railroad maps, NC DOT – Annual Average Daily Traffic Online Map, NC Truck Network map, National Transportation Noise Map, Airport NEPAssist map, Albert J. Ellis Airport FAA data & 5010, and Sky Manor Airport FAA data and 5010
- EPA – Online Sole Source Aquifer Map
- USFWS National Wetland Inventory Map
- Nationwide Rivers Inventory Map and Figure 16 - National Wild and Scenic River System Map
- EJSCREEN ACS Summary Report and EJSCREEN Summary Report, and EJScreen Hazards Report and NC DEQ Community Mapping System Map
- Certifications
 - Jacksonville Zoning - December 10, 2021
 - Onslow County Schools – September 9, 2021
 - Onslow County Health Department – December 1, 2021
 - Onslow County Social Services – September 22, 2021
 - Onslow County Solid Waste – September 9, 2021
 - Onslow County Fire and EMS – December 2, 2021
 - Onslow County Law Enforcement – November 29, 2021
 - City of Jacksonville Law Enforcement – March 2, 2022
 - Jacksonville Parks and Rec – December 3, 2021
- Email from Jacksonville Transit dated September 8, 2021
- Email from ONWASA dated November 29, 2021
- Jacksonville Water and Sewer Letter dated December 20, 2021
- Crestfield Point Apartments Preliminary Drawings
- Ross/Deckard Architect Certification of no lead pipes – dated January 11, 2022
- Letter from Crystal Best, State Environmental Review Clearinghouse dated April 22, 2022
- NC DEQ Clearinghouse comments, closed April 20, 2022
- NC Department of Transportation Clearinghouse comments, closed April 20, 2022
- NC Department of Public Services Division of Emergency Management Clearinghouse comments, closed April 20, 2022
- Letter from Crystal Best, State Environmental Review Clearinghouse dated May 5, 2022
- NC SHPO comments, May 5, 2022

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:

- Building permit
- Site plan approval
- Jacksonville Sedimentation and Erosion Control Permit
- NCDEQ NPDES Construction Stormwater Permit (NCG010000) and 15A NCAC 2H 1000 - State Stormwater Permitting Programs
- NCDEQ Division of Water Resources - Water System Permit
- *NC DEQ Division of Water Resources - a site visit with 401 Water quality staff to discuss the proposal and to ensure compliance will be maintained per 401 Surface Water requirements, and surface water standards. If wetland, riparian buffers or stream impacts are proposed, this project will need to comply with/secure a 404 permit from the USACE, and obtain a 401 Water Quality Certification authorization and a riparian buffer authorization.*
- *USACE jurisdictional determination to see if permits and/ or mitigation required.*

Public Outreach [24 CFR 50.23 & 58.43]:

State Environmental Clearinghouse Review of Draft EA for both NCORR and NCHFA, March 21, 2022 through April 20, 2022

Cumulative Impact Analysis [24 CFR 58.32]:

The proposed project will be an affordable multifamily housing complex that will provide new, safe housing that is needed in the area. The proposed project site was found to be a very suitable site for the development with no on-site or nearby recognized environmental conditions that would adversely affect the proposed project use or its occupants. No negative cumulative impacts to the environment were discovered as part of this Environmental Assessment. This site was found to be appropriate for much needed multifamily affordable housing with minimal adverse environmental impacts and close proximity to community services. The benefits of this proposed project to the local economy and low-income community cannot be understated.

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

There are a very limited number of sites within Jacksonville that both meet the scoring criteria of the NCHFA QAP for being competitive for a tax-credit funding award and is properly zoned for multifamily development. This site was chosen as most preferable for multifamily development. A similar affordable housing development was funded and completed on the adjacent tract which was the first LIHTC affordable housing development in the southwestern area of Jacksonville and the developer wanted to add additional affordable housing on this side of the city. Ultimately, the

subject tract was the best location for a new development due the market demand and its close proximity to a variety of community amenities and services like all three levels of public schools, shopping, grocery stores and employment opportunities.

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

With the No Action Alternative, affordable housing would not be provided for low- and middle-income families in the local community. The City would need to find other options to address the shortage in affordable housing inventory exacerbated by the effects of hurricanes that recently damaged or destroyed hundreds of homes in North Carolina.

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 [40 CFR 1505.2(c)]:

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

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

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

Law, Authority, or Factor	Mitigation Measure
<p>Clean Air</p> <p>Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93</p>	<p>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.</p>
<p>Noise Abatement and Control</p> <p>Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B</p> <p>Hazards and Nuisances including Site Safety and Noise</p>	<p>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.</p> <p><i>See also the Clean Air Act section's mitigation measures.</i></p>
<p>Wetlands Protection</p> <p>Executive Order 11990, particularly sections 2 and 5</p> <p>Unique Natural Features, Water Resources</p>	<p>24 CFR 55.12(c)(7) requirements will be complied with. Proposed project construction and landscaping activities shall not occupy or modify the wetland. Appropriate provision shall be made for site drainage to not have an adverse effect on the wetland. Further, a permanent restrictive covenant shall be placed on the property's continued use to preserve the wetland. The Developer agrees that no ground disturbance (either temporary or permanent) will occur in the wetland. The Developer further agrees to record a restrictive covenant on the wetlands area within 60 days of site acquisition.</p>

	<p>Developer will schedule a site visit with NC DEQ DWR CWA Section 401 water quality staff to discuss the proposal and to ensure compliance will be maintained per Section 401 Surface Water requirements and surface water standards. If wetland, riparian buffers or stream impacts are proposed, this proposed project will need to secure and comply with a Section 404 permit from USACE, obtain a Section 401 Water Quality Certification authorization, and a riparian buffer authorization as applicable. In addition, compliance with the 15A NCAC 02H .0500 T15 Certifications are required if construction or operation of facilities will result in a discharge into navigable water as described in 33 CFR part 323.” NC DEQ DWR and USACE shall be contacted for a jurisdictional determination and whether permit(s) and/ or mitigation is required.</p> <p>Sedimentation and erosion control must be addressed in accordance with Jacksonville 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. Further, the proposed project will comply with 15A NCAC 2H 1000 State Stormwater Permitting Programs that regulate site development and post-construction stormwater runoff control. The proposed project will have a stormwater permit and a SWPPP. The proposed project construction and improvements will not be located in HUD-defined wetlands. BMPs for erosion and sedimentation control such as silt fencing will be utilized during construction. Thus, measures will be implemented to ensure the proposed project will have no impacts to wetlands during construction.</p> <p>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 environmental review record when received from the permitting agencies.</p>
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Determination

☒ **Finding of No Significant Impact** [24 CFR 58.40(g)(1); 40 CFR 1508.27]

The project will not result in a significant impact on the quality of the human environment.

☐ **Finding of Significant Impact** [24 CFR 58.40(g)(2); 40 CFR 1508.27]

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

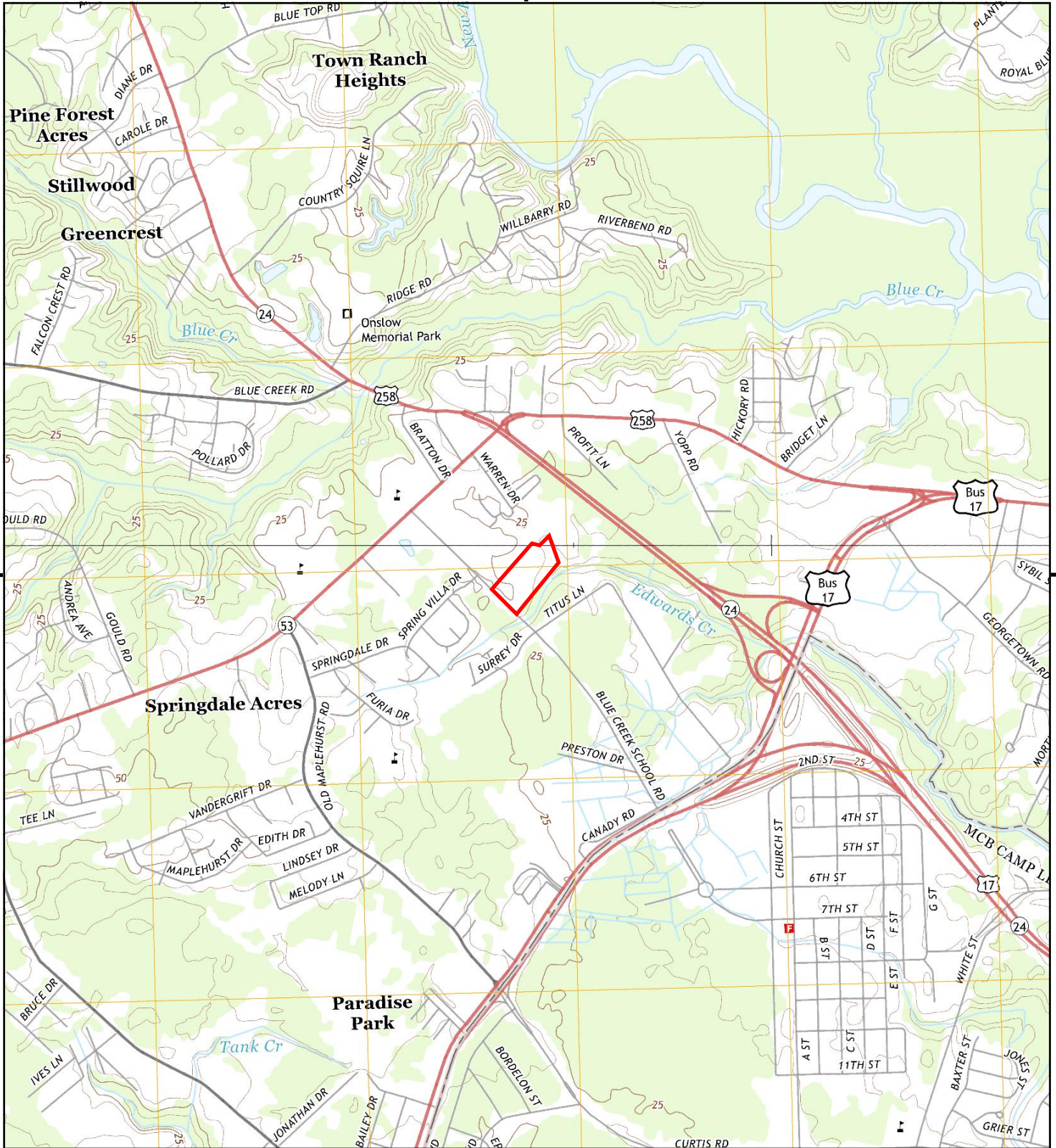
Preparer Signature: Andrea Gievers Date: 7/21/22

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

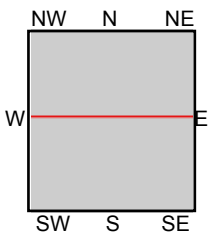
Certifying Officer Signature: Laura H. Hogshead Date: 7/21/2022
DocuSigned by:
D8561D53476B499...

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

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



This report includes information from the following map sheet(s).



TP, Jacksonville South, 2013, 7.5-minute
NE, Jacksonville North, 2013, 7.5-minute

SITE NAME: Blue Creek School Road
ADDRESS: Blue Creek School Road
Jacksonville, NC 28540
CLIENT: Atlantic Shores Environmental



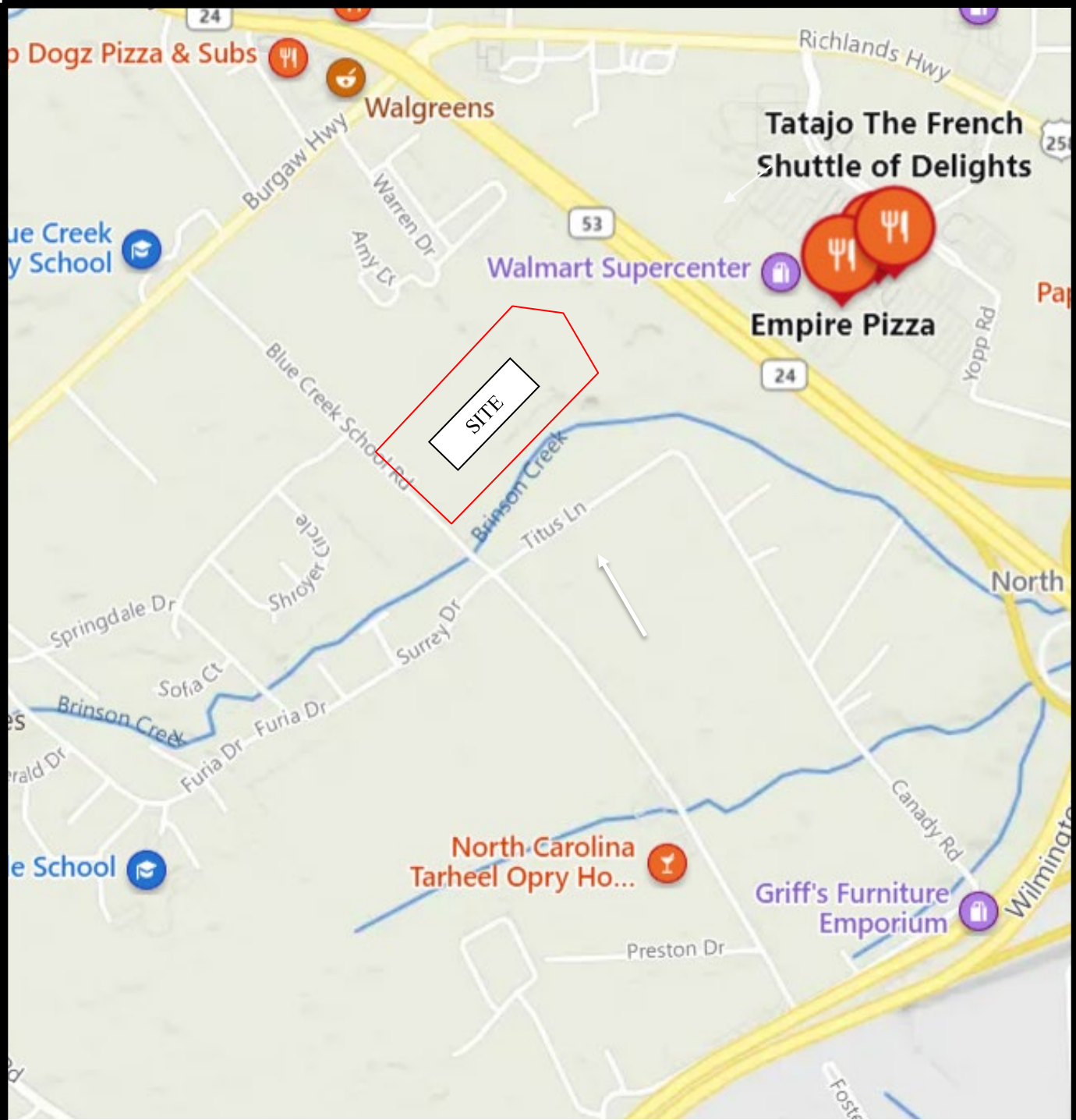


FIGURE 1: SITE MAP

Source: Google Maps



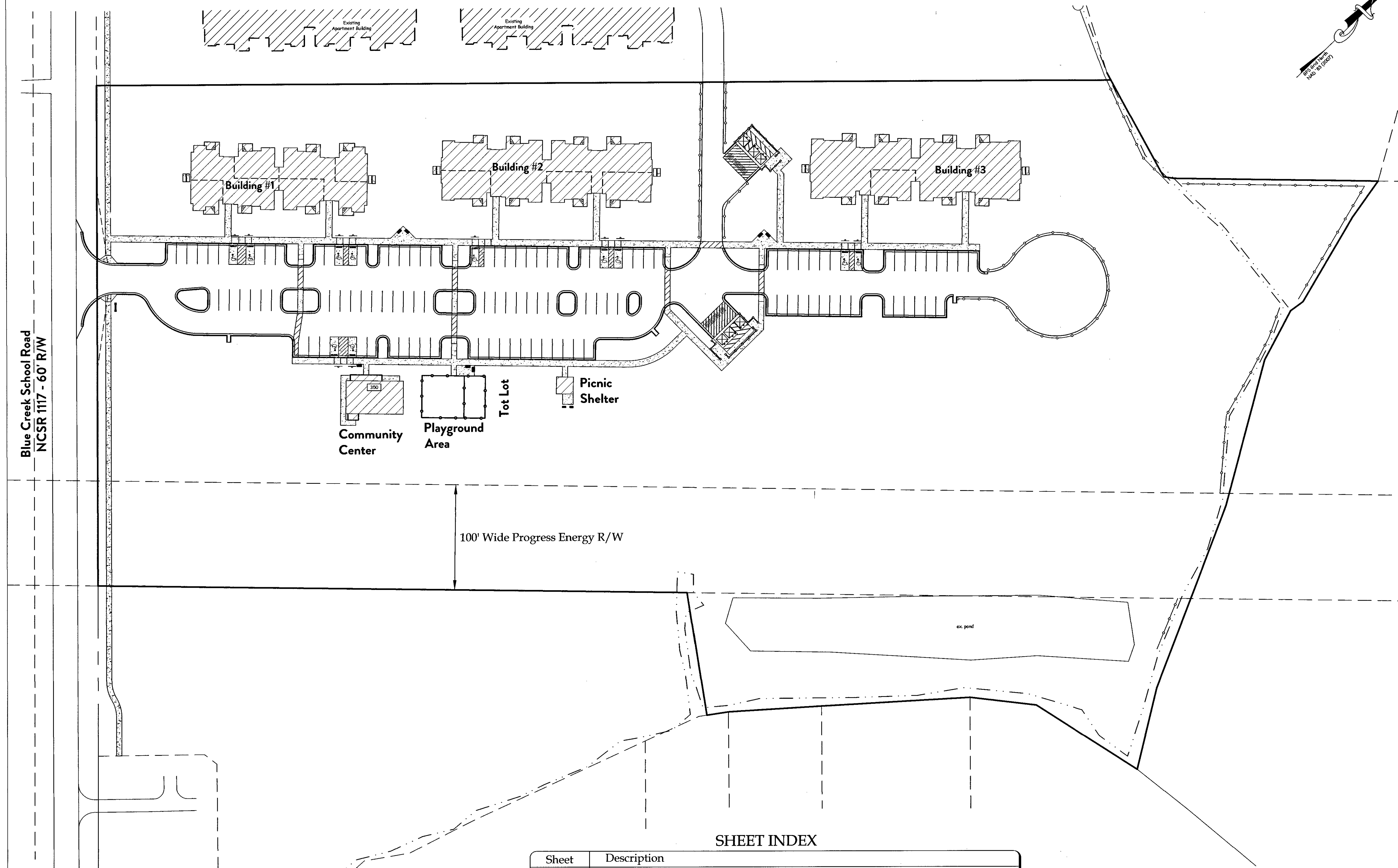
Proposed Crestfield Point Apartments
Blue Creek School Road
Jacksonville, North Carolina



ASE Project No. 1516
January 2022

CRESTFIELD POINT APARTMENTS

Jacksonville Township, Onslow County, North Carolina
350 Blue Creek School Road



Overall Site

Not to Scale

SHEET INDEX

Sheet	Description
1	Cover/Index Sheet
2	Site Plan
3	Existing Conditions Plan
4	Landscape Plan
5	Foundation Landscape Plan
6	Grading, Drainage, and Erosion & Sedimentation Control Plan
6A	Impervious Areas Map
7	Water and Sewer Plan
8	Plan & Profile of Water Line "A"
9	Plan & Profile of Water Line "B"
10	Site Detail Sheet
11	Grading, Drainage, and Erosion & Sedimentation Control Detail Sheet
12	Water and Sewer Detail Sheet
13	NCG01 Detail Sheet

Rev. 05/18/2022 KHW - Plot for signature
Rev. 05/02/2022 KHW - Add Project Address; adjust sheet index

Field Book: N/A
Disk Name: Acad #2874
Filename: Crestfield-Gen.dwg KHW
Job No.: C210826-7848

Sheet 1 of 13

Master Legend:

- Ac - Acres
- B-B - Back of Curb to Back of Curb
- BO - Blow Off
- CL - Centerline
- CB - Catch Basin w/ Inlet Protection
- CO - Cleanout
- Conc - Concrete
- C&G - Curb & Gutter
- D.B. - Dead Book
- DI - Ductile Iron
- edp - Edge of Pavement
- Elev - Elevation
- Ex - Existing
- cho - Existing Blow-off
- ecbv - Existing Cable TV Box
- efh - Existing Fire Hydrant
- egv - Existing Gate Valve
- egw - Existing Guy Wire
- epb - Existing Phone Box
- epw - Existing Power Pole
- essmh - Existing Sanitary Sewer Manhole
- ewm - Existing Water Meter
- FPE - Finish Floor Elevation
- FH - Fire Hydrant
- FES - Flared End Section
- FL - Flow Line
- GV - Gate Valve
- H/C - Handicap
- Inv - Invert
- L.F. - Linear Feet
- M.B. - Map Book
- MBG - Match Existing Grade
- MH - Manhole
- Min - Minimum
- MBL - Minimum Building Line
- NCDOT - North Carolina Department of Transportation
- N.C.S.R. - North Carolina Secondary Road
- Pg. - Page
- P.T. - Plug Tapped
- PVI - Point of Vertical Intersection
- PVC - Polyvinyl Chloride Pipe
- R - Radius
- RCP - Reinforced Concrete Pipe
- RRA - Rip Rap Apron
- R/W - Right-of-way
- RCD - Rock Check Dam
- SS - Sanitary Sewer
- SFM - Sewer Force Main
- Sta. - Station
- S.F. - Square Foot
- Typ. - Typical
- V.C. - Vertical Curve
- WM - Water Meter
- YI - Yard Inlet w/ Inlet Protection
- x24.66 - Existing Spot Elevation
- Flow Arrow
- Handicap Parking
- Landscape Island Identification
- Proposed Pipe Label
- Proposed Spot Elevation
- Shrubs
- STOP - Stop Bar
- Stop Sign
- Street Address
- Top of Curb Elevation
- Flow Line Elevation



Traffic Flow Arrow

Tree

Wetlands

Clearing Limits

Existing Ditch or Swale

Existing Design Waterline

Existing Sewer Force Main

Overhead Power Line

Proposed Ditch or Swale

Proposed Waterline

Underground Fiber Optic Line

Underground Gas Line

Underground Phone Line

Wetlands Line

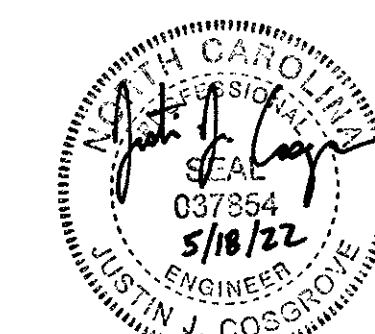
Woods Line

Developer:

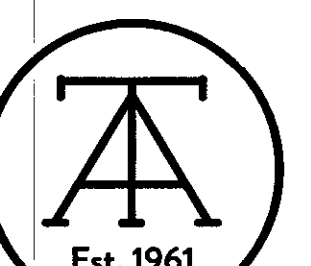
Carolina Statewide Development, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

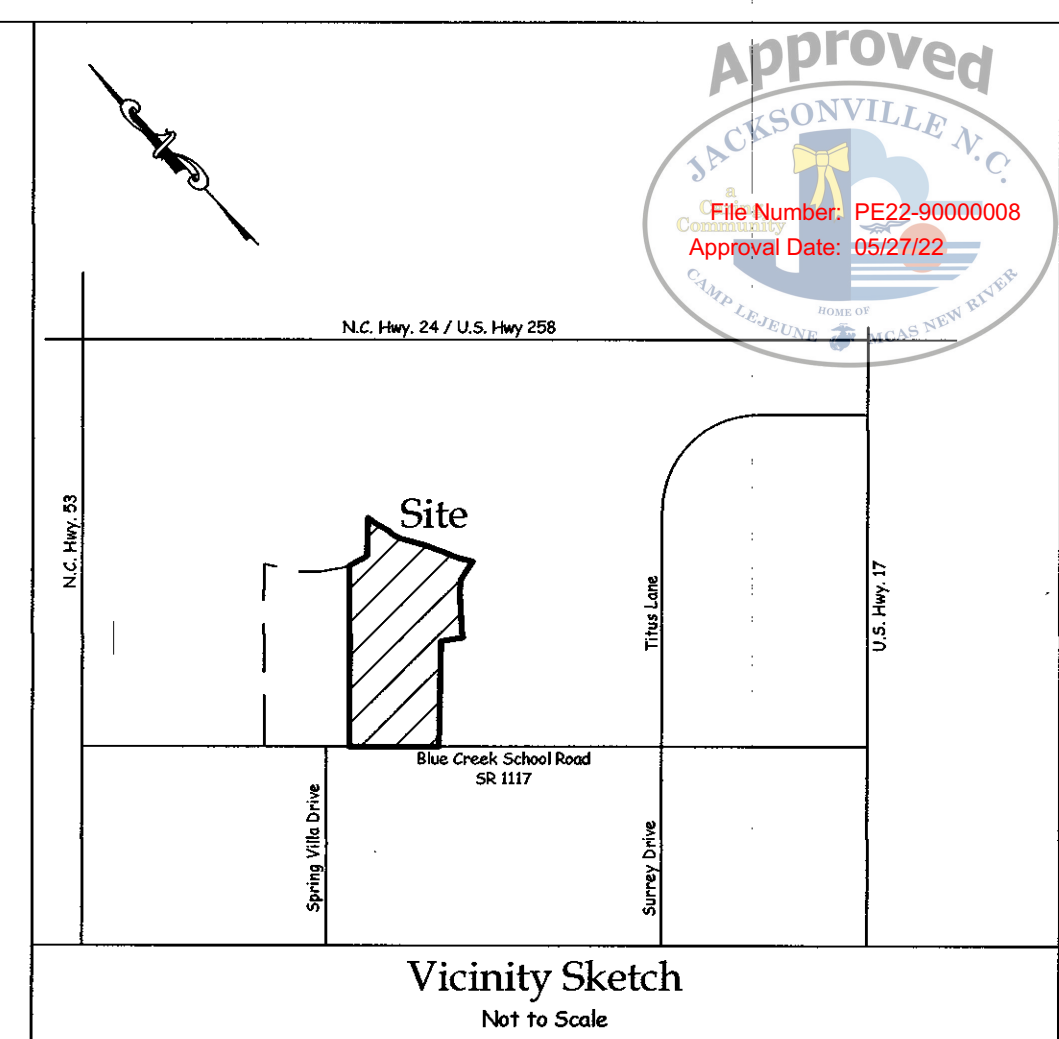
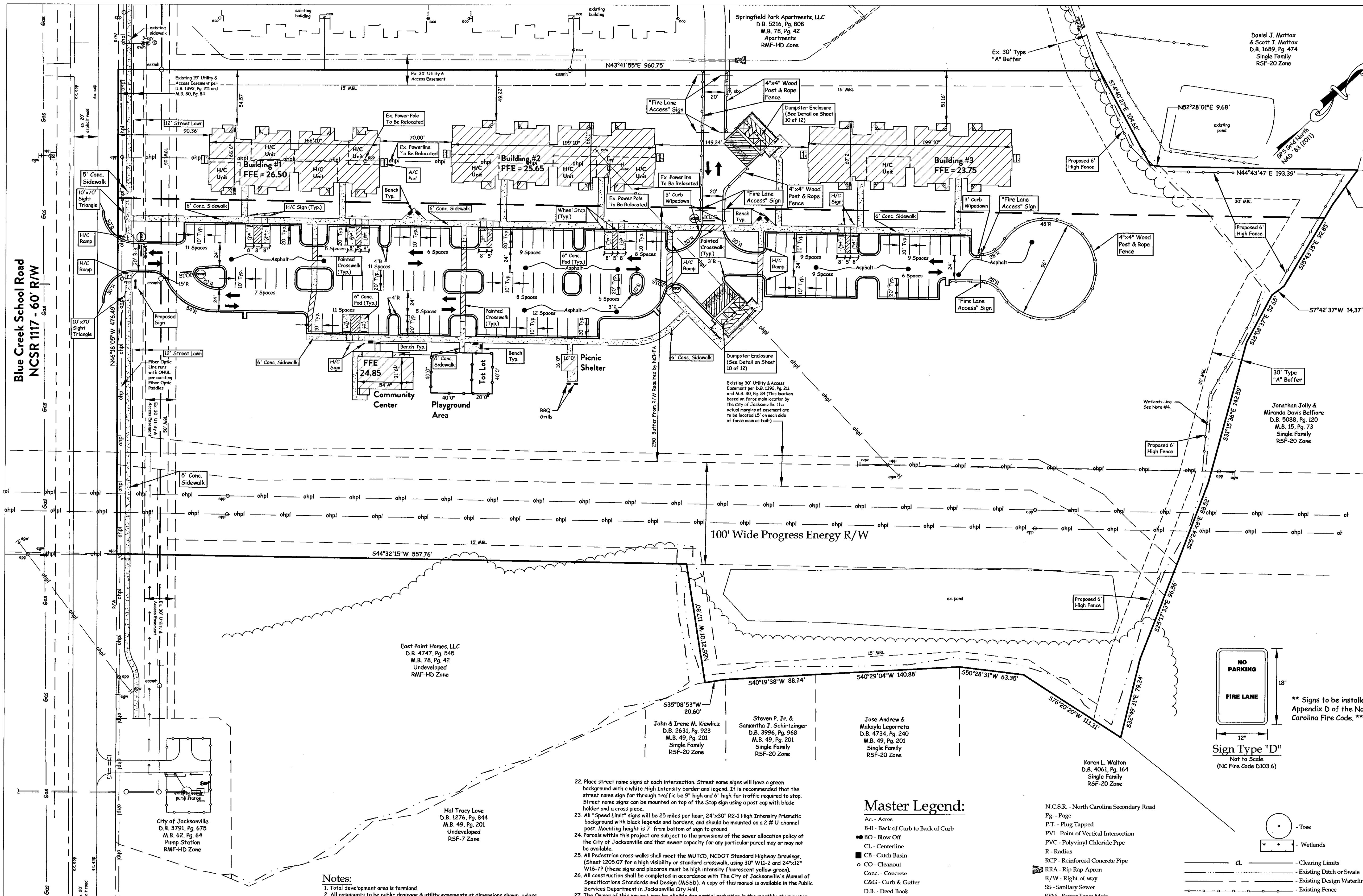
Owner:

East Point Homes, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003



TIDEWATER ASSOCIATES, INC.
Consulting Engineers - Land Surveyors - Land Planners
Jacksonville, North Carolina
P.O. Box 976 - 306 New Bridge Street - 28540
Phone (910) 455-2414 - www.TidewaterENC.com
Firm License Number: F-0108





Tract Data

Total Acreage	13.22 Ac.
Acreage of land to be disturbed and exposed	8.77 Ac.
Acreage in parks or other recreation land usage	0 Ac.
Acreage in open space (Required)	13.22 Ac. x 25% = 3.3 Ac.
Acreage in open space (Provided)	9.8 Ac.
Zone	RMF-HD (City of Jacksonville)
Number of Lots Existing	1
Number of Lots Proposed	1
Number of Units	72 (8 H/C Units)
Minimum Lot Size Allowed	n/a
Average Lot Size	n/a
Ownership Status	Rental
Type of Units	Apartment
Net Density Allowed (Max.)	5.45 Units/Acre
Density Proposed	5.45 Units/Acre
Existing Use(s)	Undeveloped
Proposed Use(s)	Apartment
Water Service	ONWASA
Sewer Service	COJ

Deed References:
D.B. 4747, Pg. 545
M.B. 81, Pg. 162
Tax Map 332, Parcel 88 PIN 435612963919

Setbacks

Front Setback, min. (feet)	50 feet from R/W
Corner Side Setback, min. (feet)	30 feet from R/W
Rear Setback, min. (feet)	30 feet
Side Setback, min. (feet)	5 feet
Spacing Between Buildings, min. (feet)	10 feet, 15 feet for buildings over 35 feet tall

Building Data:

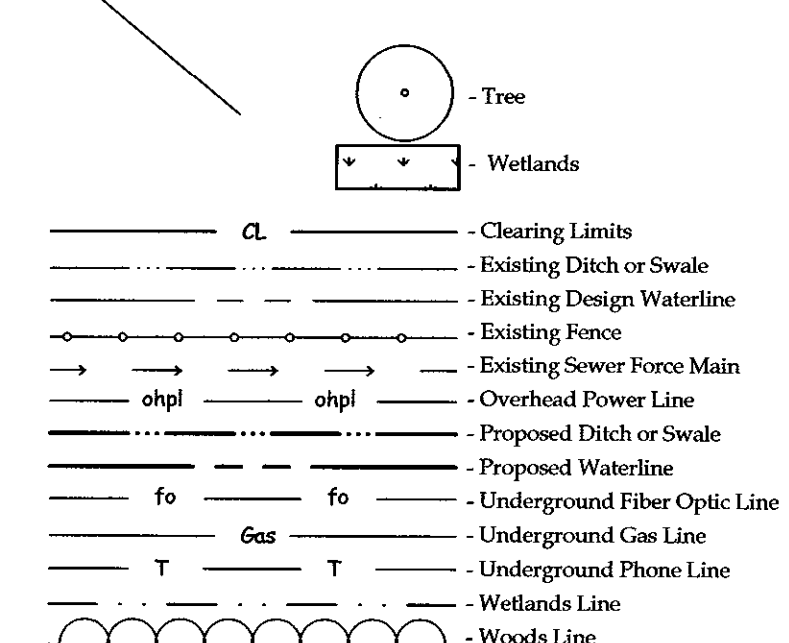
Max. Building Height allowed	56'
Proposed Max. Height of Building	Apartment Building #1 = 35'± (3 Stories) Apartment Building #2 = 35'± (3 Stories) Apartment Building #3 = 35'± (3 Stories) Clubhouse = 15'± Picnic Pavilion = 15'
Sprinkler	YES - Apartment Buildings NO - Clubhouse
Existing Building Square Footage	0 S.F.
Proposed Building Square Footage	Apartment Building #1 = 27,959 S.F. Apartment Building #2 = 32,669 S.F. Apartment Building #3 = 32,682 S.F. Community Center = 1,938 S.F. Picnic Pavilion = 256 S.F.
Total Building Square Footage	95,504 S.F.
Construction Materials	Vinyl siding with brick veneer base

Parking Data:

Parking Required	Apartment Buildings 1.75 per dwelling unit 1.75 x 72 = 126 spaces (5 H/C Spaces)
Compact Spaces Allowed	(up to 258 for lots w/ 10 or more spaces)
Existing Parking	0 Spaces
Parking Provided	127 Spaces (11 H/C Spaces)
Compact Spaces Provided	0 Spaces
Total Parking	127 Spaces (11 H/C Spaces)

Master Legend:

Ac - Access	N.C.S.R. - North Carolina Secondary Road
B-P - Back of Curb to Back of Curb	Pg - Page
BO - Blow Off	P.T. - Plug Tapped
CL - Centerline	PVI - Point of Vertical Intersection
C&G - Catch Basin	PVC - Polyvinyl Chloride Pipe
CO - Cleanout	R - Radius
Conc. - Concrete	RCP - Reinforced Concrete Pipe
C&G - Curb & Gutter	RRA - Rip Rap Apron
DI - Ductile Iron	R/W - Right-of-way
esp - Edge of Pavement	SS - Sanitary Sewer
Elev. - Elevation	SFM - Sewer Force Main
Ex - Existing	Sta. - Station
exbo - Existing Blow-off	Typ. - Typical
excb - Existing Cable TV Box	V.C. - Vertical Curve
exgh - Existing Gate Valve	WM - Water Meter
exgw - Existing Guy Wire	X24.66 - Existing Spot Elevation
expb - Existing Phone Box	Flow Arrow
expp - Existing Power Pole	Handicap Parking
essmh - Existing Sanitary Sewer Manhole	Landscape Island Identification
ewm - Existing Water Meter	Proposed Pipe Label
FFE - Finish Floor Elevation	Proposed Spot Elevation
PH - Fire Hydrant	Shrub
PFS - Flared End Section	Stop Bar
FL - Flow Line	Stop Sign
GV - Gate Valve	Top of Curb Elevation
H/C - Handicap	Flow Line Elevation
Inv - Invert	
LF - Linear Feet	
M.B. - Map Book	
MKG - Match Existing Grade	
MN - Manhole	
Min - Minimum	
MBL - Minimum Building Line	
NCDOT - North Carolina Department of Transportation	



All Radii are 5' Unless Otherwise Noted

All Radii are From Back of Curb

Site Plan - Type II

CRESTFIELD POINT APARTMENTS

350 Blue Creek School Road
Jacksonville Twp., Onslow Co., North Carolina

Developer:
Carolina Statewide Development, LLC

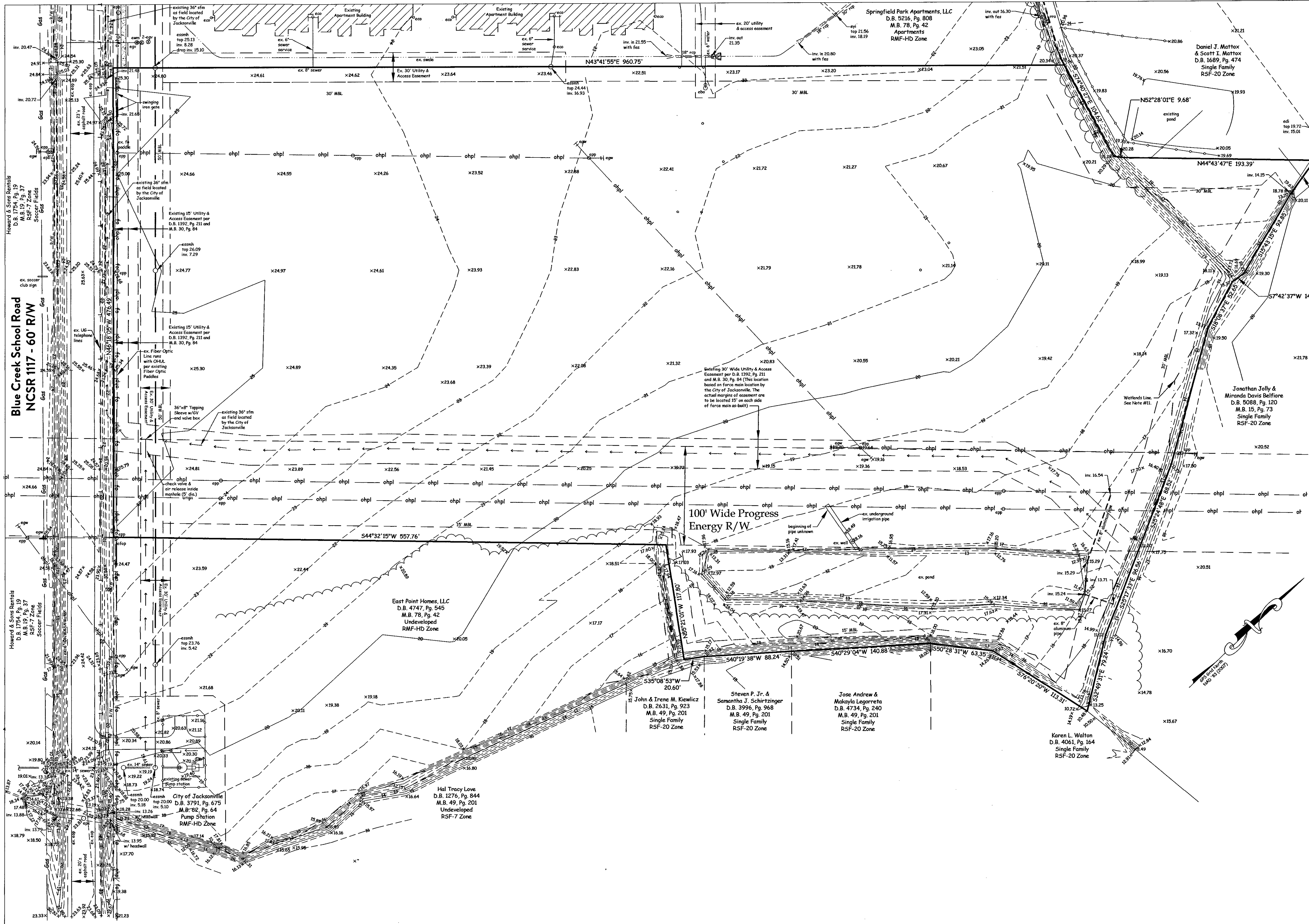
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

DATE: 02/21/2022
SCALE: 1"=50'

GRAPHIC SCALE: 1"=50'
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FEET

TIDEWATER ASSOCIATES, INC.
Consulting Engineers - Land Surveyors - Land Planners
Jacksonville, North Carolina
P.O. Box 976 - 306 New Bridge Street - 28540
Phone (910) 455-2414 - www.TideWaterENC.com
Firm License Number: F-0108

Field Book: N/A
Disk Name: Acad 2899
Filename: Crestfield - Shading KHW
Job No.: C21082-7848



Legend:
See Sheet 1 of 13
(Master Legend)

Vicinity Sketch
Not to Scale

Approved
JACKSONVILLE, N.C.
File Number: PE22-9000008
Approval Date: 05/27/22

Tract Data

Total Acreage	13.22 Ac.
Percentage of Site Devoted To Open Space	100%
Number of Lots Existing	1
Number of Units Existing	0
Existing Use(s)	Undeveloped
Water Service	ONWASA
Sewer Service	COJ
Zone	RMF-HD (City of Jacksonville)

Deed References:
D.B. 4747, Pg. 545
M.B. 78, Pg. 42
Tax Map 332, Parcel 88 PIN 435612963919

Setbacks
Front Setback, min. (feet) 50 feet from R/W
Corner Side Setback, min. (feet) 30 feet from R/W
Rear Setback, min. (feet) 30 feet
Side Setback, min. (feet) 5 feet
Spacing Between Buildings, min. (feet) 10 feet, 15 feet for buildings over 35 feet tall

- Notes:**
1. Total development area is farmland.
 2. No USGS or NC65 monuments within 200' of site.
 3. No Register of Deeds Search done by, or furnished to surveyor in regards to Deed or Covenant Restrictions.
 4. The GPS portion of the boundary/control work was performed to third order, Class I, FGCC specifications; the coordinates were obtained by Real Time Kinematic Differential GPS Observations using Trimble Survey Grade 5800 GPS Unit, NC65 RTK Network Adjustments to NC Grid NAD '83, 2011 Adjustments. Average Positional Accuracy is 0.04' for the runs.
 5. All distances are horizontal ground, U.S. Survey Feet.
 6. Elevations per NAVD '88 Datum.
 7. The existence of utilities may imply the existence of an easement.
 8. Existing water line sizes and location taken from plans provided by the City of Jacksonville and field locations.
 9. Existing sewer line size and location taken from plans provided by the City of Jacksonville and field locations.
 10. There are no Areas of Environmental Concern (AEC) as defined by Coastal Area Management Act (CAMA) on this site.
 11. Wetlands line taken from map titled "Wetlands Survey" by Johnny J. Williams Land Surveying, PC dated 04/24/12.
 12. This project is not affected by any special Flood hazard area based upon FEMA map QFN 37017B 4356J (City of Jacksonville), Effective November 3, 2005.
 13. Topographic contours taken from an actual survey by Johnny J. Williams Land Surveying, P.C. in December 28, 2009.
 14. Boundary data per survey by Johnny J. Williams Land Surveying, P.C. in December, 2009.

Note:
Contractor shall insure that he and all his workers (contractors, subcontractors and other site personnel) do not damage construction stakes or other measures used in laying out the project whether by the Engineer or another entity including those under the employ of the contractor. Contractor shall cause his workers to observe and verify to the fullest extent practicable that stakes, other measures and grades are, or appear to be, accurate and correct, and immediately, but prior to any associated work, notify the staking entity of any potential conflict, error or question regarding the work. The Engineer shall not be responsible if all of the above measures are not strictly adhered to. The Engineer shall not be responsible where due to damage, his staking can not be verified. For critical or costly components of the work, where the contractor believes that staking may not be preserved, the contractor shall request the staking entity to place staking in an area where its preservation can be insured.

Existing Conditions Plan

CRESTFIELD POINT APARTMENTS
350 Blue Creek School Road
Jacksonville Twp., Onslow Co., North Carolina

Owner:
East Point Homes, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

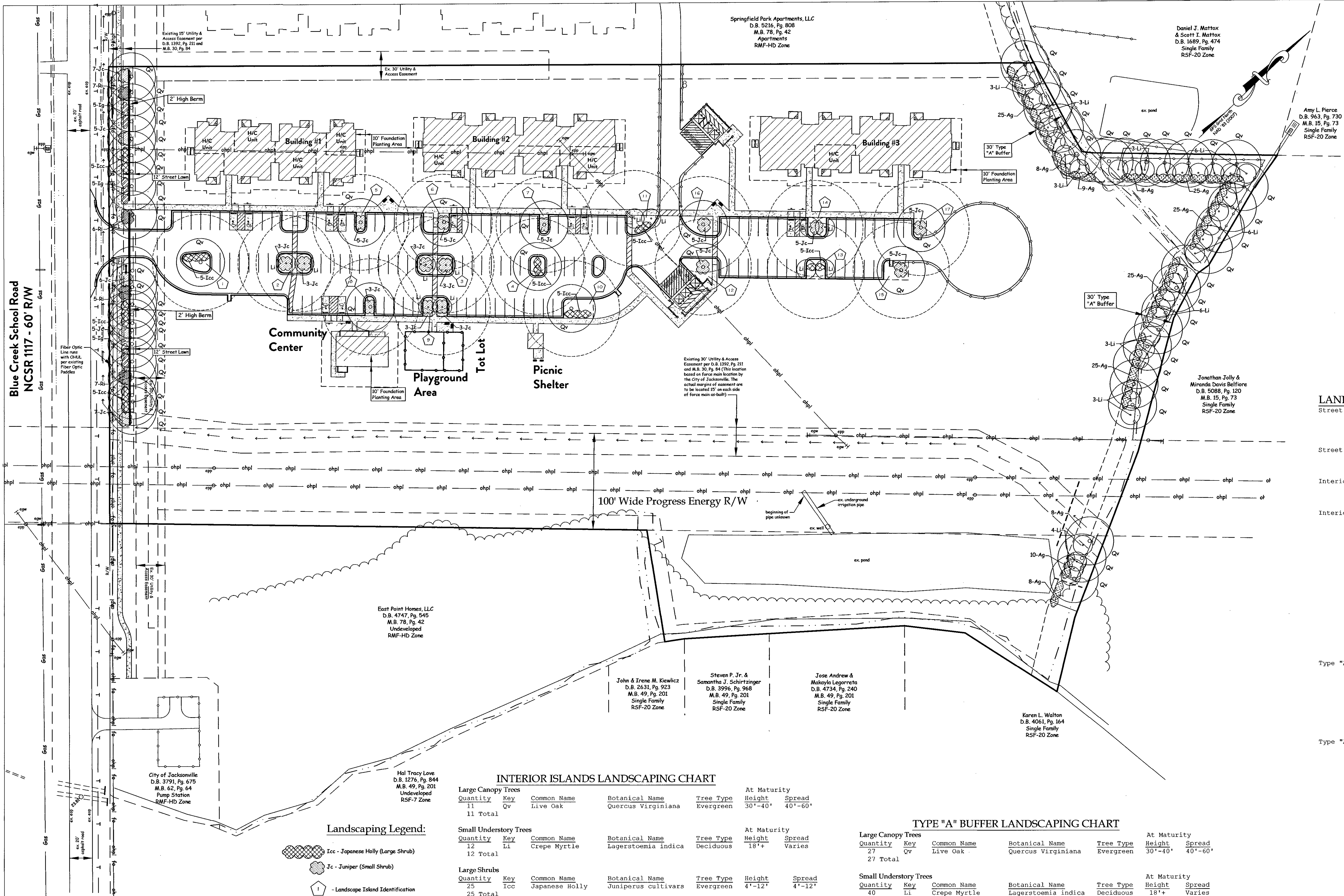
Developer:
Carolina Statewide Development, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

DATE: 02/21/2022
SCALE: 1"=50'

GRAPHIC SCALE: 1"=50'
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Consulting Engineers - Land Surveyors - Land Planners
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P.O. Box 976 - 306 New Bridge Street - 28540
Phone (910) 455-2414 - www.TidewaterENC.com
Firm License Number: F-0108

Sheet 3 of 13



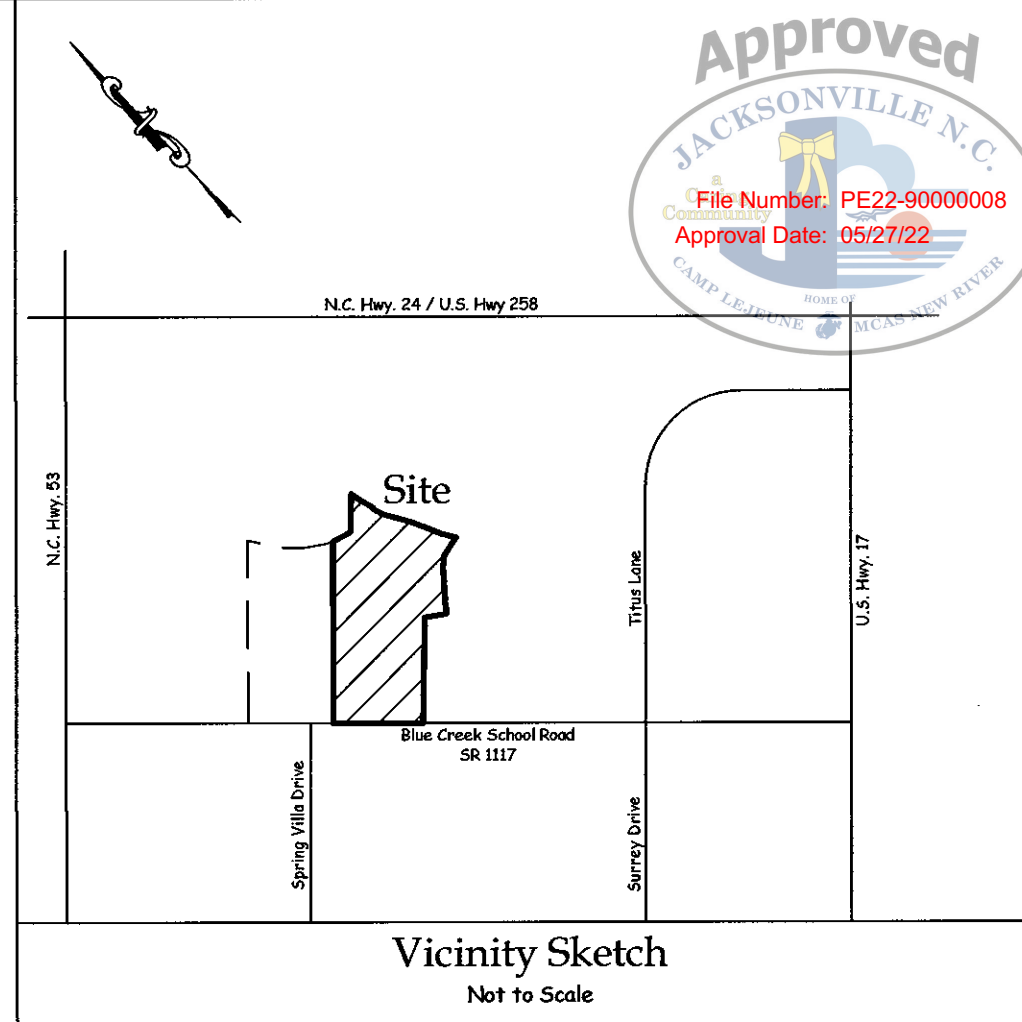
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INTERIOR ISLANDS LANDSCAPING CHART							
Large Canopy Trees			Common Name	Botanical Name	Tree Type	At Maturity	
Quantity	Key	Height				Spread	
11	Qv	30'-40'	Live Oak	Quercus Virginiana	Evergreen	40'-60'	
11 Total							
Small Understory Trees			Common Name	Botanical Name	Tree Type	At Maturity	
Quantity	Key	Height				Spread	
12	Li	18'+	Crepe Myrtle	Lagerstoemia indica	Deciduous	Varies	
12 Total							
Large Shrubs			Common Name	Botanical Name	Tree Type	At Maturity	
Quantity	Key	Height				Spread	
25	Icc	4'-12'	Japanese Holly	Juniperus cultivars	Evergreen	4'-12'	
25 Total							
Small Shrubs			Common Name	Botanical Name	Tree Type	At Maturity	
Quantity	Key	Height				Spread	
63	Jc	1'-20'	Junipers	Juniperus cultivars	Evergreen	1'-10'	
63 Total							

STREET LAWN LANDSCAPING CHART							
Large Canopy Trees			Common Name	Botanical Name	Tree Type	At Maturity	
Quantity	Key	Height				Spread	
21	Qv	30'-40'	Live Oak	Quercus Virginiana	Evergreen	40'-60'	
21 Total							
Large Shrubs			Common Name	Botanical Name	Tree Type	At Maturity	
Quantity	Key	Height				Spread	
15	Icc	4'-12'	Japanese Holly	Ilex crenata cultivars	Evergreen	4'-12'	
15	Ig	5'-10'	Inkberry Holly	Ilex glabra	Evergreen	5'-10'	
30 Total							
Small Shrubs			Common Name	Botanical Name	Tree Type	At Maturity	
Quantity	Key	Height				Spread	
30	Jc	1'-20'	Junipers	Juniperus cultivars	Evergreen	1'-10'	
25	Ri	5'-7'	Indian Hawthorn	Raphiolepis indica	Deciduous	4'-6'	
55 Total							

TYPE "A" BUFFER LANDSCAPING CHART						
Large Canopy Trees		Quantity	Key	Common Name	Botanical Name	Tree Type
Height	Spread					
30'-40'	40'-60'	27	Qv	Live Oak	Quercus Virginiana	Evergreen
27 Total						
Small Understory Trees		Quantity	Key	Common Name	Botanical Name	Tree Type
Height	Spread					
18'+	Varies	40	Li	Crape Myrtle	Lagerstoemia indica	Deciduous
40 Total						
Shrubs		Quantity	Key	Common Name	Botanical Name	Tree Type
Height	Spread					
3'-6'	3'-6'	168	Ag	Glossy Abelia	Abelia grandiflor	Evergreen
168 Total						

Owner:
East Point Homes, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003



Landscaping Notes:
1. Each large tree at the time of planting shall be a minimum of 2 inches in caliper and 10 feet in height.
2. When mature, a large tree should be at least 40 feet high, have minimum crown width of 30 feet, and a trunk of at least 12 inches.
3. Each understory tree at the time of planting shall be a minimum of 1 inch in caliper and 8 feet in height.
4. Each shrub at the time of planting shall be a minimum of 3 gallons.
5. The developer may substitute landscaping species as long as the City landscaping ordinances are met. Substitutions should be confirmed with the Planning Division.
6. All landscaped areas to have grass, or mulch cover.

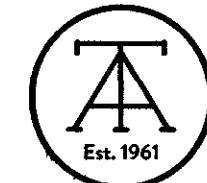
LANDSCAPING DATA:	
Street Lawn Landscaping Required	6 Large Trees, 25 Shrubs Per 100 L.F. Of Street Lawn (341 L.F. Of Street Lawn) 21 Large Trees 85 Shrubs
Street Lawn Landscaping Provided	341 L.F. Of Street Lawn 21 Large Trees 85 Shrubs
Interior Landscaped Islands Required ...	1 Island Per 10 Parking Space 127 Parking Space = 13 Islands 1 Tree Per Island 5 Shrubs Per Island
Interior Landscaped Islands Provided ...	17 Islands Island 1 = 454 S.F. = 1 Tree, 5 Shrubs Island 2 = 553 S.F. = 2 Tree, 6 Shrubs Island 3 = 599 S.F. = 2 Tree, 6 Shrubs Island 4 = 279 S.F. = 1 Tree, 5 Shrubs Island 5 = 173 S.F. = 1 Tree, 5 Shrubs Island 6 = 222 S.F. = 1 Tree, 5 Shrubs Island 7 = 173 S.F. = 1 Tree, 5 Shrubs Island 8 = 173 S.F. = 1 Tree, 5 Shrubs Island 9 = 390 S.F. = 2 Tree, 6 Shrubs Island 10 = 305 S.F. = 1 Tree, 5 Shrubs Island 11 = 374 S.F. = 2 Tree, 5 Shrubs Island 12 = 248 S.F. = 1 Tree, 5 Shrubs Island 13 = 579 S.F. = 2 Tree, 5 Shrubs Island 14 = 569 S.F. = 2 Tree, 5 Shrubs Island 15 = 505 S.F. = 1 Tree, 5 Shrubs Island 16 = 410 S.F. = 1 Tree, 5 Shrubs Island 17 = 310 S.F. = 1 Tree, 5 Shrubs
Type "A" Buffer Required	4 Canopy Trees, 6 Understory Trees, 25 Small Shrubs and 6' High Fence (774 L.F. of Buffer - 104 Natural Buffer = 670 L.F. of Buffer) 27 Canopy Trees 40 Understory Trees 168 Small Shrubs
Type "A" Buffer Provided	774 L.F. of Buffer (104 Natural Buffer)= 670 L.F. of Buffer 27 Canopy Trees 40 Understory Trees 168 Small Shrubs

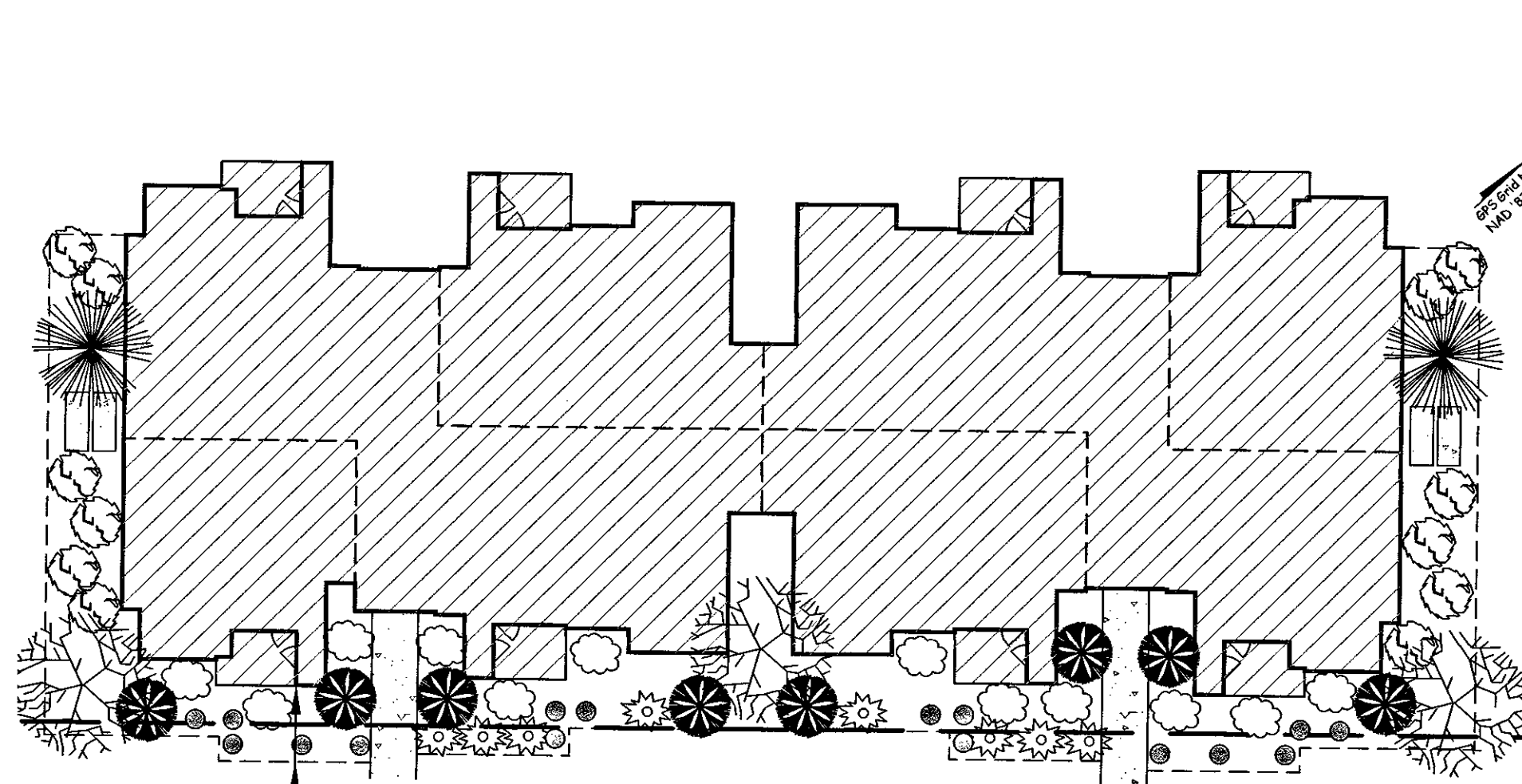
CRESTFIELD POINT APARTMENTS
350 Blue Creek School Road
Jacksonville Twp., Onslow Co., North Carolina

Developer:
Carolina Statewide Development, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

DATE: 02/21/2022
SCALE: 1"=50'
GRAPHIC SCALE: 1"=50'
0 50 100 150
FEET

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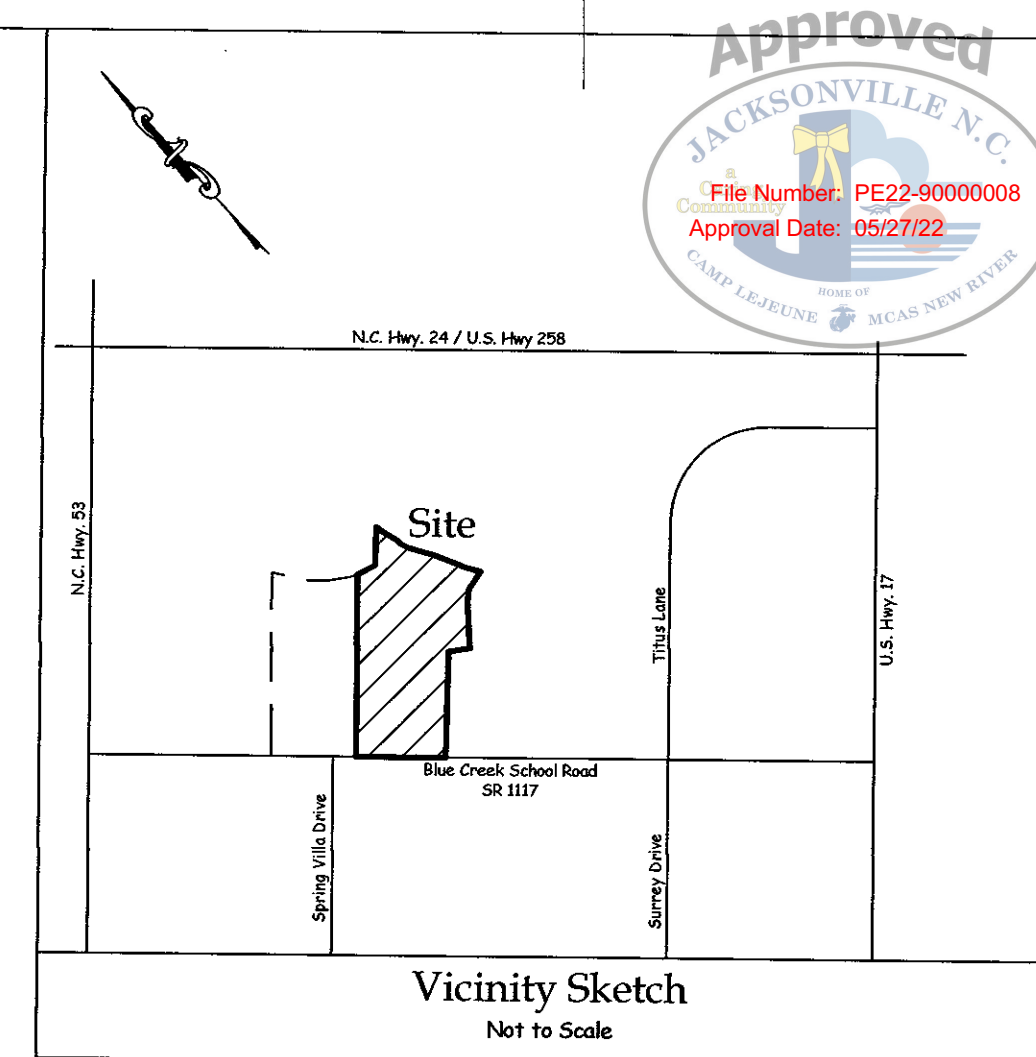


Building #1
Landscaping Plan
Scale: 1"=20'

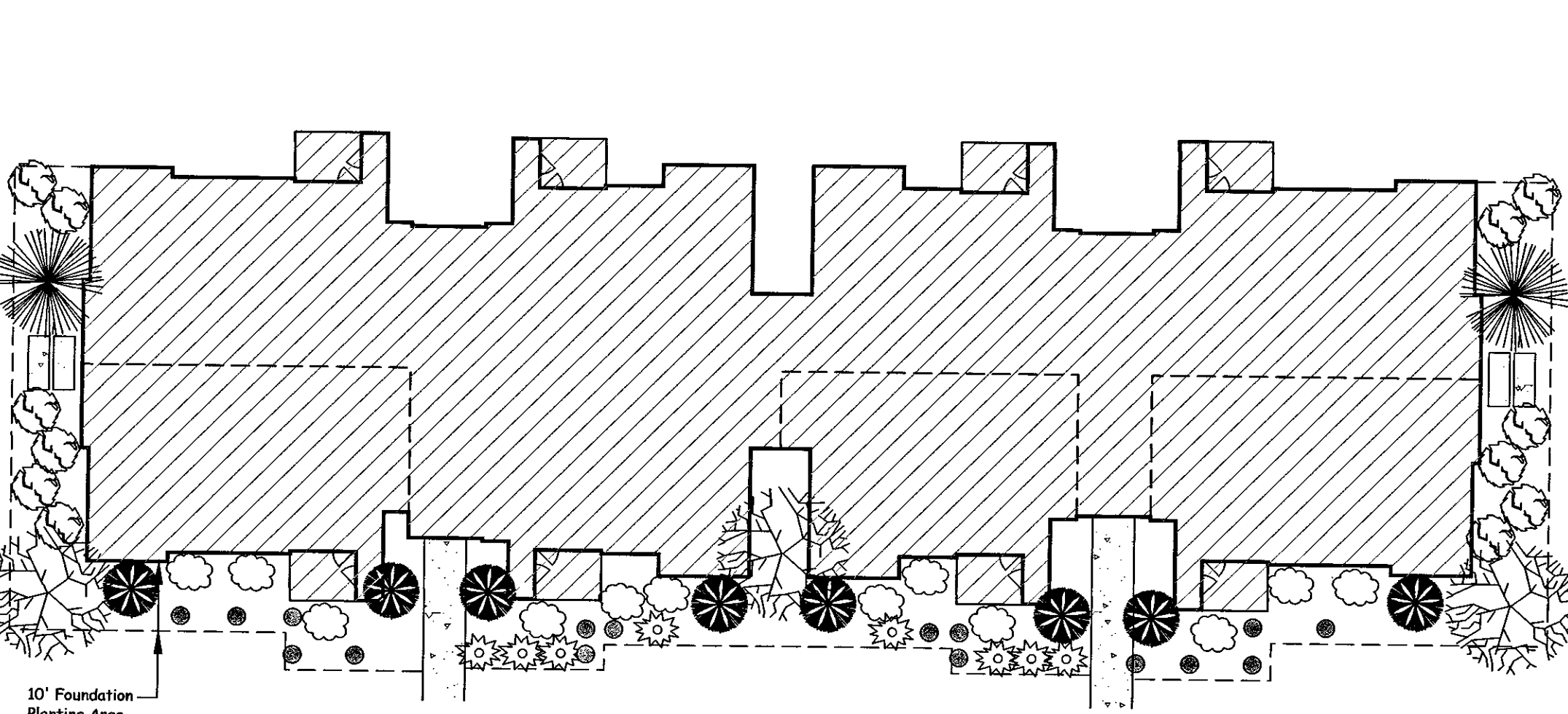
- Apartment Foundation Landscaping Legend:**
- American Holly (2 Each Bldg. = 10 Total)
 - Loropetalum (8 Each Bldg. = 40 Total)
 - Abelia "radiance" or other variegated species (12 Each Bldg. = 60 Total)
 - Crepe Myrtle (3 Each Bldg. = 15 Total)
 - Ligustrum "Sunshine" or Lemon Lime" (16 Each Bldg. = 80 Total)
 - Nandina (8 Each Bldg. = 40 Total)
 - Indian Hawthorn (12 Each Bldg. = 60 Total)

APARTMENT FOUNDATION LANDSCAPING CHART

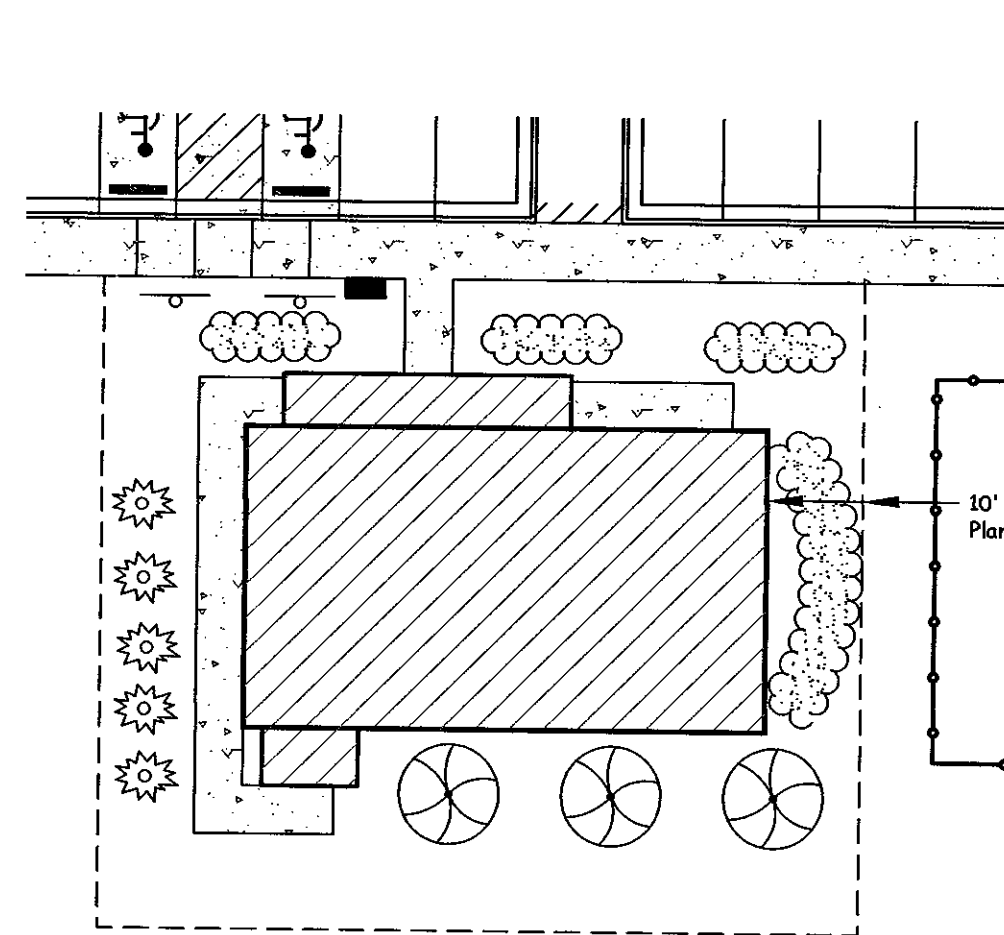
Small Understory Trees				At Maturity		
Quantity	Key	Common Name	Botanical Name	Tree Type	Height	Spread
15	Li	Crepe Myrtle	Lagerstoeamia indica	Deciduous	18'+	Varies
10	IoA	American Holly	Ilex opaca Aiton	Evergreen	15'-25'	10'-20'
25	Total					
Large Shrubs						
Quantity	Key	Common Name	Botanical Name	Tree Type	Height	Spread
40	Lc	Loropetalum	Loropetalum chinense	Evergreen	10'-15'	10'-15'
40	Total					
Small Shrubs						
Quantity	Key	Common Name	Botanical Name	Tree Type	Height	Spread
60	Ag	Glossy Abelia	Abelia grandiflor 'Radiance'	Evergreen	3'-6'	3'-6'
80	Ls	Ligustrum	Ligustrum sinense 'Sunshine'	Evergreen	3'-6'	3'-4'
40	Nd	Nandina	Nandina domestica	Evergreen	5'-7'	3'-5'
60	Ri	Indian Hawthorn	Raphiolepis indica	Deciduous	5'-7'	4'-6'
240	Total					



Vicinity Sketch
Not to Scale



Building #2
Landscaping Plan
Scale: 1"=20'



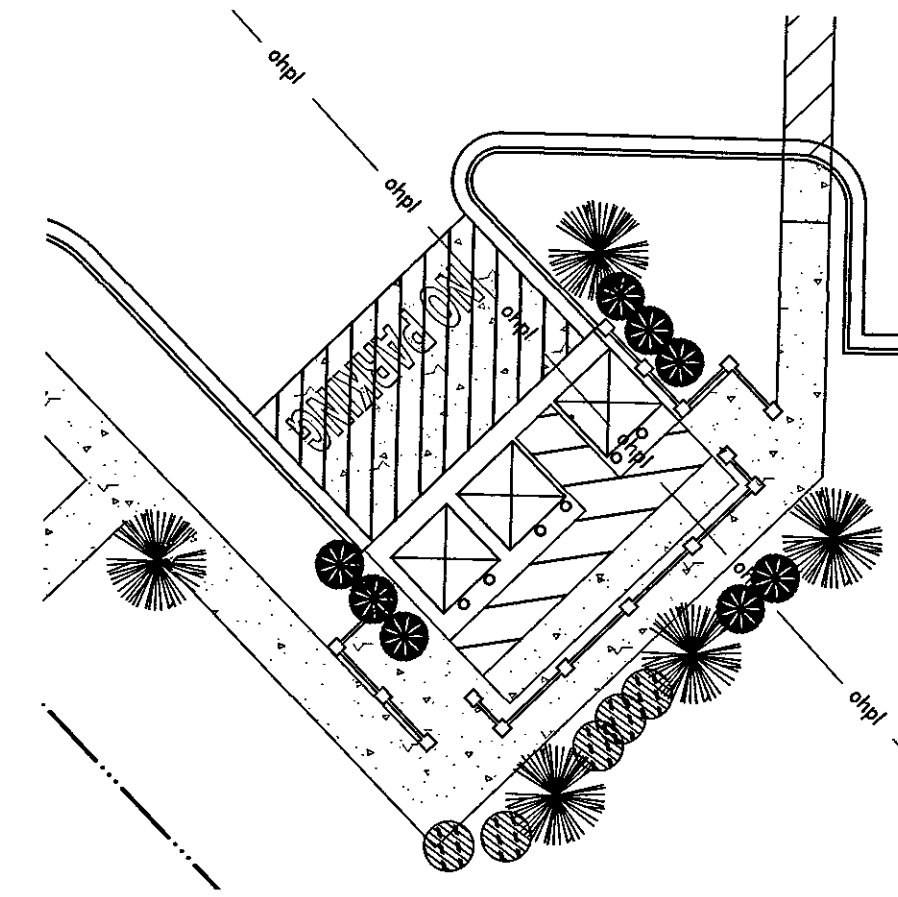
Community Center
Landscaping Plan
Scale: 1"=20'

Community Center Foundation Landscaping Legend:

- American Holly (5 Total)
- Loropetalum (12 Total)
- Abelia "radiance" or other variegated species (11 Total)
- Crepe Myrtle (2 Total)
- Red Maple (5 Total)
- Nandina (5 Total)
- Plum Yew (15 Total)

Dumpster Landscaping Legend:

- American Holly (5 Each Dumpster = 10 Total)
- Loropetalum (8 Each Dumpster = 16 Total)
- Wax Myrtle (5 Each Dumpster = 10 Total)



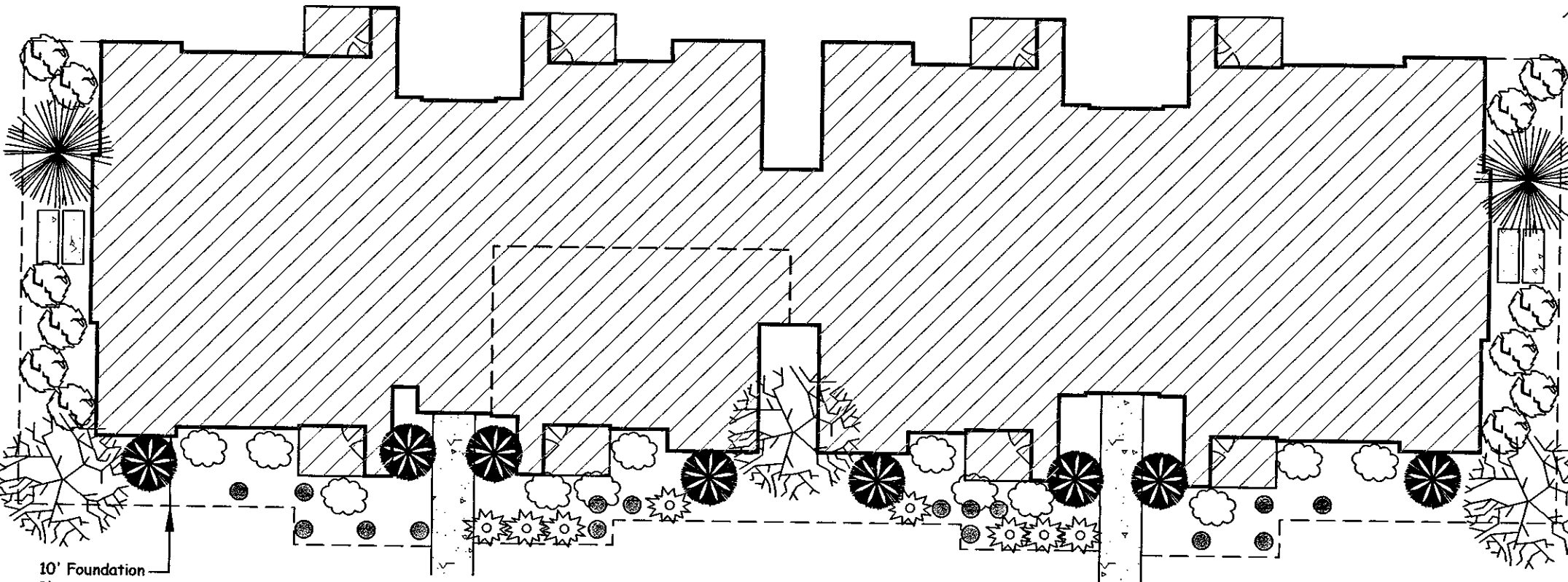
Dumpster
Landscaping Plan
Scale: 1"=20'

COMMUNITY CENTER FOUNDATION LANDSCAPING CHART

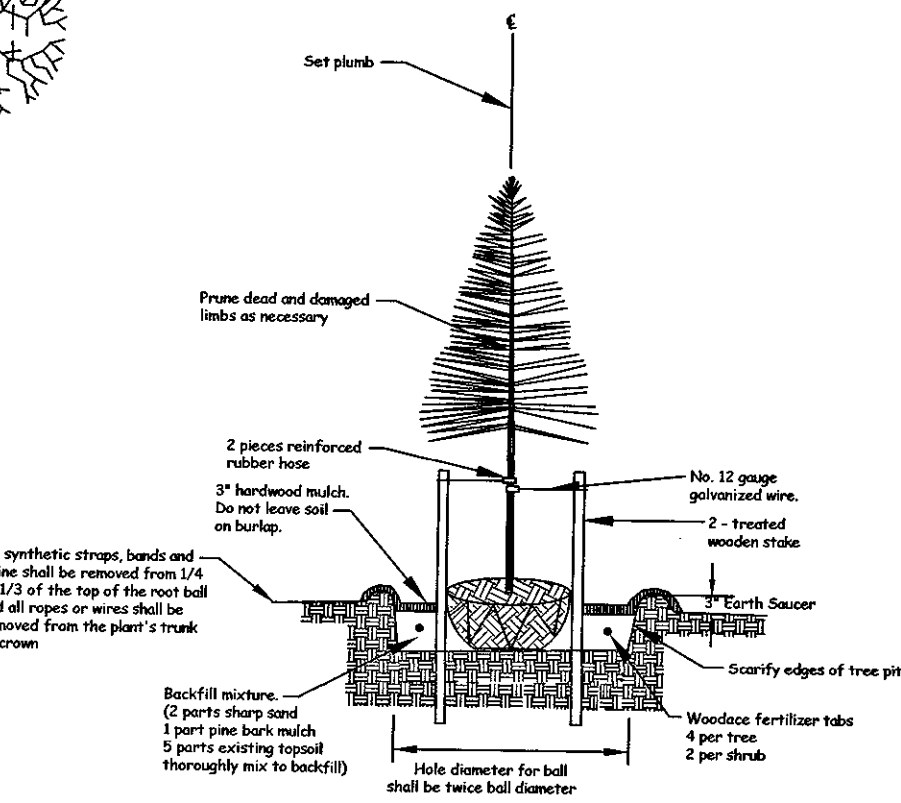
Small Understory Trees				At Maturity		
Quantity	Key	Common Name	Botanical Name	Tree Type	Height	Spread
2	LI	Crepe Myrtle	Lagerstoeimia indica	Deciduous	18'+	Varies
5	IoA	American Holly	Ilex opaca Aiton	Evergreen	15'-25'	10'-20'
5	Ar	Red Maple	Acer rubrum	Deciduous	40'-60'	40'
12	Total					
Large Shrubs						
Quantity	Key	Common Name	Botanical Name	Tree Type	Height	Spread
12	Lc	Loropetalum	Loropetalum chinense	Evergreen	10'-15'	10'-15'
15	Tf	Plum Yew	Taxus floridana	Evergreen	15'	3'-5'
27	Total					
Small Shrubs						
Quantity	Key	Common Name	Botanical Name	Tree Type	Height	Spread
11	Ag	Glossy Abelia	Abelia grandiflor 'Radiance'	Evergreen	3'-6'	3'-6'
5	Nd	Nandina	Nandina domestica	Evergreen	5'-7'	3'-5'
16	Total					

DUMPSTER LANDSCAPING CHART

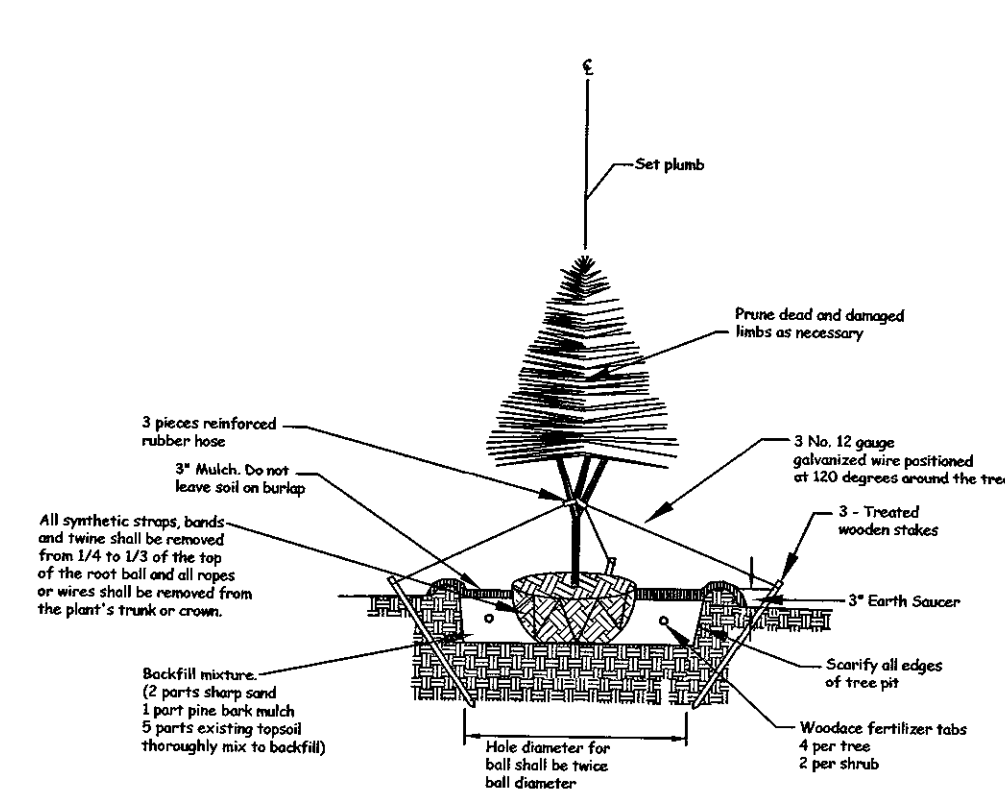
Large Canopy Trees				At Maturity		
Quantity	Key	Common Name	Botanical Name	Tree Type	Height	Spread
10	IoA	American Holly	Ilex opaca Aiton	Evergreen	15'-25'	10'-20'
10	Mc	Wax Myrtle	Myrica cerifera	Evergreen	20'	6'-12'
20	Total					
Large Shrubs				At Maturity		
Quantity	Key	Common Name	Botanical Name	Tree Type	Height	Spread
16	Lc	Loropetalum	Loropetalum chinense	Evergreen	10'-15'	10'-15'
16	Total					



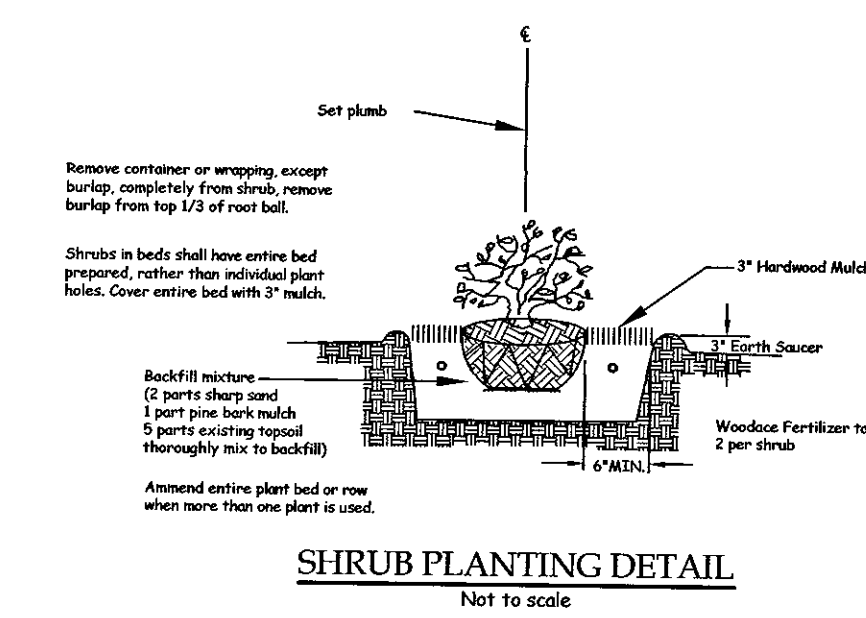
Building #3
Landscaping Plan
Scale: 1"=20'



CANOPY TREE PLANTING DETAIL
Not to scale



ORNAMENTAL TREE PLANTING DETAIL
For small trees with a low branching habit
Not to scale



SHRUB PLANTING DETAIL
Not to scale

Foundation Landscape Plan

CRESTFIELD POINT APARTMENTS

350 Blue Creek School Road
Jacksonville Twp., Onslow Co., North Carolina

Developer:

Carolina Statewide Development, LLC

166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

DATE: 02/21/2022

SCALE: 1"=20'

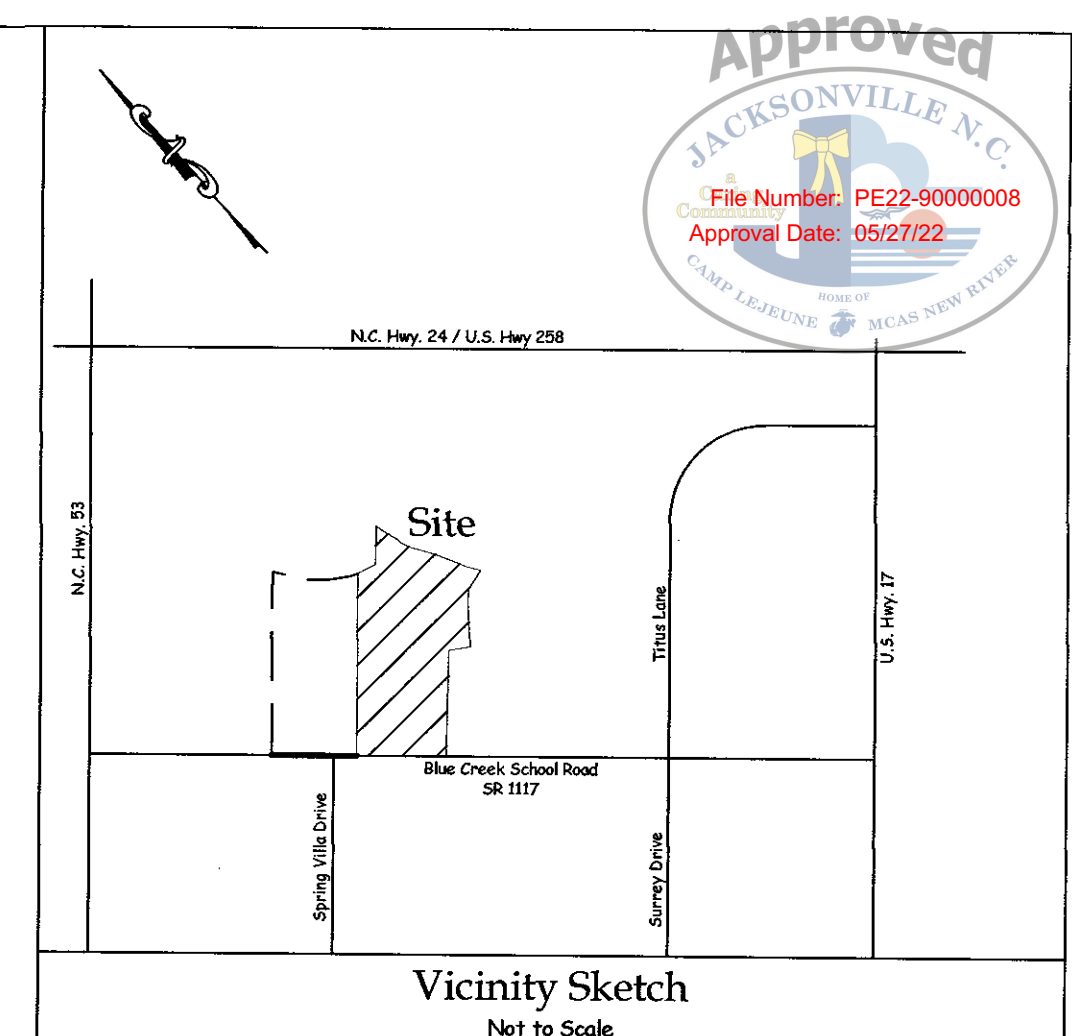
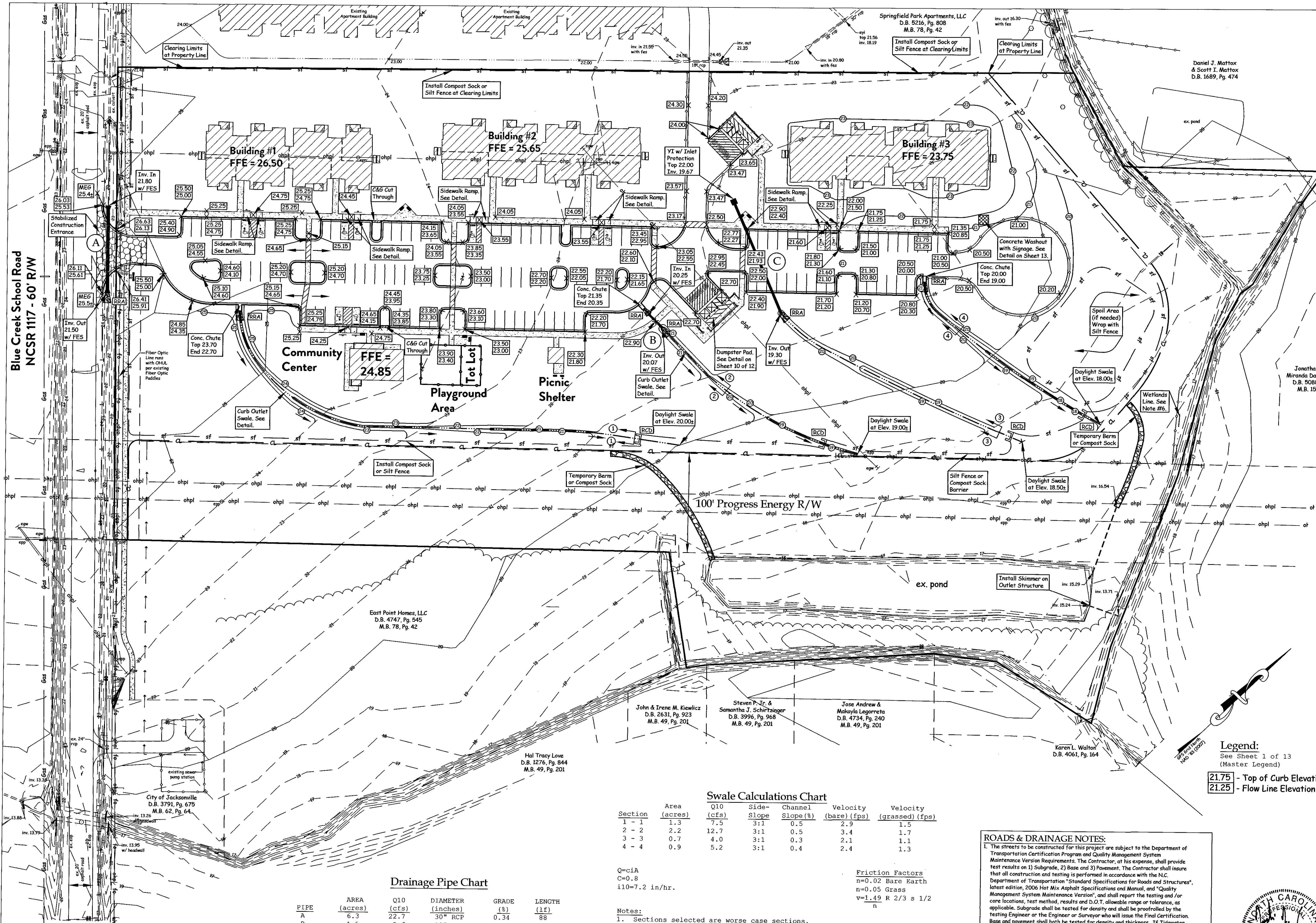
GRAPHIC SCALE: 1"=20'



TIDEWATER ASSOCIATES, INC.
Consulting Engineers - Land Surveyors - Land Planners
Jacksonville, North Carolina
P.O. Box 976 - 306 New Bridge Street - 28540
Phone (910) 455-2414 - www.tidewaterENC.com
Firm License Number: F-0198



Note:
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Tract Data:

Total Acreage	13.22 Ac.
Acreage of land to be disturbed and exposed	8.77 Ac.
Acreage in parks or other recreation land usage	0 Ac.
Acreage in open space (Required)	13.22 Ac. x 25% = 3.3 Ac.
Acreage in open space (Provided)	9.8 Ac.
Number of Lots Existing	1
Number of Lots Proposed	1
Number of Units	72 (8 H/C Units)
Minimum Lot Size Allowed	n/a
Average Lot Size	n/a
Ownership Status	Rental
Type of Units	Apartments
Net Density Allowed (Max.)	25 Units/Acre
Density Proposed	5.45 Units/Acre
Existing Use(s)	Undeveloped
Proposed Use(s)	Apartments

Deed References:
D.B. 4747, Pg. 545
M.B. 78, Pg. 42
Tax Map 332, Parcel 88 PIN 435612963919

- Erosion and Sedimentation Control Notes:**
- Construction Sequence:**
 - There is a Mandatory Preconstruction meeting with City of Jacksonville's Soil and Erosion Control and Stormwater Staff. Contractor is required to contact City staff to schedule prior to any clearing, grubbing or construction activities taking place on the site.
 - Clear only the area necessary to install the construction entrances and perimeter silt fences. The remainder and bulk of clearing is not to be done until installation of these items has been completed.
 - Sediment control measures are required to be installed at the earliest practicable date after start of work. Grading operations shall begin at low points, points of outfall release or at other locations where sediment control measures are shown on plan, and the sediment control devices shall be installed before or simultaneously with the grading of any area draining to the device.
 - Install stabilized construction entrance prior to beginning construction.
 - Clear and grub entire project area. Limits of clearing shall be as shown.
 - Install compost sock silt barrier (CSSB) or silt fence where shown immediately after clearing and install silt fence on outlet structure of existing pond prior to grading. Temporary Berm or Compost Sock to be installed with the purpose of diverting stormwater to existing pond to act as sediment control device during construction.
 - Install sanitary sewer services.
 - Install storm drain pipes with riprap aprons. Install swales.
 - Rough grade roads and building pad areas.
 - Install water mains and services.
 - Fine grade streets. Place CABC over compacted subgrade. Contractor must conduct and pass a proof roll test, on the subgrade prior to installing stone, and on the stone prior to installing asphalt. The proof roll tests shall be conducted in the presence of The Soil Engineer. Density and thickness tests on subgrade, stone and asphalt by The Soil Engineer shall be conducted and approved and tests results submitted to Engineer. For additional info, See paving detail.
 - Maintain erosion control measures as needed to assure full functionality.
 - Install asphalt surface course. Soil Engineer to witness laydown and test for thickness and density and submit results to Engineer.
 - Temporary or permanent seed, fertilizer, and mulch all disturbed areas after completing any phase of the grading work within the following time schedule. Apply temporary seeding and mulch if area is to be disturbed again and permanent seeding and mulch if area has been final graded and accepted by Engineer and Owner.
 - Slopes steeper than 3:1 and perimeter dikes, swales, ditches and slopes, and area near HWY waters - within 7 days.
 - Slopes 3:1 or flatter, and all other areas with slopes flatter than 4:1 - within 14 days. If temporary seeding is used to temporarily stabilize an area upon final grading of the job the permanent seed, fertilizer and mulch shall be completed. See detail for seeding specifications.
 - Seeding Specifications:**

Apply lime and fertilizer and work into 4 - 6 inches of soil. Seed mixture shall be distributed uniformly and covered with a clean straw mulch. All mulch shall be compacted or asphalt tacked to hold in place. See "Seeding Specifications" for material and application rates as follows, and are generally considered minimums.
 - Contractor is responsible for complying with erosion control permit conditions and NPDES general permit conditions. See permits for additional information.
 - Contractor is responsible for removing sediment and restoring the stormwater wetlands to its design dimensions. Contractor shall amend measures as required to prevent accelerated erosion from taking place on this site, until site is restabilized and accepted by Engineer and Owner.
 - Upon restabilization of all disturbed areas and swales, contractor shall remove all temporary erosion control facilities and grade, grass, mulch, and restabilize the areas.
 - Once contractor has completed job and site is restabilized, the developer shall be responsible to maintain the restabilized areas until time when the lots are sold or developed.
 - For additional information, see specifications and other plan sheets.

Swale Calculations Chart

Section	Area (acres)	Q10 (cfs)	Side-Slope (ft)	Channel-Slope (ft)	Velocity (bare) (fps)	Velocity (grassed) (fps)
1 - 1	1.3	7.5	3:1	0.5	2.9	1.5
2 - 2	2.2	12.7	3:1	0.5	3.4	1.7
3 - 3	0.7	4.0	3:1	0.3	2.1	1.1
4 - 4	0.9	5.2	3:1	0.4	2.4	1.3

Drainage Pipe Chart

PIPE	AREA (acres)	Q10 (cfs)	DIAMETER (inches)	GRADE (lf)	LENGTH
A	6.3	22.7	30" RCP	0.34	88
B	1.5	8.6	18" RCP	0.75	24
C	0.4	2.3	15" RCP	0.30	124

Q=C1A
C=0.8
110=7.2 in/hr.

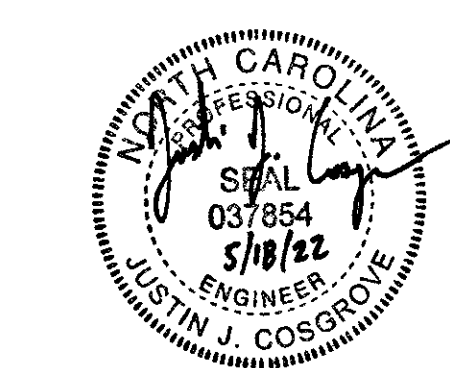
Notes:

- Sections selected are worse case sections.
- Line bottom of all ditches and swales with American Excelsior Curlex Blanket.

RCP = Reinforced Concrete Pipe
CFS = Cubic Feet per Second
LF = Linear Feet
FPS = Feet per Second

- General Notes:**
- Topographic contours taken from a survey map prepared by Johnny J. Williams Land Surveying, P.C. dated Dec. 28, 2009.
 - Boundary information taken from a survey map prepared by Johnny J. Williams Land Surveying, P.C. dated Dec. 28, 2009 and computed information. All boundary information and corner labels are taken from the Williams map.
 - Development area is partially wooded & mostly an open agricultural field.
 - All easements to be Public Drainage & Utility as dimensions shown, unless otherwise noted.
 - Wetlands line taken from map titled "Wetlands Survey" by Johnny J. Williams Land Surveying, P.C. dated 04/24/12.
 - Stormwater drains to Brinson Creek, and is classified as SC; NSW waters.
 - This project is not affected by any special flood hazard area based upon FEMA map CPN 370178 43567 (City of Jacksonville), Effective Nov. 3, 2005.
 - For additional details, see specifications and additional plans.
 - Sidewalks shall be free of cracks and breaks prior to the issuance of a Final Certificate of Occupancy.
 - Areas noted for trees and greenways and/or required sidewalks shall be unobstructed from 6' below grade to 10' above grade (overhead clearance). Telephone pedestals, electric transformers, drop inlets, fences, or any other obstructions shall be removed and/or relocated in order to create and maintain this clearance.
 - It shall be unlawful for any person to make any excavation or do any other work which may cause a dangerous condition in or on any street, alley, sidewalk, public way or public place in the city, unless a written permit therefore shall have been first obtained from an officer of the city vested with authority to grant the same. No permit shall be issued in any case where a bond is required, until a bond shall have been executed.
 - Slopes 3:1 seeding allowed, 2:1 sod required, 1:1 not allowed unless engineered (retaining wall) and not within an easement.
 - Erosion control measures are performance based and may require adjustments as needed.
 - For erosion control requirements, refer to the approved permit / plan.
 - All elevations are flow line unless otherwise noted.

- ROADS & DRAINAGE NOTES:**
- The streets to be constructed for this project are subject to the Department of Transportation Certification Program and Quality Management System Maintenance Version Requirements. The Contractor, at his expense, shall provide test results on 1) Subgrade, 2) Base and 3) Pavement. The Contractor shall ensure that all construction and testing is performed in accordance with the N.C. Department of Transportation "Standard Specifications for Roads and Structures", latest edition, 2006 Hot Mix Asphalt Specifications and Manual, and "Quality Management System Maintenance Version", and shall report the testing and/or core locations, test method, results and D.O.T. allowable range or tolerance, as applicable. Subgrade shall be tested for density and shall be proofrolled by the Testing Engineer or the Engineer or Surveyor who will issue the Final Certification. Base and pavement shall both be tested for density and thickness. If Tidewater Associates is administering the construction they must also proofroll the stone. Twenty-four (24) hour advance scheduling before proofroll. Testing for pavement shall be certified by either a professional Engineer or properly certified QMS technician and shall be in accordance with QMS criteria. Required thickness for this project is as shown on the plans. Note that thickness for widening or turn lanes is greater than that for internal streets.
 - Minimum Densities:
 - Subgrade 100%
 - Stone Base 100%
 - S 9.5B 90%
 - T 19.0C 92%
 - R 25.0C 92%
 - Notify the Engineer or Surveyor, who will issue the overall Final Certification, of all phases of Roadway Construction.
 - All metal used for any type of catch basin or inlet shall be produced in the USA.
 - A minimum sight distance of 10'X70' shall be maintained along the right-of-way of all internal intersections.
 - 20 foot radii at right-of-way intersections, 30 foot radii at edge of pavement intersections.
 - All culverts under streets shall be reinforced concrete per North Carolina Department of Transportation Specifications, unless otherwise specified and/or approved by the Engineer and/or Department of Transportation.
 - All roads shall be public and built to NCDOT Standards.
 - There shall be no encroachments within the NCDOT Right-of-way.
 - All materials and practices shall meet North Carolina Department of Transportation Standards.
 - For other detailed construction notes, see plan and profiles.



Owner:
East Point Homes, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

Grading, Drainage, Erosion and Sedimentation Control Plan

CRESTFIELD POINT APARTMENTS
350 Blue Creek School Road
Jacksonville Twp., Onslow Co., North Carolina

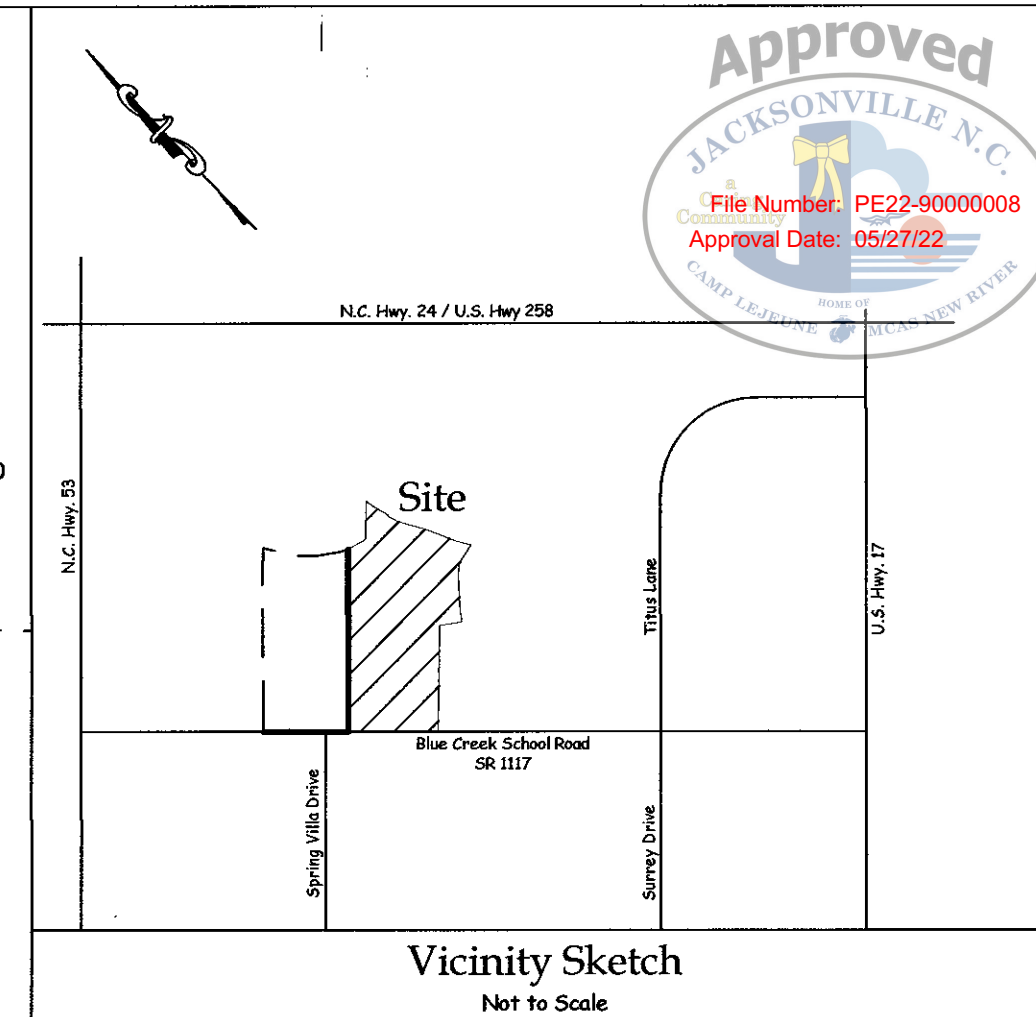
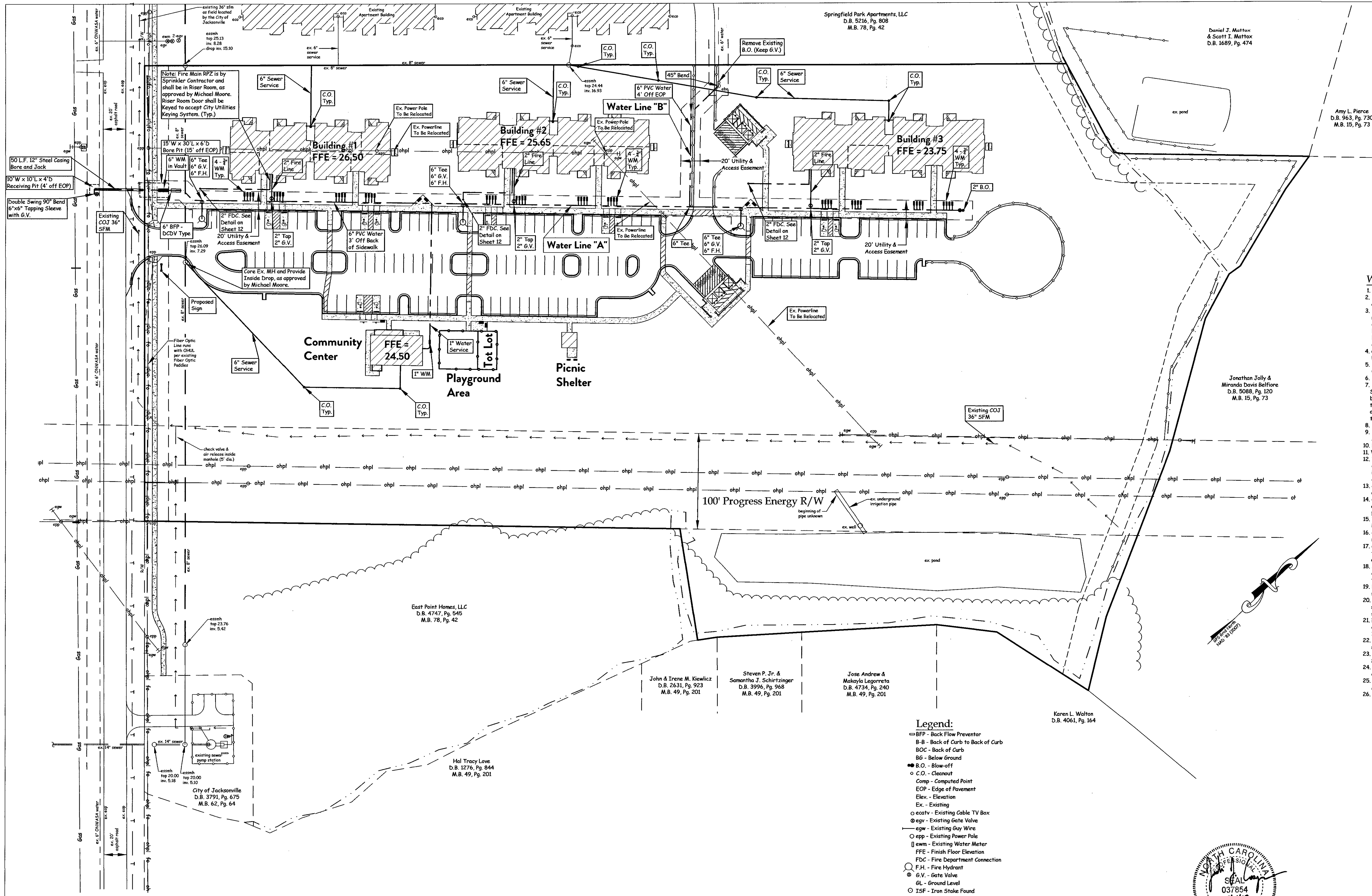
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DATE: 02/21/2022
SCALE: 1"=50'

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GRAPHIC SCALE: 1"=50'
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FEET

Sheet 6 of 13



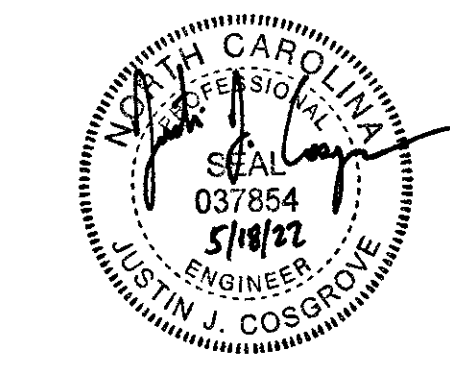
- Water and Sewer Notes:**
1. Potable water supply to be by ONWASA and sewage treatment to be by City of Jacksonville.
 2. Contractor shall verify location of existing water and sewer mains and report any deviations to Engineer prior to construction.
 3. As of October 1, 2014, anyone digging with mechanized equipment in highway right-of-way, private utility easements, or public spaces will be required by North Carolina law to give notice of the proposed excavation to all existing area utilities at least three to twelve business days before starting to dig. The utility owner is to locate its facilities in the area of the proposed excavation. Utility members of North Carolina 811 can be contacted at 1-800-632-4949 or call 811.
 4. Contractor is responsible for contacting any utility company that is not a member of North Carolina 811.
 5. Contractor shall verify location of all underground utilities prior to commencement of work.
 6. Contractor is responsible for any damages to any existing utilities.
 7. All proposed sewer mains to be SDR 35 PVC, C500 or Ductile Iron as shown on plans. Services to be 6-inch Sch. 40 PVC or Ductile Iron. Place 3" to 6" minimum #57 stone bedding under all gravity mains. Place #57 stone haunching to 1" above (min.) above top of pvc pipe and to spring line (min.) for ductile iron. Place 12" compacted select fill above stone to 12" minimum above pipe, then suitable fill compacted in 6" lifts above that.
 8. All manholes located outside of street right-of-ways shall have watertight rings and covers.
 9. All water mains 4" through 12" shall be AWWA C-900, Class 150, 2" water shall be ASTM D-2241, PVC 1120, SDR 21, 200 PSI pressure rating.
 10. Fire hydrants shall be Mueller Cushman, Model A421 or American Flow Control Mark 73.
 11. Water mains shall be buried with minimum of 36-inches cover, unless otherwise noted.
 12. Water mains and sewer mains shall have proper separations. At water and sewer crossings, the water main shall have 18 inches separation above the sewer main or they both shall be constructed of ferrous material for a minimum of 10 feet each side of the crossing. See specifications for further details.
 13. Contractor to lay water mains at extra depth to avoid conflicts with storm drainage or other facilities.
 14. Contractor shall notify the City of Jacksonville Engineering Division, the certifying Engineer and ONWASA at least 48 hours prior to commencing any work, inspections, sampling, and pressure tests.
 15. Water chlorination and pressure tests are required in the presence of the City of Jacksonville Engineering Division, ONWASA and the certifying Engineer.
 16. Contractor shall furnish negative bacterial analysis results and 24 hour chlorine residual results to the City of Jacksonville / ONWASA and provide them to the certifying Engineer.
 17. Contractor shall maintain comprehensive (depth and horizontal locations) field "As Builts" for all installations and submit them to the Certifying Engineer, the City of Jacksonville and ONWASA.
 18. All units and the community center shall have individual water services installed by the contractor. Each building and community center shall have sewer services installed by the contractor.
 19. For other detailed construction notes, see plan and profiles, other plan sheets and specifications.
 20. All sewer system installation materials and practices shall meet City of Jacksonville specifications. All water system installation materials and practices shall meet ONWASA specifications. All metal structures to be fabricated in the USA.
 21. No construction of either water or sewer mains is to begin prior to receipt of permits to construct from NCDENR in accordance with 15A NCAC18C.0305 (a) and 15A NCAC02H.0204.
 22. Sewer services on deep sewer lines (greater than 15' depth) shall have inside drops where services tie into manholes. Invert openings shall have 2x diameter separation.
 23. All construction must be completed in accordance with the City of Jacksonville Manual of Specifications, Standards, and Design.
 24. Prior to commencing construction the contractor shall schedule a preconstruction conference with the City of Jacksonville at City Hall.
 25. 30" Utility & Access Easement to be Centered Over All Sewer Mains & 20" Utility & Access Easements to be Centered Over All Water Mains.
 26. All construction within DOT right-of-way shall be in accordance with the NCDOT requirements. DOT officials shall be notified 48 hours prior to commencing work within the right-of-way.

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- Legend:**
- BFP - Back Flow Preventor
 - B-B - Back off Curb to Back of Curb
 - BOC - Back of Curb
 - BG - Below Ground
 - B.O. - Blow-off
 - C.O. - Cleanout
 - Comp - Computed Point
 - EOP - Edge of Pavement
 - Elev. - Elevation
 - Ex - Existing
 - cecv - Existing Cable TV Box
 - egr - Existing Gate Valve
 - egw - Existing Guy Wire
 - epp - Existing Power Pole
 - [ewm] - Existing Water Meter
 - FFE - Finish Floor Elevation
 - FDC - Fire Department Connection
 - F.H. - Fire Hydrant
 - G.V. - Gate Valve
 - GL - Ground Level
 - ISF - Iron Stake Found
 - IPF - Iron Pipe Found
 - L.F. - Linear Feet
 - NS - Nail Set
 - P.T. - Plug Tapped
 - PVC - Polyvinyl Chloride Pipe
 - R/W - Right-of-way
 - sfm - Sewage Force Main
 - Typ. - Typical
 - WM - Water Meter
 - Handicap Parking Spot
 - Reducer
 - Existing Drainage & Utility Easement
 - Existing Overhead Power Line
 - Existing Right-of-way
 - Existing Sewage Force Main
 - Existing Tree Line
 - Existing Underground Telephone Line
 - Existing Water Main
 - Existing Water Meter
 - Proposed Fence
 - Property Line
 - Proposed Concrete Sidewalk
 - Proposed Water Main
 - Proposed Water Utility and Access Easement
 - fo - Underground Fiber Optic Line

Rev. 05/18/2022 KHW - Plot for signature
Rev. 05/16/2022 KHW - Rev. FDC label
Rev. 05/02/2022 KHW - Add Project Address; revise fdc location
Rev. 03/28/2022 KHW - Revise per owner comments

Field Book: N/A
Disk Name: Acad #2897
Filename: Crestfield - Shading KHW
Job No.: C210826-7848



Owner:
East Point Homes, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

Water and Sewer Plan

CRESTFIELD POINT APARTMENTS
350 Blue Creek School Road
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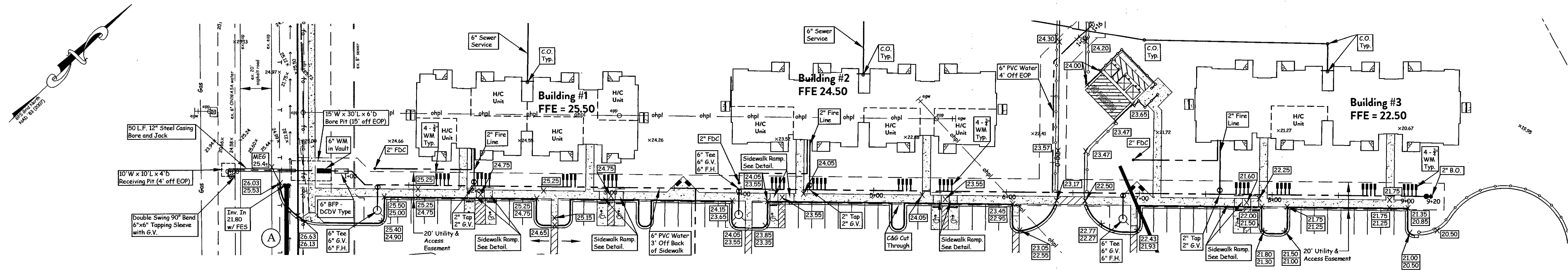
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GRAPHIC SCALE: 1"=50'
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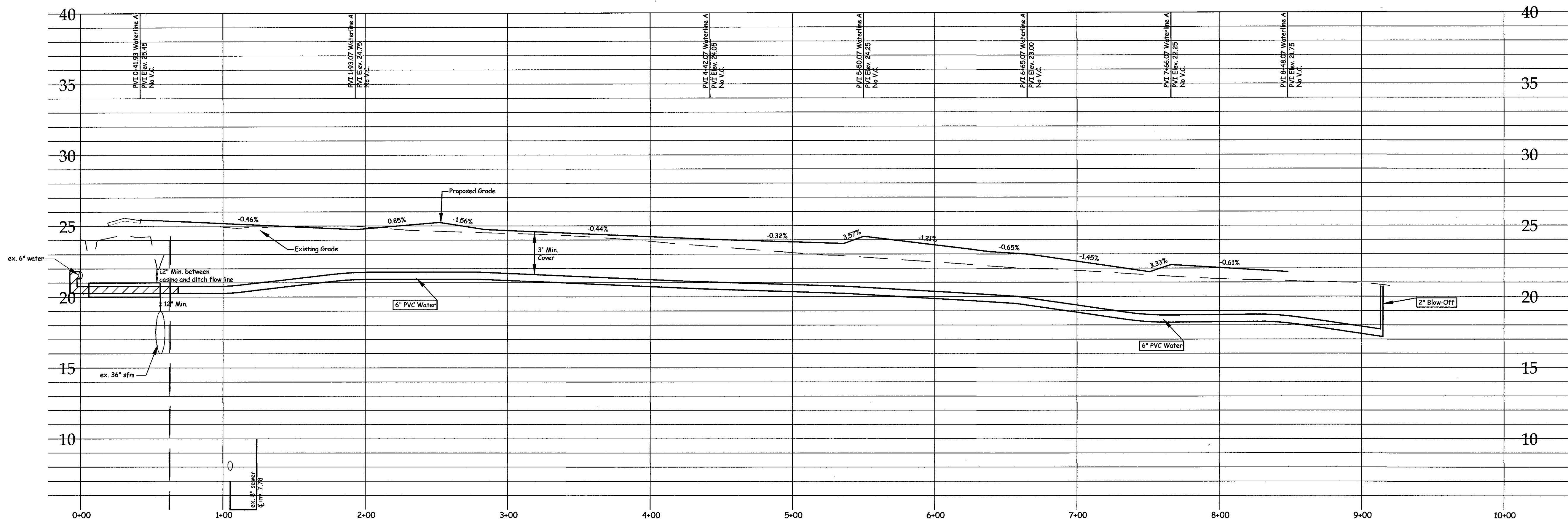
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Sheet 7 of 13



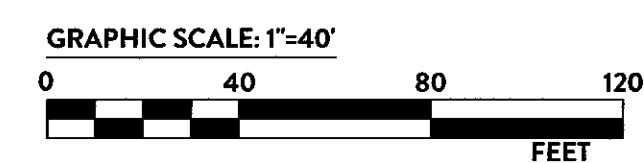
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 - Ex - Existing
 - ecav - Existing Cable TV Box
 - egw - Existing Guy Wire
 - esp - Existing Power Pole
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 - Existing Water Meter
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 - Proposed Water Main
 - Proposed Water Utility and Access Easement

Water Line "A"

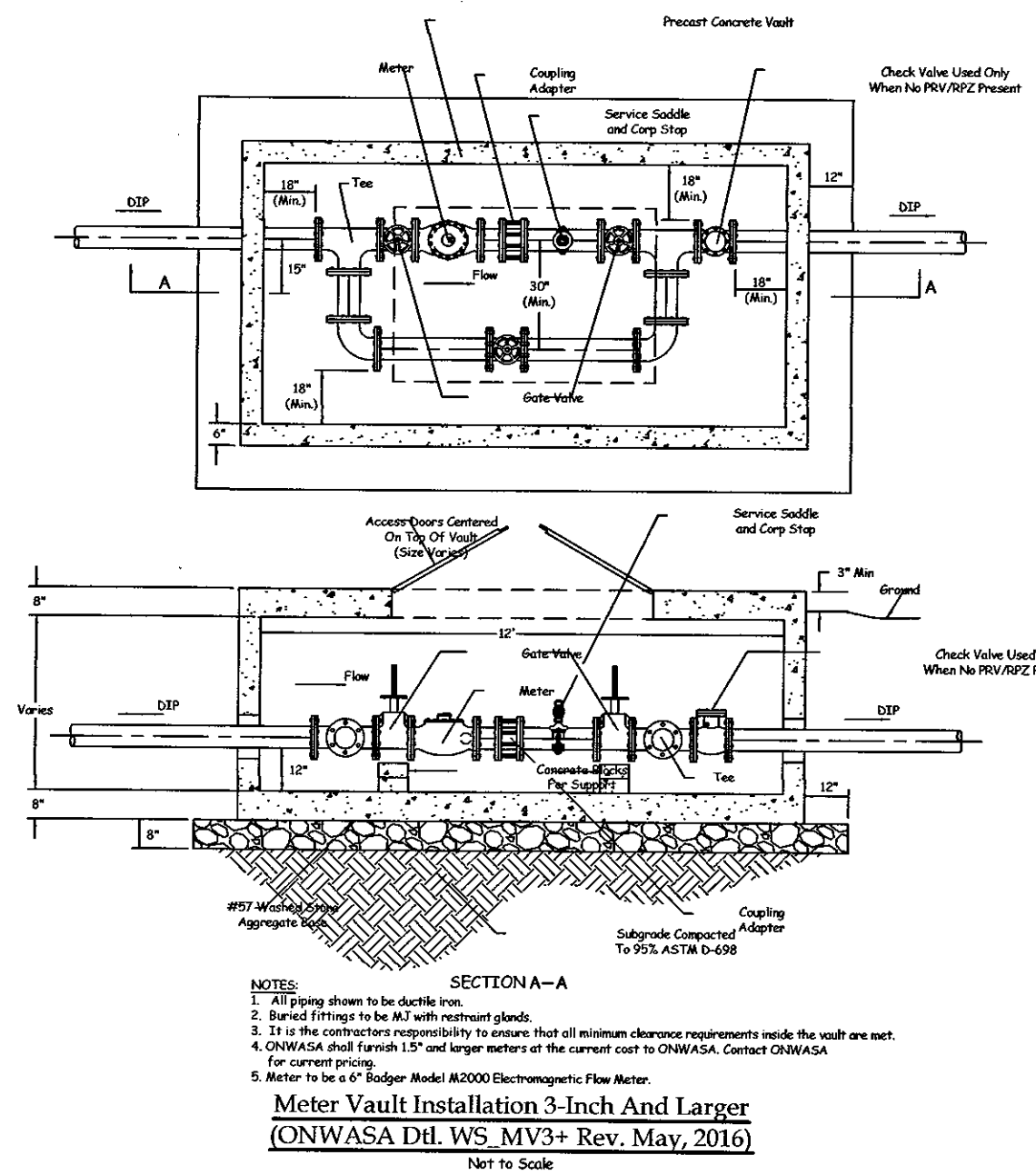
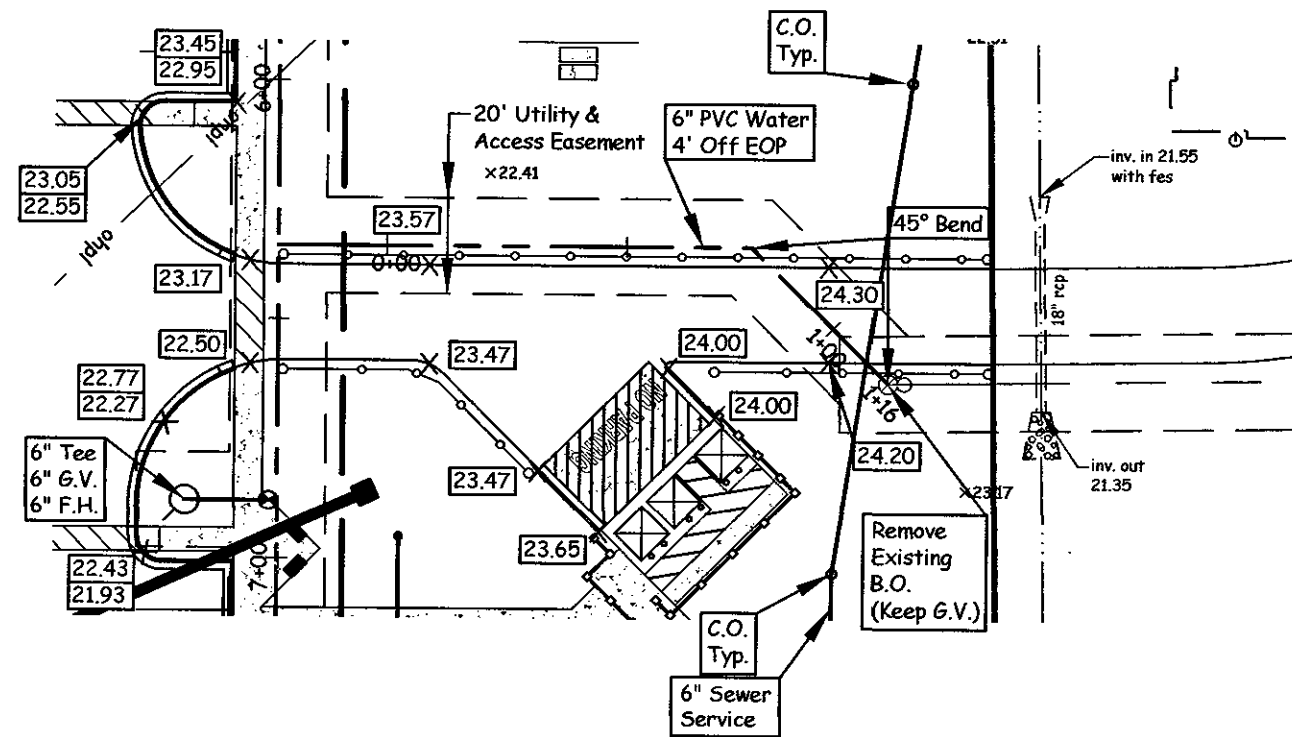
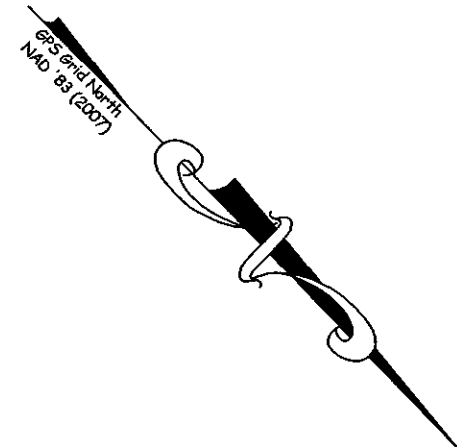


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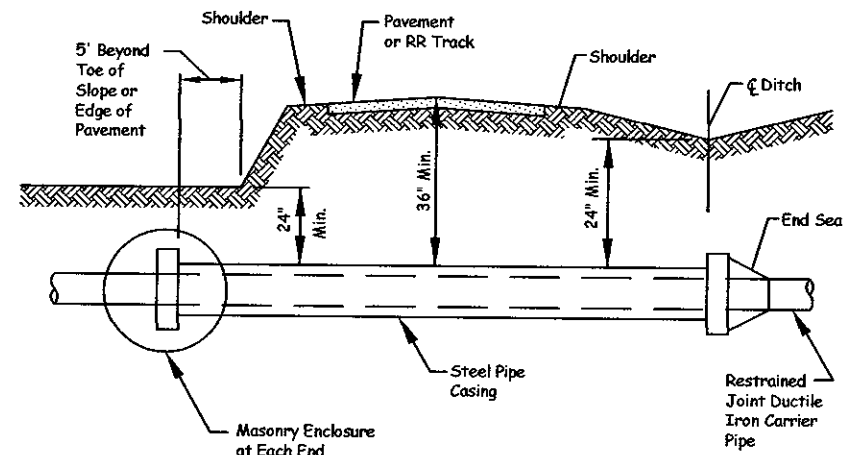
Owner:
East Point Homes, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003



Water Line "A" CRESTFIELD POINT APARTMENTS 350 Blue Creek School Road Jacksonville Twp., Onslow Co., North Carolina		Developer: Carolina Statewide Development, LLC 166 Center Street Jacksonville, North Carolina 28546 (910) 937-0003	
TIDEWATER ASSOCIATES, INC. Consulting Engineers - Land Surveyors - Land Planners Jacksonville, North Carolina P.O. Box 976 - 306 New Bridge Street - 28540 Phone (910) 455-2414 - www.TidewaterENC.com Firm License Number: F-0108		Sheet No. 8 of 13 Designed: JAH Drawn: KHW Job No.: C210826-7848	
Date: 02/21/2022	Scale: Vertical 1"=4' Horizontal 1"=40'	Filename: Crestfield-Site.dwg	Disk: Acad #2897



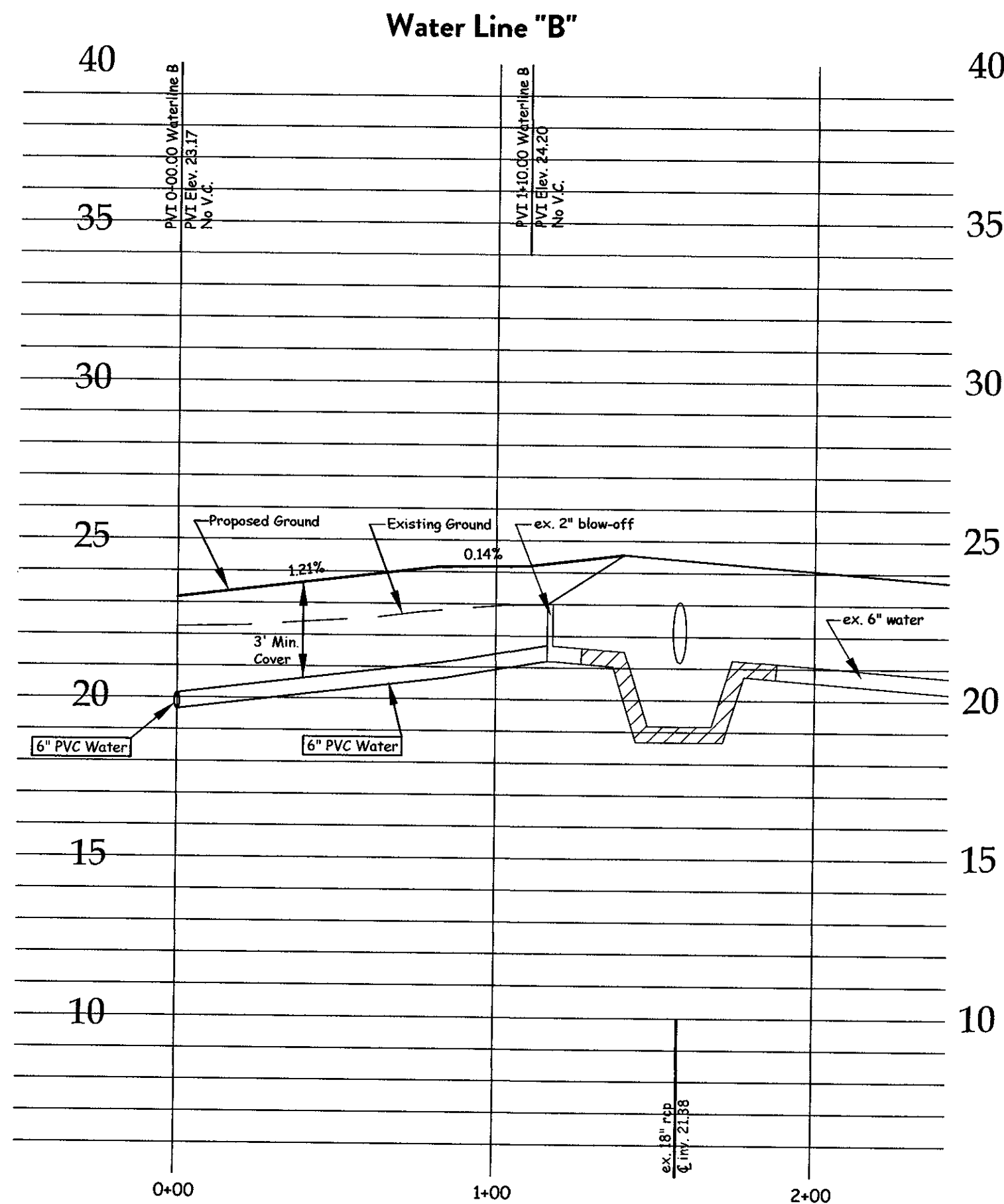
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 - G.V. - Gate Valve
 - GL - Ground Level
 - ISF - Iron Stake Found
 - IPF - Iron Pipe Found
 - L.F. - Linear Feet
 - NS - Nail Set
 - P.T. - Plug Tapped
 - PVC - Polyvinyl Chloride Pipe
 - R/W - Right-of-way
 - sfm - Sewage Force Main
 - Typ - Typical
 - WM - Water Meter
 - Handicap Parking Spot
 - Reducer
 - Existing Drainage & Utility Easement
 - Existing Overhead Power Line
 - Existing Right-of-way
 - Existing Sewage Force Main
 - Existing Tree Line
 - Existing Underground Telephone Line
 - Existing Water Main
 - Existing Water Meter
 - Property Line
 - Proposed Concrete Sidewalk
 - Proposed Water Main
 - Proposed Water Utility and Access Easement



Typical Pipe Crossing
Enclosures shall extend from Ditch Line to Ditch Line in Cut Sections, Five (5) Feet Beyond the Toe of Slopes in Fill Sections, and Ten (10) Feet Beyond Edge of Pavement in Sections With No Ditch or Fill Area.

- Notes:**
1. Steel Encasement Pipe shall conform to the requirements of the Project Specifications.
 2. Corner Pipe shall be adequately supported the entire length within the casing by using spacers or "spiders" steel supports at a maximum of 9 foot centers (one at each joint and one intermediate). Other methods must meet approval of the Engineer.

Dry Bore and Jack Pipe Encasement
(ONWASA Dtl. WS B&J Rev. May, 2016)
Not to Scale

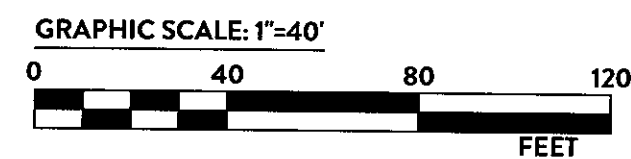


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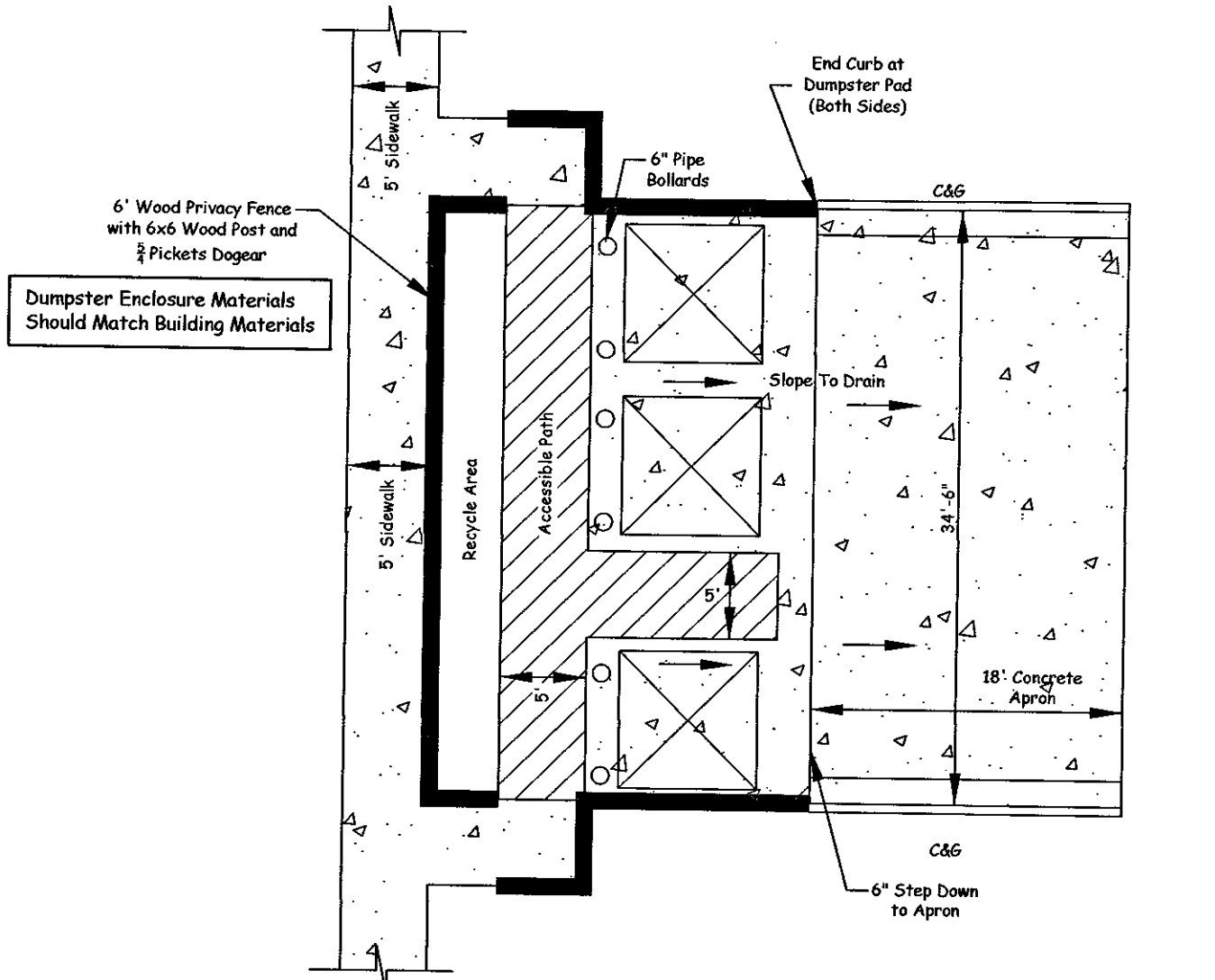
Contractor shall insure that he and all his workers (contractors, subcontractors and other site personnel) do not damage construction stakes or other measures used in laying out the project whether by the Engineer or another entity including those under the employ of the contractor. Contractor shall cause his workers to observe and verify to the fullest extent practicable that stakes, other measures and grades are, or appear to be, accurate and correct, and immediately, but prior to any associated work, notify the staking entity of any potential conflict, error or question regarding the work. The Engineer shall not be responsible if all of the above measures are not strictly adhered to. The Engineer shall not be responsible where due to damage, his staking can not be verified. For critical or costly components of the work, where the contractor believes that staking may not be preserved, the contractor shall request the staking entity to place staking in an area where its preservation can be insured.

Rev. 05/18/2022 KHW - Remove PDC detail
Rev. 05/02/2022 KHW - Add Project Address; revise grades

Owner:
East Point Homes, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

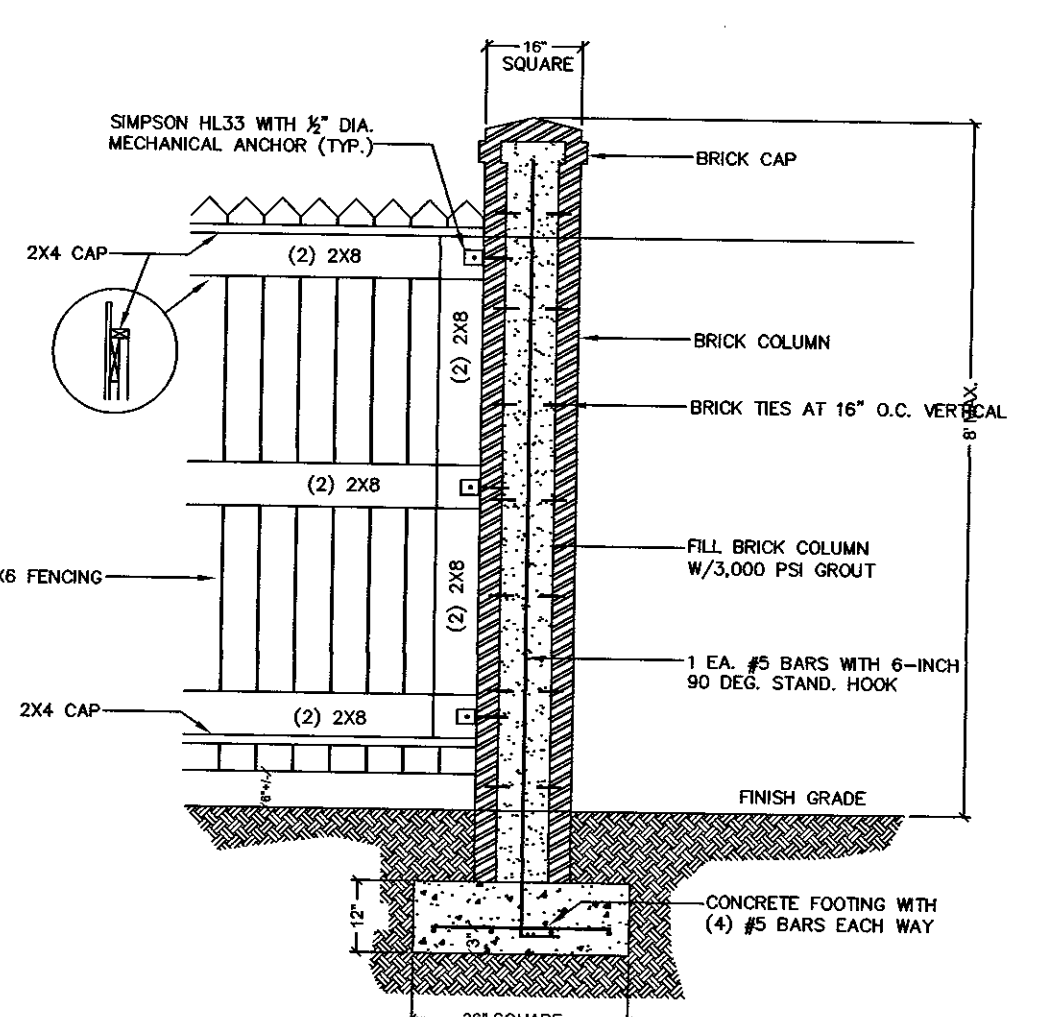
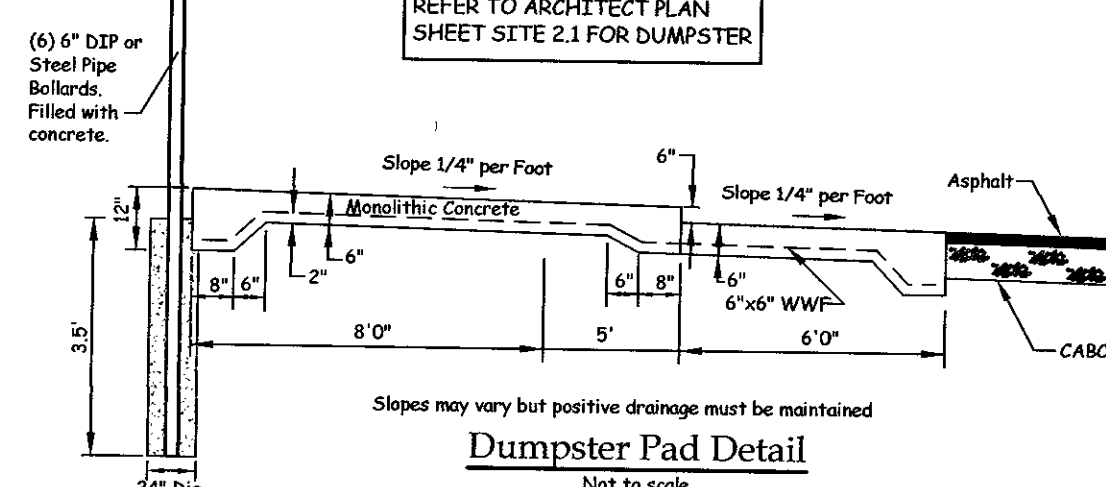


Water Line "B"		Developer: Carolina Statewide Development, LLC 166 Center Street Jacksonville, North Carolina 28546 (910) 937-0003	
CRESTFIELD POINT APARTMENTS 350 Blue Creek School Road Jacksonville Twp., Onslow Co., North Carolina		TIDEWATER ASSOCIATES, INC. Consulting Engineers - Land Surveyors - Land Planners Jacksonville, North Carolina P.O. Box 976 - 306 New Bridge Street - 28540 Phone (910) 455-2414 - www.tidewaterENC.com Firm License Number: F-0108	
Date: 07/21/2022		Scale: Vertical 1"=4' Horizontal 1"=40'	Filename: Crestfield-Stedding
Disc: Acad #2897		Job No.: C210826-7848	
Sheet No.: 9 of 13		Designed: JAH Drawn: KHW	



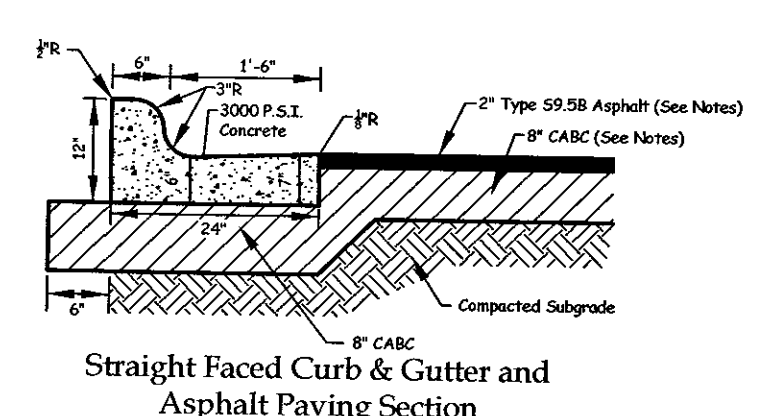
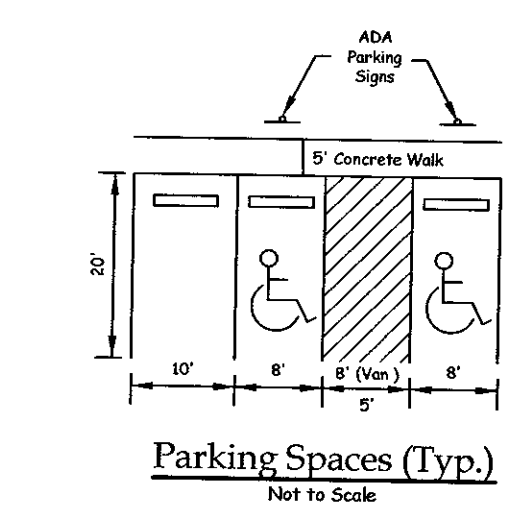
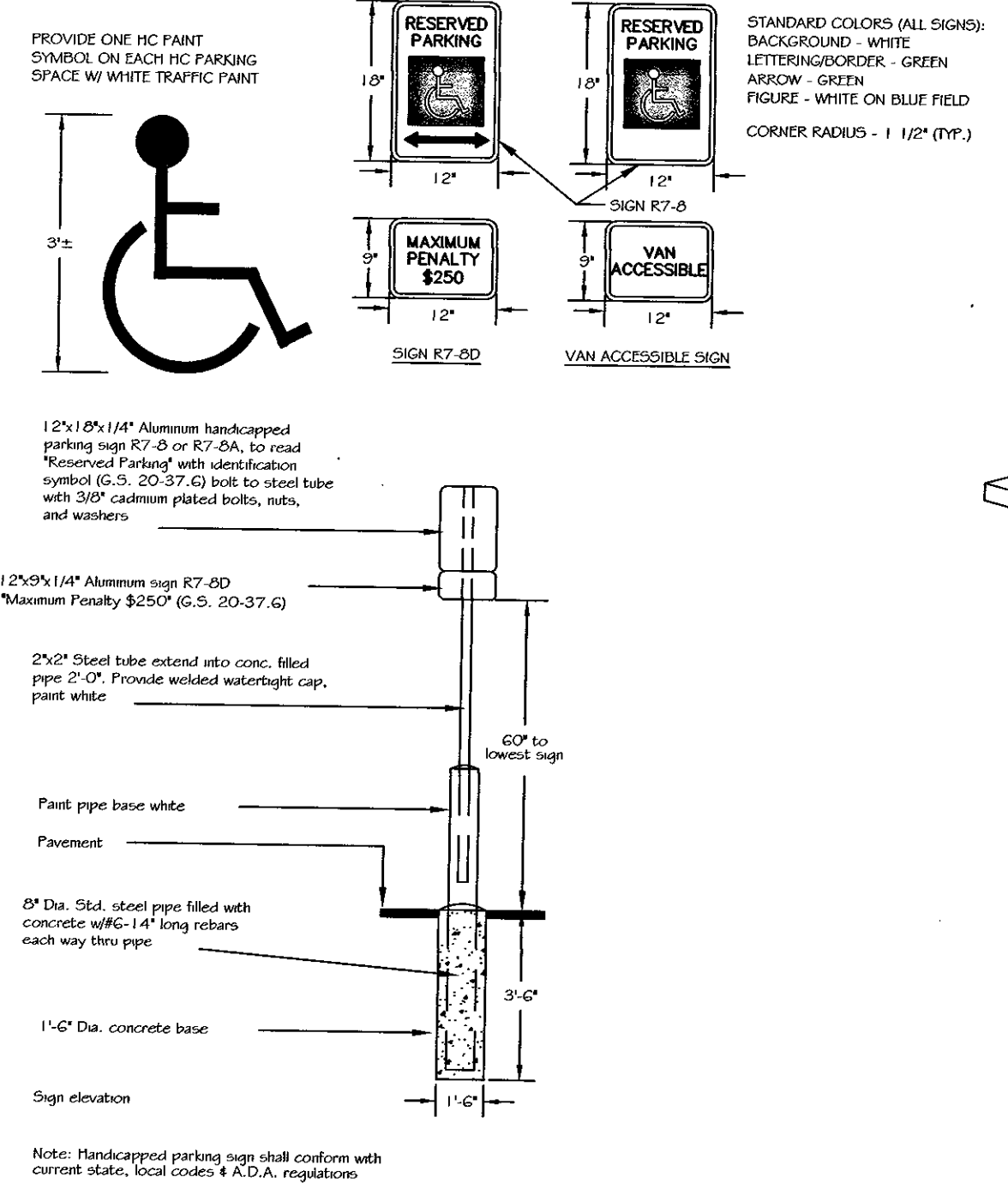
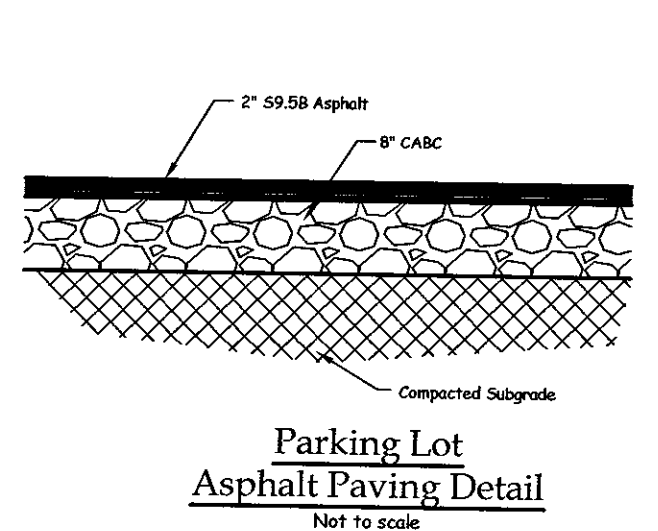
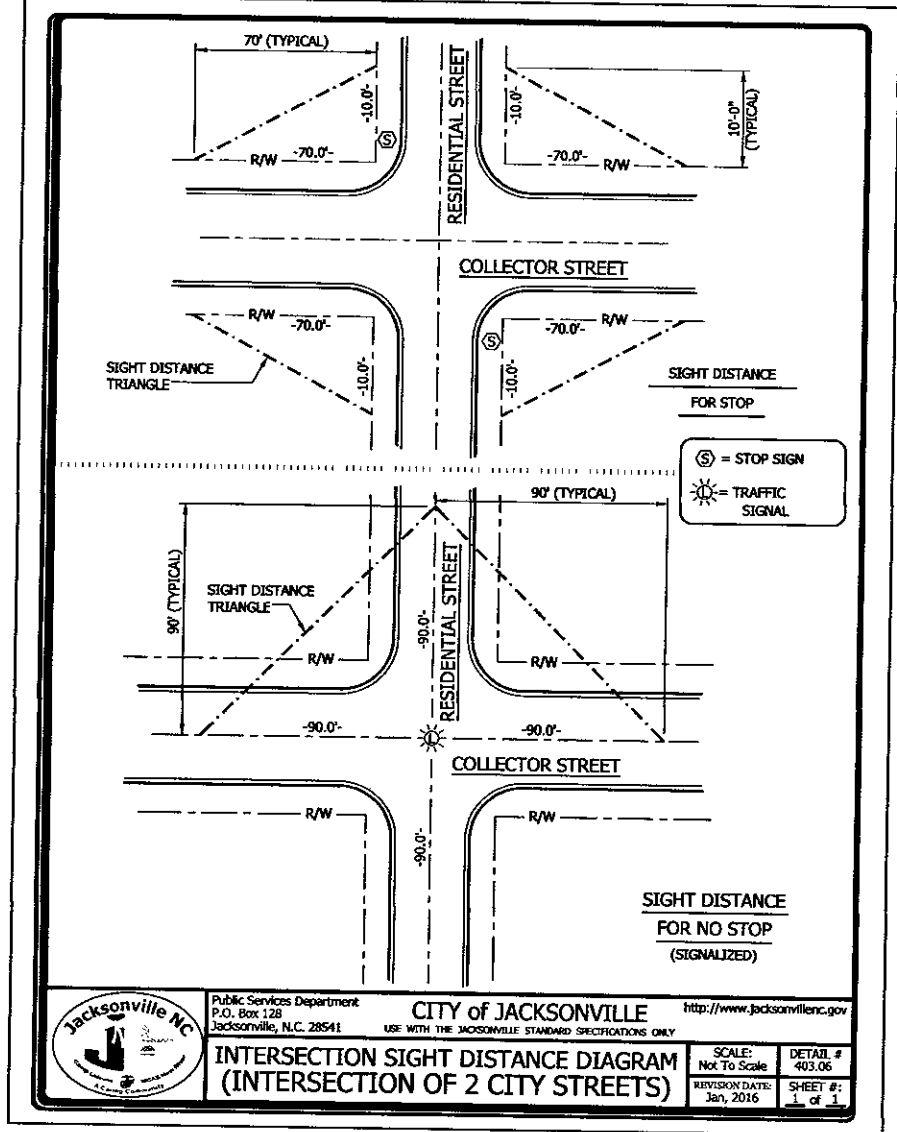
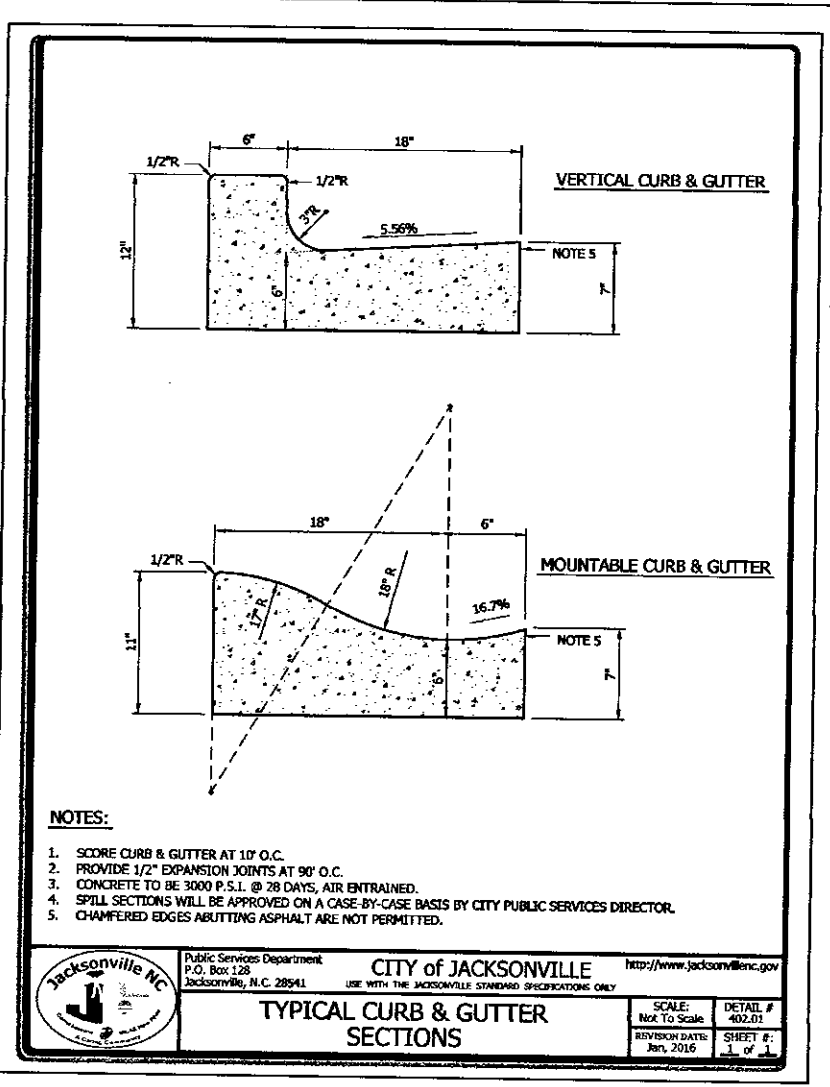
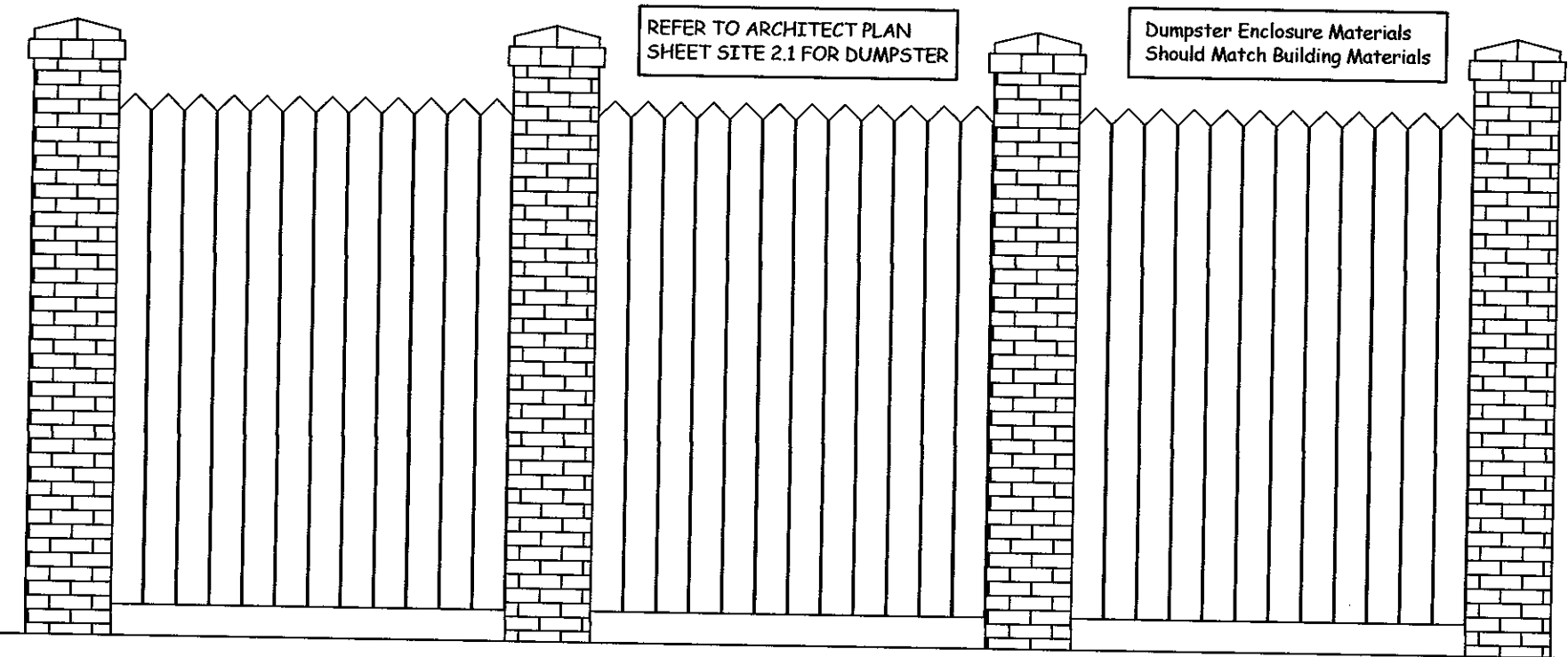
Dumpster Layout
Scale: 1"=10'

REFER TO ARCHITECT PLAN SHEET SITE 2.1 FOR DUMPSTER

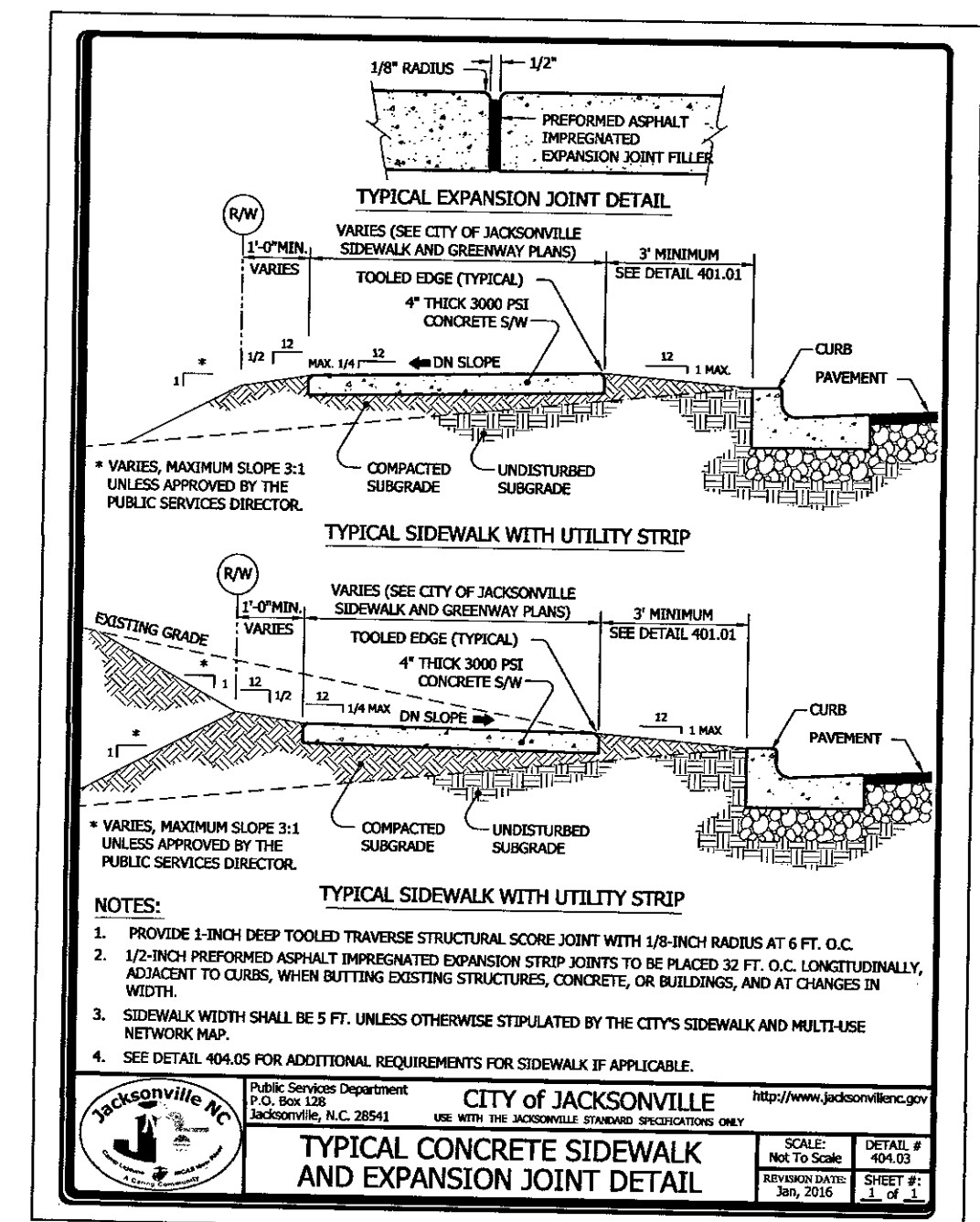
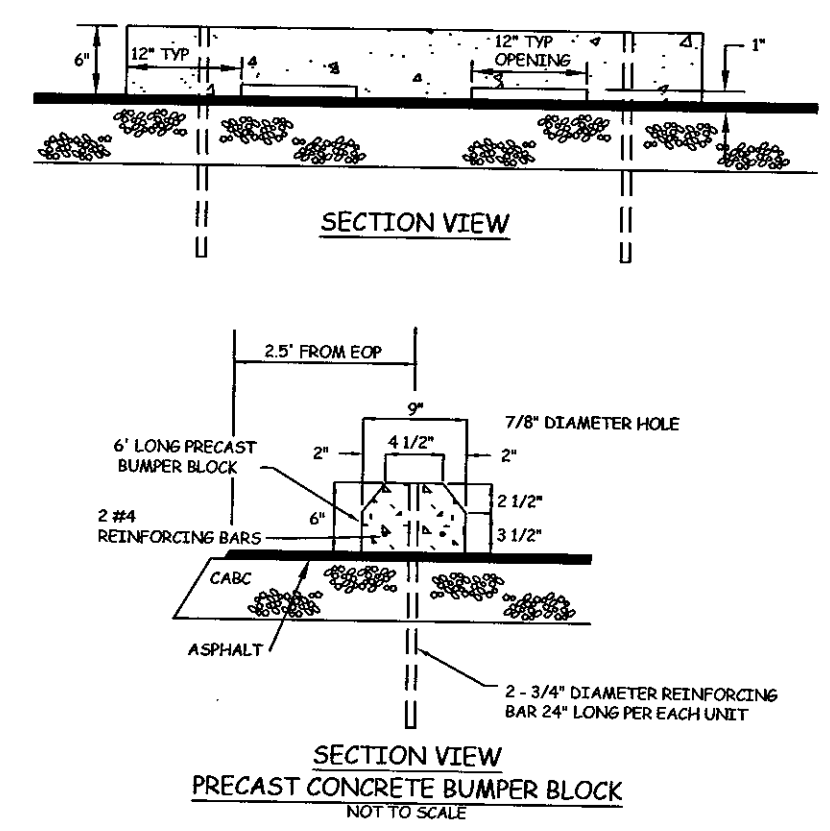
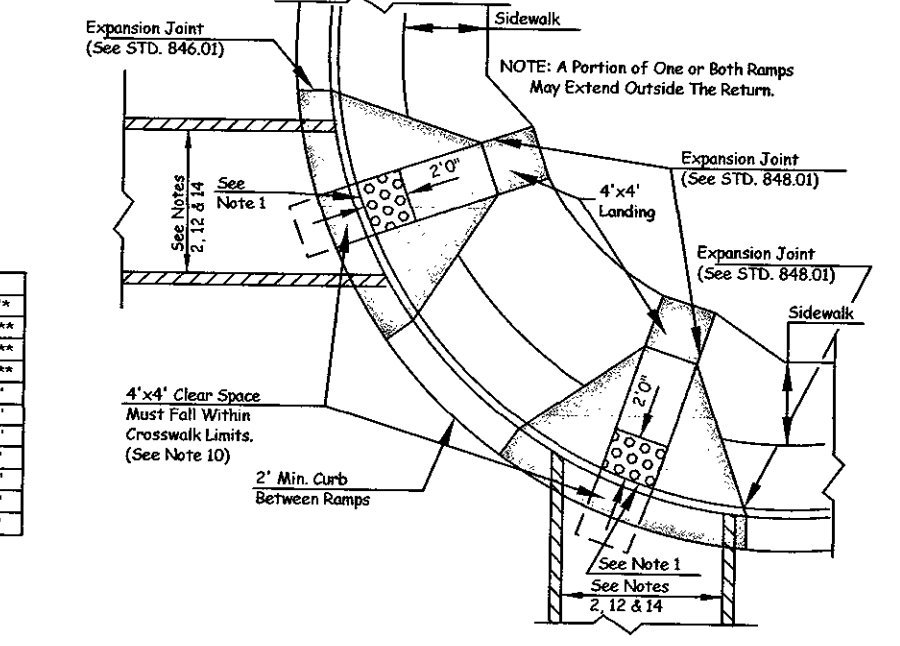
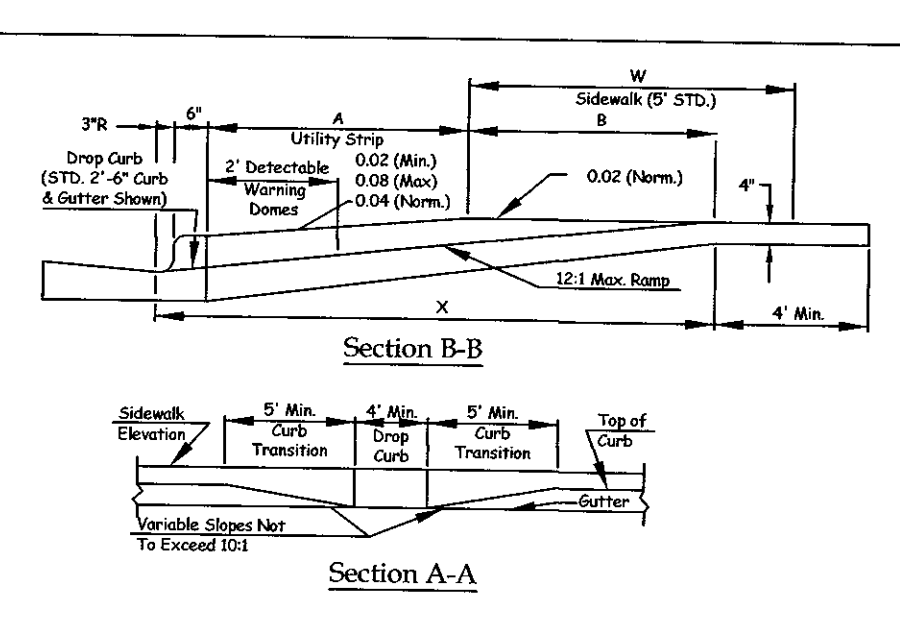
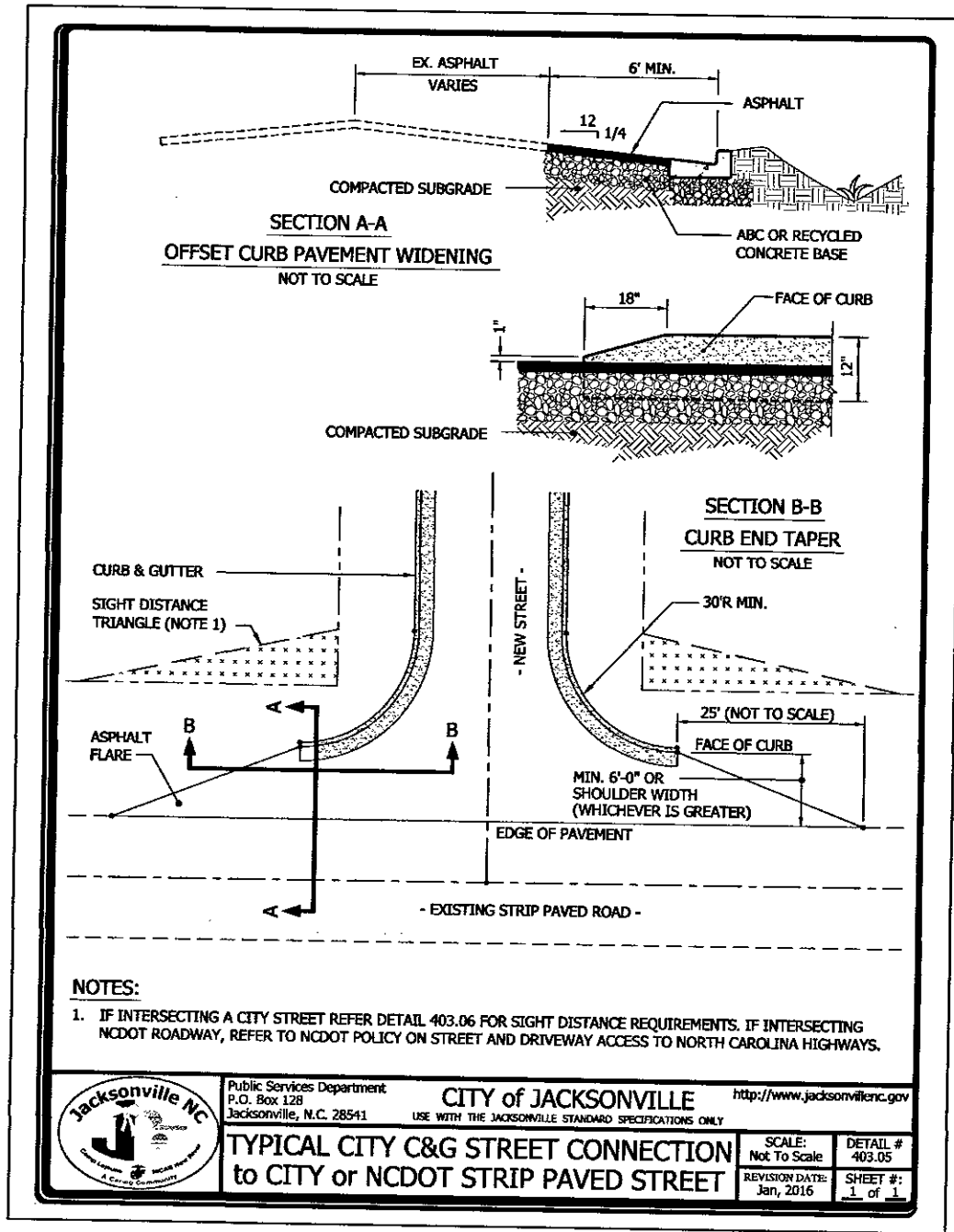
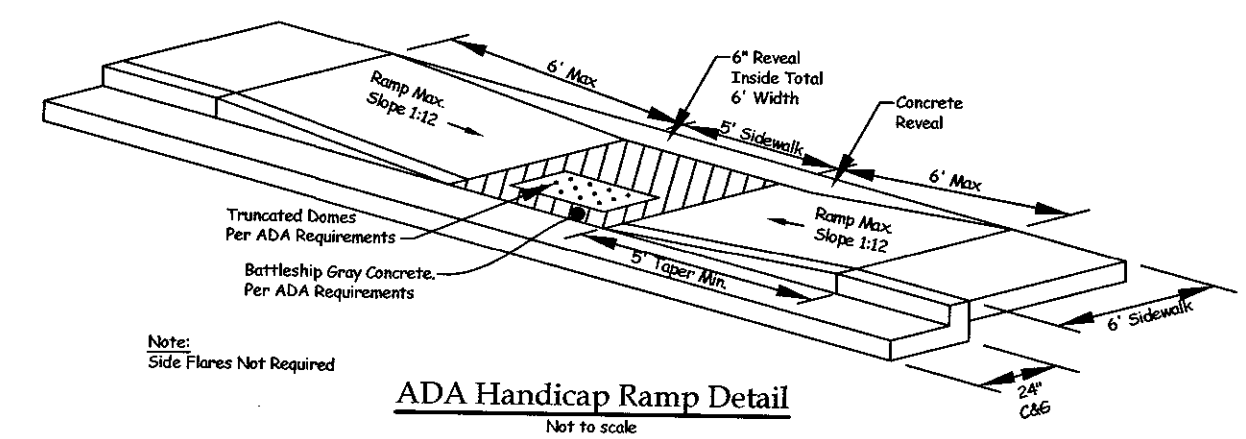
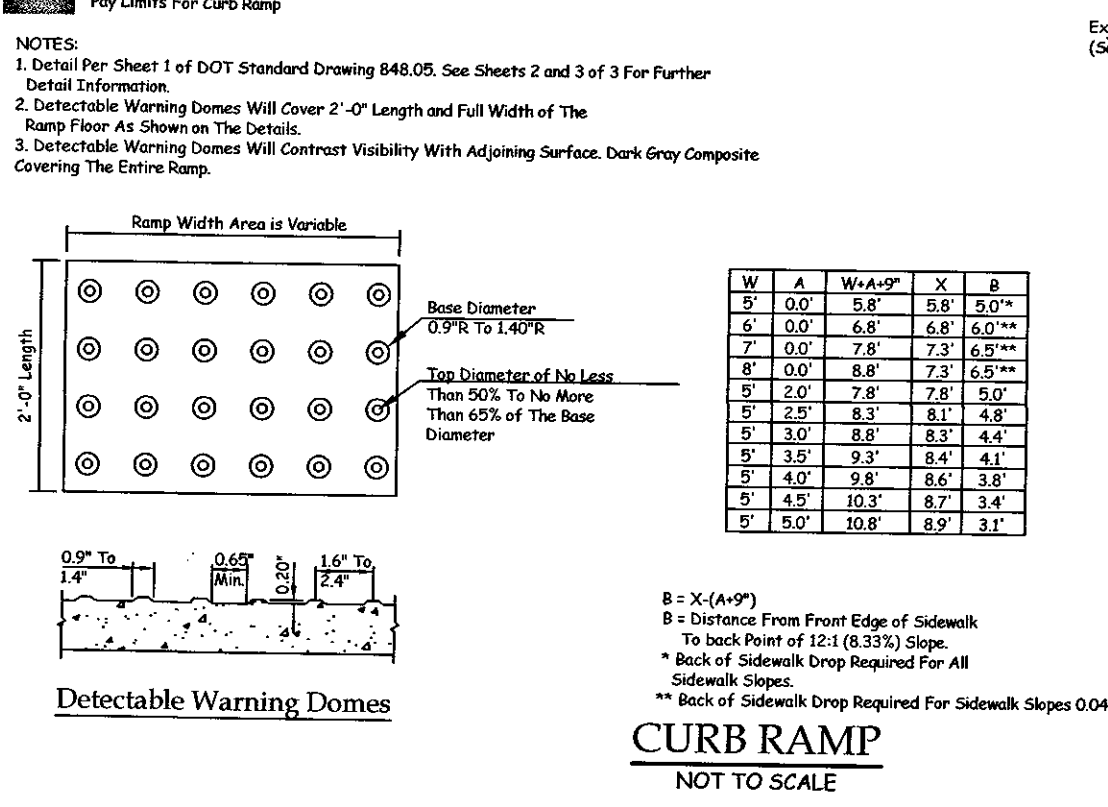
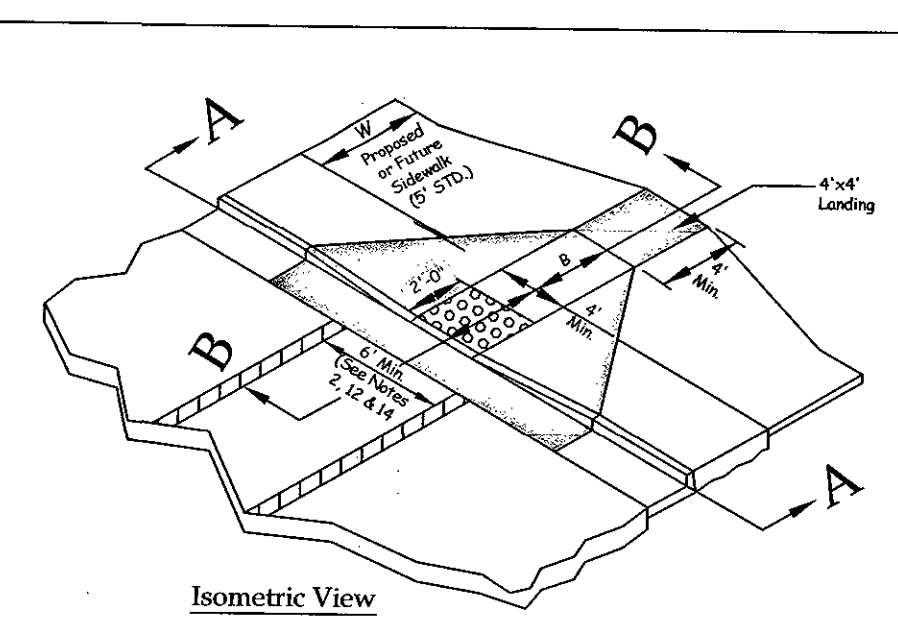
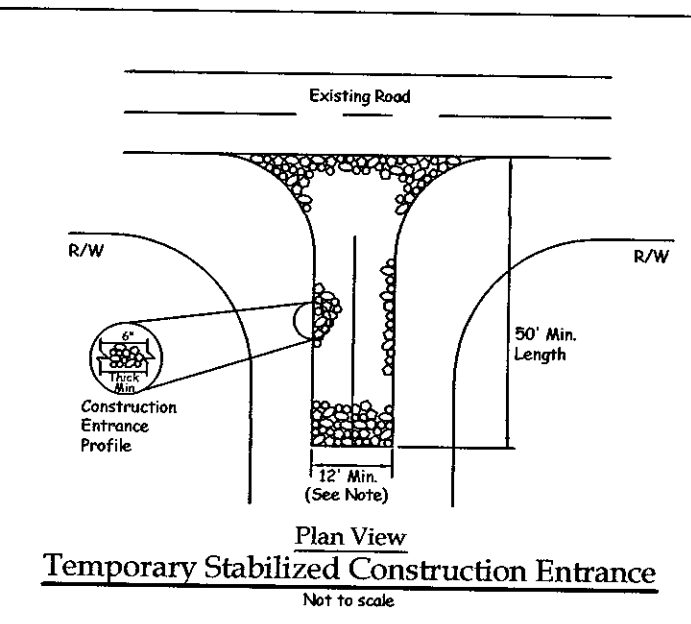


TYPICAL ELEVATION
SCALE: NTS

Dumpster Screening
Scale: 1"=10'



NOTE:
1. Curb & Gutter Only To Be Used In Areas Shown On Plans
2. Spill Gutter To Be Used In Areas Where Flow Is To Go Away From Gutter.
3. Construction Joints Every 10'.
4. Expansion Joints Every 90'.



SEAL
037854
5/10/22
J. COSGROVE
ENGINEER

Site Detail Sheet

CRESTFIELD POINT APARTMENTS

350 Blue Creek School Road
Jacksonville Twp., Onslow Co., North Carolina

Developer:

Carolina Statewide Development, LLC

166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

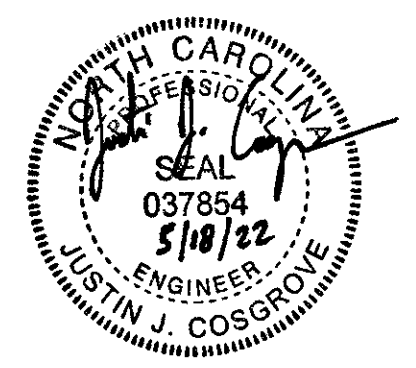
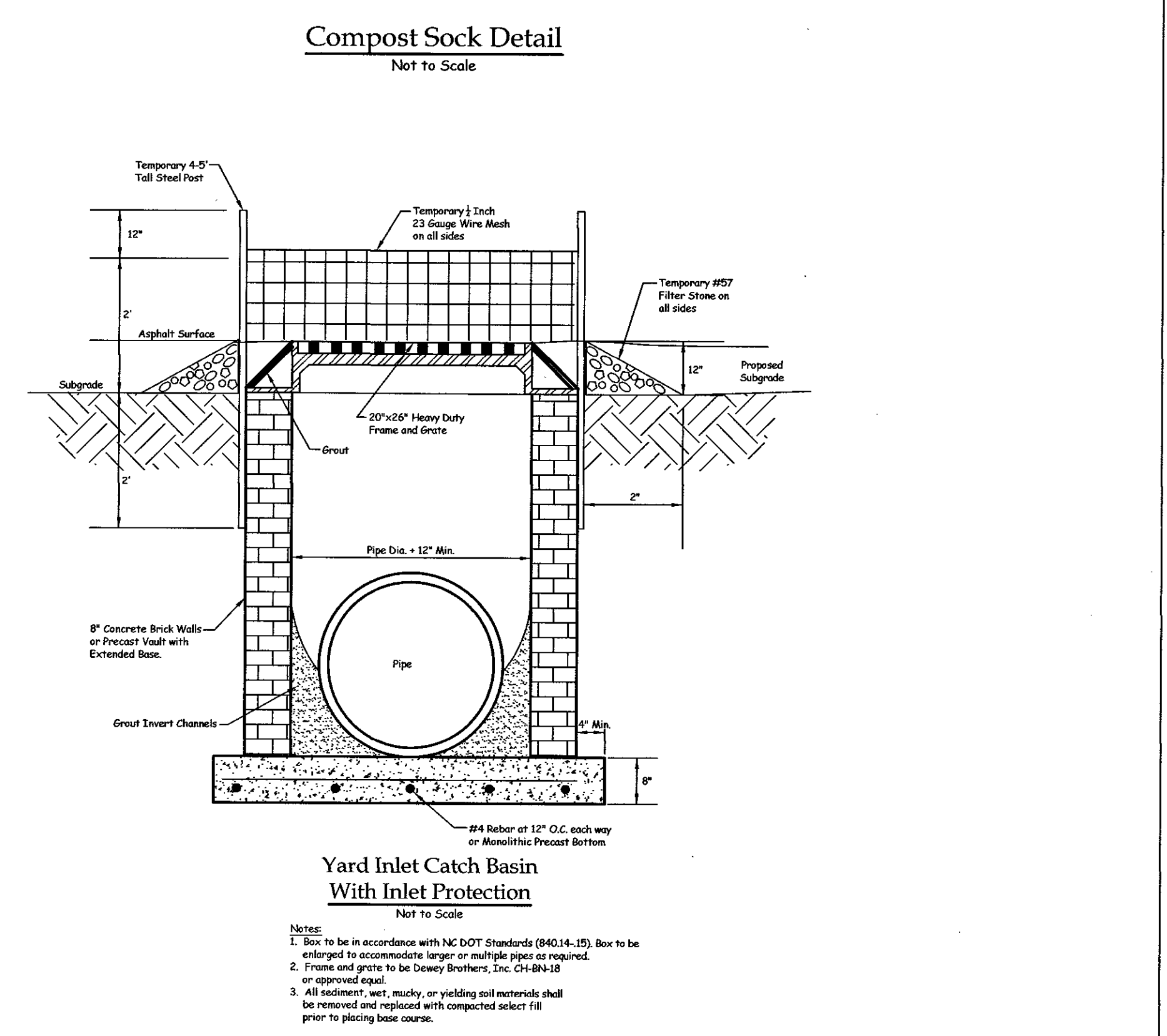
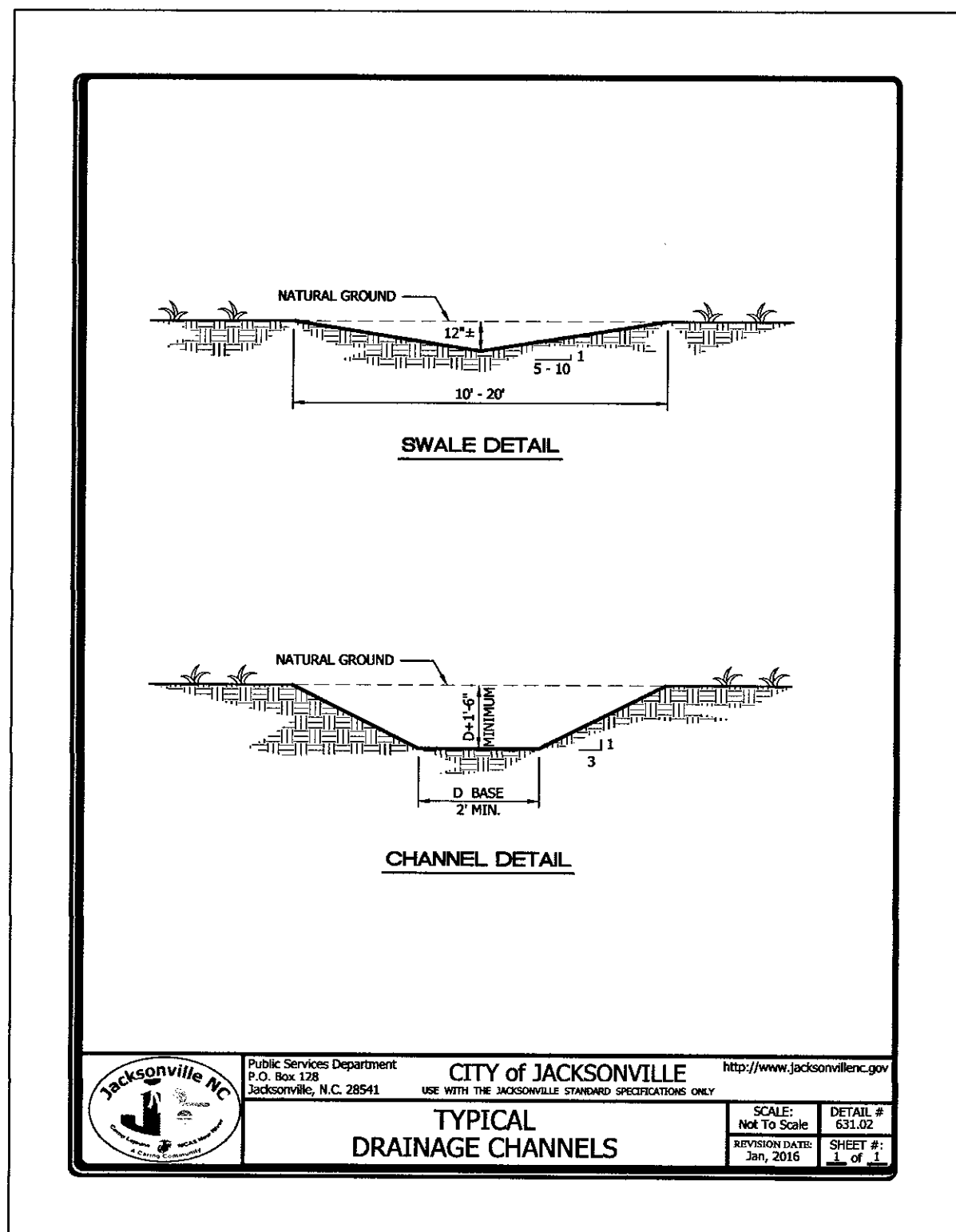
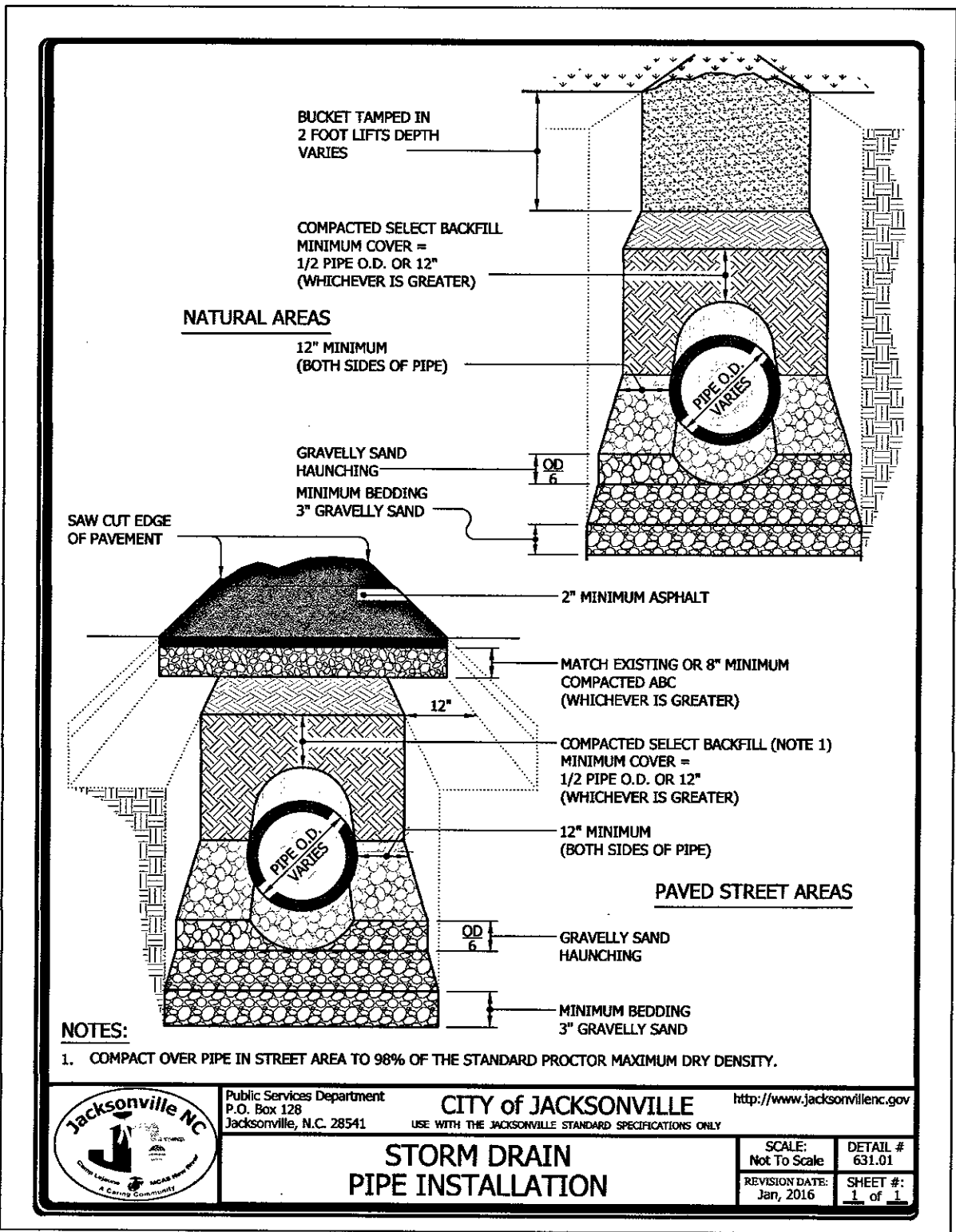
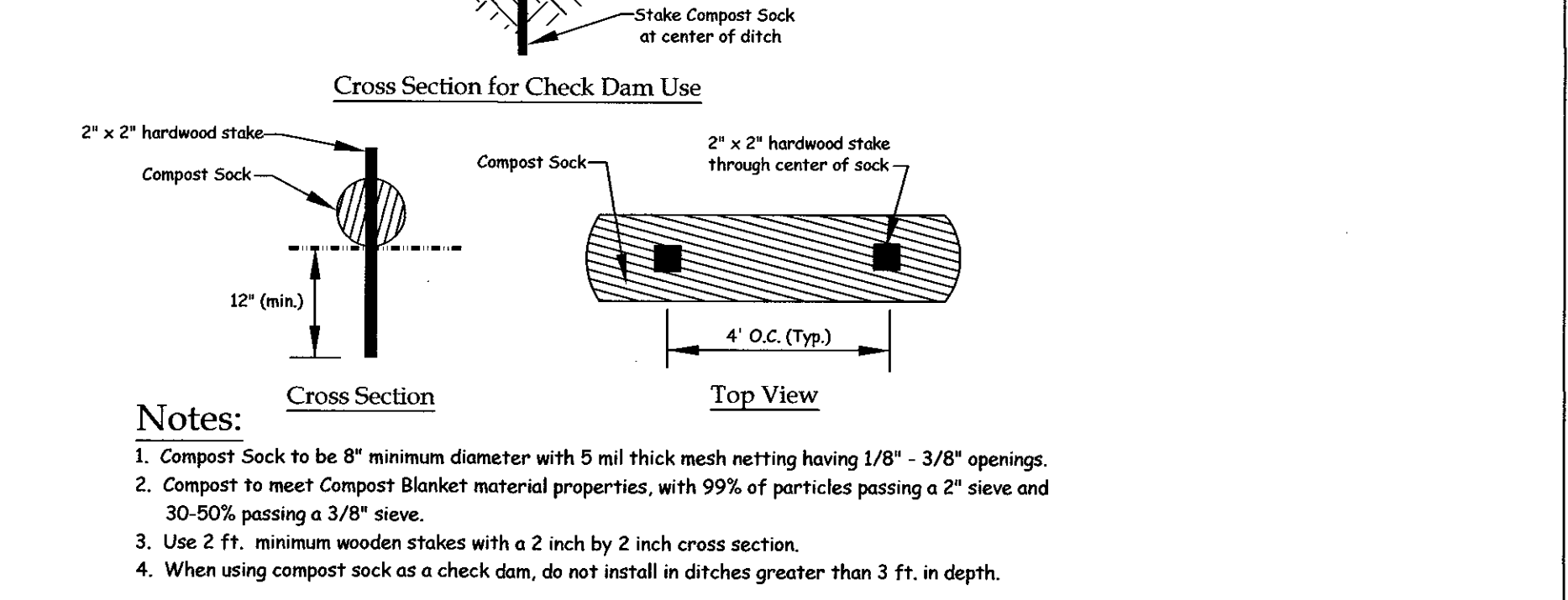
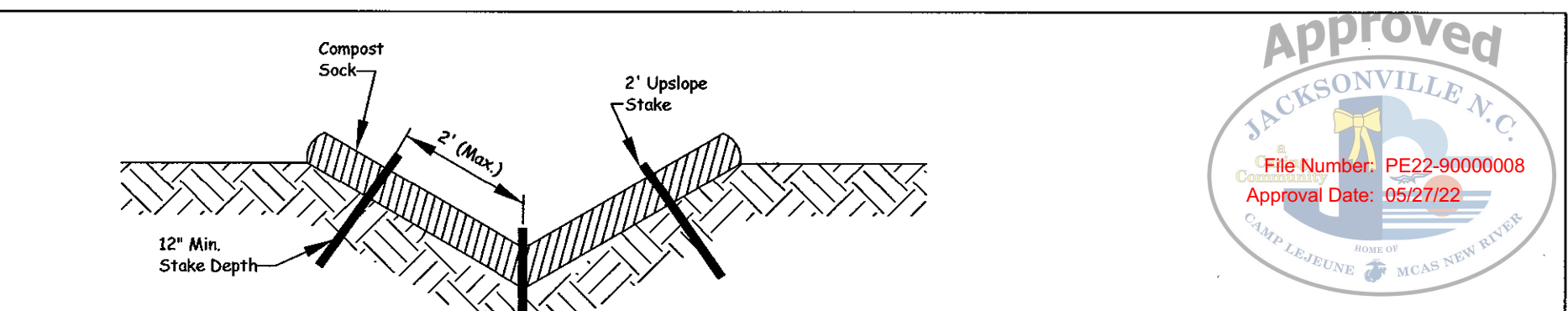
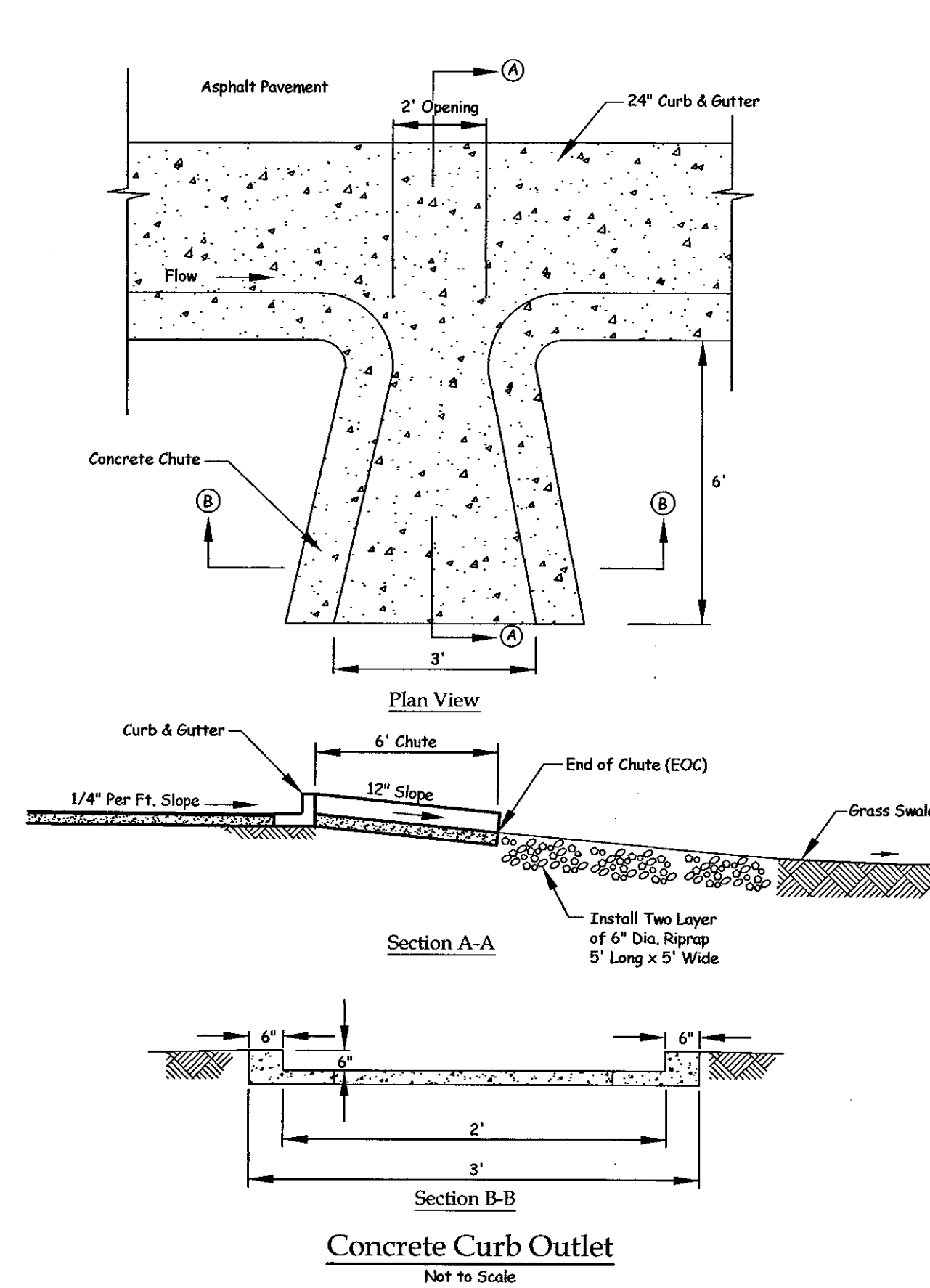
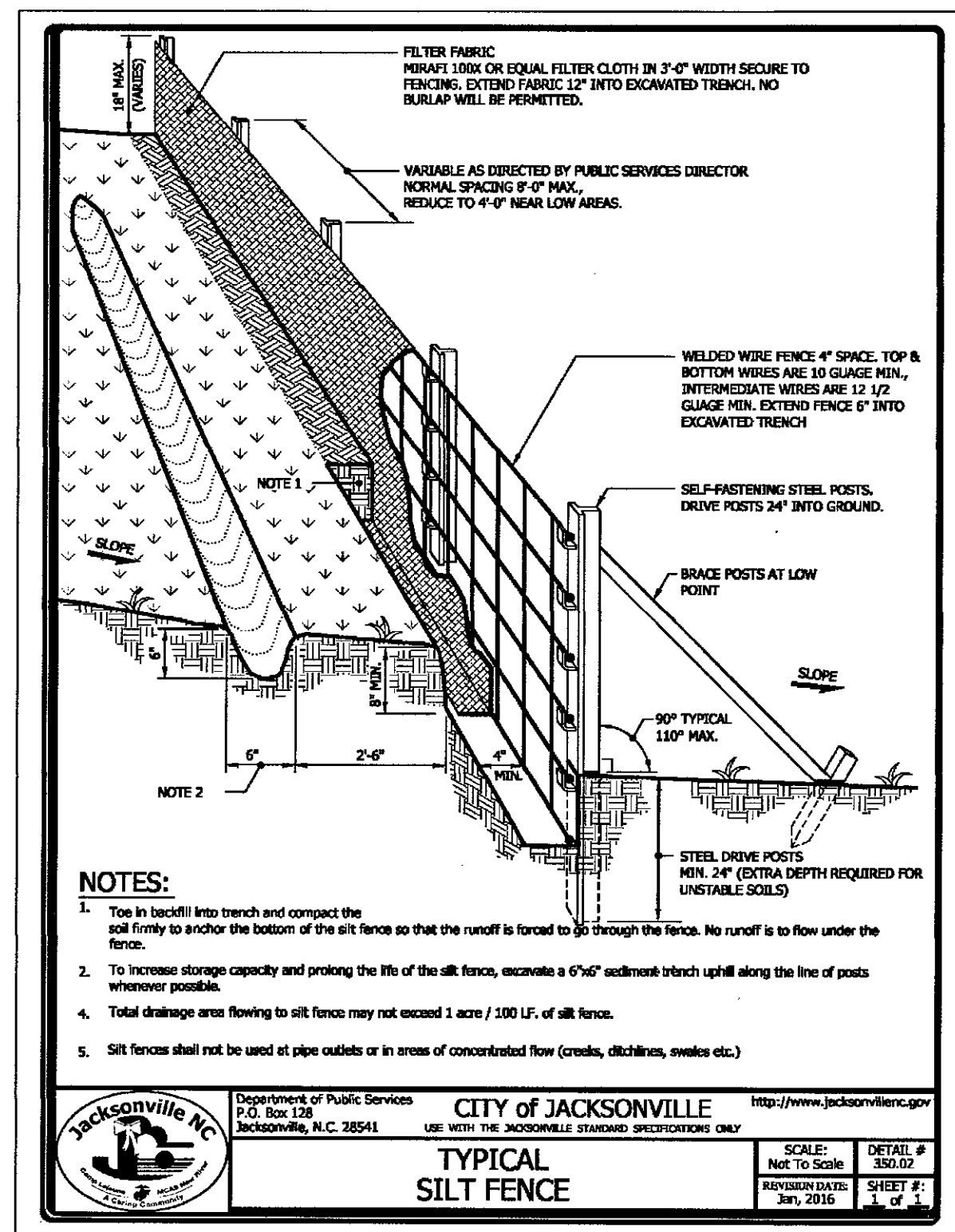
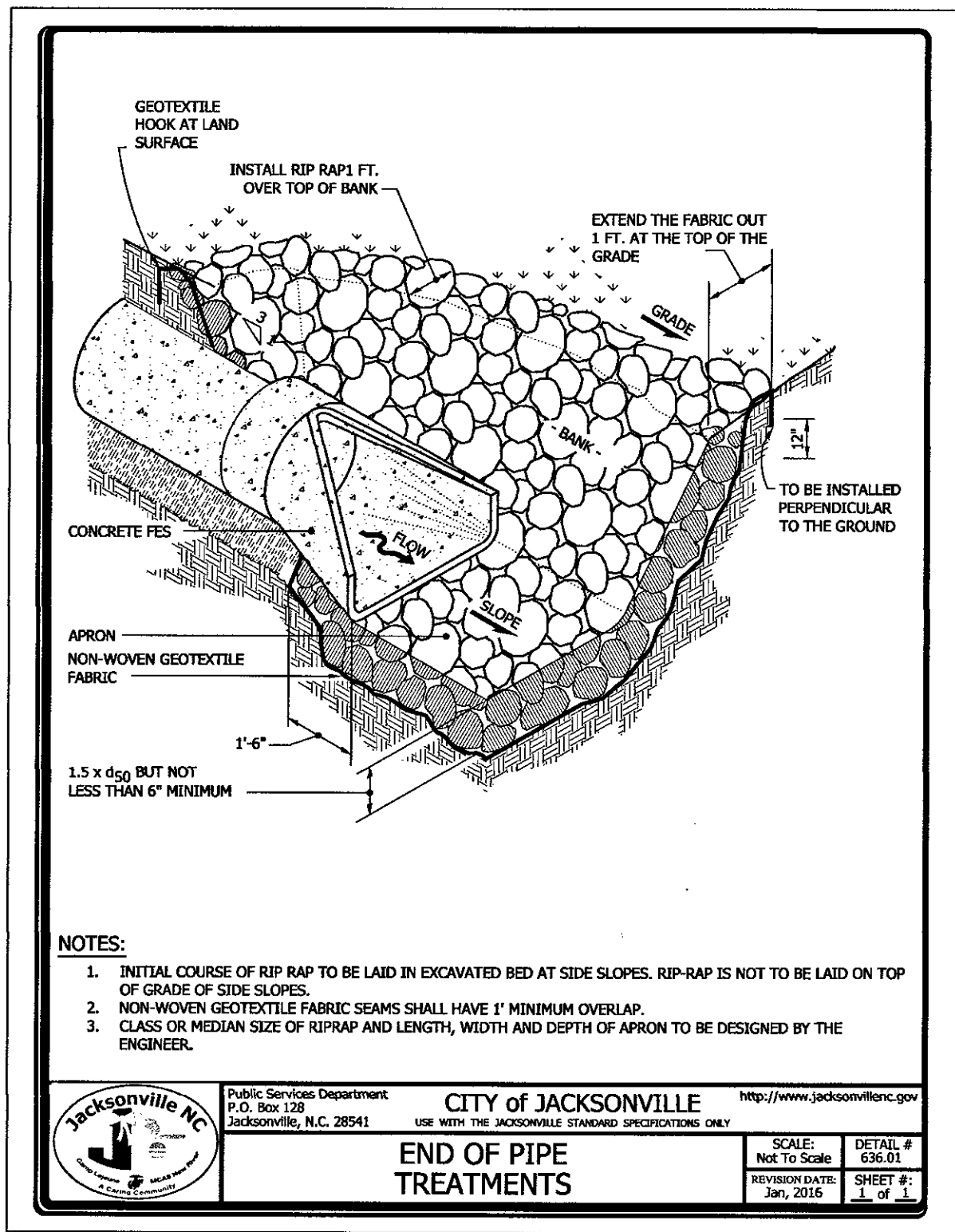
DATE: 02/21/2022

SCALE: As Noted

TIDEWATER ASSOCIATES, INC.
Consulting Engineers - Land Surveyors - Land Planners

Jacksonville, North Carolina
P.O. Box 976 - 306 New Bridge Street - 28540
Phone (910) 455-2414 - www.TidewaterENC.com
Firm License Number: F-0108





Grading, Drainage, Erosion and Sedimentation Control Detail Sheet

CRESTFIELD POINT APARTMENTS

350 Blue Creek School Road
Jacksonville Twp., Onslow Co., North Carolina

Developer: **Carolina Statewide Development, LLC**
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

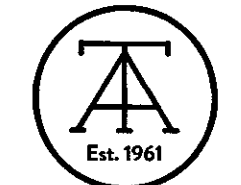
East Point Homes, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

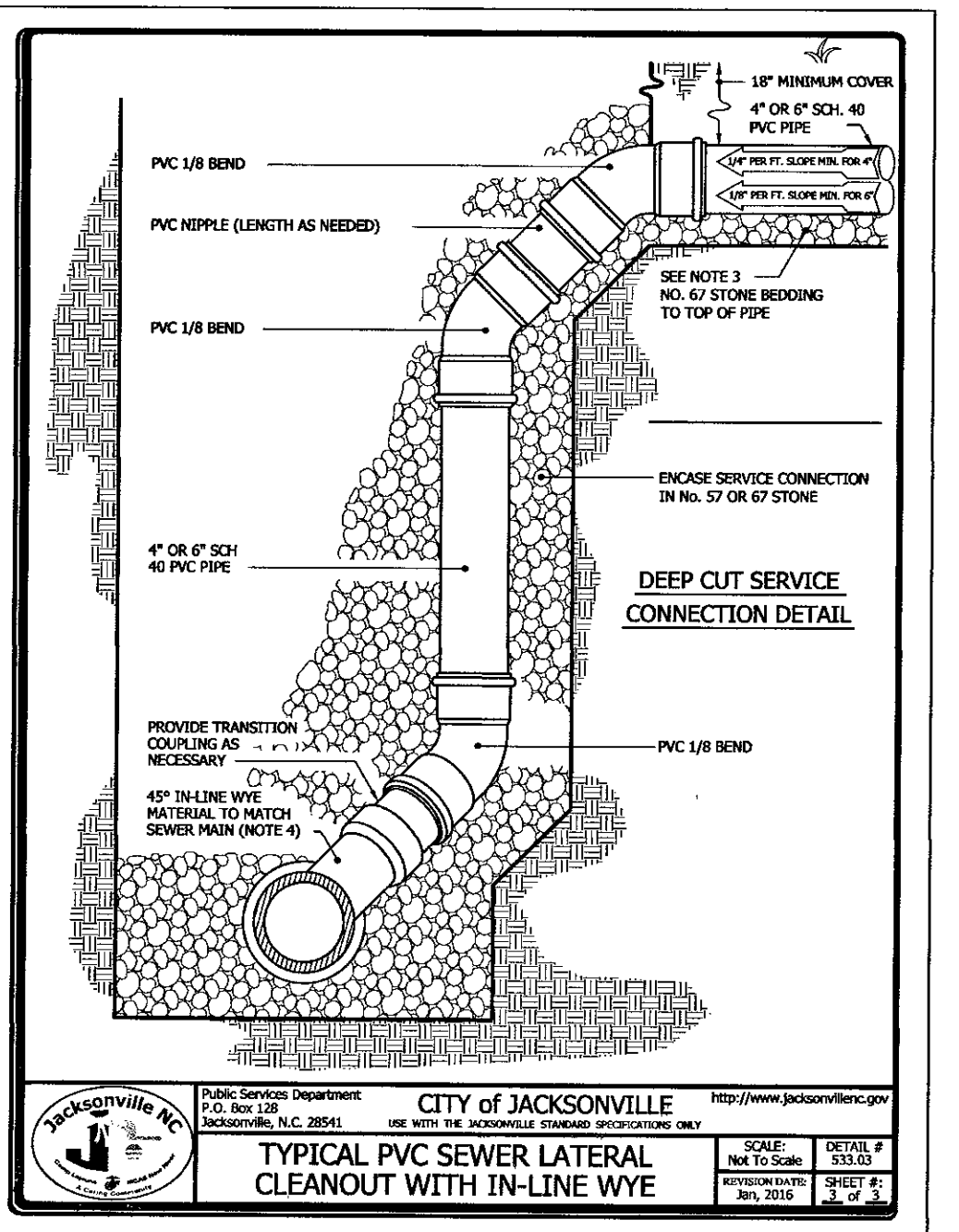
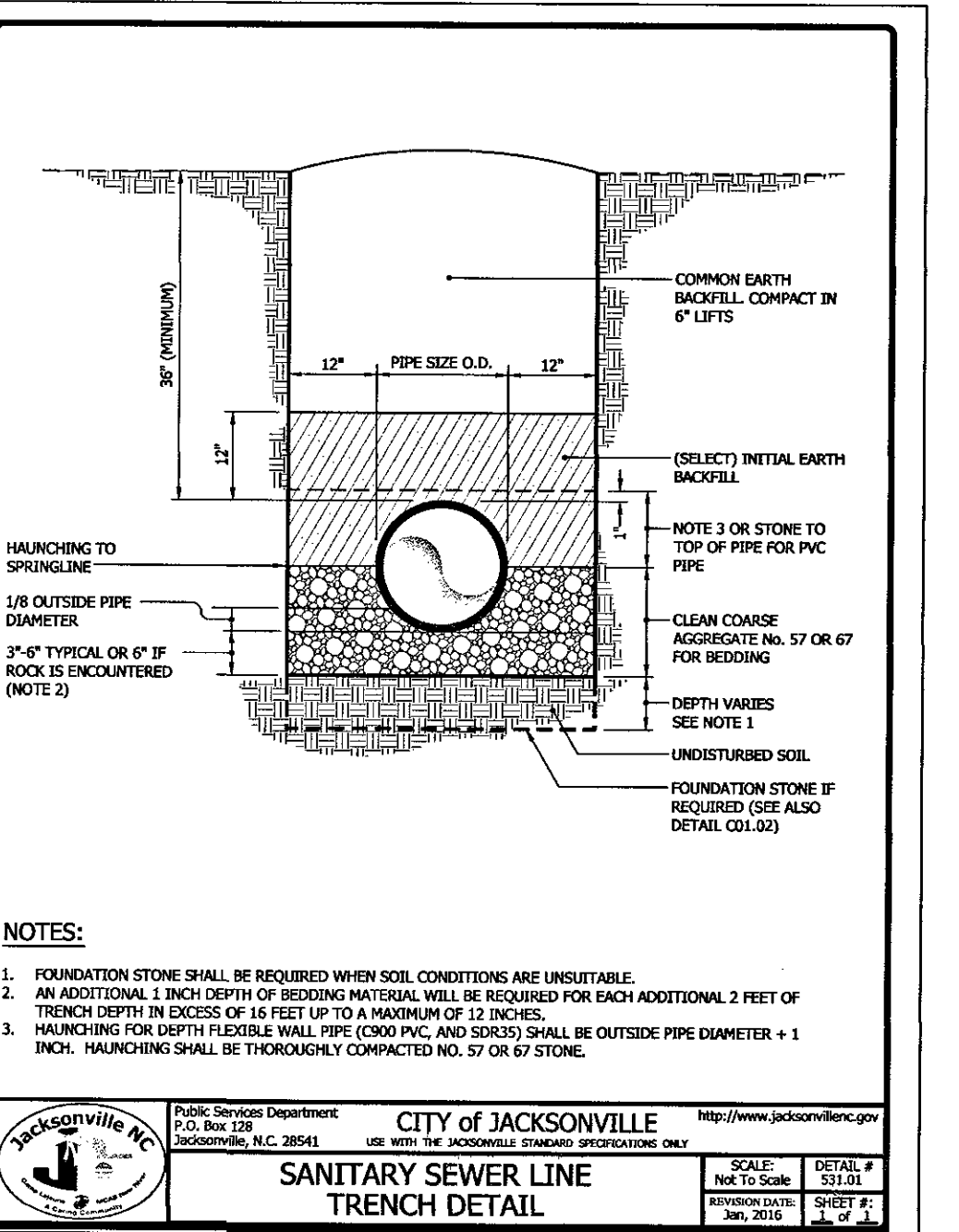
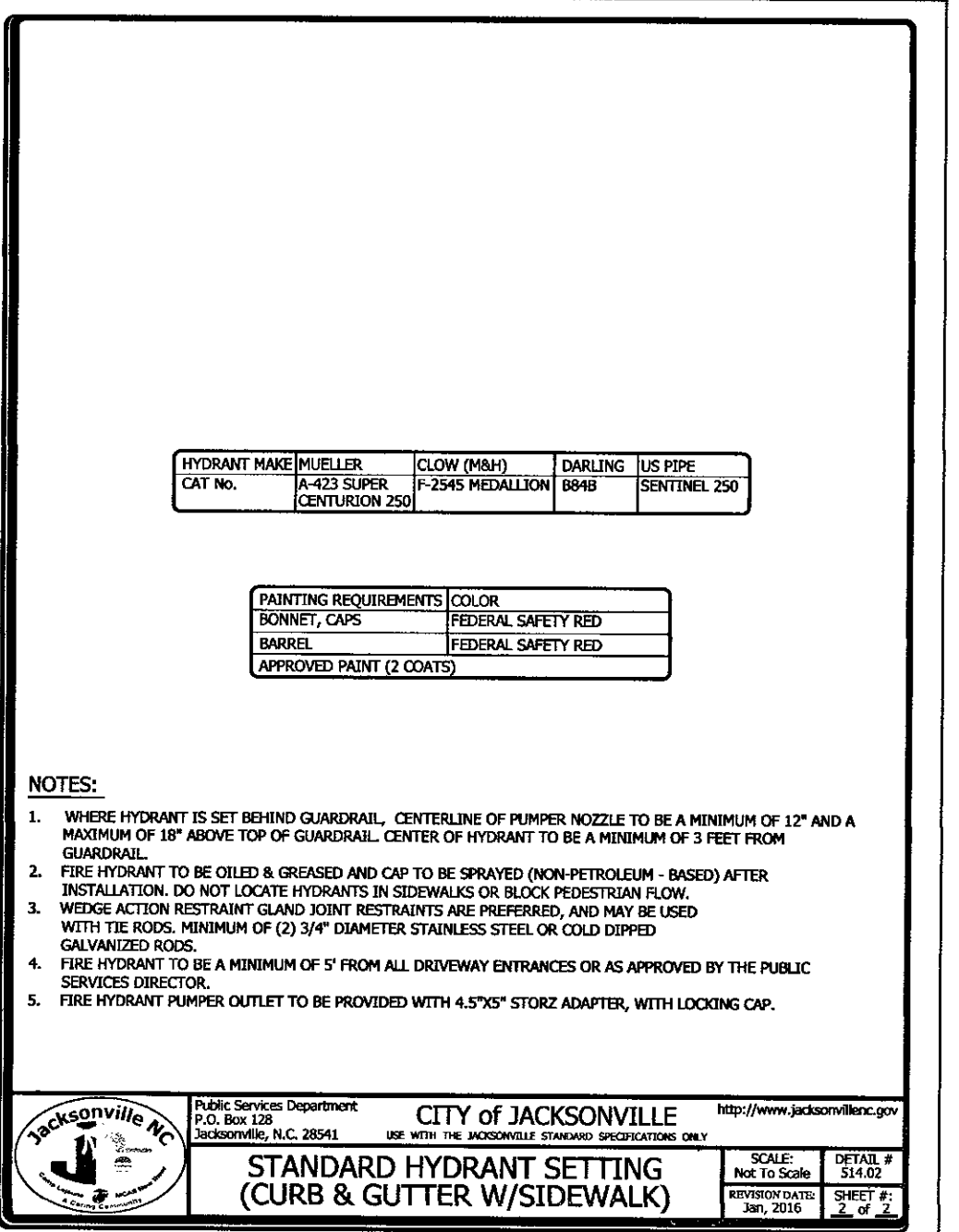
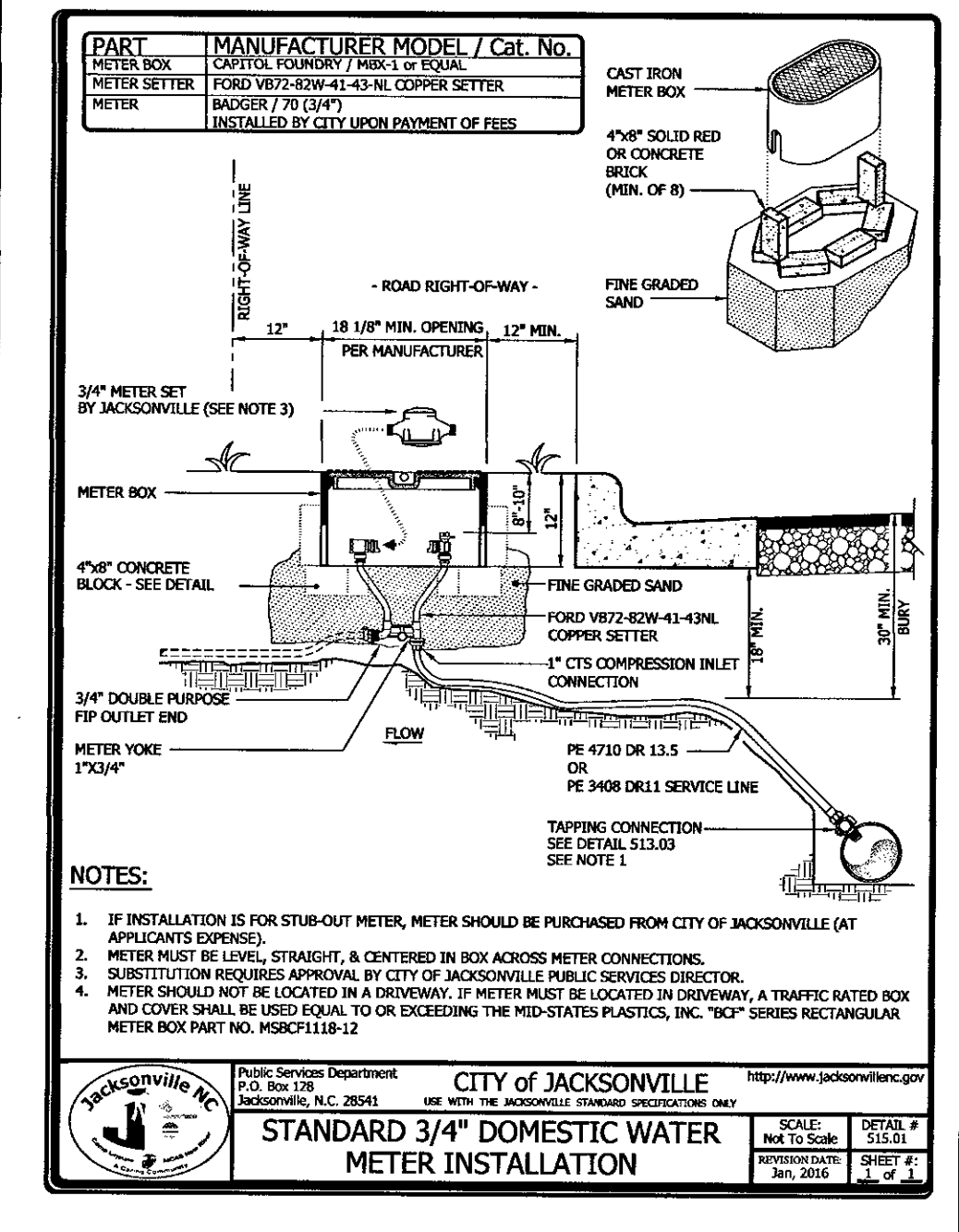
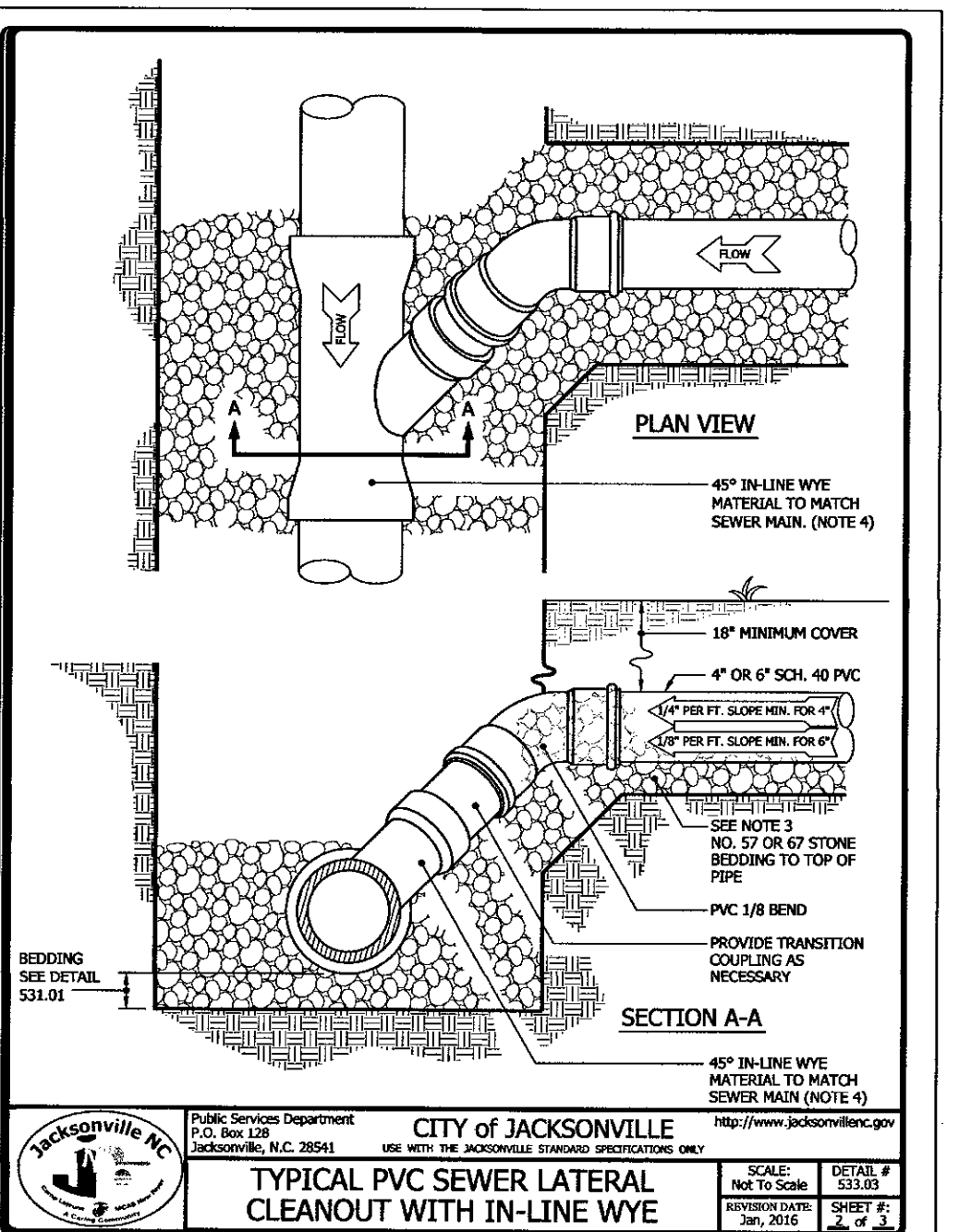
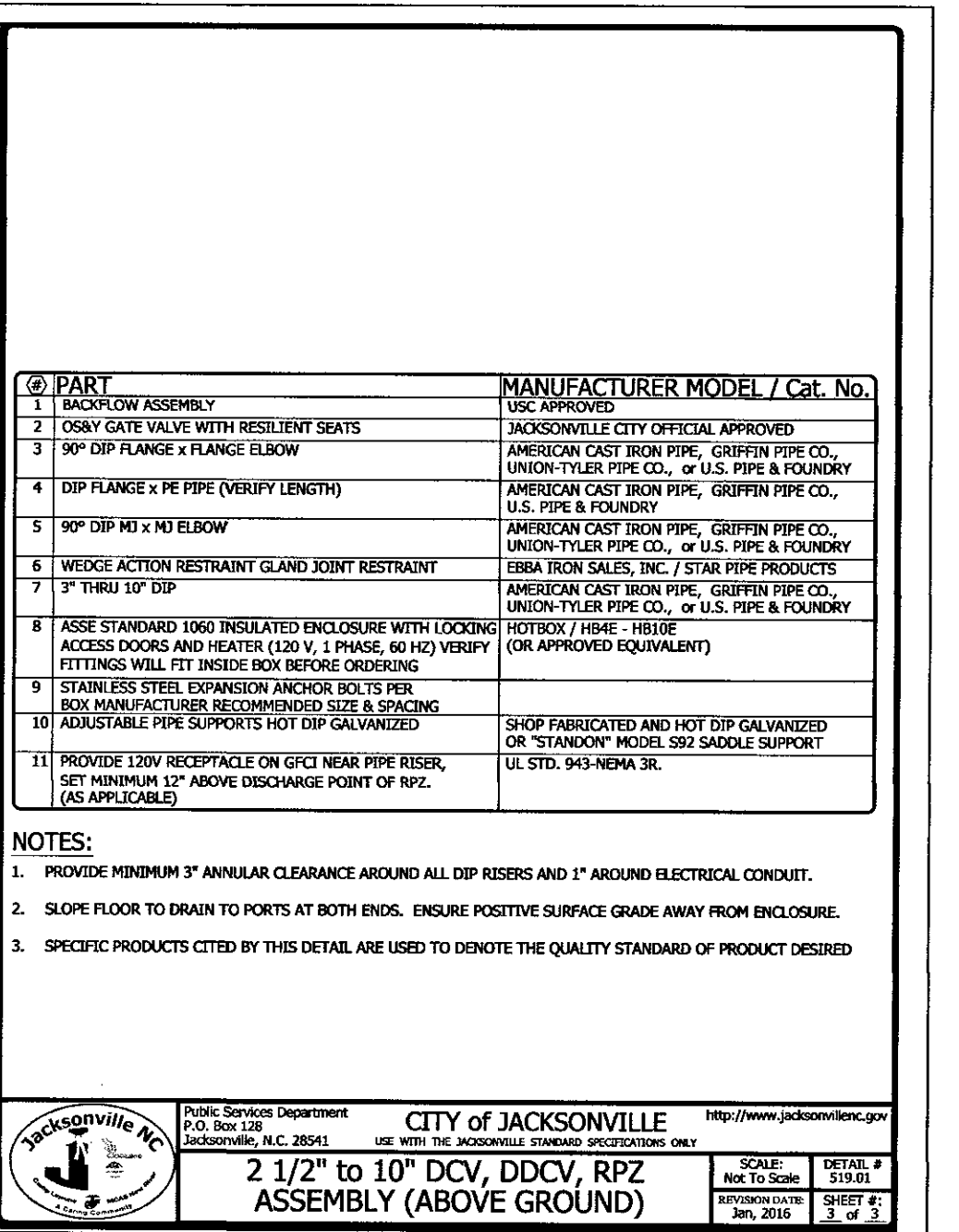
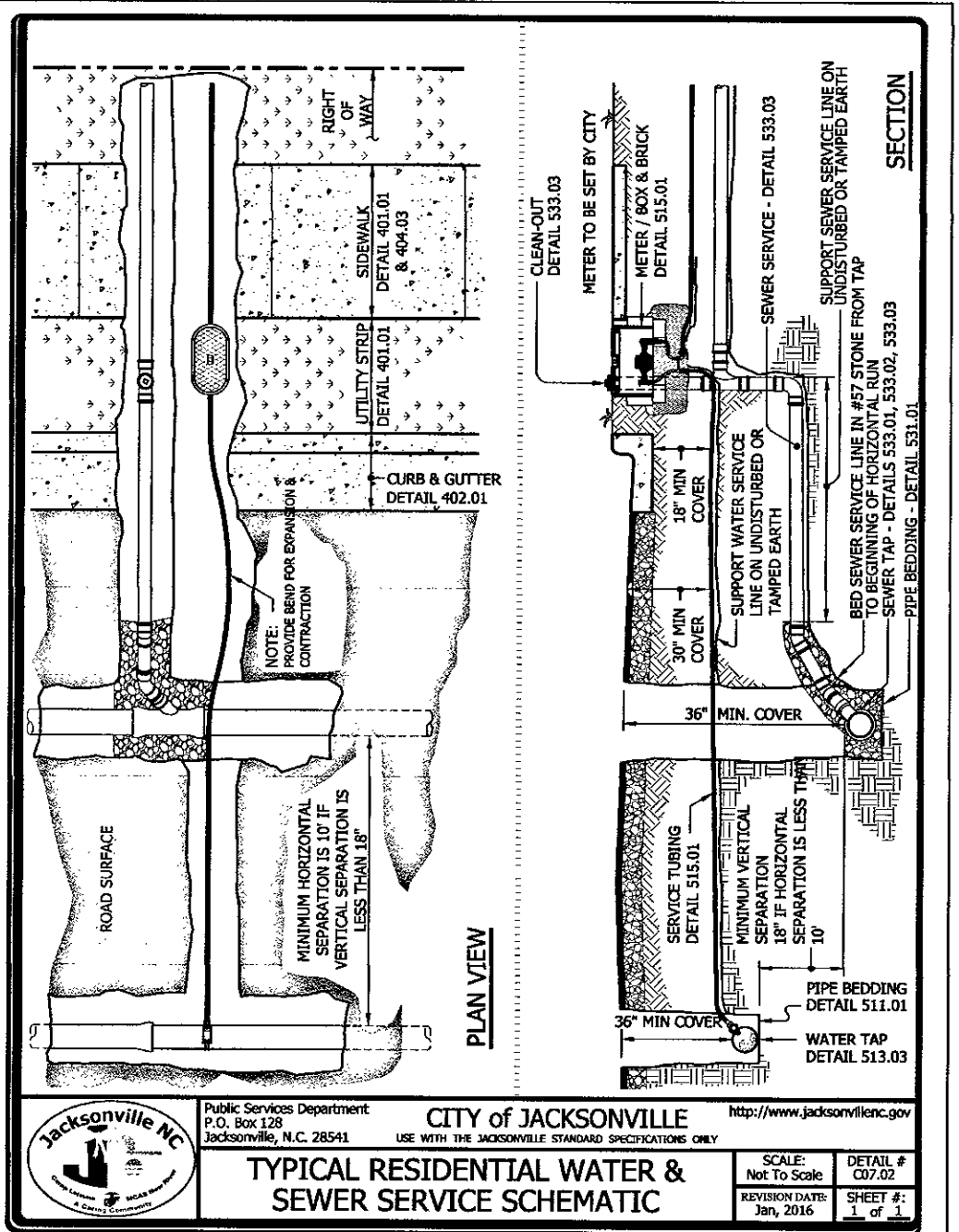
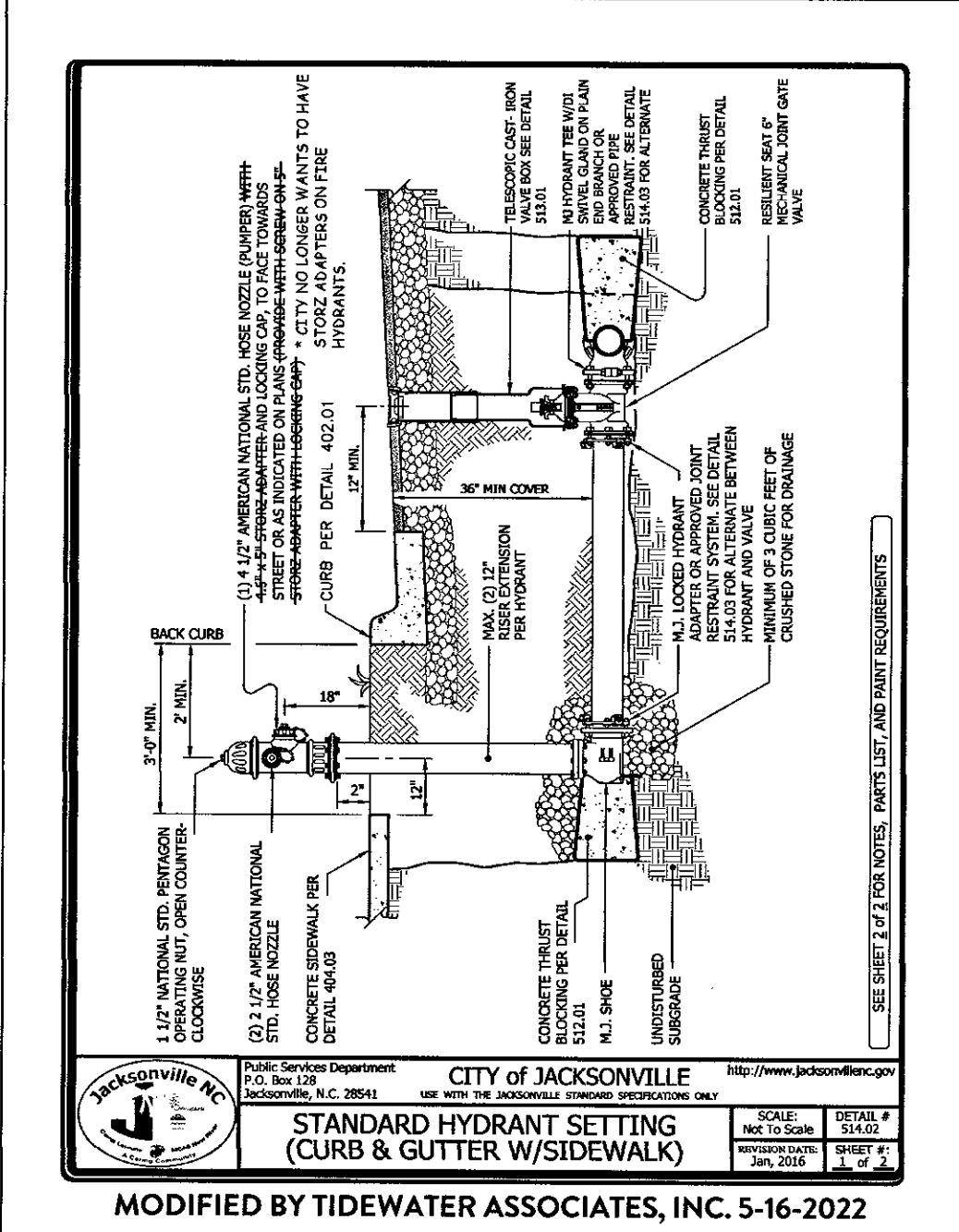
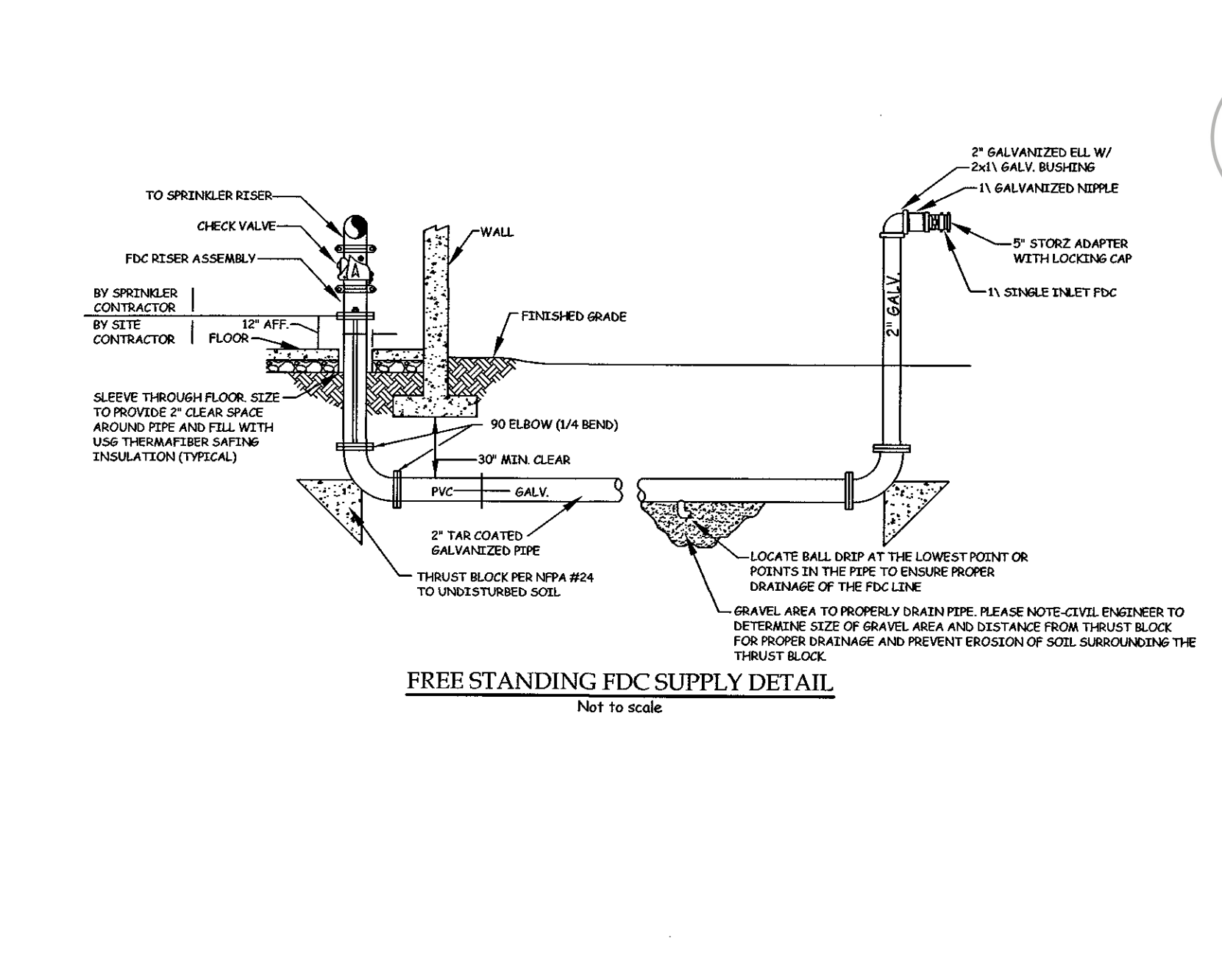
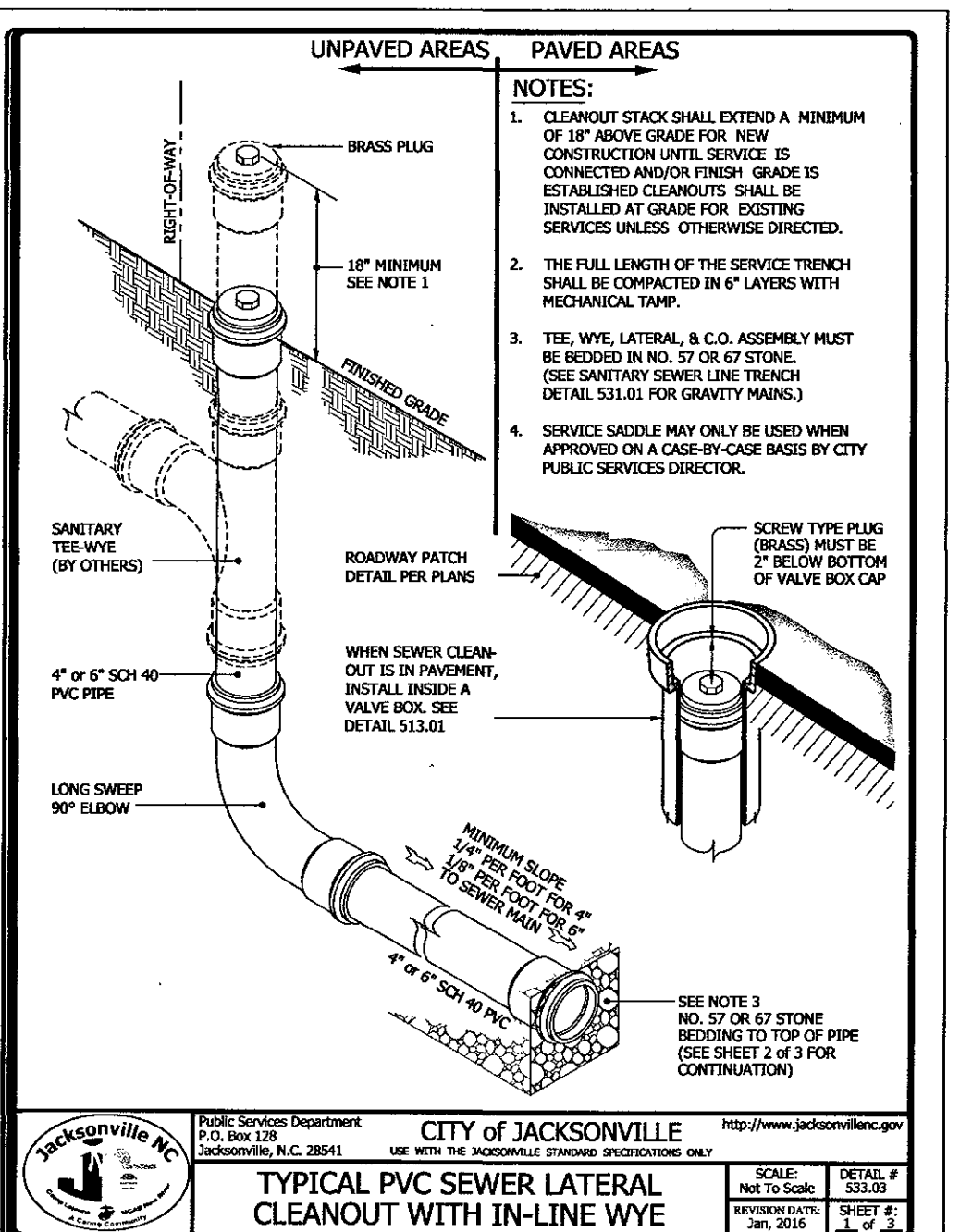
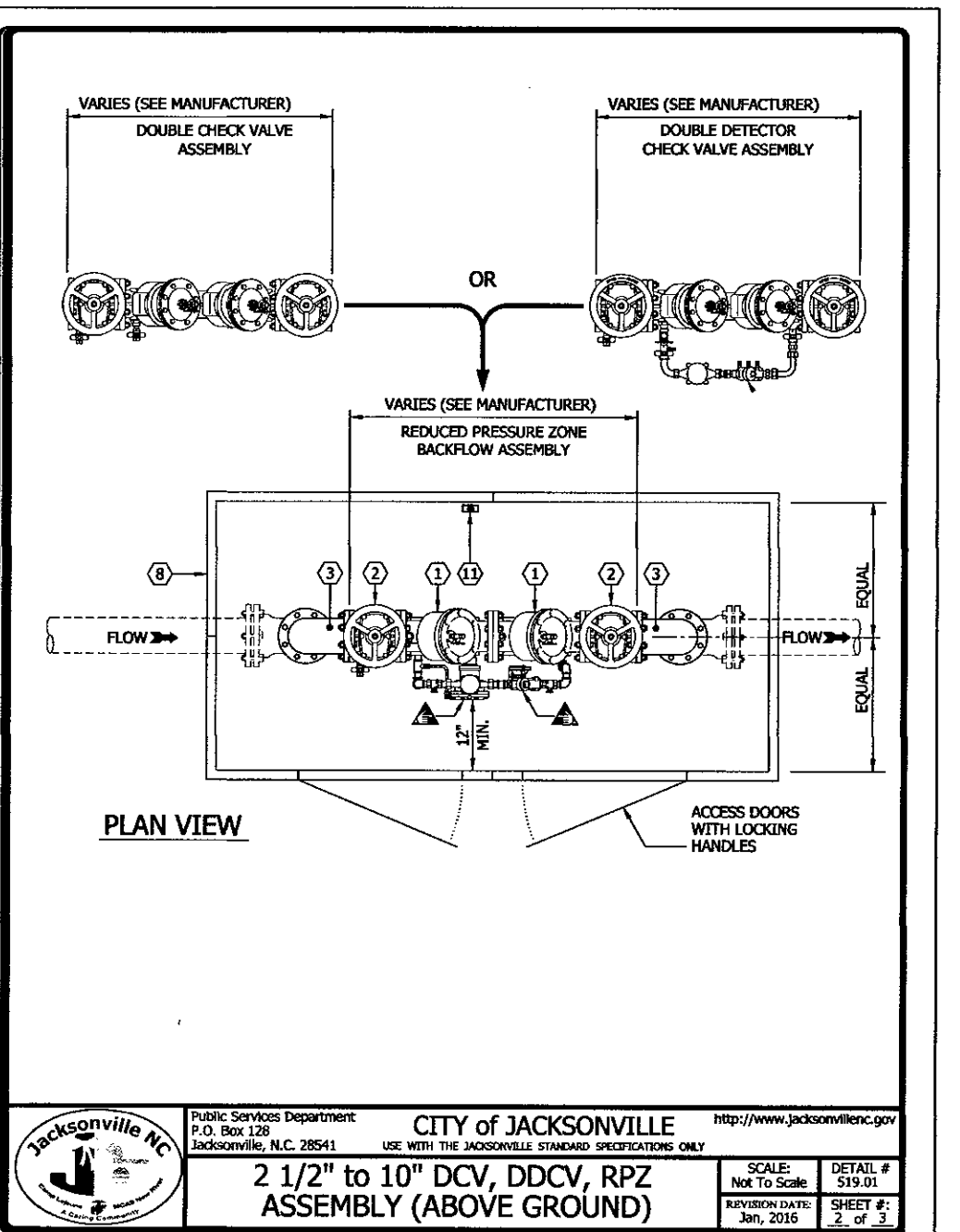
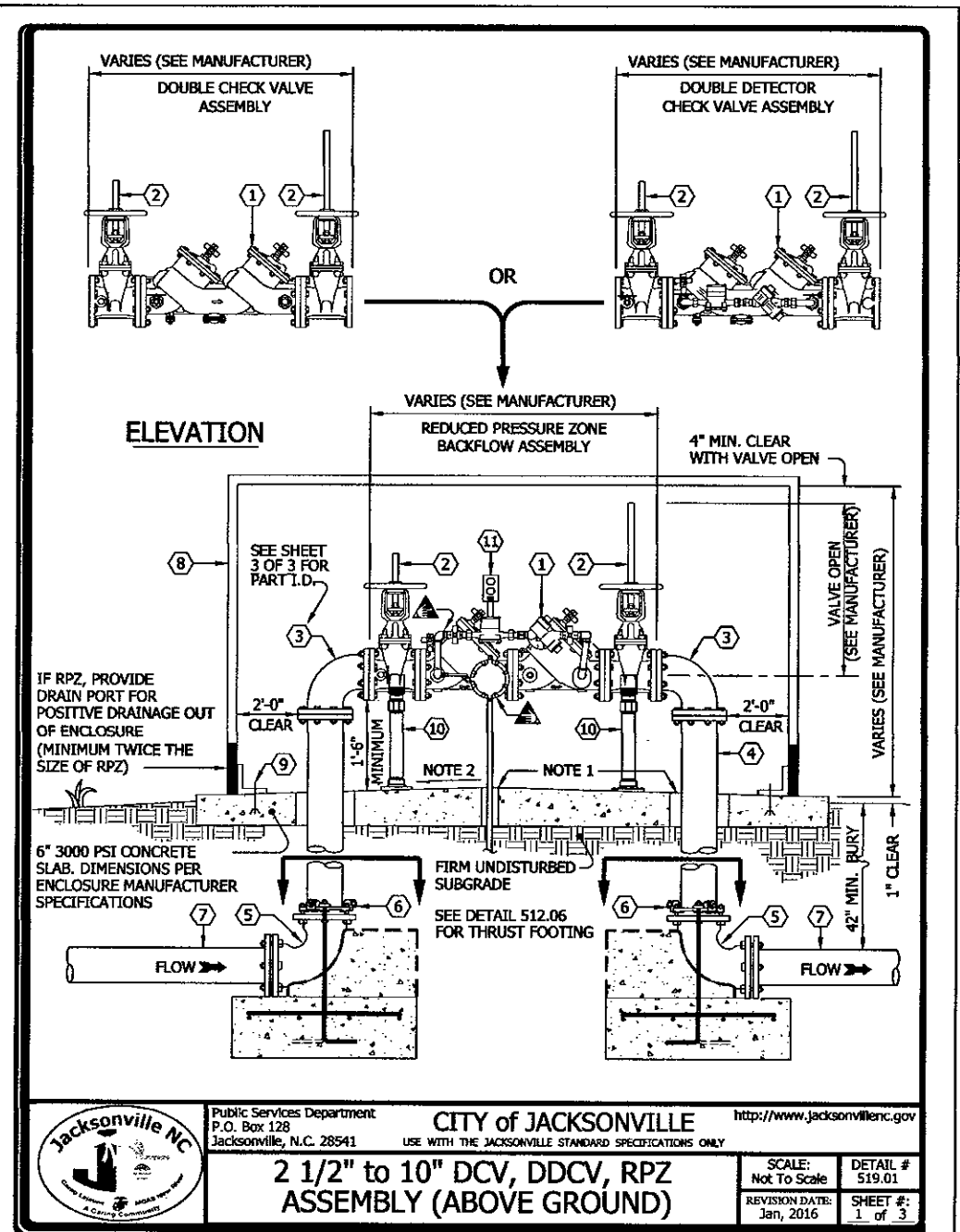
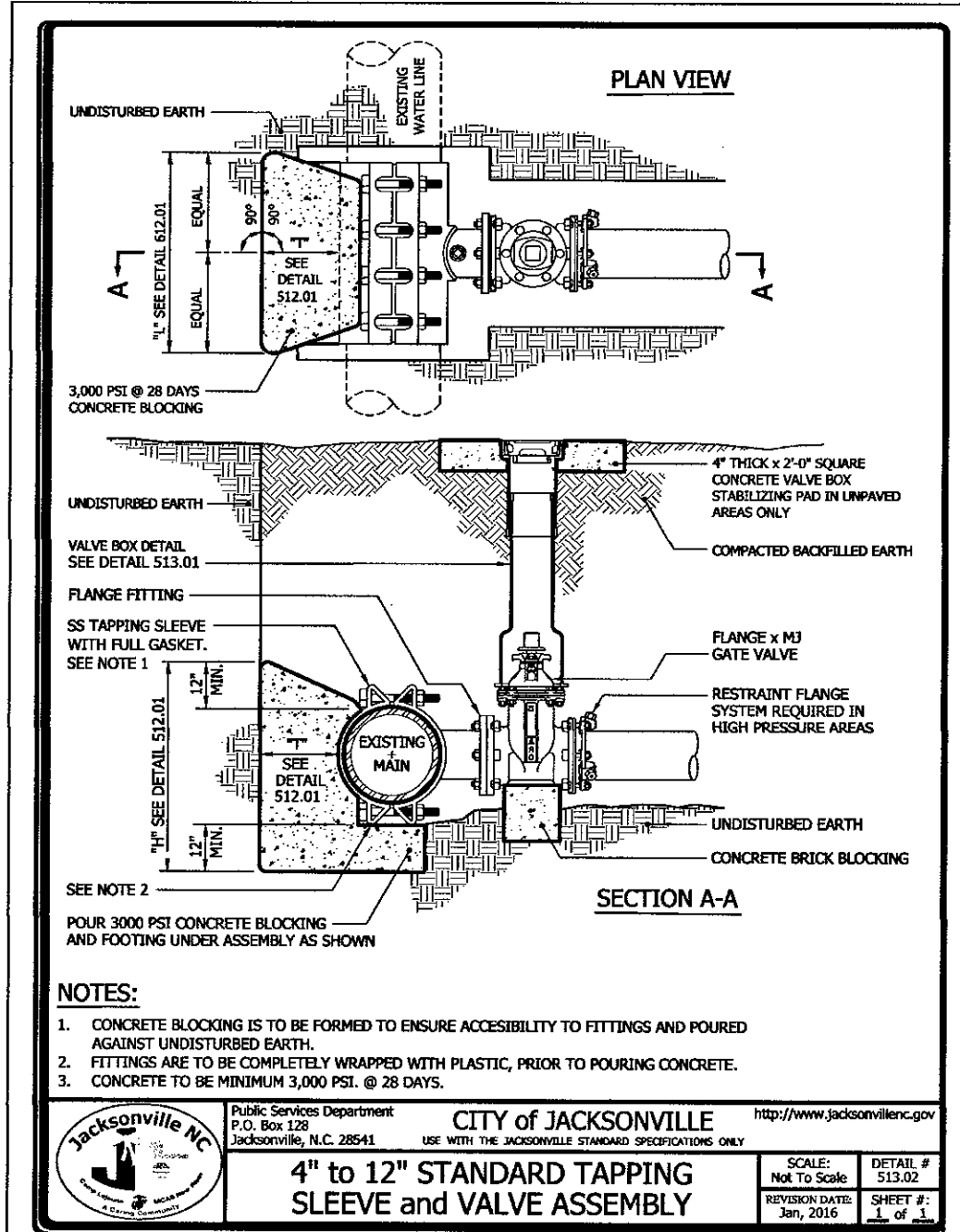
DATE: 02/21/2022

SCALE: As Noted

TIDEWATER ASSOCIATES, INC.

Consulting Engineers - Land Surveyors - Land Planners
Jacksonville, North Carolina
P.O. Box 976 - 306 New Bridge Street - 28540
Phone (910) 455-2414 - www.TidewaterENC.com
Firm License Number: F-0108





Water and Sewer Detail Sheet

CRESTFIELD POINT APARTMENTS

350 Blue Creek School Road
Jacksonville Twp., Onslow Co., North Carolina

Owner:
East Point Homes, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

Developer:
Carolina Statewide Development, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

DATE: 02/21/2022

SCALE: As Noted

TIDEWATER ASSOCIATES, INC.
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Firm License Number: F-0108



PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION A: SELF-INSPECTION

Self-inspections are required during normal business hours in accordance with the table below. When adverse weather or site conditions would cause the safety of the inspection personnel to be in jeopardy, the inspection may be delayed until the next business day on which it is safe to perform the inspection. In addition, when a storm event of equal to or greater than 1.0 inch occurs outside of normal business hours, the self-inspection shall be performed upon the commencement of the next business day. Any time when inspections were delayed shall be noted in the inspection record.

Inspect	Frequency (during normal business hours)	Inspection records must include:
(1) Rain gauge maintained in good working order	Daily	Daily rainfall amounts. If no daily rain gauge observations are made during weekend or holiday periods, and no individual day rainfall information is available, record the cumulative rain measurement for those on as-needed days (and this will determine if a site inspection is needed). Days on which no rainfall occurred shall be recorded as "zero". The permittee may use another rain-measuring device approved by the Division.
(2) EESC Measures	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	1. Identification of the measures inspected. 2. Date and time of the inspection. 3. Name of the person performing the inspection. 4. Indication of whether the measures were operating properly. 5. Description of maintenance needs for the measure. 6. Description, evidence, and date of corrective actions taken.
(3) Stormwater discharge outfalls (SDOs)	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	1. Identification of the discharge outfalls inspected. 2. Date and time of the inspection. 3. Name of the person performing the inspection. 4. Evidence of indicators of stormwater pollution such as oil sheen, floating or suspended solids or discoloration. 5. Indication of visible sediment leaving the site. 6. Description, evidence, and date of corrective actions taken.
(4) Perimeter of site	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	If visible sedimentation is found outside site limits, then a record of the following shall be made: 1. Actions taken to clean up or stabilize the sediment that has left the site limits. 2. Description, evidence, and date of corrective actions taken, and 3. An explanation as to the actions taken to control future releases.
(5) Streams or wetlands onsite or offsite (where accessible)	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	If the stream or wetland has increased visible sedimentation or a stream has visible increased turbidity from the construction activity, then a record of the following shall be made: 1. Description, evidence, and date of corrective actions taken, and 2. Records of the required reports to the appropriate Division Regional Office (see Part III, Section C, Item (3)(c) of this permit).
(6) Ground stabilization measures	After each phase of grading	1. The phase of grading (installation of perimeter EESC measures, clearing and grubbing, installation of storm drainage facilities, completion of all land disturbing activity, construction or redevelopment, permanent ground cover). 2. Documentation that the required ground stabilization measures have been provided with the required timeframe or an assurance that they will be provided as soon as possible.

NOTE: The rain inspection resets the required 7 calendar day inspection requirement.

PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION B: RECORDKEEPING

1. EESC Plan Documentation

The approved EESC plan as well as any approved deviation shall be kept on the site. The approved EESC plan must be kept up-to-date throughout the coverage under this permit. The following items pertaining to the EESC plan shall be kept on site and available for inspection at all times during normal business hours.

Item to Document	Documentation Requirements
(a) Each EESC measure has been installed and does not significantly deviate from the locations, dimensions and relative elevations shown on the approved EESC plan.	Initial and date each EESC measure on a copy of the approved EESC plan or complete, date and sign an inspection report that lists each EESC measure shown on the approved EESC plan. This documentation is required upon the initial installation of the EESC measures or if the EESC measures are modified after initial installation.
(b) A phase of grading has been completed.	Initial and date a copy of the approved EESC plan or complete, date and sign an inspection report to indicate completion of the construction phase.
(c) Ground cover is located and installed in accordance with the approved EESC plan.	Initial and date a copy of the approved EESC plan or complete, date and sign an inspection report to indicate compliance with approved ground cover specifications.
(d) The maintenance and repair requirements for all EESC measures have been performed.	Complete, date and sign an inspection report.
(e) Corrective actions have been taken to EESC measures.	Initial and date a copy of the approved EESC plan or complete, date and sign an inspection report to indicate the completion of the corrective action.

2. Additional Documentation to be Kept on Site

In addition to the EESC plan documents above, the following items shall be kept on the site and available for inspectors at all times during normal business hours, unless the Division provides a site-specific exemption based on unique site conditions that make this requirement not practical:

(a) This General Permit as well as the Certificate of Coverage, after it is received.

(b) Records of inspections made during the previous twelve months. The permittee shall record the required observations on the Inspection Record Form provided by the Division or a similar inspection form that includes all the required elements. Use of electronically available records in lieu of the required paper copies will be allowed if shown to provide equal access and utility as the hard-copy records.

3. Documentation to be Retained for Three Years

All data used to complete the e-NOI and all inspection records shall be maintained for a period of three years after project completion and made available upon request. [40 CFR 122.41]

PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION C: REPORTING

1. Occurrences that Must be Reported

Permittees shall report the following occurrences:

(a) Visible sediment deposition in a stream or wetland.

(b) Oil spills if:

- They are 25 gallons or more,
- They are less than 25 gallons but cannot be cleaned up within 24 hours,
- They cause sheen on surface waters (regardless of volume), or
- They are within 100 feet of surface waters (regardless of volume).

(c) Releases of hazardous substances in excess of reportable quantities under Section 311 of the Clean Water Act (Ref: 40 CFR 110.3 and 40 CFR 117.3) or Section 102 of CERCLA (Ref: 40 CFR 302.4) or G.S. 143-215.85.

(d) Anticipated bypasses and unanticipated bypasses.

(e) Noncompliance with the conditions of this permit that may endanger health or the environment.

2. Reporting Timeframes and Other Requirements

After a permittee becomes aware of an occurrence that must be reported, he shall contact the appropriate Division regional office within the timeframes and in accordance with the other requirements listed below. Occurrences outside normal business hours may also be reported to the Department's Environmental Emergency Center personnel at (800) 858-0368.

Occurrence	Reporting Timeframes (After Discovery) and Other Requirements
(a) Visible sediment deposition in a stream or wetland	<ul style="list-style-type: none"> Within 24 hours, an oral or electronic notification. Within 7 calendar days, a report that contains a description of the sediment and actions taken to address the cause of the deposition. Division staff may waive the requirement for a written report on a case-by-case basis. If the stream is named on the NC 303(d) list as impaired for sediment-related causes, the permittee may be required to perform additional monitoring, inspections or apply more stringent practices if staff determine that additional requirements are needed to assure compliance with the federal or state impaired waters conditions.
(b) Oil spills and release of hazardous substances per item 1(b)-(c) above	<ul style="list-style-type: none"> Within 24 hours, an oral or electronic notification. A report at least ten days before the date of the bypass, if possible. The report shall include an evaluation of the anticipated quality and effect of the bypass.
(c) Anticipated bypasses (40 CFR 122.41(m)(3))	<ul style="list-style-type: none"> Within 24 hours, an oral or electronic notification. Within 7 calendar days, a report that includes an evaluation of the quality and effect of the bypass.
(d) Unanticipated bypasses (40 CFR 122.41(m)(3))	<ul style="list-style-type: none"> Within 24 hours, an oral or electronic notification. Within 7 calendar days, a report that contains a description of the noncompliance, and its causes; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time noncompliance is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. [40 CFR 122.41(b)(6)]. Division staff may waive the requirement for a written report on a case-by-case basis.



NCG01 SELF-INSPECTION, RECORDKEEPING AND REPORTING

EFFECTIVE: 04/01/19

GROUND STABILIZATION AND MATERIALS HANDLING PRACTICES FOR COMPLIANCE WITH THE NCG01 CONSTRUCTION GENERAL PERMIT

Implementing the details and specifications on this plan sheet will result in the construction activity being considered compliant with the Ground Stabilization and Materials Handling sections of the NCG01 Construction General Permit (Sections E and F, respectively). The permittee shall comply with the Erosion and Sediment Control plan approved by the delegated authority having jurisdiction. All details and specifications shown on this sheet may not apply depending on site conditions and the delegated authority having jurisdiction.

SECTION E: GROUND STABILIZATION

Site Area Description	Required Ground Stabilization Timeframes	Timeframe variations
(a) Perimeter dikes, swales, ditches, and perimeter slopes	Stabilize within this many calendar days after ceasing land disturbance	None
(b) High Quality Water (HQW) Zones	7	None
(c) Slopes steeper than 3:1	7	If slopes are 10' or less in length and are not steeper than 2:1, 14 days are allowed.
(d) Slopes 3:1 to 4:1	14	7 days for slopes greater than 50' in length and with slopes steeper than 4:1 7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones 10 days for Falls Lake Watershed
(e) Areas with slopes flatter than 4:1	14	7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones 10 days for Falls Lake Watershed unless there is zero slope

Note: After the permanent cessation of construction activities, any areas with temporary ground stabilization shall be converted to permanent ground stabilization as soon as practicable but in no case longer than 90 calendar days after the last land disturbing activity. Temporary ground stabilization shall be maintained in a manner to render the surface stable against accelerated erosion until permanent ground stabilization is achieved.

GROUND STABILIZATION SPECIFICATION

Stabilize the ground sufficiently so that rain will not dislodge the soil. Use one of the techniques in the table below:

Temporary Stabilization	Permanent Stabilization
<ul style="list-style-type: none"> Temporary grass seed covered with straw or other mulches and tackifiers Hydroseeding Rollled erosion control products with or without temporary grass seed Appropriately applied straw or other mulch Plastic sheeting 	<ul style="list-style-type: none"> Permanent grass seed covered with straw or other mulches and tackifiers Geotextile fabrics such as permanent soil reinforcement matting Hydroseeding Strips or other permanent plantings covered with mulch Uniform and evenly distributed ground cover sufficient to restrain erosion Structural methods such as concrete, asphalt or retaining walls Rollled erosion control products with grass seed

POLYACRYLAMIDES (PAMS) AND FLOCCULANTS

- Select flocculants that are appropriate for the soils being exposed during construction, selecting from the NC DWR List of Approved PAMS/Flocculants.
- Apply flocculants at or before the inlets to Erosion and Sediment Control Measures.
- Apply flocculants at the concentrations specified in the NC DWR List of Approved PAMS/Flocculants and in accordance with the manufacturer's instructions.
- Provide ponding area for containment of treated Stormwater before discharging offsite.
- Store flocculants in leak-proof containers that are kept under storm-resistant cover or surrounded by secondary containment structures.

EQUIPMENT AND VEHICLE MAINTENANCE

- Maintain vehicles and equipment to prevent discharge of fluids.
- Provide drip pans under any stored equipment.
- Identify leaks and repair as soon as feasible, or remove leaking equipment from the project.
- Collect all spent fluids, store in separate containers and properly dispose as hazardous waste (recycle when possible).
- Remove leaking vehicles and construction equipment from service until the problem has been corrected.
- Bring used fuels, lubricants, coolants, hydraulic fluids and other petroleum products to a recycling or disposal center that handles these materials.

LITTER, BUILDING MATERIAL AND LAND CLEARING WASTE

- Never bury or burn waste. Place litter and debris in approved waste containers.
- Provide a sufficient number and size of waste containers (e.g. dumpster, trash receptacle) on site to contain construction and domestic wastes.
- Locate waste containers at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
- Locate waste containers on areas that do not receive substantial amounts of runoff from upland areas and does not drain directly to a storm drain, stream or wetland.
- Cover waste containers at the end of each workday and before storm events or provide secondary containment. Repair or replace damaged waste containers.
- Anchor all lightweight items in waste containers during times of high winds.
- Empty waste containers as needed to prevent overflow. Clean up immediately if containers overflow.
- Dispose waste off-site at an approved disposal facility.
- On business days, clean up and dispose of waste in designated waste containers.

PAINT AND OTHER LIQUID WASTE

- Do not dump paint and other liquid waste into storm drains, streams or wetlands.
- Locate paint washouts at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
- Contain liquid wastes in a controlled area.
- Containment must be labeled, sized and placed appropriately for the needs of site.
- Prevent the discharge of soaps, solvents, detergents and other liquid wastes from construction sites.

PORTABLE TOILETS

- Install portable toilets on level ground, at least 50 feet away from storm drains, streams or wetlands unless there is no alternative reasonably available. If 50 foot offset is not attainable, provide relocation of portable toilet behind silt fence or place on a gravel pad and surround with sand bags.
- Provide staking or anchoring of portable toilets during periods of high winds or in high foot traffic areas.
- Monitor portable toilets for leaking and properly dispose of any leaked material. Utilize a licensed sanitary waste hauler to remove leaking portable toilets and replace with properly operating unit.

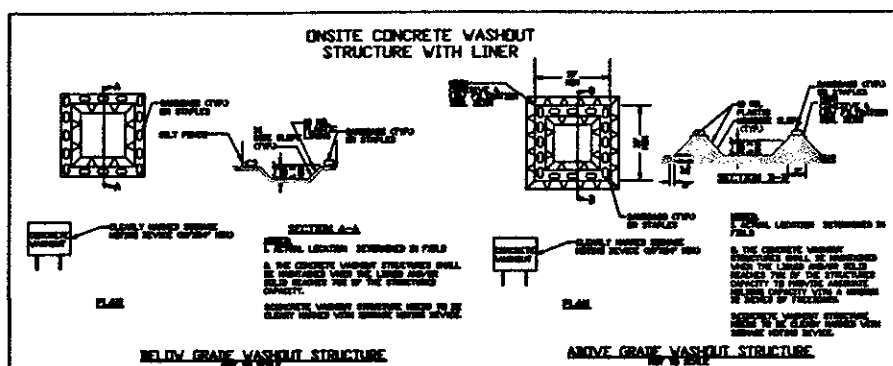
EARTHEN STOCKPILE MANAGEMENT

- Show stockpile locations on plans. Locate earthen-material stockpile areas at least 50 feet away from storm drain inlets, sediment basins, perimeter sediment controls and surface waters unless it can be shown no other alternatives are reasonably available.
- Protect stockpile with silt fence installed along toe of slope with a minimum offset of five feet from the toe of stockpile.
- Provide stable stone access point when feasible.
- Stabilize stockpile within the timeframes provided on this sheet and in accordance with the approved plan and any additional requirements. Soil stabilization is defined as vegetative, physical or chemical coverage techniques that will restrain accelerated erosion on disturbed soils for temporary or permanent control needs.



NCG01 GROUND STABILIZATION AND MATERIALS HANDLING

EFFECTIVE: 04/01/19



CONCRETE WASHOUTS

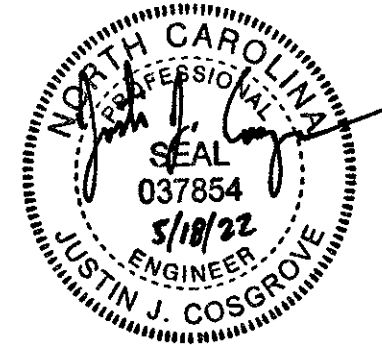
- Do not discharge concrete or cement slurry from the site.
- Dispose of, or recycle settled, hardened concrete residue in accordance with local and state solid waste regulations and at an approved facility.
- Manage washout from mortar mixers in accordance with the above item and in addition place the mixer and associated materials on impervious barrier and within lot perimeter silt fence.
- Install temporary concrete washouts per local requirements, where applicable. If an alternate method or product is to be used, contact your approval authority for review and approval. If local standard details are not available, use one of the two types of temporary concrete washouts provided on this detail.
- Do not use concrete washouts for dewatering or storing defective curb or sidewalk sections. Stormwater accumulated within the washout may not be pumped into or discharged to the storm drain system or receiving surface waters. Liquid waste must be pumped out and removed from project.
- Locate washouts at least 50 feet from storm drain inlets and surface waters unless it can be shown that no other alternatives are reasonably available. At a minimum, install protection of storm drain inlet(s) closest to the washout which could receive spills or overflow.
- Locate washouts in an easily accessible area, on level ground and install a stone entrance pad in front of the washout. Additional controls may be required by the approving authority.
- Install at least one sign directing concrete trucks to the washout within the project limits. Post signage on the washout itself to identify this location.
- Remove leavings from the washout when at approximately 75% capacity to limit overflow events. Replace the tarp, sand bags or other temporary structural components when no longer functional. When utilizing alternative or proprietary products, follow manufacturer's instructions.
- At the completion of the concrete work, remove remaining leavings and dispose of in an approved disposal facility. Fill pit, if applicable, and stabilize any disturbance caused by removal of washout.

HERBICIDES, PESTICIDES AND RODENTICIDES

- Store and apply herbicides, pesticides and rodenticides in accordance with label restrictions.
- Store herbicides, pesticides and rodenticides in their original containers with the label, which lists directions for use, ingredients and first aid steps in case of accidental poisoning.
- Do not store herbicides, pesticides and rodenticides in areas where flooding is possible or where they may spill or leak into wells, stormwater drains, ground water or surface water. If a spill occurs, clean area immediately.
- Do not stockpile these materials onsite.

HAZARDOUS AND TOXIC WASTE

- Create designated hazardous waste collection areas on-site.
- Place hazardous waste containers under cover or in secondary containment.
- Do not store hazardous chemicals, drums or bagged materials directly on the ground.



NCG01 Detail Sheet

CRESTFIELD POINT APARTMENTS

350 Blue Creek School Road
Jacksonville Twp., Onslow Co., North Carolina

Owner:
East Point Homes, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

Developer:
Carolina Statewide Development, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

DATE: 02/21/2022

SCALE: Not to Scale

TIDEWATER ASSOCIATES, INC.

Consulting Engineers - Land Surveyors - Land Planners
Jacksonville, North Carolina
P.O. Box 976 - 306 New Bridge Street - 28540
Phone (910) 455-2414 - www.TidewaterENC.com
Firm License Number: F-0108





Photograph 1 – PVC and Sewer Connection on Eastern Portion of the Site



Photograph 2 – Site facing East from Blue Creek School Road



Photograph 3 – Site from the Northern Portion of the Site facing East toward New Development



Photograph 4 – Soccer Field on the Western Adjoining Property



Photograph 5 –Connection on Southeastern Portion of the Site



Photograph 6 – Water Connection on Southeastern Portion of the Site



Photograph 7 – Sewer Connection on Southeastern Portion of the Site



Photograph 8 – Site facing Northeast from the Southeastern border



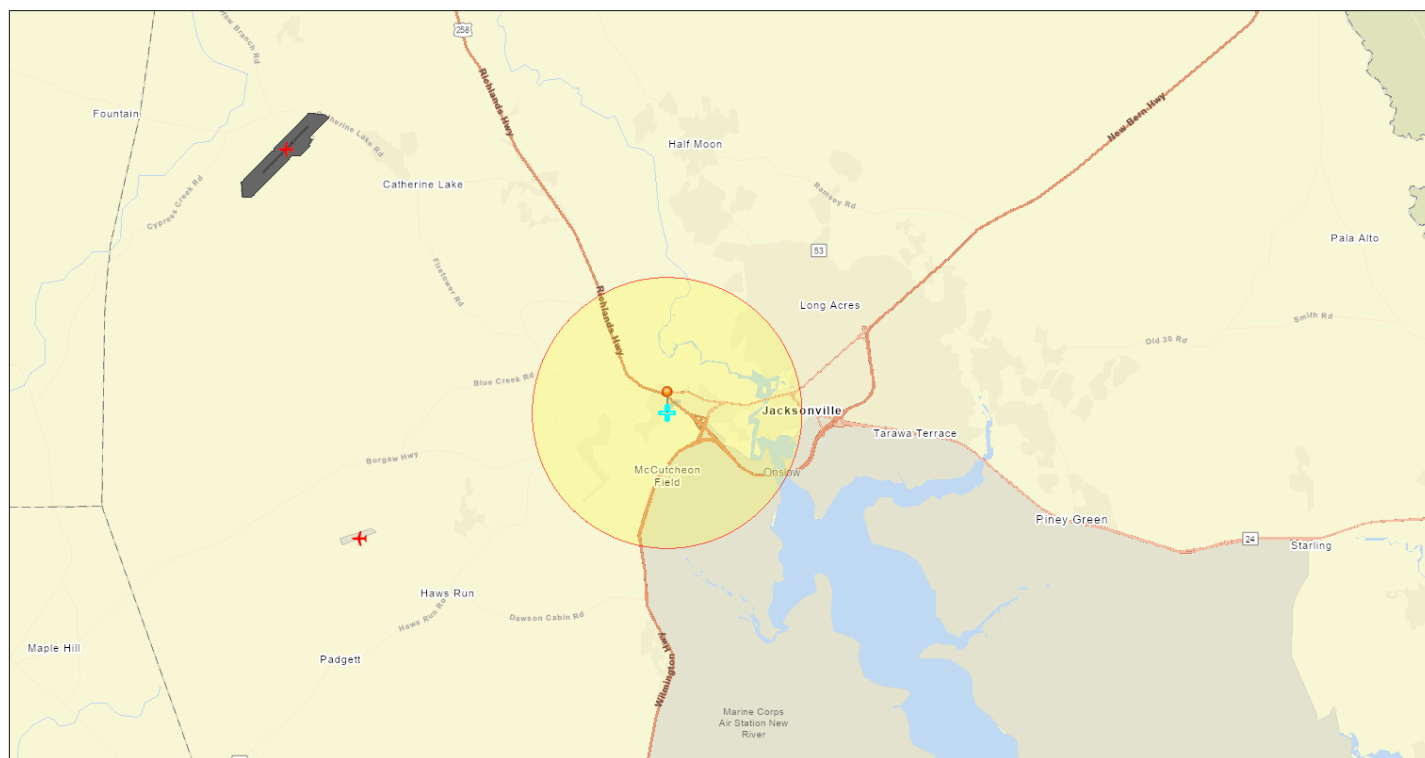
Photograph 9 – Northern Portion of the Site facing East



Photograph 10 – Wood Stockpile on Northern Portion of Site

NEPAssist Report

Crestfield Point Apartments - 15,000-foot Buffer



June 17, 2022

Project Buffer



Crestfield Point Apartments - 15,000-foot Buffer



Airport Points



Airport Polygons

1:146,760

0 1.5 3 6 mi
0 2.25 4.5 9 km

Esri, HERE, Garmin, SafeGraph, METI/NASA, USGS, EPA, NPS, USDA, EPA OEI

Project Location	34.749057,-77.470905
Within 15000 feet of an Ozone 8-hr (1997 standard) Non-Attainment/Maintenance Area?	no
Within 15000 feet of an Ozone 8-hr (2008 standard) Non-Attainment/Maintenance Area?	no
Within 15000 feet of a Lead (2008 standard) Non-Attainment/Maintenance Area?	no
Within 15000 feet of a SO2 1-hr (2010 standard) Non-Attainment/Maintenance Area?	no
Within 15000 feet of a PM2.5 24hr (2006 standard) Non-Attainment/Maintenance Area?	no
Within 15000 feet of a PM2.5 Annual (1997 standard) Non-Attainment/Maintenance Area?	no
Within 15000 feet of a PM2.5 Annual (2012 standard) Non-Attainment/Maintenance Area?	no
Within 15000 feet of a PM10 (1987 standard) Non-Attainment/Maintenance Area?	no
Within 15000 feet of a Federal Land?	yes
Within 15000 feet of an impaired stream?	yes
Within 15000 feet of an impaired waterbody?	yes
Within 15000 feet of a waterbody?	yes
Within 15000 feet of a stream?	yes
Within 15000 feet of an NWI wetland?	Available Online
Within 15000 feet of a Brownfields site?	yes
Within 15000 feet of a Superfund site?	no
Within 15000 feet of a Toxic Release Inventory (TRI) site?	no
Within 15000 feet of a water discharger (NPDES)?	yes

Within 15000 feet of a hazardous waste (RCRA) facility?	yes
Within 15000 feet of an air emission facility?	yes
Within 15000 feet of a school?	yes
Within 15000 feet of an airport?	no
Within 15000 feet of a hospital?	no
Within 15000 feet of a designated sole source aquifer?	no
Within 15000 feet of a historic property on the National Register of Historic Places?	yes
Within 15000 feet of a Toxic Substances Control Act (TSCA) site?	no
Within 15000 feet of a Land Cession Boundary?	no
Within 15000 feet of a tribal area (lower 48 states)?	no
Within 15000 feet of the service area of a mitigation or conservation bank?	yes
Within 15000 feet of the service area of an In-Lieu-Fee Program?	yes

Created on: 6/17/2022 5:52:36 PM



Not to Scale

FIGURE 1: AIRPORTS

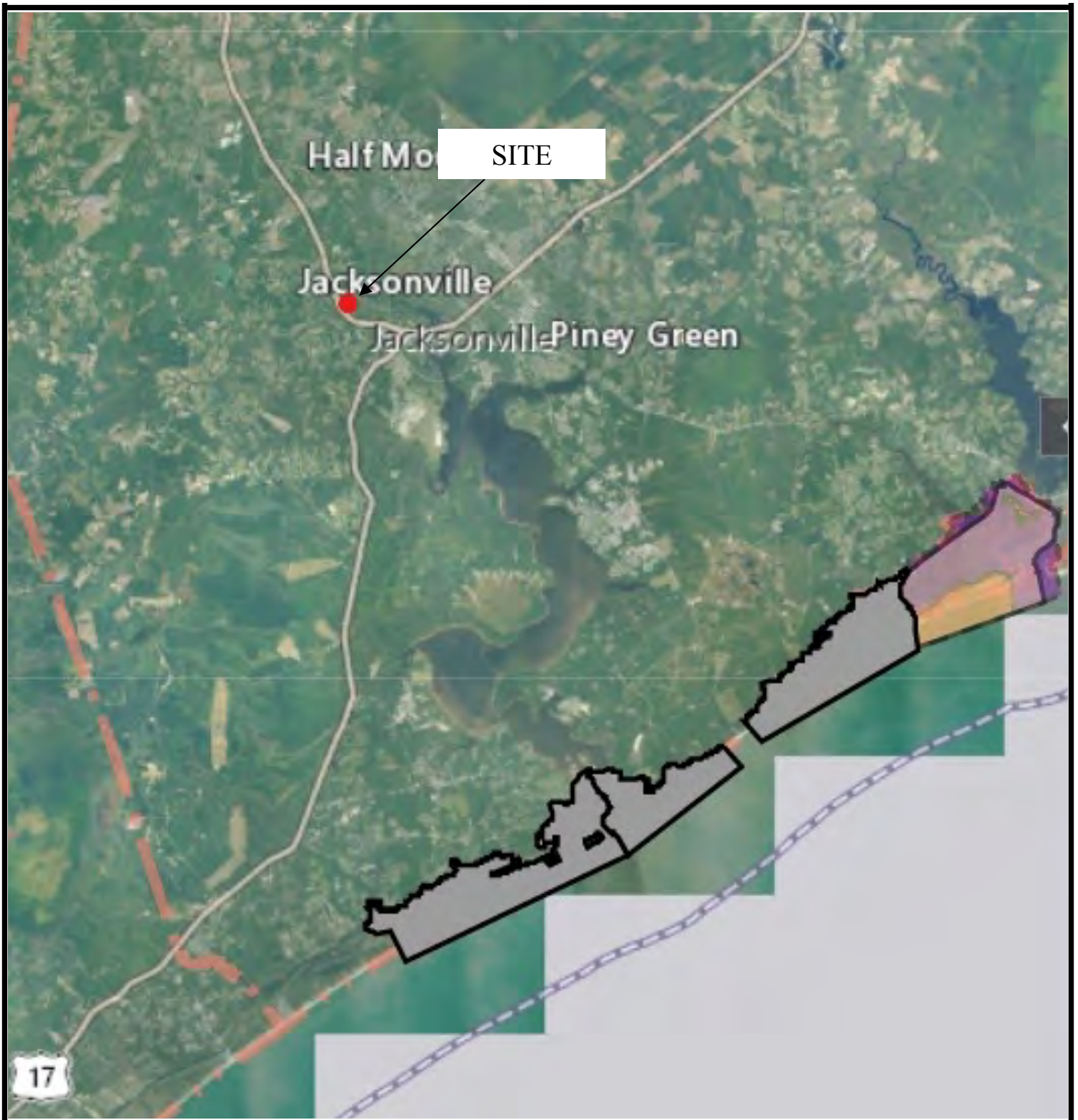
Source: Google Maps



Proposed Crestfield Point Apartments
Blue creek School Road
Jacksonville, North Carolina



ASE Project No. 1516
January 2022



Not to Scale

FIGURE 2: COASTAL BARRIER RESOURCES

Source: NPS Maps ArcGIS



Proposed Crestfield Point Apartments
Blue creek School Road
Jacksonville, North Carolina



ASE Project No. 1516
January 2022

National Flood Hazard Layer FIRMette



Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Digital Data Available
		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 **8/28/2019 at 1:11:49 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

34°45'12.81"N



USGS The National Map: Orthoimagery, Data refreshed April, 2019.

0 250 500 1,000 1,500 2,000 Feet 1:6,000

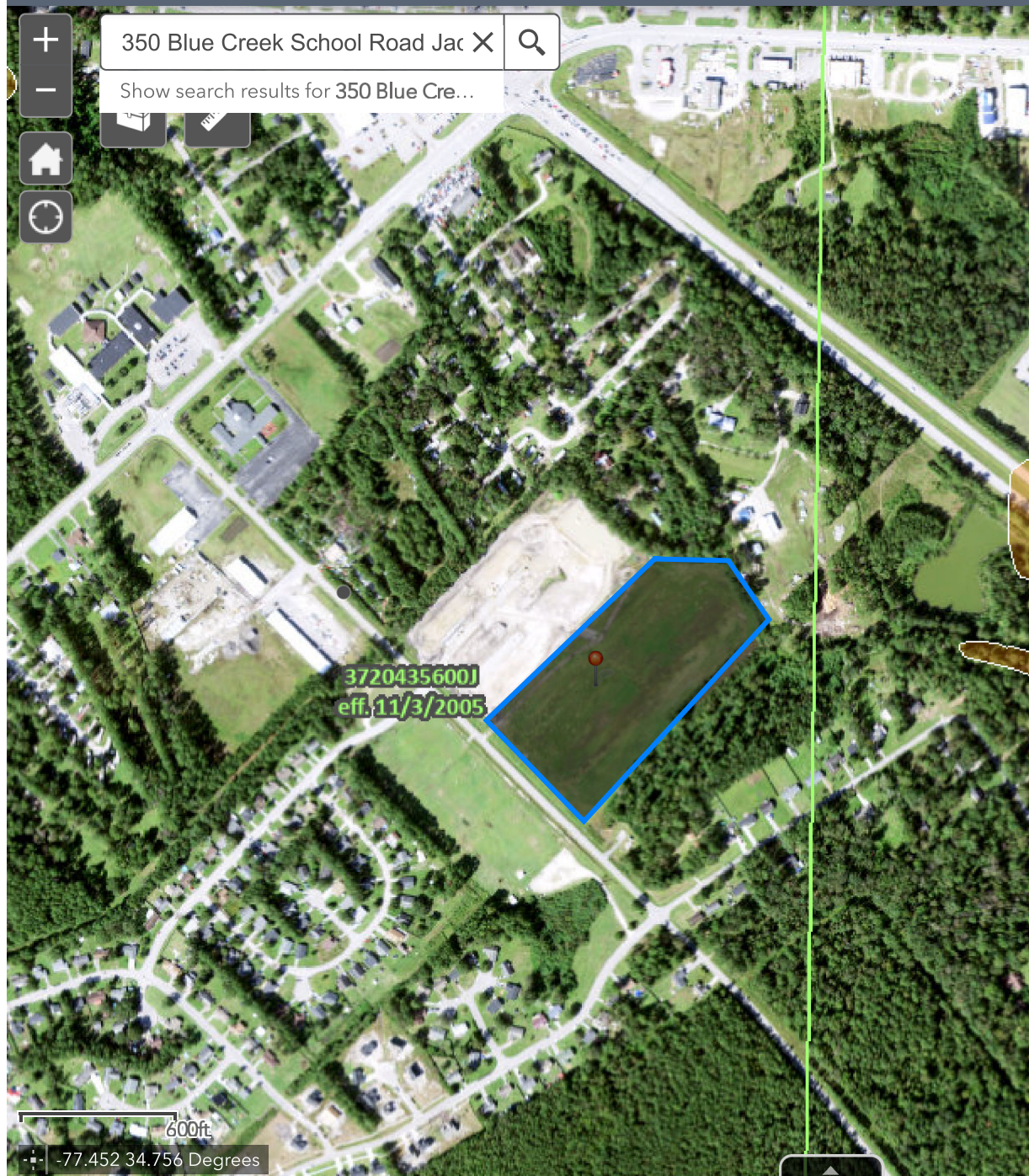
34°44'43.25"N

77°28'1.22"W



FEMA's National Flood Hazard Layer (NFHL) Viewer

with Web AppBuilder for ArcGIS



Legend

Bridge

Dam, Weir, Jetty

Other Structures

River Mile Markers



Limit of Moderate Wave Action



Flood Hazard Boundaries

Limit Lines

SFHA / Flood Zone Boundary

Flood Hazard Zones

1% Annual Chance Flood Hazard

Regulatory Floodway

Special Floodway

Area of Undetermined Flood Hazard

0.2% Annual Chance Flood Hazard

Future Conditions 1% Annual Chance Flood Hazard

Area with Reduced Risk Due to Levee

Area with Risk Due to Levee

Primary Frontal Dunes



Coastal Barrier Resources System Area (US FWS)

CBRS Prohibitions

Otherwise Protected Area

System Unit



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 November 30, 2021

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 Cos (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

County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or/ Part County	Population (2010)	State/County FIPS Codes
Mecklenburg County	1-Hour Ozone (1979)-NAAQS revoked	Charlotte-Gastonia, NC	929394	07/05/1995	Moderate	Whole	919,628	37/119
Mecklenburg County	8-Hour Ozone (1997)-NAAQS revoked	Charlotte-Gastonia-Rock Hill, NC-SC	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 Cos (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

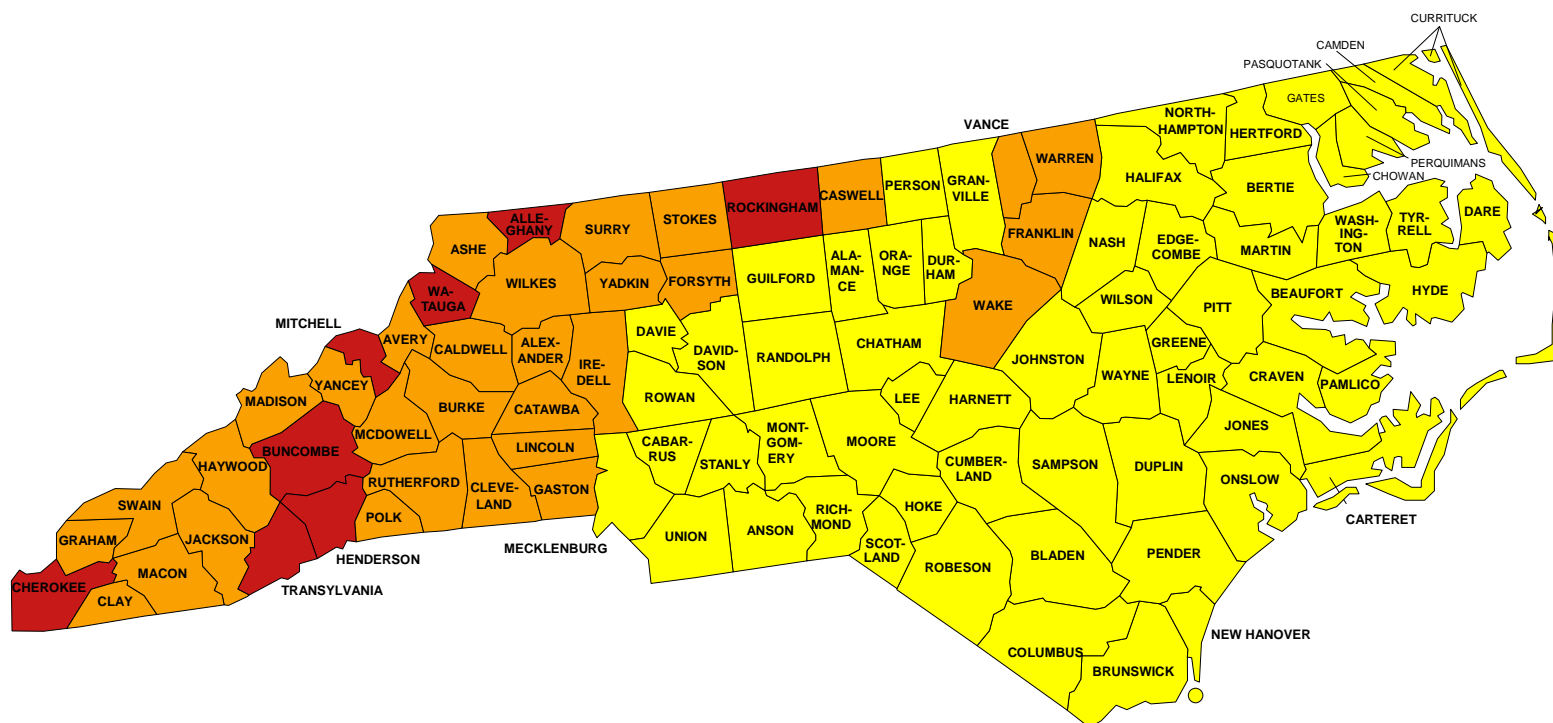
NORTH CAROLINA - EPA Map of Radon Zones

<http://www.epa.gov/radon/zonemap.html>

The purpose of this map is to assist National, State and local organizations to target their resources and to implement radon-resistant building codes.

This map is not intended to determine if a home in a given zone should be tested for radon. Homes with elevated levels of radon have been found in all three zones.

All homes should be tested, regardless of zone designation.



Zone 1

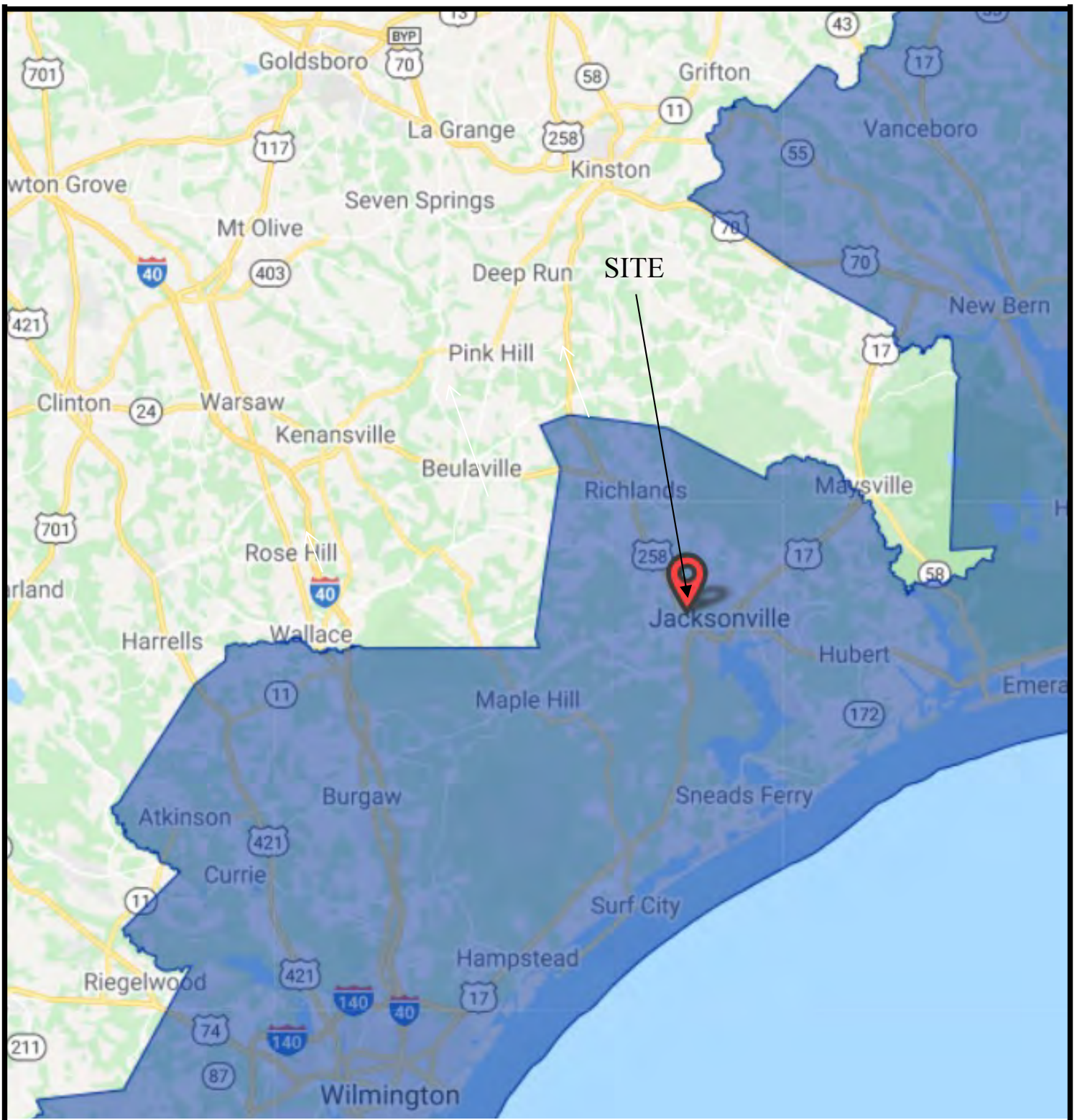


Zone 2



Zone 3

IMPORTANT: Consult the publication entitled "Preliminary Geologic Radon Potential Assessment of North Carolina" (USGS Open-file Report 93-292-D) before using this map. <http://energy.cr.usgs.gov/radon/grpinfo.html> This document contains information on radon potential variations within counties. EPA also recommends that this map be supplemented with any available local data in order to further understand and predict the radon potential of a specific area.



Not to Scale **FIGURE 6: COASTAL ZONE MANAGEMENT**

Source: US National Oceanic and Atmospheric Administration



Proposed Crestfield Point Apartments
Blue Creek School Road
Jacksonville, North Carolina



ASE Project No. 1516
January 2022

From: Govoni, Daniel daniel.govoni@ncdenr.gov
Subject: RE: [External] Consistency DCM2021063
Date: November 9, 2021 at 9:31 AM
To: Cheryl Moody cmoody@atlanticshoresenv.com

DG

Hello Cheryl,

We received your consistency submission on September 8, 2021, concerning the proposed affordable housing apartment complex located at 350 Blue Creek School Road, Jacksonville, NC.

North Carolina's coastal zone management program consists of, but is not limited to, the Coastal Area Management Act, the State's Dredge and Fill Law, Chapter 7 of Title 15A of North Carolina's Administrative Code, and the land use plan of the County and/or local municipality in which the proposed project is located. It is the objective of the Division of Coastal Management (DCM) to manage the State's coastal resources to ensure that proposed federal actions would be compatible with safeguarding and perpetuating the biological, social, economic, and aesthetic values of the State's coastal waters.

DCM has reviewed the submitted information pursuant to the management objectives and enforceable policies of Subchapters 7H and 7M of Chapter 7 in Title 15A of the North Carolina Administrative Code and concurs that the proposed activity is consistent with North Carolina's approved coastal management program.

Prior to the initiation of the activities described, the applicant should obtain any required State approvals or authorizations. Should the proposed action be modified further, a revised consistency determination could be necessary. This might take the form of either a supplemental consistency determination pursuant to 15 CFR 930.46, or a new consistency determination pursuant to 15 CFR 930.36. Likewise, if further project assessments reveal environmental effects not previously considered, a supplemental consistency certification may be required. If you have any questions, please contact me at (252) 808-2808. Thank you for your consideration of the North Carolina Coastal Management Program.

Daniel

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

252 808 2808 x233
Daniel.Govoni@ncdenr.gov

Morehead City, NC 28557

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

From: Cheryl Moody <cmoody@atlanticshoresenv.com>
Sent: Monday, November 8, 2021 3:13 PM
To: Govoni, Daniel <daniel.govoni@ncdenr.gov>

Subject: Re: [External] Consistency DCM2021063

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to [Report Spam](#).

Daniel,

Can you please reference the property/project so that we can document that this consistency is project specific. Thank you.

Crestfield Point Apartments
350 Blue Creek School Road
Jacksonville NC

Cheryl J. Moody, PE, REM, CIEC, CMRS
Principal Engineer
Owner
LEED Green Associate

Atlantic Shores Environmental Services, Ltd.
175-1 Venture Drive
Belville, North Carolina 28451
910-371-5980 (o)
910-512-5321 (c)
cmoody@atlanticshoresenv.com
www.atlanticshoresenvironmental.com
NC License No. C-4762

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On Nov 8, 2021, at 12:13 PM, Govoni, Daniel <daniel.govoni@ncdenr.gov> wrote:

Hello Cheryl,

North Carolina's coastal zone management program consists of, but is not limited to, the Coastal Area Management Act, the State's Dredge and Fill Law, Chapter 7 of Title 15A of North Carolina's Administrative Code, and the land use plan of the County and/or local municipality in which the proposed project is located. It is the objective of the Division of Coastal Management (DCM) to manage the State's coastal resources to ensure that proposed federal actions would be

(DCM) to manage the State's coastal resources to ensure that proposed federal actions would be compatible with safeguarding and perpetuating the biological, social, economic, and aesthetic values of the State's coastal waters.

DCM has reviewed the submitted information pursuant to the management objectives and enforceable policies of Subchapters 7H and 7M of Chapter 7 in Title 15A of the North Carolina Administrative Code and concurs that the proposed activity is consistent with North Carolina's approved coastal management program.

Prior to the initiation of the activities described, the applicant should obtain any required State approvals or authorizations. Should the proposed action be modified further, a revised consistency determination could be necessary. This might take the form of either a supplemental consistency determination pursuant to 15 CFR 930.46, or a new consistency determination pursuant to 15 CFR 930.36. Likewise, if further project assessments reveal environmental effects not previously considered, a supplemental consistency certification may be required. If you have any questions, please contact me at (252) 808-2808. Thank you for your consideration of the North Carolina Coastal Management Program.

Daniel

Daniel M. Govoni

Policy Analyst
Federal Consistency Coordinator
NC Division of Coastal Management
Department of Environmental Quality

252 808 2808 x233

Daniel.Govoni@ncdenr.gov

Morehead City, NC 28557

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North Carolina Public Records Law and may be disclosed to third parties.*

From: Cheryl Moody <cmoody@atlanticshoresenv.com>

Sent: Wednesday, September 8, 2021 9:51 AM

To: Govoni, Daniel <daniel.govoni@ncdenr.gov>

Subject: [External] Consistency

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to [Report Spam](#).

Daniel,

Please see attached requests. Thank you.

Cheryl J. Moody, PE, REM, CIEC, CMRS
Principal Engineer
Owner

OWNER:
LEED Green Associate

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Atlantic Shores Environmental Services, Ltd.

November 17, 2021

Mr. Mark McCloskey
Crestfield Point, LLC
166 Center Street
Jacksonville, North Carolina 28546

Reference: Phase I Environmental Site Assessment
Proposed Crestfield Point Apartments
Blue Creek School Road
Onslow County, North Carolina
ASE Project No. 1516

Dear Mr. McCloskey:

Atlantic Shores Environmental Services, Ltd. (ASE) is pleased to provide you with the results of our Phase I Environmental Site Assessment (ESA) for the referenced property. Our services were provided in general accordance with ASE proposal number 1419-P dated August 17, 2021, and generally meet the requirements of ASTM E 1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process and EPA Standards and Practices for All Appropriate Inquiries contained in 40 CFR Part 312.

If there are questions regarding this report, or a need for further information, please contact us at 910-371-5980.

Respectfully submitted,

ATLANTIC SHORES ENVIRONMENTAL SERVICES, LTD.

Cheryl J. Moody, PE
Principal Engineer

Daniel J. Schiwing
Staff Scientist



**PHASE I ENVIRONMENTAL SITE ASSESSMENT
PROPOSED CRESTFIELD POINT APARTMENTS
BLUE CREEK SCHOOL ROAD
ONSLOW COUNTY, NORTH CAROLINA**

ASE PROJECT NO. 1516

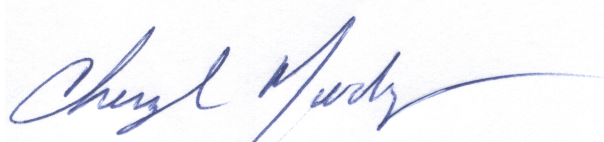
FOR

CRESTFIELD POINT, LLC

NOVEMBER 17, 2021

ENVIRONMENTAL PROFESSIONAL STATEMENT

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



Cheryl J. Moody, PE
Principal Engineer

November 17, 2021

Date



Atlantic Shores Environmental Services, Ltd.

PROJECT

Phase I Environmental Site Assessment
Proposed Crestfield Point Apartments
Blue Creek School Road
Onslow County, North Carolina

CLIENT

Crestfield Point, LLC
166 Center Street
Jacksonville, North Carolina 28540

SUBMITTED BY

Atlantic Shores Environmental Services, Ltd.
175-1 Venture Drive
Belville, North Carolina 28451

PROJECT No. 1516

DATE

November 17, 2021

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
PROPOSED CRESTFIELD POINT APARTMENTS
BLUE CREEK SCHOOL ROAD
ONSLOW COUNTY, NORTH CAROLINA
ASE PROJECT NO. 1516**

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1.0 EXECUTIVE SUMMARY

Atlantic Shores Environmental Services, Ltd. (ASE) was contracted by the Eastpoint Homes, LLC to perform an ASTM Standard E-1527-13, Phase I Environmental Site Assessment (ESA) for the property located on Blue Creek School Road in Onslow County, North Carolina. The site is within the Jacksonville City Extraterritorial Jurisdictional (ETJ). The site location and site boundary are illustrated on the attached figures included in Appendix I. The Environmental Assessment was conducted in substantial accordance with ASTM E 1527-13 and EPA Standards and Practices for All Appropriate Inquiries. The Environmental Assessment was conducted under the supervision or responsible charge of an individual that qualifies as an environmental professional, as defined in 40 CFR §312.10. Any exceptions to or deletions from this practice are described in Section 2.3 of this report.

The site consists of Onslow County Parcel ID number 332-88 and is owned by East Point Homes, LLC. The site encompasses approximately 13.2 acres of a 26.5-acre tax parcel. The site is currently vacant land. The parcel is located on Blue Creek School Road and has frontage along Blue Creek School Road to the south.

The site is located in a mixed use area of the county. Agricultural, commercial and residential properties surround the site.

The site and the western adjoining property appear to have been initially developed as agricultural property some time prior to 1942. Pesticides and herbicides have likely been used on the site. However, the application of these material in accordance with the manufacturers approved application rates is not considered a REC.

The surrounding site area was primarily wooded and agricultural in 1950's. However, the area began becoming heavily residentially and commercially developed in the late 1980's. Marlene's Garage began operating southwest of the site sometime between 1983 and 2007. After the closing of Marlene's Garage, the property was occupied by various commercial businesses. West of the adjoining property being developed with an apartment building appears to have been an auto salvage yard in the 1980s and 1990's.

The Standard Environmental Records (SER) search was prepared by Environmental Data Resources, Inc. (EDR). The search identified the site in the standard environmental records on the Debris List. The use of the site for temporary storage and processing of hurricane vegetation debris is not considered an REC.

EDR identified twenty (20) properties within their respective search distances from the site. Based on the distance from the site, topographic gradient, and/or regulatory information, one (1) of the surrounding listings was considered to be a potential REC.

- **Marlene's Garage**, 305 Blue Creek School Road – However, groundwater sampling

from 2019 on the western adjoining property did not identify the presence of impacts. The purpose of this sampling was to determine if operations at Marlene's Garage and the western former auto salvage yard had impacted the groundwater on the western adjoining property. Former operations on these properties are not considered RECs based on the sampling data.

Several data gaps were identified during the course of this investigation. However, based on the other information gathered as part of this investigation, ASE does not identify these data gap as significant.

As documented and qualified by this report, this assessment has not revealed evidence of RECs in connection with the property:

This Executive Summary is an integral part of the Phase I Environmental Site Assessment report. ASE recommends that the report be read in its entirety.

2.0 INTRODUCTION

2.1 Purpose and Reason for Performing Phase I ESA

The purpose of the ESA was to:

- Evaluate the probability of impact to the surface water, groundwater and/or soils within the property boundaries through a review of regulatory information and a reconnaissance of the subject site and vicinity;
- Evaluate historical land usage to identify previous conditions that could potentially impact the environmental condition of the site;
- Evaluate the potential for on-site and off-site contamination;
- Provide a professional opinion regarding the potential for environmental impact at the site, and a list of Recognized Environmental Conditions (REC); and
- Conduct all appropriate inquiry as defined by ASTM E 1527-13.

The reason for the ESA is to qualify for landowner liability protections to CERCLA liability.

2.2 Scope of Services

ASE was contracted by Crestfield Point, LLC to perform a Phase I ESA for a parcel of land located on Blue Creek School Road in Onslow County, North Carolina. The site is within the Jacksonville City Extraterritorial Jurisdictional (ETJ). The site location and site boundary are illustrated on the attached figures included in Appendix I. The Environmental Assessment was conducted in substantial accordance with ASTM E 1527-13 and EPA Standards and Practices for All Appropriate Inquiries. The Environmental Assessment was conducted under the supervision or responsible charge of an individual that qualifies as an environmental professional, as defined in 40 CFR §312.10.

2.3 Limitations

The ESA involved a reconnaissance of the site and contiguous properties and a review of regulatory and historical information in general accordance with the ASTM standard and EPA regulation referenced herein. Non-scope considerations or additional issues such as asbestos, radon, wetlands or mold were not investigated, unless otherwise described in Section 7.0 of this report.

The conclusions and/or recommendations presented within this report are based upon a reasonable level of investigation within normal bounds and standards of professional practice

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

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

ASTM E-1527-13 defines a "recognized environmental condition" as: " the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions."

ASTM E-1527-13 defines a "de minimis condition" as: "a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies."

ASTM E-1527-13 defines "controlled recognized environmental condition" 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)."

ASTM E-1527-13 defines "historical recognized environmental condition" 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 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)."

ASTM E-1527-13 defines a "business environmental risk" as "a risk which can have a material environmental or environmentally-driven impact on the business associated with the current

or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice”

This report is provided for the exclusive use for Mark McCloskey under the existing terms and conditions for this project under ASE proposal number 1419-P, dated August 17, 2021. This report is not intended to be used or relied upon in connection with other projects or by other unidentified third parties. The use of this report by any undesigned third party or parties will be at such party's sole risk and ASE disclaims liability for any such third party use or reliance.

3.0 SITE DESCRIPTION

3.1 Site Location and Legal Description

The site referred to as “subject property”, “site” or “the property” consists of Onslow County Parcel ID number 332-88. According to the County tax records the site is owned by East Point Homes, LLC. The site encompasses approximately 13.2 acres of a 26.5-acre parcel, as illustrated on Figure 2. The site is currently idle agricultural land. The parcel is located on Blue Creek School Road in Onslow County, North Carolina. The site has frontage along Blue Creek School Road to the southwest. ASE was not provided with a legal description of the site, however, the description within the deed was reviewed. A copy of the deed has been included in Appendix IV.

3.2 Physical Setting and Hydrogeology

As determined from the USGS Topographic Map, Onslow County, North Carolina Quadrangle dated 2009 (Figure 1). The site is located on a relatively flat tract of land at approximately 25 feet above the National Geodetic Vertical Datum. The land gently slopes down to the east towards Edwards Creek located approximately 500 feet southeast of the site.

In general, shallow unconfined groundwater movement within the overlying soils is controlled largely by topographic gradients. Recharge occurs primarily by infiltration along higher elevations and typically discharges into streams or other surface water bodies. The elevation of the shallow water table is transient and can vary greatly with seasonal fluctuations in precipitation. Movement of groundwater under water table conditions is generally from higher to lower elevations. Therefore, the groundwater is expected to flow east of the site towards Edwards Creek. Actual site groundwater flow direction cannot be determined without site-specific groundwater information determined through the installation of groundwater monitoring wells.

The site is located in the Coastal Plain Physiographic Province. The Coastal Plain is characterized by flat land to gently rolling hills and valleys. Elevations range from sea level near the coast to approximately 600 feet in the Sand Hills of the Southern Inner Coastal Plain.

According to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM), Map Number 3720435600J, effective on November 3, 2005, the subject site is located in Zone X which are areas of minimal flooding. A copy of the FIRMette map has been included in Appendix IV.

3.3 Current Use and Description of the Site

The site consists of approximately 13.2 acres of overgrown agricultural land. Structures are not present on the site. The site has frontage on Blue Creek School Road to the southwest. This site is currently zoned for Residential Multi-Family High Density.

3.4 Current Uses of the Adjoining Properties

The site is located within a high-density residential use district of Jacksonville, along Blue Creek School Road. Residential properties are located on adjoining properties to the north. Commercial properties are located on an adjoining property to the west of the site and southwest across Blue Creek School Road. South of the site there are single family residential homes. A more detailed description of the adjoining properties is included in Section 6.2 of this report.

4.0 USER PROVIDED INFORMATION

An ASTM User Questionnaire was completed by Mr. James E. Maides (User of the Report) and has been attached to this report.

4.1 Title Information

ASE was not provided with a chain-of-title for our review. If this information is provided at a later date, we will review it for evidence of environmental concerns and issue an addendum to this report if the review indicates a material difference in our findings.

4.2 Environmental Liens or Activity and Use Limitations

The User is not aware of environmental liens located on this property. ASE conducted a lien search by reviewing the most recent deeds for the parcels on file at Onslow County Registry of Deeds. Environmental liens or activity and use limitations were not identified in the reviewed deeds. A copy of the reviewed deeds have been attached in Appendix IV.

4.3 Specialized Knowledge

Specialized Knowledge is defined as: any specialized knowledge or experience that is material to recognized environmental conditions in connection with the property. If the User is aware of this, it is the user's responsibility to communicate any such information to the environmental professional prior to the site reconnaissance.

The User did not provide ASE with any specialized knowledge.

4.4 Commonly Known or Reasonably Ascertainable Information

Commonly known or reasonably ascertainable information is defined as: any commonly known or reasonably ascertainable information within the local community that is material to recognized environmental conditions in connection with the property. It is the User's responsibility to communicate any such information to the environmental professional prior to the site reconnaissance.

The User stated that the property has been used for agriculture.

4.5 Valuation Reduction for Environmental Issues

The User indicated that the purchase price of the subject site reflects fair market value.

4.6 Owner, Property Manager, and Occupant Information

The site is owned by Eastpoint Homes, LLC and is currently undeveloped idle agricultural land. The site is currently a field and not occupied. ASE was not provided with a property manager for interview.

4.7 Degree of Obviousness

The User did not provide information pertaining to obvious indicators that point to the presence or likely presence of contamination at this property.

5.0 RECORDS REVIEW

5.1 Standard Environmental Record Sources

A Standard Environmental Records (SER) search was provided by Environmental Data Resources, Inc. (EDR). The SER search involves searching a series of databases for facilities that are located within a specified radius from the subject property. The ASTM standard specifies an approximate minimum search distance from the subject site for each database. Based on our knowledge of the subject property and the surrounding area, ASE attempts to verify and interpret this data. While this attempt at verification is made with due diligence, ASE cannot guarantee the accuracy of the record search beyond that of information provided by EDR. A copy of the information provided by EDR is included in Appendix III. Mapped and unmapped sites identified by EDR that are not addressed below were field verified (to the

extent possible) and not found to be within the approximate minimum search distance and are excluded from this ESA report. ASE makes no warranty regarding the accuracy of the EDR database report information. The following is a list of databases searched and the results obtained by EDR for each database.

National Priorities List (NPL)

The NPL is a subset of CERCLIS and identifies “superfund” sites that have had documented contamination incidents.

The site was not listed on the NPL list. One property located within one mile of the site was identified on the NPL.

- **Camp Lejeune:** Jacksonville, North Carolina – This property is located approximately 4,086 feet east southeast of the site. Due to its location, releases from this property would not be expected to impact the subject site.

Delisted NPL

The Delisted NPL identifies sites previously listed on the NPL where no further response is appropriate.

Neither the site nor properties located within one mile of the site were identified on the Delisted NPL.

Superfund Enterprise Management System (SEMS)

At the start of 2016 the U.S. EPA retired **Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)**, which contained data on potentially hazardous waste sites that have been reported to the U.S. EPA. CERCLIS contained sites that are either proposed to be or are on the National Priorities List and sites that are in the screening and assessment phase for possible inclusion on the NPL. In order stay in line with modern technology the U.S. EPA Created the Superfund Enterprise Management System (SEMS). Information contained within this database represents the same information that was stored within CERCLIS.

Neither the site nor properties located within one-half mile of the site were identified on the SEMS database.

SEMS ARCHIVE

SEMS-ARCHIVE tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-

NFRAP and was renamed to SEMS ARCHIVE by the EPA in 2015. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require federal Superfund action or NPL consideration.

Neither the site nor properties located within one-half mile of the site was identified on the SEMS Archive database.

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers that have been subject to corrective action under RCRA.

The site was not listed on the CORRACTS list. One property located within one mile of the site was identified on the CORRACTS database.

- **Camp Lejeune:** Jacksonville, North Carolina – This property is located approximately 4,086 feet east southeast of the site. Due to its location, releases from this property would not be expected to impact the subject site.

Resource Conservation and Recovery Information System (RCRIS)

RCRIS identifies facilities that generate, transport, treat, store or dispose of hazardous wastes as defined by the Resource Conservation and Recovery Act (RCRA). RCRA-TSD facilities treat, store or dispose of hazardous waste. Transporters are entities that move hazardous waste from the generator to a facility that can recycle, treat, store or dispose of the waste. NonGen are facilities which presently do not generate hazardous waste. They could have historically been listed as a generator. Conditionally exempt small quantity generators generate less than 100 kilograms of hazardous waste, or less than 1 kilogram of acutely hazardous waste, per month. Small quantity generators (SQGs) generate between 100 and 1,000 kilograms of hazardous waste per month. Large quantity generators (LQGs) generate more than 1,000 kilograms of hazardous waste or more than 1 kilogram of acutely hazardous waste per month.

The site was not listed on the RCRIS database. One property located within one-half mile of the site was identified on the RCRA-TSD database.

- **Marlene's Garage,** 305 Blue Creek School Road – This property is located hydraulically upgradient approximately 922 feet west northwest of the site. According to the database, this facility listed its status as a non-generator as of February 2017. Information regarding their historic generation status is not known. ASE conducted a groundwater testing on the western adjoining property for the User in December of 2019 to evaluate for potential impacts from this former RCRA generator. Impacts were not identified in the collected samples. A copy of this report has been included in

Appendix III.

Federal Engineering Controls (EC) List

The Federal EC List identifies engineering controls including various forms of caps, building foundations, liners, and treatment methods used to eliminate pathways for regulated substances to enter environmental media or affect human health.

Engineering controls were not identified for the site.

Federal Institutional Controls (IC) List

The Federal IC List identifies institutional controls including administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants.

Institutional controls were not identified for the site.

Emergency Response Notification System (ERNS)

The ERNS List is a national database that stores and records information on reported releases of hazardous substances, including petroleum products.

The site is not identified on the ERNS List.

State Hazardous Substance Disposal Site (HSDS)

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

Neither the site nor properties located within one mile of the site were identified on the HSDS database.

State Hazardous Waste Sites (SHWS) Inventory

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

The site was not listed on the SHWS list. Two properties located within one mile of the site were identified on the SHWS Inventory.

- **Dodson Exterminators/US Cellular:** 2861 Richlands Highway – This property is located approximately 2,170 feet north northeast of the site. Due to its location, releases from this property would not be expected to impact the subject site.
- **Tommy Pollard Property:** Parcel 901 Intersection of Highway 24 & 53 – This property

is located approximately 3,896 feet west northwest of the site. Due to its location, releases from this property would not be expected to impact the subject site.

Solid Waste Facility (SWF)/Landfill (LF) List

The North Carolina Solid Waste Section maintains a list of permitted solid waste facilities. These facilities may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Neither the site nor the properties located within one-half mile of the site were identified on the landfill database.

Old Landfill Inventory (OLI)

The OLI is maintained by the North Carolina Department of Environmental Quality. The inventory does not include No Further Action sites and other agency lead sites.

Neither the site nor the properties located within one-half mile of the site was identified on the OLI.

Aboveground Storage Tank (AST) Database

The AST Database is a list maintained by the North Carolina Department of Environmental Quality of facilities with ASTs that have a capacity greater than 21,000-gallons.

Neither the site nor properties located within one-quarter mile of the site were identified on the AST database.

Leaking Aboveground Storage Tank (LAST) List

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

Neither the site nor properties located within one-half mile of the site were identified on the LAST database.

Registered Underground Storage Tank (UST) List

The Registered UST List inventories underground storage tanks registered with the North Carolina Department of Environmental Quality, Division of Waste Management. This list does not identify USTs that have not been registered with the North Carolina Department of Environmental Quality, such as home heating oil tanks and other unregulated tanks.

Neither the site nor properties located within one-half mile of the site were identified on the UST database.

Leaking Underground Storage Tank (LUST) List

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

The site was not listed on the LUST list. Eight (8) properties within the one-half mile ASTM search radius were identified on the LUST list by EDR.

- **Blue Creek Elementary:** 1260 Burgaw Highway – This property is located approximately 1,786 feet northwest of the site. A UST located on the property reportedly leaked on August 5, 2013. Incident number: 32880. Groundwater contamination was detected, however, DEQ closed out the incident on January 1, 2018. Institutional controls and a No Further Action letter have been issued. Based on this information, releases from this property would not be expected to impact the subject site.
- **Value Xpress Mart:** 3051 Richlands Highway – This property is located approximately 2,145 feet north of the site. Four USTs located on the property were reportedly removed on February 20, 2002, and one removed on April 30, 1995. These tanks consisted of three 10,000-gallon gasoline tanks and one 2,000-gallon kerosene tank and one 3,918-gallon kerosene tank. The incident occurred on May 18, 1994. Incident number: 13978. Soil and groundwater contamination were detected, however, DEQ closed the incident on December 6, 2002. Due to the distance from the property relative to the site, releases from this property would not be expected to impact the subject site.
- **Whizz Mart 1:** 3034 Richlands Highway – This property is located approximately 2,110 feet north of the site. The incident reportedly occurred on September 29, 2004. Incident number: 32203. Soil contamination was detected and groundwater contamination slightly over 2L standards. The DEQ closed out the incident on April 27, 2006. Institutional controls and a No Further Action letter have been issued. Based on this information, releases from this property would not be expected to impact the subject site.
- **Jacksonville Radio Relay Station:** Highway 258 Near Marapese Lane – This property is located approximately 2,113 feet north of the site. The incident reportedly occurred on October 4, 1995. Incident number: 15405. Minor soil contamination was detected. The DEQ closed the incident on November 29, 2017. Based on this information releases from this property would not be expected to impact the subject site and is not considered to be an REC.

The remaining four (4) LUST properties are located greater than 2,000 feet from the site. Additional information about these listings can be found in the attached EDR report. Based on the distance and/or topographic gradient of the properties relative to the site, these listings are not considered RECs of the site.

Incident Management Database (IMD)

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

The site was not identified on the IMD. Seven (7) properties within one-half mile of the site were identified on the IMD.

- **Tommy Pollard Property:** Intersection of Highway 24 & 53 – This property is located approximately 1,937 feet north northeast of the site. The incident reportedly occurred on July 27, 1995, and has reportedly not been closed. Motor oil, pesticides and solvents were reportedly spilled. Soil contamination was detected. Based on the distance from the site, it is not likely that this release impacted the subject site.
- **Value Xpress Mart:** 3051 Richlands Highway – This property is located approximately 2,145 feet north of the site. Four USTs located on the property were reportedly removed on February 20, 2002, and one removed on April 30, 1995. These tanks consisted of three 10,000-gallon gasoline tanks and one 2,000-gallon kerosene tank and one 3,918-gallon kerosene tank. The incident occurred on May 18, 1994. Incident number: 13978. Soil and groundwater contamination were detected, however, DEQ closed the incident on December 6, 2002. Due to the distance from the property relative to the site, releases from this property would not be expected to impact the subject site.
- **Conoco #33036:** 3051 Richlands Highway – This property is located approximately 2,145 feet north of the site. Samples confirmed that groundwater has been contaminated. No other information has been provided by EDR, Onslow County, or the City of Jacksonville. Due to the distance from the property relative to the site, releases from this property would not be expected to impact the subject site.

The remaining three (3) IMD properties are located greater than 2,300 feet from the site. Additional information about these listings can be found in the attached EDR report. Based on the distance and/or topographic gradient of the properties relative to the site, these listings are not considered RECs of the site.

State Responsible Party Voluntary Action (VCP) Sites

The VCP Sites is a listing of sites that parties wish to remediate voluntarily. The program is administered by the North Carolina Department of Environmental Quality.

Neither the site nor properties located within one-half mile of the site were identified on the VCP database.

State Brownfield Projects Inventory

The State Brownfield Projects Inventory identifies Brownfield projects inventoried with the North Carolina Department of Environmental Quality. The properties in the inventory are working toward a Brownfield agreement for cleanup and liability control.

Neither the site nor properties within one-quarter mile of the site was identified on the Brownfields Inventory.

State IC List

The State IC List identifies No Further Action facilities with land use restrictions monitoring requirements.

The site was not listed on the State IC list. Five (5) properties within one-half mile of the site were identified on the Institutional Controls List.

- **Blue Creek Elementary:** 1260 Burgaw Highway – This property is located approximately 1,786 feet northwest of the site. A leak from a UST located on the property was discovered on August 5, 2013. Incident number: 32880. Groundwater contamination was detected, however, DEQ closed out the incident on January 1, 2018. Institutional controls and a No Further Action letter has been issued. Institutional controls were recorded on the incident. Project Number: WI-7790. Based on this information releases from this property would not be expected to impact the subject site and is not considered to be an REC.
- **Whizz Mart 1:** 3034 Richlands Highway – This property is located approximately 2,110 feet north of the site. The incident reportedly occurred on September 29, 2004. Incident number: 32203. Soil contamination was detected and groundwater contamination slightly over 2L standards. The DEQ closed out the incident on April 27, 2006. Institutional controls and a No Further Action letter have been issued. Based on this information, releases from this property would not be expected to impact the subject site.
- **Value Xpress Mart:** 3051 Richlands Highway – This property is located approximately 2,145 feet north of the site. Four USTs located on the property were reportedly removed on February 20, 2002, and one removed on April 30, 1995. These tanks consisted of three 10,000-gallon gasoline tanks and one 2,000-gallon kerosene tank and one 3,918-gallon kerosene tank. The incident occurred on May 18, 1994. Incident number: 13978. Soil and groundwater contamination was detected, however, DEQ closed the incident on December 6, 2002. Institutional controls were placed on this incident. Project Number: WI-1246. Based on the distance from the site, releases from this property are not expected to impact the subject site.

The remaining two (2) State IC properties are located greater than 2,400 feet from the site. Additional information about these listings can be found in the attached EDR report. Based on

the distance and/or topographic gradient of the properties relative to the site, these listings are not considered RECs of the site.

State EC List

The State of North Carolina currently does not maintain a listing of Engineering Controls.

5.2 Additional Environmental Record Sources

NPL Liens

The NPL Liens is a USEPA listing of filed notices of Superfund Liens.

The site was not identified as an NPL Lien.

US Brownfields

The US Brownfields identifies Brownfield's properties inventoried with the U.S. EPA. The properties in the listing are addressed by Cooperative Agreement Recipients and Targeted Brownfields Assessments.

Neither the site nor properties within one-half mile of the site were identified on the Brownfields Inventory.

Drycleaners

The Drycleaners database identifies potential and known dry-cleaning sites, active and abandoned, that the Dry-cleaning Solvent Cleanup Program has knowledge of and entered into this database.

Neither the site nor property within one-quarter mile of the site were identified on the Drycleaners database.

Historic MGP, Auto Stations, and Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential manufactured gas plants (MGP), gas station/filling station/service station, and dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include manufactured gas plants, gas station/filling station/service station, dry-cleaning establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's

HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns but may not show up in current government records searches.

Neither the site nor properties within one-eighth mile of the site were identified on the HRHR database.

Debris

Solid Waste Active Disaster Debris Sites Listing NCDEQ Division of Waste Management. Solid Waste Section Temporary Disaster Debris Staging Site (TDDSS). Locations which are available to be activated in a disaster or emergency. Disaster Debris Sites can only be used for temporary disaster debris storage if the site's responsible party activates the site for use by notifying the NCDEQ DWM Solid Waste Section staff during an emergency. The subject site was identified on the Debris list.

- **Subject Site:** Blue Creek School Road – The subject site was utilized as a Disaster Debris site in 2018. The use of the site as a disaster debris site is not considered a recognized environmental condition.

Orphan Summary

Orphan sites are listings that due to poor or inadequate address information are unable to be mapped.

The site and nearby properties were not identified on the EDR Orphan sites list.

5.3 NCDEQ File Review

ASE conducted an on-line NCDEQ file review for the following properties. Copies of the reviewed documents have been included in Appendix III:

- **Tommy Pollard Property:** Intersection of Highway 24 & 53 – This property is located approximately 1,939 feet north northeast of the site. The incident reportedly occurred on July 27, 1995, and has reportedly not been closed. Motor oil, pesticides and solvents were reportedly spilled. Soil contamination was detected. Based on the distance from the site, it is not likely that this release impacted the subject site.
- **Marlene's Garage, 305 Blue Creek School Road** – This property is located approximately 922 feet west northwest of the site. This property is listed on the Resource Conservation and Recovery Information System (RCRIS) list which identifies facilities that generate, transport, treat, store or dispose of hazardous wastes as defined by the Resource Conservation and Recovery Act (RCRA). This property had been utilized as an auto garage and as storage for salvage vehicles from at least 1983

to 1999, therefore various leaks and hazardous spills had the potential to occur on the property. According to the NCDEQ file, the facility had a compliance inspection on August 8, 2016, by the NCDENR. According the EDR database, this facility listed its status as a non-generator as of February 2017. Information regarding their historic generation status is not known.

5.4 Historical Use Information

Aerial Photograph Review

ASE has reviewed aerial photographs of the site and immediately surrounding properties for evidence of former usage, which may constitute a potential for environmental concern. The aerial photographs were obtained from EDR. The aerial photographs reviewed during this Phase I ESA were dated 1942, 1956, 1964, 1974, 1983, 1993, 1999, 2006, 2009, 2012 and 2016. Copies of the aerial photographs are included in Appendix IV.

Multiple five-year or more interval data gaps were encountered during the aerial photograph review. ASE does not consider these data gaps to be significant since the site structure has not changed. The following is a description of the historic aerial photographs that ASE reviewed for this Phase I ESA:

- **1942** – The site appears as vacant, cleared land. The surrounding area is heavily covered in trees. Blue Creek School Road has not been constructed.
- **1956** – The site appears to be an agricultural field. A small structure is illustrated on the northern portion of the site. Numerous residential and agricultural structures are depicted north of the site. The adjoining land to the east is also an agricultural field and to the west and south is undeveloped wooded land. It does not appear that Blue Creek School Road has been constructed.
- **1964** – The site and area appear similar to that observed in 1956. However, the site now has frontage along Blue Creek School Road.
- **1974** – The site appears similar to that observed in 1964. The northern adjoining property appears to have been developed into a singlewide housing subdivision. The southern portion of the western adjoining property appears to have been cleared of vegetation.
- **1983** – The site appears similar to that observed in 1974. Property southwest of the adjacent property (agricultural field) appears to have also been developed into a vehicle salvage yard.
- **1993** – The site appears similar to that observed in 1983, with the exception of what appears to be a grid of ditches or rowed crops. The properties south of the site appear to be a residential neighborhood.

- **1999** – The site and adjoining properties appear to be similar to that observed in 1993.
- **2006** – The site appears to be similar to that observed in 1999. However, the rowed crops are no longer visible. The large salvage yard previously depicted west of the site appears to have been revegetated.
- **2009** – The site and adjoining properties appear to be similar to that observed in 2006.
- **2012** – The site and adjoining properties appear to be similar to that observed in 2009.
- **2016** – The site and adjoining properties appear to be similar to that observed in 2012.

Sanborn Fire Insurance Map Review

The Sanborn map collection consists of a uniform series of large-scale maps, dating from 1867 to the 1970's and depicting the commercial, industrial, and residential sections of approximately twelve thousand cities and towns in the United States, Canada, and Mexico. The maps were designed to assist fire insurance agents in determining the degree of hazard associated with a particular property and therefore show the size, shape, and construction of dwellings, commercial buildings, and factories as well as fire walls, locations of windows and doors, sprinkler systems, and types of roofs. The maps also indicate widths and names of streets, property boundaries, building use, and house and block numbers. They show the locations of water mains, giving their dimensions, and of fire alarm boxes and hydrants as well as the locations of underground gasoline tanks and above ground petroleum storage tanks.

Most of the maps' limitations derive from the limited purpose for which they were produced: underwriters have no interest in open space, so no land use information is given for land without buildings; activities which pose no special fire risk are frequently left unmentioned, so that a building may be used in both a commercial and an industrial capacity but be designated for only one or the other; residential subdivisions are rarely mapped because of their homogeneity, with the result that major portions of most urban areas have no coverage.

ASE contacted EDR to provide copies of readily available Sanborn maps for the site. According to the Certified Sanborn Map Report, dated September 7, 2021, provided by EDR, Sanborn map coverage for the site was not available. This property is unmapped. The Certified Sanborn Map Report is included in Appendix IV.

Property Tax Files

The property tax files were obtained from the Onslow County GIS and Tax Assessor website. The site is identified as the following tax parcel owned by East Point Homes, LLC.

- **Parcel Reference Number 332-88.** The approximate 26.5-acre parcel is located on Blue

Creek School Road in Jacksonville, Onslow County, North Carolina. The site consists of the southern approximate 13.2 acres of the parcel. The property is listed as Residential Multi-Family High Density.

Recorded Land Title Records

The land title records were obtained from the Onslow County Register of Deeds website. The following lists the deeds reviewed for the site. A copy of the reviewed documents has been included in Appendix IV.

- Book 78 Page 40
- Book 4747 Pages 545 - 547
- Book 1912 Page 902
- Book 62 Page 64

USGS Topographic Maps

ASE reviewed historical USGS topographical maps of the site and immediately surrounding properties for evidence of former usage, which may constitute a potential for environmental concern. The maps were obtained from EDR and included the Jacksonville, North Carolina Quadrangle dated 1942/1943, 1943/1948, 1952, 1971, 1978, 1988, 1993, 1997, and 2013. Copies of the maps are included in Appendix IV.

Multiple five-year or more interval data gaps were encountered during the map review. The following is a description of the maps that ASE reviewed for this Phase I ESA:

- **1942/1943** – The site appears to be on a relatively flat tract of land. Structures are depicted off of the northeast adjacent property. Blue Creek School Road is depicted along the southern property boundary. An unnamed road is depicted north of the site. Marine Base Headquarters is located south of the site, east of Highway 17.
- **1943/1948** – The site and surrounding properties appear to that observed on the 1942/1943 map.
- **1952** – Contours are depicted on the site indicating the topography of the site is 20 to 25 feet above the National Geodetic Vertical Datum. However, the northern surrounding properties are not depicted on the map.
- **1971** – The site and surrounding properties appear to that observed on the 1952 map.
- **1978** – The site is not depicted on the map; however, Blue Creek Church is now shown west of the site on a nearby property and a trailer park on a northwestern nearby property. To the north of the site, a cemetery is depicted. The southern surrounding properties are not depicted on the map.

- **1988** – The site and southern surrounding properties appear to that observed in 1971, however, the northern surrounding properties are not depicted on the map.
- **1993** – The site appears similar to that observed in 1988. Significant street development south of the site appears to have occurred. The northern surrounding properties are not depicted on the map.
- **1997** – The site appears similar to that observed in 1993. Property south of the site across Blue Creek School Road is now a large housing subdivision. Two structures are now depicted western of the site and numerous structures are shown on the northern adjoining property.
- **2013** – The site and surrounding topography appear to that observed in 1997. However, structures are not depicted in the map.

City Directory Review

City directories for the site area were obtained from EDR. City directories were searched for Blue Creek School Road and Burgaw Highway. EDR identified City Directory coverage for the following years: 1992, 1995, 2000, 2005, 2010 and 2014. The site was not identified in the city directory search. The lack of City Directory coverage is considered a data gap. However, since the site has been undeveloped or agricultural since at least 1942, this data gap is not considered significant. The following listings were identified in the City Directory search:

Blue Creek School Road

Address	Occupant	Dates
147 Blue Creek School Road	North Carolina Tarheel Opry House	2000 – 2017
165 Blue Creek School Road	Residential	2010 – 2017
200 Blue Creek School Road	Caldwell Banker Remax Realty Seacoast	2017
221 Blue Creek School Road	Residential	2005 – 2017

Titus Lane

Address	Occupant	Dates
1239 Titus Lane	Residential	2009 – 2017
1244 Titus Lane	Residential	2005 – 2017
1248 Titus Lane	Residential	2005 – 2017
1255 Titus Lane	Residential	2005 – 2017
1256 Titus Lane	Residential	2000 – 2017
1262 Titus Lane	Residential	2000 – 2017
1267 Titus Lane	Residential	2000 – 2017

315 Titus Lane	Residential	1992 – 1995
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Prior Site Reports

ASE conducted the following sampling on the western adjoining property.

- Letter for Limited Soil Sampling, Springfield Park Apartments, Blue Creek School Road, Jacksonville, North Carolina. ASE conducted soil testing for the presence of herbicides and pesticides on the western adjoining field. The western adjoining property is currently being developed with an apartment complex. However, this property was farmed as the same agricultural field as the subject site. Therefore conditions identified in these soil samples would be indicative of conditions on the subject site.
- A pesticide known as dieldrin was detected in two of the six soil collected. Dieldrin is a pesticide that is also a breakdown product of Aldrin (another pesticide). The concentration of dieldrin in the two samples were slightly higher than the Protection of Groundwater Preliminary Soil Remediation Goals, but well below the residential soil criteria. It is ASE's opinion that the low levels of dieldrin identified in soil samples would be classified as a de minimus condition at the site. A copy of this report has been included in Appendix IV
- Report for Limited Phase II Environmental Site Assessment, Springfield Park Apartments, Blue Creek School Road, Jacksonville, North Carolina. ASE conducted groundwater testing on the western adjoining property for the User in December of 2019 to evaluate for potential impacts from the former operations at Marlene's Garage and the former auto salvage west of the site. Impacts were not identified in the collected samples. A copy of this report has been included in Appendix IV

Local Sources and FOIA Requests

ASE has contacted the Jacksonville Fire Department and spoke with Brian Kelly. He is now working for the Southwest Volunteer Fire Department and stated that he has no records of any responses from this property.

ASE received an email from Jennifer Shepard, Environmental Health Permitting Technician with the Onslow County Health Department, and there are no environmental health records in their database. This email is attached in Appendix VI.

6.0 SITE AND AREA RECONNAISSANCE

6.1 On-Site Features

Mr. Daniel J. Schiwingler of ASE conducted the field reconnaissance of the site on November 16, 2021. The weather on the day of the reconnaissance was sunny with a temperature of approximately 45° F. Observations were made from a walking reconnaissance around the perimeter boundaries and through the site.

The site consists of approximately 13.2 acres of vacant land. Structures are not present on the site. The site has frontage on Blue Creek School Road to the southwest and is currently zoned Residential Multi-Family High Density. Three sewer connections were observed along the western side of the site near Blue Creek School Road. Also, one water connection was observed along the southeastern section of the site. Photographs of the site have been included in Appendix V.

Aboveground Storage Tanks

Aboveground storage tanks were not observed on the site.

Underground Storage Tanks

Indications of underground storage tanks such as fill, or vent pipes were not observed on the day of the site reconnaissance.

Strong, pungent or noxious odors

Strong, pungent or noxious odors were not observed at the site.

Surface waters

A pond was observed at the site on the northeast portion of the property. No environmentally sensitivities were observed.

Standing pools of liquid likely containing petroleum or hazardous substances

Standing pools of liquid likely containing petroleum or hazardous substances were not observed on the site.

Drums or containers of petroleum or hazardous substances greater than five-gallons

Drums or containers of petroleum or hazardous substances greater than five gallons were not observed on the site.

Hazardous substance or petroleum product containers

Hazardous substance or petroleum product containers were not observed on the site.

Unidentified opened or damaged containers of hazardous substances or petroleum products

Unidentified opened or damaged containers were not observed on the day of the site visit.

Known or suspect PCB-containing equipment (excluding light ballasts)

Known or suspect PCB-containing equipment was not observed on the site. However, one pole mounted transformer was observed along Blue Creek School Road. Releases from the unit were not observed.

Stains or corrosion to floors, walls or ceilings

Stains or corrosion to floors, walls or ceiling were not observed on the site. Structures are not present on the site.

Floor drains and sump pump

Floor drains and sump pumps were not observed on the site. Structures are not present on the site.

Pits, ponds or lagoons

A pond was observed at the site on the northeast portion of the property. No environmentally sensitivities were observed.

Stained soil or pavement

Stained soil and/or pavement was not observed on the site.

Stressed vegetation

Stressed vegetation was not observed on the site.

Solid waste mounds or non-natural fill materials

An approximate 100 square-foot pile of wood was observed on the northern section of the site. This is likely a scrap pile from the new construction on the northern adjoining property. This pile is not considered a REC.

Wastewater discharges into drains, ditches or streams

Wastewater discharges into drains, ditches, or streams were not observed on the day of the site visit.

Groundwater wells including potable, monitoring, dry, irrigation, injection and/or abandoned

Groundwater wells including potable, monitoring, dry, irrigation, injection and/or abandoned were not observed on the site.

Septic systems or cesspools

Septic systems or cesspools were not observed on the site on the day of the site visit.

6.2 Adjoining and Nearby Properties

Contiguous and nearby properties were observed during a walking and vehicular reconnaissance of the property boundary and public places. Vacant land and residential properties are located north and east of the site. A soccer park and residential property are located south of the site across Blue Creek School Road. Property west of the site is being developed as an apartment complex. Property further west of the site are residential properties and what appears to be two properties associated with automobile repair and or service and salvage. West across Blue Creek School Road is a strip industrial/commercial building occupied by numerous businesses.

7.0 ADDITIONAL SERVICES

ASTM guidelines identify non-scope issues, which are beyond the scope of this practice. Some of these non-scope issues include asbestos-containing building materials, radon, lead-based paint, lead in drinking water, wetlands and mold. These non-scope issues were not addressed in this report.

8.0 INTERVIEWS

ASE interviewed Mr. McCloskey has completed the User Questionnaire of this report.

ASE has spoken with Jeremy Smith of the Jacksonville Permit, Planning, and Zoning on the zoning of the site.

9.0 FINDINGS AND OPINION

The site consists of Onslow County Parcel ID number 332-88 and is owned by East Point Homes, LLC. The site encompasses approximately 13.2 acres of a 26.5-acre tax parcel. The

site is currently vacant land zoned as Residential Multi-Family High Density. The parcel is located on Blue Creek School Road in Onslow County, North Carolina. The site is within the Jacksonville City Extraterritorial Jurisdictional (ETJ) and has frontage along Blue Creek School Road to the south.

The site is located in a mixed use area of the county. Agricultural, commercial and residential properties surround the site.

The site and the western adjoining property appear to have been initially developed as agricultural property some time prior to 1942. Pesticides and herbicides have likely been used on the site. However, the application of these material in accordance with the manufacturers approved application rates is not considered a REC.

The surrounding site area was primarily wooded and agricultural in 1950's. However, the area began becoming heavily residentially and commercially developed in the late 1980's. Marlene's Garage began operating southwest of the site sometime between 1983 and 2007. After the closing of Marlene's Garage, the property was occupied by various commercial businesses. Property west of the site, west of the adjoining property being developed with an apartment building appears to have been an auto salvage yard in the 1980s and 1990's.

The Standard Environmental Records (SER) search was prepared by Environmental Data Resources, Inc. (EDR). The search identified the site in the standard environmental records on the Debris List. The use of the site for temporary storage and processing of hurricane vegetation debris is not considered an REC.

EDR identified twenty (20) properties within their respective search distances from the site. Based on the distance from the site, topographic gradient, and/or regulatory information, one (1) of the surrounding listings was considered to be a potential REC.

- **Marlene's Garage**, 305 Blue Creek School Road – However, groundwater sampling from 2019 on the western adjoining property did not identify the presence of impacts. The purpose of this sampling was to determine if operations at Marlene's Garage and the western former auto salvage yard had impacted the groundwater on the western adjoining property. Former operations on these properties are not considered RECs based on the sampling data.

Several data gaps were identified during the course of this investigation. However, based on the other information gathered as part of this investigation, ASE does not identify these data gap as significant.

10.0 CONCLUSION

We have performed a Phase I Environmental Assessment in conformance with the scope and limitations of ASTM Practice E1527 of the approximate 13.2-acre property located on Blue Creek School Road in Onslow County, North Carolina (delineated on Figure 2). Any exception to, or deletions from, this practice are described in Section 2.3 of this report.

As documented and qualified by this report, this assessment has not revealed evidence of potential RECs in connection with the property.

11.0 REFERENCES

ASTM Standard E1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

Certified Sanborn Map Report, prepared by Environmental Data Resources, Inc. dated September 7, 2021.

The EDR Aerial Photo Decade Package (years 1942, 1956, 1964, 1974, 1983, 1993, 1999, 2006, 2009, 2012, 2016) prepared by Environmental Data Resources, Inc., dated September 8, 2021.

The EDR City Directory Image Report (years 1992, 1995, 2000, 2005, 2010, 2014, 2017) prepared by Environmental Data Resources, Inc., dated September 10, 2021.

EDR Historical Topo Map Report (Jacksonville, North Carolina Quadrangle dated 1943/1948, 1952, 1971, 1978, 1988, 1993, 1997, 2013 prepared by Environmental Data Resources, Inc. dated September 7, 2021.

The EDR Radius Map Report with Geocode, prepared by Environmental Data Resources, Inc. dated September 7, 2021.

FEMA, FIRM Map Community Panel No. 3720435600J dated November 3, 2005.
<http://www.fema.gov/hazard/map/flood.shtm>

Onslow County On-line Tax Information
<https://property.onslowcountync.gov/pt/search/commonsearch.aspx?mode=owner>

Onslow County Registry of Deeds.
<https://deeds.onslowcountync.gov/External/LandRecords/protected/v4/SrchName.aspx>

Physiography of North Carolina, compiled by the North Carolina Geological Society, dated 2004.

NCDEQ Records Review: Value Xpress Mart, Tommy Pollard, and Marlene's Garage

APPENDIX I

FIGURES

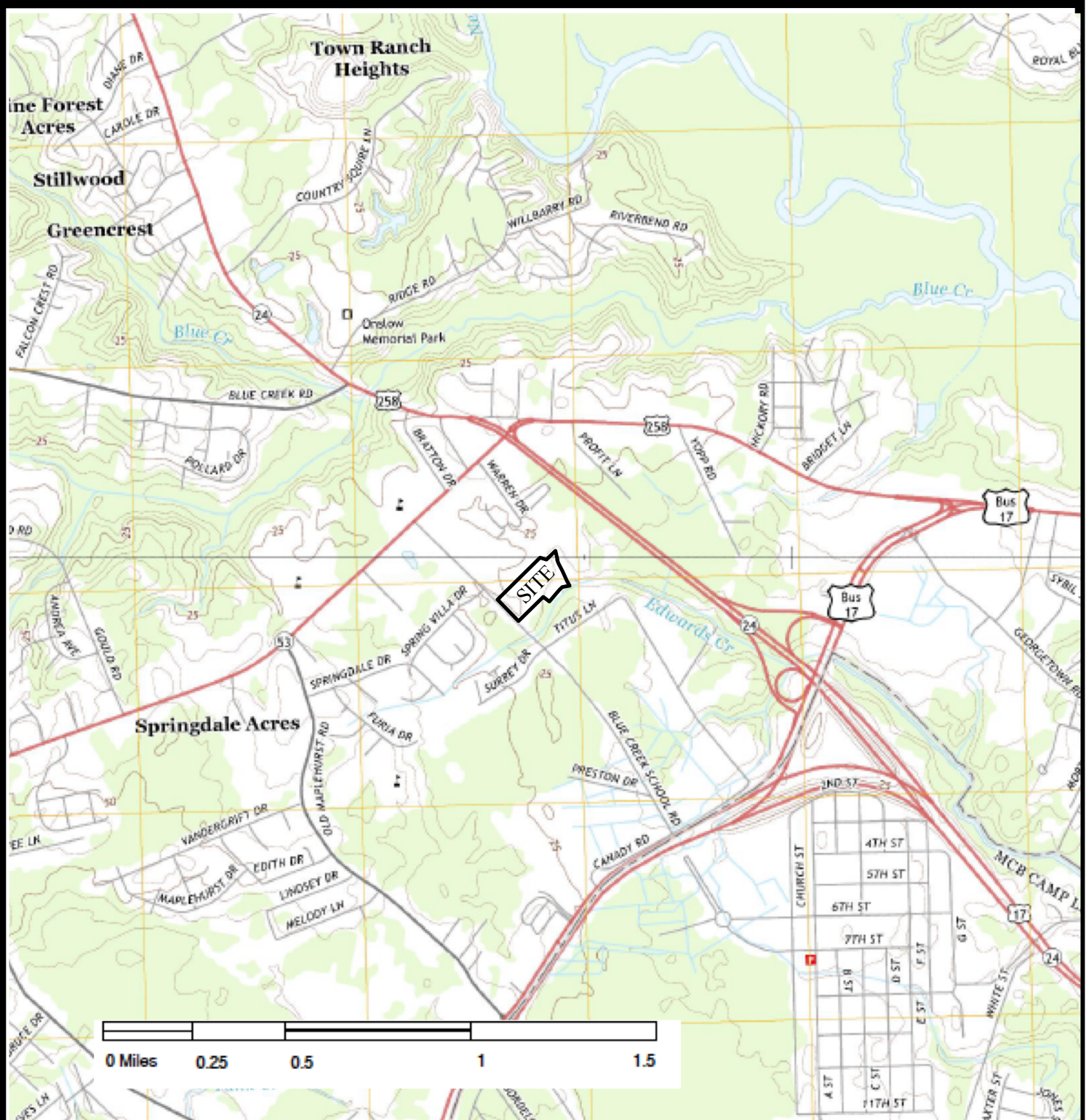


FIGURE 1: TOPOGRAPHIC MAP

Source: USGS Jacksonville South, North Carolina Quadrangle, 2013.



Phase I Environmental Site Assessment
Blue Creek School Road
Onslow County, North Carolina



ASE Project No. 1516
November 2021

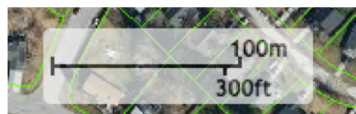


FIGURE 2: AERIAL MAP

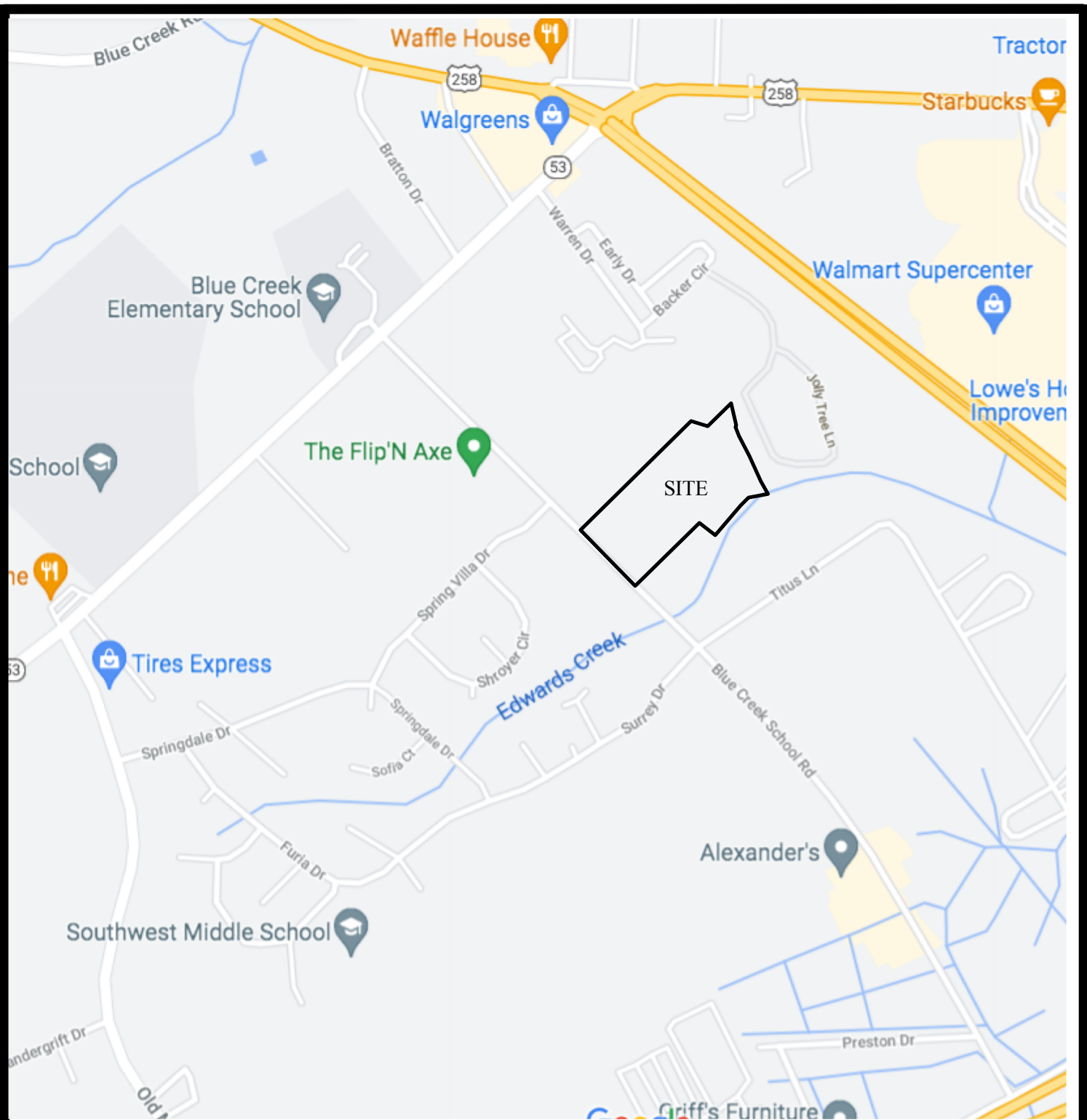
Source: Onslow County GIS 2020 Aerial



Phase I Environmental Site Assessment
Blue Creek School Road
Onslow County, North Carolina



ASE Project No. 1516
November 2021



Not to Scale

FIGURE 3: STREET MAP

Source: Google Maps



**Phase I Environmental Site Assessment
Blue Creek School Road
Onslow County, North Carolina**



**ASE Project No. 1516
November 2021**

APPENDIX II

USER PROVIDED INFORMATION

August 17, 2021

ASTM E 1527-013 USER QUESTIONNAIRE

In order to qualify for one of the *Landowner Liability Protections (LLPs)*¹ offered by the Small Business Liability Relief and Brownfield Revitalization Act of 2001 (the "*Brownfield Amendments*"), the *user* (user of report) must provide the following information (if available) to the *environmental professional*. Failure to provide this information could result in determination that "*all appropriate inquiry*" is not complete.

1. Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25).

Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?

No

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

Are you aware of any AULs such as *engineering controls*, land use restrictions or *institutional controls* that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

No

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

As the *user* of this ESA do you have any specialized knowledge or experience relating to the *property* or nearby properties? For example, are you involved in the same line of businesses the current or former *occupants* of the *property* or an adjoining *property* so that you would have specialized knowledge of the chemicals and process used by this type of business?

No

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

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

Yes

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

Are you aware of commonly or reasonably ascertainable information about the *property* that would help the *environmental professional* to identify conditions indicative of releases or threatened releases? For example, as a user,

a. Do you know the past uses of the *property*?

Agriculture

¹ *Landowner Liability Protection*, or *LLPs*, is the term used to describe three types of potential defenses to Superfund liability in EPA's *Interim, Guidance Regarding Criteria Landowners Must Meet in Order to Qualify for Bona Fide Prospective Purchaser, Contiguous Property Owner, or Innocent Landowner Limitations on CERCLA Liability* ("Common Elements" Guide) issued March 6, 2003.

gm

August 17, 2021

- b. Do you know of specific chemicals that are present or once present at the *property*?

No

- c. Do you know of spills or other chemical releases that have taken place on the *property*?

No

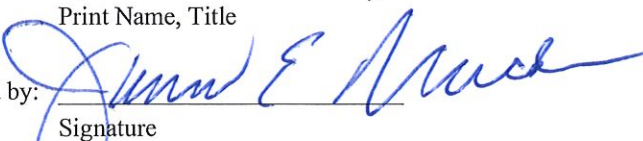
- d. Do you know of any environmental cleanups that have taken place on the *property*?

No

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

As the *user* of this *ESA*, based on your knowledge and experience related to the *property* are there any *obvious* indicators that point to the presence or likely presence of contamination at the *property*?

Prepared by: James E. Maides, member
Print Name, Title

Prepared by: 
Signature

Date: 8/26/2021

gm

APPENDIX III
REGULATORY REVIEW DOCUMENTS

Blue Creek School Road

Blue Creek School Road
Jacksonville, NC 28540

Inquiry Number: 6650914.2s
September 07, 2021

The EDR Radius Map™ Report with GeoCheck®



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

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with any questions or comments.

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

BLUE CREEK SCHOOL ROAD
JACKSONVILLE, NC 28540

COORDINATES

Latitude (North):	34.7487540 - 34° 44' 55.51"
Longitude (West):	77.4709570 - 77° 28' 15.44"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	273804.1
UTM Y (Meters):	3847765.8
Elevation:	22 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5946099 JACKSONVILLE SOUTH, NC
Version Date:	2013
Northeast Map:	5945695 JACKSONVILLE NORTH, NC
Version Date:	2013

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140706
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
BLUE CREEK SCHOOL ROAD
JACKSONVILLE, NC 28540

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	BLUE CREEK TDDSS	BLUE CREEK SCHOOL RD	DEBRIS		TP
Reg	MARINE CORPS BASE CA	977 MICHAEL RD	NPL, SEMS, CORRACTS, RCRA-TSDF, RCRA-LQG, US ENG..	Same	4086, 0.774, SSE
2	MARLENE'S GARAGE	305 BLUE CREEK SCHOO	RCRA NonGen / NLR	Higher	922, 0.175, WNW
3	JOHN T. LAYTON	END CANADY ROAD	LCID	Lower	1020, 0.193, ESE
4	BLUE CREEK ELEMENTAR	1260 BURGAW HIGHWAY	LUST, INST CONTROL	Higher	1786, 0.338, NW
A5	TOMMY POLLARD PROPER	INTERSECTION OF HWY.	IMD	Higher	1939, 0.367, North
6	WHIZZ MART 1	3034 RICHLANDS HWY.	LUST, INST CONTROL	Higher	2110, 0.400, North
A7	JACKSONVILLE RADIO R	HWY 258 NEAR MARAPES	LUST	Higher	2113, 0.400, North
B8	VALUE XPRESS MART	3051 RICHLANDS HWY	LUST, UST, INST CONTROL, IMD	Higher	2145, 0.406, NNW
B9	CONOCO # 33036	3051 RICHLANDS HWY.	IMD	Higher	2145, 0.406, NNW
C10	DODSON EXTERMINATORS	2861 RICHLANDS HWY	SHWS	Higher	2168, 0.411, NE
11	HOWARDS WASHERETTE	HIGHWAY 17 AND NCSR	IMD	Higher	2360, 0.447, SSE
C12	EMRO SERVICE STATION	2840 RICHLAND HWY.	LUST, LUST TRUST, INST CONTROL, IMD	Higher	2420, 0.458, NE
C13	RICHLANDS HWY-2840,	2840 RICHLANDS HWY	LUST	Higher	2420, 0.458, NE
D14	GOODSON BROS. 258 TR	HWY 258/24 & YOPP RD	LUST, INST CONTROL	Higher	2534, 0.480, NE
D15	K & M SHELL	HWY 258 & NC 24	LUST, IMD	Higher	2563, 0.485, NE
D16	GOODSON BROS. 258 TR	PO BOX 1120	IMD	Higher	2566, 0.486, NE
17	TOMMY POLLARD PROPER	INTERSECTION OF HWY.	SHWS	Lower	3897, 0.738, NW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
BLUE CREEK TDDSS BLUE CREEK SCHOOL RD JACKSONVILLE, NC	DEBRIS	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

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

Federal CERCLIS NFRAP site list

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

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-VSQG..... RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System

EXECUTIVE SUMMARY

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROLS..... Institutional Controls Sites List

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

NC HSDS..... Hazardous Substance Disposal Site

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

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

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing
UST..... Petroleum Underground Storage Tank Database
AST..... AST Database
INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

VCP..... Responsible Party Voluntary Action Sites
INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields Projects Inventory

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY..... Recycling Center Listing
HIST LF..... Solid Waste Facility Listing
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
ODI..... Open Dump Inventory
IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

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

EXECUTIVE SUMMARY

US CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

SPILLS..... Spills Incident Listing

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

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

Other Ascertainable Records

FUDS..... Formerly Used Defense Sites

DOD..... Department of Defense Sites

SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing

US FIN ASSUR..... Financial Assurance Information

EPA WATCH LIST..... EPA WATCH LIST

2020 COR ACTION..... 2020 Corrective Action Program List

TSCA..... Toxic Substances Control Act

TRIS..... Toxic Chemical Release Inventory System

SSTS..... Section 7 Tracking Systems

RMP..... Risk Management Plans

RAATS..... RCRA Administrative Action Tracking System

PRP..... Potentially Responsible Parties

PADS..... PCB Activity Database System

ICIS..... Integrated Compliance Information System

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

MLTS..... Material Licensing Tracking System

COAL ASH DOE..... Steam-Electric Plant Operation Data

COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List

PCB TRANSFORMER..... PCB Transformer Registration Database

RADINFO..... Radiation Information Database

HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing

DOT OPS..... Incident and Accident Data

CONSENT..... Superfund (CERCLA) Consent Decrees

INDIAN RESERV..... Indian Reservations

FUSRAP..... Formerly Utilized Sites Remedial Action Program

UMTRA..... Uranium Mill Tailings Sites

LEAD SMELTERS..... Lead Smelter Sites

US AIRS..... Aerometric Information Retrieval System Facility Subsystem

US MINES..... Mines Master Index File

ABANDONED MINES..... Abandoned Mines

FINDS..... Facility Index System/Facility Registry System

ECHO..... Enforcement & Compliance History Information

UXO..... Unexploded Ordnance Sites

DOCKET HWC..... Hazardous Waste Compliance Docket Listing

FUELS PROGRAM..... EPA Fuels Program Registered Listing

AIRS..... Air Quality Permit Listing

ASBESTOS..... ASBESTOS

COAL ASH..... Coal Ash Disposal Sites

DRYCLEANERS..... Drycleaning Sites

EXECUTIVE SUMMARY

Financial Assurance.....	Financial Assurance Information Listing
NPDES.....	NPDES Facility Location Listing
UIC.....	Underground Injection Wells Listing
AOP.....	Animal Operation Permits Listing
MINES MRDS.....	Mineral Resources Data System
PCSRP.....	Petroleum-Contaminated Soil Remediation Permits
CCB.....	Coal Ash Structural Fills (CCB) Listing
SEPT HAULERS.....	Permitted Septage Haulers Listing

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto.....	EDR Exclusive Historical Auto Stations
EDR Hist Cleaner.....	EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 07/29/2021 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>MARINE CORPS BASE CA</i>	<i>977 MICHAEL RD</i>	<i>SSE 1/2 - 1 (0.774 mi.)</i>	<i>0</i>	<i>8</i>

EXECUTIVE SUMMARY

Cerclis ID:: 403185
EPA Id: NC6170022580

Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 03/22/2021 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MARINE CORPS BASE CA EPA ID:: NC6170022580	977 MICHAEL RD	SSE 1/2 - 1 (0.774 mi.)	0	8

State- and tribal - equivalent CERCLIS

SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environment & Natural Resources' Inactive Hazardous Sites Program.

A review of the SHWS list, as provided by EDR, and dated 05/12/2021 has revealed that there are 2 SHWS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DODSON EXTERMINATORS Facility Id: NONCD0002624	2861 RICHLANDS HWY	NE 1/4 - 1/2 (0.411 mi.)	C10	405
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TOMMY POLLARD PROPER Facility Id: NONCD0002608	INTERSECTION OF HWY.	NW 1/2 - 1 (0.738 mi.)	17	422

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

LCID: A list all of the Land-Clearing and Inert Debris (LCID) Landfill Notification facilities (under 2 acres in size) in North Carolina.

A review of the LCID list, as provided by EDR, and dated 04/30/2020 has revealed that there is 1 LCID site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JOHN T. LAYTON	END CANADY ROAD	ESE 1/8 - 1/4 (0.193 mi.)	3	387

EXECUTIVE SUMMARY

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incidents Management Database contains an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environment, & Natural Resources' Incidents by Address.

A review of the LUST list, as provided by EDR, and dated 04/30/2021 has revealed that there are 8 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BLUE CREEK ELEMENTAR Incident Phase: Closed Out Product Type: PETROLEUM Incident Number: 32880 Current Status: File Located in Archives	1260 BURGAW HIGHWAY	NW 1/4 - 1/2 (0.338 mi.)	4	388
WHIZZ MART 1 Incident Phase: Closed Out Product Type: PETROLEUM Incident Number: 32203 Current Status: File Located in Archives	3034 RICHLANDS HWY.	N 1/4 - 1/2 (0.400 mi.)	6	391
JACKSONVILLE RADIO R Incident Phase: Closed Out Product Type: PETROLEUM Incident Number: 15405 Current Status: File Located in House	HWY 258 NEAR MARAPES	N 1/4 - 1/2 (0.400 mi.)	A7	394
VALUE XPRESS MART Incident Phase: Closed Out Product Type: PETROLEUM Incident Number: 13978 Incident Number: 24256 Current Status: File Located in Archives	3051 RICHLANDS HWY	NNW 1/4 - 1/2 (0.406 mi.)	B8	395
EMRO SERVICE STATION Incident Phase: Closed Out Product Type: PETROLEUM Incident Number: 5643 Incident Number: 7084 Current Status: File Located in Archives Current Status: File Located in House	2840 RICHLAND HWY.	NE 1/4 - 1/2 (0.458 mi.)	C12	406
RICHLANDS HWY-2840, Incident Phase: Closed Out Product Type: PETROLEUM Incident Number: 43065 Current Status: File Located in Archives	2840 RICHLANDS HWY	NE 1/4 - 1/2 (0.458 mi.)	C13	412
GOODSON BROS. 258 TR Incident Phase: Closed Out Product Type: PETROLEUM Incident Number: 11711 Current Status: File Located in Archives	HWY 258/24 & YOPP RD	NE 1/4 - 1/2 (0.480 mi.)	D14	414
K & M SHELL Incident Phase: Closed Out Product Type: PETROLEUM Incident Number: 19685	HWY 258 & NC 24	NE 1/4 - 1/2 (0.485 mi.)	D15	417

EXECUTIVE SUMMARY

Current Status: File Located in Archives

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

A review of the LUST TRUST list, as provided by EDR, and dated 04/02/2021 has revealed that there is 1 LUST TRUST site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
EMRO SERVICE STATION Facility Id: 0-020630 Site ID: 7084	2840 RICHLAND HWY.	NE 1/4 - 1/2 (0.458 mi.)	C12	406

State and tribal institutional control / engineering control registries

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

A review of the INST CONTROL list, as provided by EDR, and dated 09/04/2020 has revealed that there are 5 INST CONTROL sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BLUE CREEK ELEMENTAR	1260 BURGAW HIGHWAY	NW 1/4 - 1/2 (0.338 mi.)	4	388
WHIZZ MART 1	3034 RICHLANDS HWY.	N 1/4 - 1/2 (0.400 mi.)	6	391
VALUE XPRESS MART	3051 RICHLANDS HWY	NNW 1/4 - 1/2 (0.406 mi.)	B8	395
EMRO SERVICE STATION	2840 RICHLAND HWY.	NE 1/4 - 1/2 (0.458 mi.)	C12	406
GOODSON BROS. 258 TR	HWY 258/24 & YOPP RD	NE 1/4 - 1/2 (0.480 mi.)	D14	414

ADDITIONAL ENVIRONMENTAL RECORDS

Records of Emergency Release Reports

IMD: Incident Management Database.

A review of the IMD list, as provided by EDR, and dated 07/30/2021 has revealed that there are 7 IMD sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TOMMY POLLARD PROPER Facility Id: 14342	INTERSECTION OF HWY.	N 1/4 - 1/2 (0.367 mi.)	A5	390
VALUE XPRESS MART Facility Id: 24256	3051 RICHLANDS HWY	NNW 1/4 - 1/2 (0.406 mi.)	B8	395
CONOCO # 33036 Facility Id: 13978	3051 RICHLANDS HWY.	NNW 1/4 - 1/2 (0.406 mi.)	B9	403
HOWARDS WASHERETTE Facility Id: 7290	HIGHWAY 17 AND NCSR	SSE 1/4 - 1/2 (0.447 mi.)	11	405
EMRO SERVICE STATION	2840 RICHLAND HWY.	NE 1/4 - 1/2 (0.458 mi.)	C12	406

EXECUTIVE SUMMARY

Facility Id: 7084

K & M SHELL

Facility Id: 19685

GOODSON BROS. 258 TR

Facility Id: 11711

HWY 258 & NC 24

PO BOX 1120

NE 1/4 - 1/2 (0.485 mi.)

NE 1/4 - 1/2 (0.486 mi.)

D15

D16

417

420

Other Ascertainable Records

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/22/2021 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MARLENE'S GARAGE EPA ID:: NCS000001025	305 BLUE CREEK SCHOO	WNW 1/8 - 1/4 (0.175 mi.)	2	383

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

A review of the ROD list, as provided by EDR, and dated 07/29/2021 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MARINE CORPS BASE CA EPA ID:: NC6170022580	977 MICHAEL RD	SSE 1/2 - 1 (0.774 mi.)	0	8

EXECUTIVE SUMMARY

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

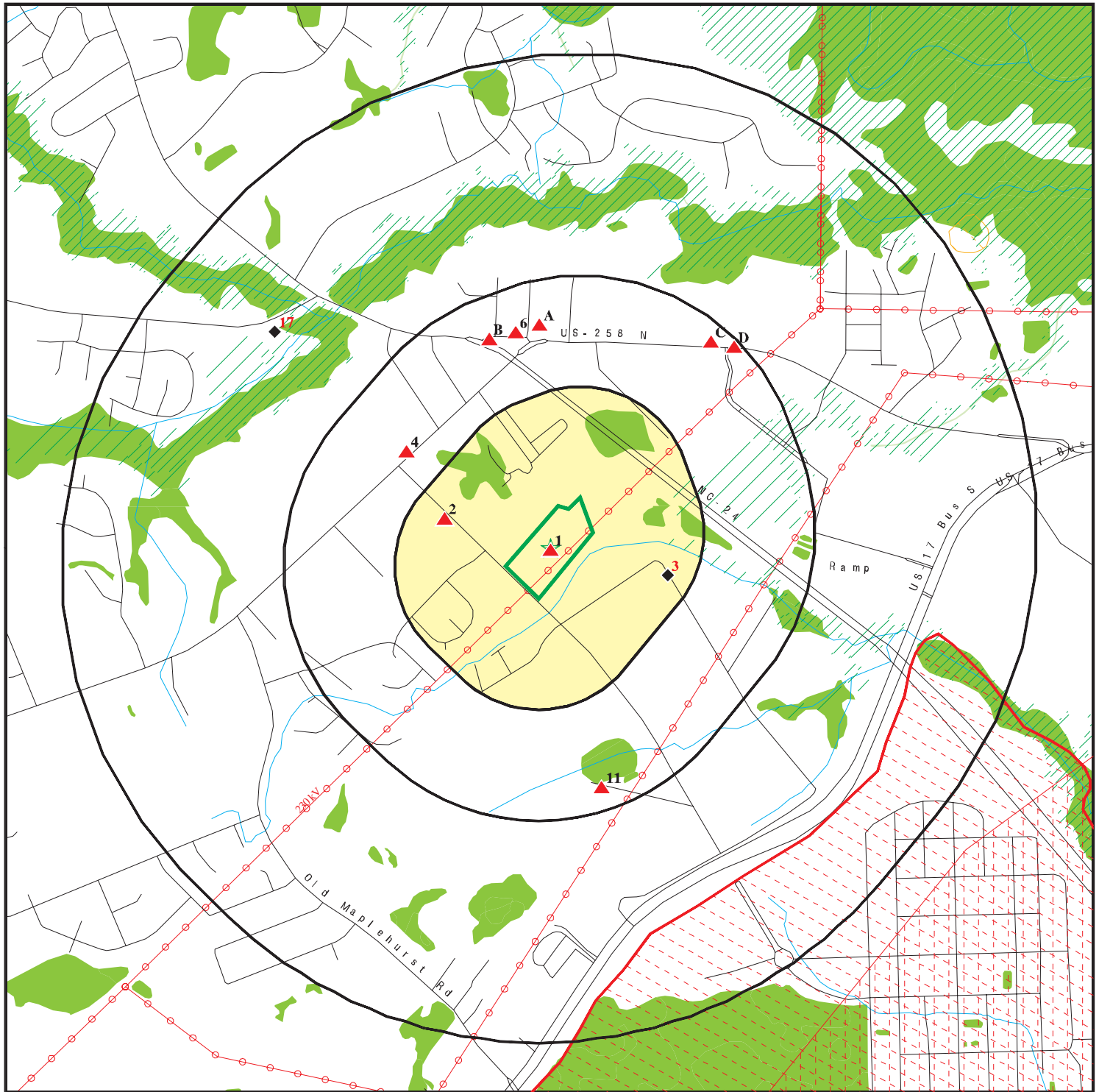
Site Name

BLUE CREEK WWTP

Database(s)

SPILLS

OVERVIEW MAP - 6650914.2S



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

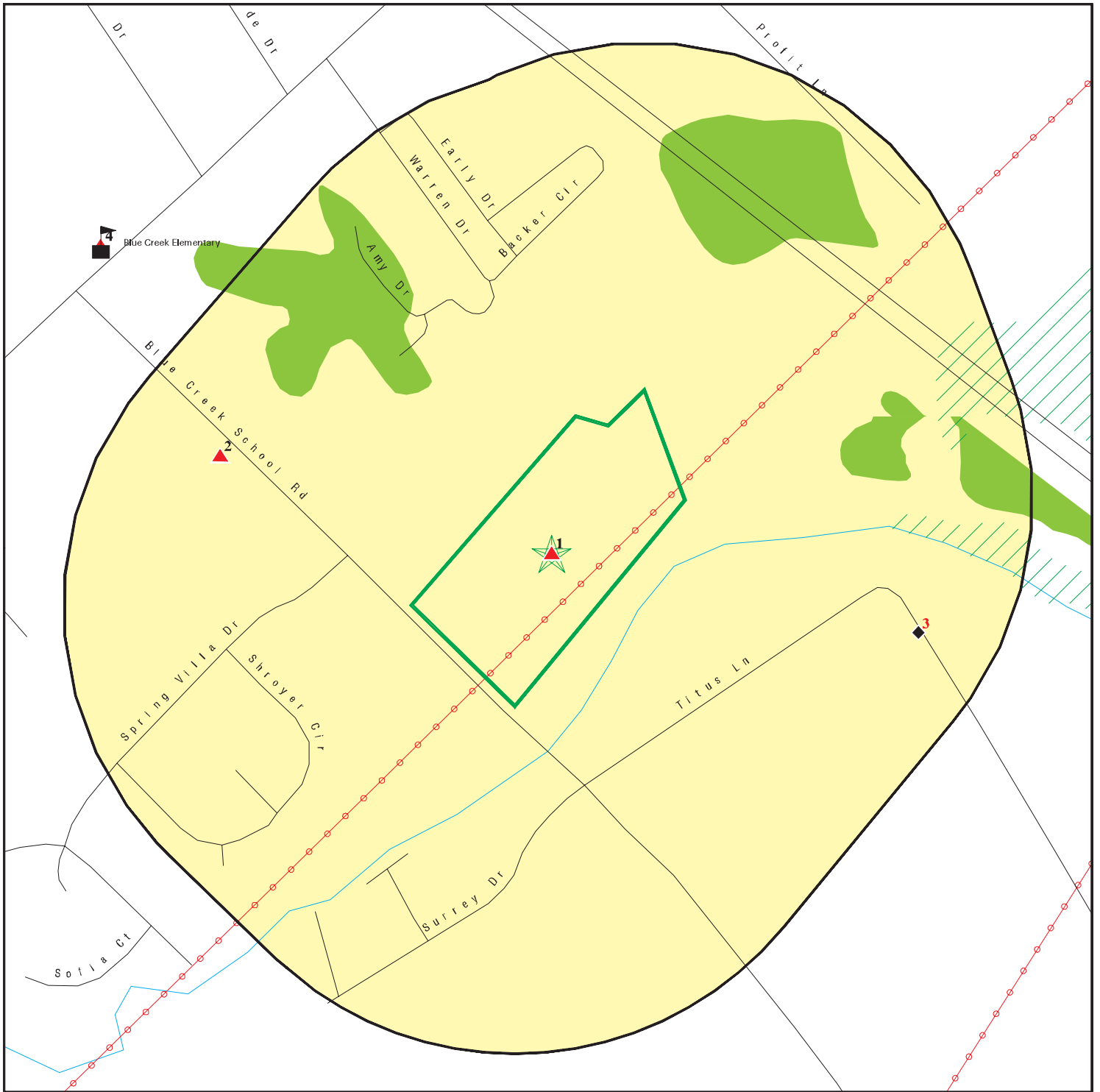
Hazardous Substance Disposal Sites








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: Blue Creek School Road
ADDRESS: Blue Creek School Road
Jacksonville NC 28540
LAT/LONG: 34.748754 / 77.470957








CLIENT: Atlantic Shores Environmental
CONTACT: Cheryl Moody
INQUIRY #: 6650914.2s
DATE: September 07, 2021 2:40 pm

DETAIL MAP - 6650914.2S



-  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

0 1/16 1/8 1/4 Miles

-  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: Blue Creek School Road
 ADDRESS: Blue Creek School Road
 Jacksonville NC 28540
 LAT/LONG: 34.748754 / 77.470957

CLIENT: Atlantic Shores Environmental
 CONTACT: Cheryl Moody
 INQUIRY #: 6650914.2s
 DATE: September 07, 2021 2:42 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	1	NR	1
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	1	NR	1
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<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>State- and tribal - equivalent NPL</i>								
NC HSDS	1.000		0	0	0	0	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS	1.000		0	0	1	1	NR	2
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
OLI	0.500		0	0	0	NR	NR	0
DEBRIS	0.500	1	0	0	0	NR	NR	1
LCID	0.500		0	1	0	NR	NR	1

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
State and tribal leaking storage tank lists								
LAST	0.500		0	0	0	NR	NR	0
LUST	0.500		0	0	8	NR	NR	8
INDIAN LUST	0.500		0	0	0	NR	NR	0
LUST TRUST	0.500		0	0	1	NR	NR	1
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
INST CONTROL	0.500		0	0	5	NR	NR	5
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
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
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
IMD	0.500		0	0	7	NR	NR	7

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 90	TP		NR	NR	NR	NR	NR	0
SPILLS 80	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	1	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	1	NR	1
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
ECHO	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
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
ASBESTOS	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
AOP	TP		NR	NR	NR	NR	NR	0
MINES MRDS	TP		NR	NR	NR	NR	NR	0
PCSRP	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
CCB	0.500		0	0	0	NR	NR	0
SEPT HAULERS	TP		NR	NR	NR	NR	NR	0
<u>EDR HIGH RISK HISTORICAL RECORDS</u>								
<i>EDR Exclusive Records</i>								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
<u>EDR RECOVERED GOVERNMENT ARCHIVES</u>								
<i>Exclusive Recovered Govt. Archives</i>								
RGA HWS	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	0	2	22	4	0	29

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1
Target
Property
BLUE CREEK TDDSS
BLUE CREEK SCHOOL RD SE OF INTSCT WITH NC HWY 53
JACKSONVILLE, NC

DEBRIS **S123207178**
N/A

Actual:
22 ft.

DEBRIS:
DS Number: DS67-079
Name: BLUE CREEK TDDSS
Address: BLUE CREEK SCHOOL RD SE OF INTSCT WITH NC HWY 53
City,State,Zip: JACKSONVILLE, NC
Size of Site: 16 Acres
Type of Debris: Not reported
Contact: James Maides
Contact Phone: 910-938-5900
Second Contact: Not reported
Second Contact Phone: Not reported
Confirm Year: 2018
Status: Not Active
Latitude: 34.7490806
Longitude: -77.4716528

NPL
Region
SSE
1/2-1
4086 ft.
MARINE CORPS BASE CAMP LEJEUNE
977 MICHAEL RD
CAMP LEJEUNE, NC 28547

NPL **1000165655**
SEMS **NC6170022580**
CORRACTS
RCRA-TSDF
RCRA-LQG
US ENG CONTROLS
US INST CONTROLS
LAST
IMD
2020 COR ACTION
ROD
PRP
ICIS
FINDS
ECHO

NPL:
EPA Region: 4
EPA ID: NC6170022580
Site ID: 403185
Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
City,State,Zip: ONSLOW COUNTY, NC 28542
Federal: Y
Final Date: 1989-10-04 00:00:00
Latitude: 34.717781
Longitude: -77.342919
Site Score: 33.130000000000003
NAI: Not reported
Native American Entity: Not reported

NPL:
NPL Status: Currently on the Final NPL
Substance ID: Not reported
CAS Number: Not reported
Substance: Not reported
Pathway: Not reported
Scoring: Not reported

NPL Status: Currently on the Final NPL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Substance ID: A023
CAS Number: 72-55-9
Substance: DDE
Pathway: GROUND WATER PATHWAY
Scoring: 3

NPL Status: Currently on the Final NPL
Substance ID: P004
CAS Number: 309-00-2
Substance: ALDRIN
Pathway: GROUND WATER PATHWAY
Scoring: 3

NPL Status: Currently on the Final NPL
Substance ID: P059
CAS Number: 76-44-8
Substance: HEPTACHLOR
Pathway: GROUND WATER PATHWAY
Scoring: 3

NPL Status: Currently on the Final NPL
Substance ID: U060
CAS Number: 72-54-8
Substance: DDD
Pathway: GROUND WATER PATHWAY
Scoring: 3

NPL Status: Currently on the Final NPL
Substance ID: U061
CAS Number: 50-29-3
Substance: DDT
Pathway: GROUND WATER PATHWAY
Scoring: 3

Summary Details:

Conditions at proposal June 24, 1988): Camp Lejeune Military Reservation, established in 1941, covers 170 square miles in Onslow County, North Carolina. The complex has a number of facilities, including Marine Corps Base Camp Lejeune and the adjoining Marine Corps Air Station New River. The main function of the complex is training. ABC One Hour Cleaners in nearby Jacksonville is also being proposed for the NPL at this time. This site was originally proposed as Camp Lejeune Marine Corps Base. The Navy has identified 76 potential waste disposal areas in Camp Lejeune and designated 22 as posing a potential threat to public health and the environment. Currently, the focus is on Site 21, Lot 140, a 220- by 890-foot area on the Marine Corps Base where pesticides were mixed and application equipment cleaned. During 1950-51, transformer oil was dumped in an 8-foot-deep pit on the lot. The Navy has detected pesticides, including DDT, DDE, and aldrin, in soil on Site 21. Ground water at the base is shallow 10 feet) and subsurface formations permeable, conditions that facilitate movement of contaminants into ground water. An estimated 13,800 people obtain drinkingwater from wells within 3 miles of Site 21, the nearest one 1,400 feet away. Camp Lejeune Military Reservation is participating in the Installation Restoration Program, established in 1978. Under this program, the Department of Defense seeks to identify, investigate, and clean up contamination from hazardous materials. The Navy has completed Phase I records search). Phase II hydrogeologic investigation) is underway.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Status October 4, 1989): The Marine Corps, the State, and EPA are negotiating an Interagency Agreement under CERCLA Section 120 for oversight of all activities at Camp Lejeune Military Reservation.

NPL:

NPL Status: Currently on the Final NPL
Category Description: Depth To Aquifer-> 10 And <= 25 Feet
Category Value: 12

NPL Status: Currently on the Final NPL
Category Description: Distance To Nearest Population-> 0 And <= 1/4 Mile
Category Value: 10

NPL:

NPL Name: CAMP LEJEUNE MILITARY RES. (USNAVY)

NPL:

EPA Region: 04
Site ID: 0403185
Site Status: F
Federal Site: Y
Date Deleted: Not reported
Date Finalized: 10/04/89
Date Proposed: 06/24/88

NPL:

Proposed Date: 06/24/1988
Final Date: 10/04/1989
Deleted Date: Not reported
NPL Status: Final

SEMS:

Site ID: 0403185
EPA ID: NC6170022580
Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported
City, State, Zip: ONSLOW COUNTY, NC 28542
Cong District: 03,07
FIPS Code: 37133
Latitude: 34.717781
Longitude: -77.342919
FF: Y
NPL: Currently on the Final NPL
Non NPL Status: Not reported

SEMS Detail:

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 15

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Action Code: TS
Action Name: TRTSTUDY
SEQ: 3
Start Date: 1995-11-01 05:00:00
Finish Date: 1/30/1998 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 00
Action Code: NP
Action Name: PROPOSED
SEQ: 1
Start Date: 1988-06-24 04:00:00
Finish Date: 6/24/1988 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 00
Action Code: NF
Action Name: NPL FINL
SEQ: 1
Start Date: 1989-10-04 04:00:00
Finish Date: 10/4/1989 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 01
Action Code: LW
Action Name: FF RI/FS
SEQ: 1
Start Date: 1991-03-01 05:00:00
Finish Date: 9/23/1992 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

NPL: F
FF: Y
OU: 06
Action Code: RO
Action Name: ROD
SEQ: 5
Start Date: 1994-09-15 04:00:00
Finish Date: 9/15/1994 4:00:00 AM
Qual: U
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 07
Action Code: RO
Action Name: ROD
SEQ: 11
Start Date: 2005-07-06 04:00:00
Finish Date: 7/6/2005 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 10
Action Code: RO
Action Name: ROD
SEQ: 12
Start Date: 2001-09-28 04:00:00
Finish Date: 9/28/2001 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 07
Action Code: LV
Action Name: FF RV
SEQ: 9
Start Date: 2001-03-21 05:00:00
Finish Date: 4/14/2001 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 04

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 20
Action Code: LW
Action Name: FF RI/FS
SEQ: 20
Start Date: 2000-05-02 04:00:00
Finish Date: 1/21/2009 5:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 05
Action Code: LW
Action Name: FF RI/FS
SEQ: 6
Start Date: 1991-08-21 04:00:00
Finish Date: 12/5/1995 5:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 13
Action Code: LW
Action Name: FF RI/FS
SEQ: 13
Start Date: 1994-04-04 04:00:00
Finish Date: 5/15/1997 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 06
Action Code: LW
Action Name: FF RI/FS
SEQ: 8
Start Date: 1992-09-29 04:00:00
Finish Date: 9/15/1994 4:00:00 AM
Qual: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	17
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	15
Start Date:	1997-04-07 04:00:00
Finish Date:	10/2/2006 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	13
Action Code:	LX
Action Name:	FF RD
SEQ:	15
Start Date:	1998-04-09 04:00:00
Finish Date:	1/25/1999 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	15
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	18
Start Date:	1991-08-21 04:00:00
Finish Date:	9/27/2000 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	15
Action Code:	RO
Action Name:	ROD
SEQ:	20

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Start Date:	2000-09-27 04:00:00
Finish Date:	9/27/2000 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	21
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	21
Start Date:	2001-07-26 04:00:00
Finish Date:	10/29/2014 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	19
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	19
Start Date:	1998-12-16 05:00:00
Finish Date:	8/28/2006 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	19
Action Code:	RO
Action Name:	ROD
SEQ:	21
Start Date:	2006-08-28 04:00:00
Finish Date:	8/28/2006 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	13

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Action Code: LY
Action Name: FF RA
SEQ: 16
Start Date: 2000-06-18 04:00:00
Finish Date: 4/16/2001 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 22
Action Code: LW
Action Name: FF RI/FS
SEQ: 22
Start Date: 2001-03-20 05:00:00
Finish Date: 12/1/2009 5:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 17
Action Code: LY
Action Name: FF RA
SEQ: 20
Start Date: 2006-10-24 04:00:00
Finish Date: 9/10/2009 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 17
Action Code: LX
Action Name: FF RD
SEQ: 16
Start Date: 2006-08-31 04:00:00
Finish Date: 11/30/2006 5:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

NPL:	F
FF:	Y
OU:	17
Action Code:	LX
Action Name:	FF RD
SEQ:	17
Start Date:	2006-09-07 04:00:00
Finish Date:	10/2/2006 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	04
Action Code:	RO
Action Name:	ROD
SEQ:	2
Start Date:	1993-09-10 04:00:00
Finish Date:	9/10/1993 4:00:00 AM
Qual:	U
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	09
Action Code:	RO
Action Name:	ROD
SEQ:	15
Start Date:	1996-08-23 04:00:00
Finish Date:	8/23/1996 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	17
Action Code:	LV
Action Name:	FF RV
SEQ:	8
Start Date:	2000-06-22 04:00:00
Finish Date:	9/28/2001 4:00:00 AM
Qual:	P
Current Action Lead:	Fed Fac
Region:	04

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 07
Action Code: LY
Action Name: FF RA
SEQ: 17
Start Date: 2005-08-01 04:00:00
Finish Date: 8/27/2007 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 17
Action Code: RO
Action Name: ROD
SEQ: 24
Start Date: 2006-10-02 04:00:00
Finish Date: 10/2/2006 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 20
Action Code: RO
Action Name: ROD
SEQ: 25
Start Date: 2009-01-21 05:00:00
Finish Date: 1/21/2009 5:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 21
Action Code: RO
Action Name: ROD
SEQ: 26
Start Date: 2014-10-29 04:00:00
Finish Date: 10/29/2014 4:00:00 AM
Qual: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	22
Action Code:	RO
Action Name:	ROD
SEQ:	27
Start Date:	2009-12-01 05:00:00
Finish Date:	12/1/2009 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	15
Action Code:	LY
Action Name:	FF RA
SEQ:	19
Start Date:	2000-10-22 04:00:00
Finish Date:	9/30/2001 4:00:00 AM
Qual:	IR
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	18
Action Code:	RO
Action Name:	ROD
SEQ:	22
Start Date:	2001-09-28 04:00:00
Finish Date:	9/28/2001 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	17
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	23

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Start Date:	1997-04-07 04:00:00
Finish Date:	12/16/2012 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	17
Action Code:	RO
Action Name:	ROD
SEQ:	28
Start Date:	2012-12-16 05:00:00
Finish Date:	12/16/2012 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	14
Action Code:	RO
Action Name:	ROD
SEQ:	19
Start Date:	1997-05-15 04:00:00
Finish Date:	5/15/1997 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	11
Action Code:	LX
Action Name:	FF RD
SEQ:	14
Start Date:	2009-12-04 05:00:00
Finish Date:	5/28/2010 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	12

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Action Code: LV
Action Name: FF RV
SEQ: 5
Start Date: 1995-12-15 05:00:00
Finish Date: 9/30/1996 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 08
Action Code: LY
Action Name: FF RA
SEQ: 18
Start Date: 1997-07-31 04:00:00
Finish Date: 9/16/2002 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 16
Action Code: LW
Action Name: FF RI/FS
SEQ: 16
Start Date: 1997-02-21 05:00:00
Finish Date: 5/23/2019 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 25
Action Code: LW
Action Name: FF RI/FS
SEQ: 24
Start Date: 2012-04-23 04:00:00
Finish Date: 4/30/2018 5:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

NPL:	F
FF:	Y
OU:	27
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	25
Start Date:	2012-06-04 05:00:00
Finish Date:	12/9/2015 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	24
Action Code:	NH
Action Name:	FF RI
SEQ:	2
Start Date:	2011-03-14 04:00:00
Finish Date:	4/24/2014 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	16
Action Code:	LY
Action Name:	FF RA
SEQ:	29
Start Date:	2020-08-10 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	13
Action Code:	OM
Action Name:	OM
SEQ:	1
Start Date:	2001-04-16 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 20
Action Code: LY
Action Name: FF RA
SEQ: 23
Start Date: 2009-10-02 04:00:00
Finish Date: 6/10/2010 5:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 20
Action Code: LX
Action Name: FF RD
SEQ: 18
Start Date: 2009-05-06 04:00:00
Finish Date: 7/20/2009 5:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 22
Action Code: LX
Action Name: FF RD
SEQ: 19
Start Date: 2010-01-19 05:00:00
Finish Date: 9/3/2010 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 22
Action Code: LY
Action Name: FF RA
SEQ: 22
Start Date: 2011-04-05 05:00:00
Finish Date: 9/1/2011 4:00:00 AM
Qual: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	08
Action Code:	RO
Action Name:	ROD
SEQ:	16
Start Date:	1996-10-09 04:00:00
Finish Date:	10/9/1996 4:00:00 AM
Qual:	U
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	03
Action Code:	LV
Action Name:	FF RV
SEQ:	1
Start Date:	1993-11-22 05:00:00
Finish Date:	2/28/1995 5:00:00 AM
Qual:	C
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	06
Action Code:	LV
Action Name:	FF RV
SEQ:	2
Start Date:	1994-06-01 04:00:00
Finish Date:	1/30/1995 5:00:00 AM
Qual:	C
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	07
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	11

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Start Date:	1994-06-08 04:00:00
Finish Date:	7/6/2005 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	08
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	10
Start Date:	1993-06-30 04:00:00
Finish Date:	10/9/1996 4:00:00 AM
Qual:	U
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	03
Action Code:	RO
Action Name:	ROD
SEQ:	3
Start Date:	1993-09-24 04:00:00
Finish Date:	9/24/1993 4:00:00 AM
Qual:	U
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	02
Action Code:	LX
Action Name:	FF RD
SEQ:	3
Start Date:	1994-08-15 04:00:00
Finish Date:	11/11/1994 5:00:00 AM
Qual:	U
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	06

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Action Code: LY
Action Name: FF RA
SEQ: 5
Start Date: 1996-02-29 05:00:00
Finish Date: 2/29/1996 5:00:00 AM
Qual: IR
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 12
Action Code: RO
Action Name: ROD
SEQ: 30
Start Date: 2012-10-16 04:00:00
Finish Date: 10/16/2012 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 15
Action Code: LW
Action Name: FF RI/FS
SEQ: 26
Start Date: 2011-12-01 05:00:00
Finish Date: 6/25/2013 5:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 15
Action Code: RO
Action Name: ROD
SEQ: 31
Start Date: 2013-06-25 05:00:00
Finish Date: 6/25/2013 5:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

NPL:	F
FF:	Y
OU:	27
Action Code:	RO
Action Name:	ROD
SEQ:	34
Start Date:	2015-12-09 05:00:00
Finish Date:	12/9/2015 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	17
Action Code:	LX
Action Name:	FF RD
SEQ:	20
Start Date:	2012-09-21 05:00:00
Finish Date:	11/7/2012 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	24
Action Code:	RO
Action Name:	ROD
SEQ:	32
Start Date:	2014-04-24 05:00:00
Finish Date:	4/24/2014 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	15
Action Code:	LY
Action Name:	FF RA
SEQ:	24
Start Date:	2013-12-09 05:00:00
Finish Date:	9/17/2015 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 17
Action Code: LY
Action Name: FF RA
SEQ: 25
Start Date: 2013-03-03 05:00:00
Finish Date: 10/10/2014 5:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 24
Action Code: LX
Action Name: FF RD
SEQ: 23
Start Date: 2013-10-29 04:00:00
Finish Date: 1/31/2014 5:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 24
Action Code: LY
Action Name: FF RA
SEQ: 26
Start Date: 2014-03-19 04:00:00
Finish Date: 1/15/2015 5:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 21
Action Code: LY
Action Name: FF RA
SEQ: 30
Start Date: 2015-05-11 05:00:00
Finish Date: 10/28/2015 4:00:00 AM
Qual: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	25
Action Code:	RO
Action Name:	ROD
SEQ:	33
Start Date:	2018-04-30 05:00:00
Finish Date:	4/30/2018 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	01
Action Code:	RO
Action Name:	ROD
SEQ:	1
Start Date:	1992-09-23 04:00:00
Finish Date:	9/23/1992 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	11
Action Code:	RO
Action Name:	ROD
SEQ:	7
Start Date:	1995-09-22 04:00:00
Finish Date:	9/22/1995 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	13
Action Code:	RO
Action Name:	ROD
SEQ:	14

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Start Date:	1997-05-15 04:00:00
Finish Date:	5/15/1997 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	10
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	7
Start Date:	1992-04-13 04:00:00
Finish Date:	9/28/2001 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	12
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	12
Start Date:	1994-04-04 04:00:00
Finish Date:	1/20/1998 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	01
Action Code:	LX
Action Name:	FF RD
SEQ:	1
Start Date:	1992-09-30 04:00:00
Finish Date:	6/23/1993 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	05

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Action Code: LX
Action Name: FF RD
SEQ: 8
Start Date: 1996-03-25 05:00:00
Finish Date: 8/30/1996 4:00:00 AM
Qual: U
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 13
Action Code: LX
Action Name: FF RD
SEQ: 13
Start Date: 1997-08-27 04:00:00
Finish Date: 3/31/1998 5:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 11
Action Code: LY
Action Name: FF RA
SEQ: 4
Start Date: 1995-07-21 04:00:00
Finish Date: 12/5/1995 5:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 05
Action Code: LY
Action Name: FF RA
SEQ: 6
Start Date: 1996-08-30 04:00:00
Finish Date: 8/3/2006 4:00:00 AM
Qual: IR
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

NPL:	F
FF:	Y
OU:	16
Action Code:	LV
Action Name:	FF RV
SEQ:	6
Start Date:	1996-03-22 05:00:00
Finish Date:	9/30/1996 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	03
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	3
Start Date:	1990-06-28 04:00:00
Finish Date:	9/24/1993 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	07
Action Code:	LX
Action Name:	FF RD
SEQ:	11
Start Date:	2005-08-09 04:00:00
Finish Date:	9/22/2005 4:00:00 AM
Qual:	U
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	08
Action Code:	LX
Action Name:	FF RD
SEQ:	7
Start Date:	1997-04-15 04:00:00
Finish Date:	4/15/1997 4:00:00 AM
Qual:	U
Current Action Lead:	Fed Fac
Region:	04

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 11
Action Code: LX
Action Name: FF RD
SEQ: 6
Start Date: 1997-02-10 05:00:00
Finish Date: 8/18/1997 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 03
Action Code: LY
Action Name: FF RA
SEQ: 2
Start Date: 1995-01-27 05:00:00
Finish Date: 10/9/1996 4:00:00 AM
Qual: U
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 00
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: 1988-06-24 04:00:00
Finish Date: 6/24/1988 4:00:00 AM
Qual: N
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 02
Action Code: LW
Action Name: FF RI/FS
SEQ: 2
Start Date: 1991-03-01 05:00:00
Finish Date: 9/15/1994 4:00:00 AM
Qual: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	09
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	5
Start Date:	1991-12-02 05:00:00
Finish Date:	8/23/1996 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	02
Action Code:	RO
Action Name:	ROD
SEQ:	4
Start Date:	1994-09-15 04:00:00
Finish Date:	9/15/1994 4:00:00 AM
Qual:	U
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	06
Action Code:	LX
Action Name:	FF RD
SEQ:	4
Start Date:	1994-12-28 05:00:00
Finish Date:	11/7/1995 5:00:00 AM
Qual:	U
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	01
Action Code:	TS
Action Name:	TRTSTUDY
SEQ:	1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Start Date:	1993-06-24 04:00:00
Finish Date:	6/24/1993 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	14
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	14
Start Date:	1995-06-23 04:00:00
Finish Date:	5/15/1997 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1988-02-12 05:00:00
Finish Date:	2/12/1988 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	07
Action Code:	LV
Action Name:	FF RV
SEQ:	7
Start Date:	1997-09-04 04:00:00
Finish Date:	9/29/1997 4:00:00 AM
Qual:	C
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	04

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Action Code: LW
Action Name: FF RI/FS
SEQ: 4
Start Date: 1990-10-04 04:00:00
Finish Date: 9/10/1993 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 11
Action Code: LW
Action Name: FF RI/FS
SEQ: 9
Start Date: 1993-06-30 04:00:00
Finish Date: 9/22/1995 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 12
Action Code: RO
Action Name: ROD
SEQ: 13
Start Date: 1998-01-20 05:00:00
Finish Date: 1/20/1998 5:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 18
Action Code: LW
Action Name: FF RI/FS
SEQ: 17
Start Date: 1997-02-21 05:00:00
Finish Date: 9/28/2001 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

NPL:	F
FF:	Y
OU:	05
Action Code:	RO
Action Name:	ROD
SEQ:	9
Start Date:	1995-12-05 05:00:00
Finish Date:	12/5/1995 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	03
Action Code:	LX
Action Name:	FF RD
SEQ:	2
Start Date:	1993-10-25 04:00:00
Finish Date:	9/30/1994 4:00:00 AM
Qual:	U
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	11
Action Code:	LX
Action Name:	FF RD
SEQ:	5
Start Date:	1994-10-11 04:00:00
Finish Date:	12/22/1994 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	01
Action Code:	LY
Action Name:	FF RA
SEQ:	1
Start Date:	1993-09-30 04:00:00
Finish Date:	6/30/1995 4:00:00 AM
Qual:	U
Current Action Lead:	Fed Fac
Region:	04

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 11
Action Code: RO
Action Name: ROD
SEQ: 17
Start Date: 1994-09-15 04:00:00
Finish Date: 9/15/1994 4:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 07
Action Code: LV
Action Name: FF RV
SEQ: 3
Start Date: 1995-05-19 04:00:00
Finish Date: 7/15/1995 4:00:00 AM
Qual: C
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 11
Action Code: RO
Action Name: ROD
SEQ: 18
Start Date: 2009-11-16 05:00:00
Finish Date: 11/16/2009 5:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 16
Action Code: LV
Action Name: FF RV
SEQ: 4
Start Date: 1995-11-19 05:00:00
Finish Date: 9/30/1996 4:00:00 AM
Qual: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	02
Action Code:	LY
Action Name:	FF RA
SEQ:	3
Start Date:	1995-03-20 05:00:00
Finish Date:	2/13/1997 5:00:00 AM
Qual:	U
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	11
Action Code:	TS
Action Name:	TRTSTUDY
SEQ:	2
Start Date:	1996-02-13 05:00:00
Finish Date:	11/14/1996 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	11
Action Code:	LY
Action Name:	FF RA
SEQ:	14
Start Date:	2010-08-04 05:00:00
Finish Date:	7/21/2011 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Start Date:	1983-02-15 05:00:00
Finish Date:	2/15/1988 5:00:00 AM
Qual:	N
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	29
Action Code:	LX
Action Name:	FF RD
SEQ:	25
Start Date:	2019-07-29 05:00:00
Finish Date:	10/4/2019 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	29
Action Code:	RO
Action Name:	ROD
SEQ:	36
Start Date:	2019-09-30 05:00:00
Finish Date:	9/30/2019 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	16
Action Code:	RO
Action Name:	ROD
SEQ:	23
Start Date:	2019-05-23 04:00:00
Finish Date:	5/23/2019 4:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	16

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Action Code: LX
Action Name: FF RD
SEQ: 21
Start Date: 2020-02-11 06:00:00
Finish Date: 7/23/2020 5:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 23
Action Code: NH
Action Name: FF RI
SEQ: 1
Start Date: 2010-10-31 04:00:00
Finish Date: 5/19/2017 5:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 29
Action Code: LY
Action Name: FF RA
SEQ: 34
Start Date: 2019-10-04 05:00:00
Finish Date: 11/14/2019 6:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 29
Action Code: LW
Action Name: FF RI/FS
SEQ: 28
Start Date: 2018-10-15 05:00:00
Finish Date: 9/30/2019 5:00:00 AM
Qual: Not reported
Current Action Lead: Fed Fac

Region: 04
Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

NPL:	F
FF:	Y
OU:	25
Action Code:	LY
Action Name:	FF RA
SEQ:	33
Start Date:	2019-02-21 06:00:00
Finish Date:	9/24/2019 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	30
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	29
Start Date:	2019-05-08 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	25
Action Code:	LX
Action Name:	FF RD
SEQ:	24
Start Date:	2018-06-01 04:00:00
Finish Date:	8/30/2018 5:00:00 AM
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04
Site ID:	0403185
EPA ID:	NC6170022580
Site Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL:	F
FF:	Y
OU:	31
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	30
Start Date:	2019-05-20 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	04

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Site ID: 0403185
EPA ID: NC6170022580
Site Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
NPL: F
FF: Y
OU: 32
Action Code: LW
Action Name: FF RI/FS
SEQ: 31
Start Date: 2015-06-02 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: Fed Fac

CORRACTS:

Name: MARINE CORPS BASE CAMP LEJEUNE
Address: 977 MICHAEL RD
Address 2: BUILDING S-962
EPA ID: NC6170022580
Area Name: ENTIRE FACILITY
Corrective Action: CA PRIORITIZATION-HIGH CA PRIORITY
Actual Date: 00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: MARINE CORPS BASE CAMP LEJEUNE
Address: 977 MICHAEL RD
Address 2: BUILDING S-962
EPA ID: NC6170022580
Area Name: ENTIRE FACILITY
Corrective Action: RFA COMPLETED
Actual Date: 00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: MARINE CORPS BASE CAMP LEJEUNE
Address: 977 MICHAEL RD
Address 2: BUILDING S-962
EPA ID: NC6170022580
Area Name: ENTIRE FACILITY
Corrective Action: INVESTIGATION IMPOSITION
Actual Date: 00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: MARINE CORPS BASE CAMP LEJEUNE
Address: 977 MICHAEL RD
Address 2: BUILDING S-962
EPA ID: NC6170022580
Area Name: SWMU 311

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action: REMEDY DECISION
Actual Date: 00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Y
Surface Water Release Indicator: Not reported

Name: MARINE CORPS BASE CAMP LEJEUNE
Address: 977 MICHAEL RD
Address 2: BUILDING S-962
EPA ID: NC6170022580
Area Name: SWMU 336

Corrective Action: REMEDY DECISION
Actual Date: 00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Y
Soil Release Indicator: Y
Surface Water Release Indicator: Not reported

Name: MARINE CORPS BASE CAMP LEJEUNE
Address: 977 MICHAEL RD
Address 2: BUILDING S-962
EPA ID: NC6170022580
Area Name: SWMU 311
Corrective Action: REMEDY CONSTRUCTION-NO REMEDY CONSTRUCTED
Actual Date: 00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Y
Surface Water Release Indicator: Not reported

Name: MARINE CORPS BASE CAMP LEJEUNE
Address: 977 MICHAEL RD
Address 2: BUILDING S-962
EPA ID: NC6170022580
Area Name: SWMU 336
Corrective Action: REMEDY CONSTRUCTION-NO REMEDY CONSTRUCTED
Actual Date: 00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Y
Soil Release Indicator: Y
Surface Water Release Indicator: Not reported

Name: MARINE CORPS BASE CAMP LEJEUNE
Address: 977 MICHAEL RD
Address 2: BUILDING S-962
EPA ID: NC6170022580
Area Name: ENTIRE FACILITY
Corrective Action: HUMAN EXPOSURES CONTROLLED DETERMINATION-FACILITY DOES NOT MEET DEFINITION
Actual Date: 00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: MARINE CORPS BASE CAMP LEJEUNE

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Address: 977 MICHAEL RD
Address 2: BUILDING S-962
EPA ID: NC6170022580
Area Name: ENTIRE FACILITY
Corrective Action: HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE

Actual Date: 00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: MARINE CORPS BASE CAMP LEJEUNE
Address: 977 MICHAEL RD
Address 2: BUILDING S-962
EPA ID: NC6170022580
Area Name: ENTIRE FACILITY
Corrective Action: RELEASE TO GW CONTROLLED DETERMINATION-FACILITY DOES NOT MEET DEFINITION

Actual Date: 00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: MARINE CORPS BASE CAMP LEJEUNE
Address: 977 MICHAEL RD
Address 2: BUILDING S-962
EPA ID: NC6170022580
Area Name: ENTIRE FACILITY
Corrective Action: RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE

Actual Date: 00:00.0
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

[Click this hyperlink](#) while viewing on your computer to access
14 additional CORRACTS: record(s) in the EDR Site Report.

RCRA-LQG:

Date Form Received by Agency: 2020-07-08 00:00:00.0
Handler Name: MARINE CORPS BASE CAMP LEJEUNE
Handler Address: 977 MICHAEL RD
Handler City,State,Zip: CAMP LEJEUNE, NC 28547
EPA ID: NC6170022580
Contact Name: ANTHONY L RECOB
Contact Address: POST LANE
Contact City,State,Zip: CAMP LEJEUNE, NC 28547
Contact Telephone: 910-451-5306
Contact Fax: 910-451-3471
Contact Email: ANTHONY.RECOB@USMC.MIL
Contact Title: HEAD RCRS
EPA Region: 04
Land Type: Federal
Federal Waste Generator Description: Large Quantity Generator
Non-Notifier: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities, Permitting Activities, Corrective Action Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	POST LANE
Mailing City,State,Zip:	CAMP LEJEUNE, NC 28547
Owner Name:	DEPARTMENT OF DEFENSE
Owner Type:	Federal
Operator Name:	COMMANDING GENERAL MCBCL
Operator Type:	Federal
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:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	Yes
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Solid Waste Management Unit
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	The land is federally-owned, The site is federally-owned, The site is federally-operated
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Storage, Treatment
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Storage, Treatment, Solid Waste Management Unit
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Solid Waste Management Unit
202 GPRA Corrective Action Baseline:	Yes
Corrective Action Workload Universe:	Yes
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	Yes
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	High
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	Yes
Groundwater Controls Indicator:	Yes
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Solid Waste Management Unit
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Addressed Significant Non-Complier Universe: No
Significant Non-Complier With a Compliance Schedule Universe: No
Financial Assurance Required: Not reported
Handler Date of Last Change: 2020-07-14 12:46:29.0
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

Biennial: List of Years

Year: 2019

[Click Here for Biennial Reporting System Data:](#)

Year: 2017

[Click Here for Biennial Reporting System Data:](#)

Year: 2015

[Click Here for Biennial Reporting System Data:](#)

Year: 2013

[Click Here for Biennial Reporting System Data:](#)

Year: 2011

[Click Here for Biennial Reporting System Data:](#)

Year: 2009

[Click Here for Biennial Reporting System Data:](#)

Year: 2005

[Click Here for Biennial Reporting System Data:](#)

Year: 2003

[Click Here for Biennial Reporting System Data:](#)

Year: 2001

[Click Here for Biennial Reporting System Data:](#)

Hazardous Waste Summary:

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D003
Waste Description: REACTIVE WASTE

Waste Code: D004
Waste Description: ARSENIC

Waste Code: D005
Waste Description: BARIUM

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Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D010
Waste Description:	SELENIUM
Waste Code:	D011
Waste Description:	SILVER
Waste Code:	D012
Waste Description:	ENDRIN (1,2,3,4,10,10-HEXACHLORO-1,7-EPOXY-1,4,4A,5,6,7,8,8A-OCTAHYDRO-1,4-EN DO, ENDO-5,8-DIMETH-ANO-NAPHTHALENE)
Waste Code:	D013
Waste Description:	LINDANE (1,2,3,4,5,6-HEXA-CHLOROCYCLOHEXANE, GAMMA ISOMER)
Waste Code:	D014
Waste Description:	METHOXYCHLOR (1,1,1-TRICHLORO-2,2-BIS [P-METHOXYPHENYL] ETHANE)
Waste Code:	D015
Waste Description:	TOXAPHENE (C10 H10 CL8, TECHNICAL CHLORINATED CAMPHENE, 67-69 PERCENT CHLORINE)
Waste Code:	D016
Waste Description:	2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)
Waste Code:	D017
Waste Description:	2,4,5-TP SILVEX (2,4,5-TRICHLOROPHENOXYPROPIONIC ACID)
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D019
Waste Description:	CARBON TETRACHLORIDE
Waste Code:	D020
Waste Description:	CHLORDANE
Waste Code:	D021
Waste Description:	CHLOROBENZENE
Waste Code:	D022
Waste Description:	CHLOROFORM
Waste Code:	D023
Waste Description:	O-CRESOL

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

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Waste Code:	D024
Waste Description:	M-CRESOL
Waste Code:	D025
Waste Description:	P-CRESOL
Waste Code:	D026
Waste Description:	CRESOL
Waste Code:	D027
Waste Description:	1,4-DICHLOROBENZENE
Waste Code:	D028
Waste Description:	1,2-DICHLOROETHANE
Waste Code:	D029
Waste Description:	1,1-DICHLOROETHYLENE
Waste Code:	D030
Waste Description:	2,4-DINITROTOLUENE
Waste Code:	D031
Waste Description:	HEPTACHLOR (AND ITS EPOXIDE)
Waste Code:	D032
Waste Description:	HEXACHLOROBENZENE
Waste Code:	D033
Waste Description:	HEXACHLOROBUTADIENE
Waste Code:	D034
Waste Description:	HEXACHLOROETHANE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	D036
Waste Description:	NITROBENZENE
Waste Code:	D037
Waste Description:	PENTACHLOROPHENOL
Waste Code:	D038
Waste Description:	PYRIDINE
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE
Waste Code:	D040
Waste Description:	TRICHLORETHYLENE
Waste Code:	D041
Waste Description:	2,4,5-TRICHLOROPHENOL
Waste Code:	D042
Waste Description:	2,4,6-TRICHLOROPHENOL

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

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Waste Code: D043
Waste Description: VINYL CHLORIDE

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

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F004
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F006
Waste Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM;

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(2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Waste Code: P006

Waste Description: ALUMINUM PHOSPHIDE (R,T)

Waste Code: P015

Waste Description: BERYLLIUM

Waste Code: P018

Waste Description: BRUCINE (OR) STRYCHNIDIN-10-ONE, 2,3-DIMETHOXY-

Waste Code: P029

Waste Description: COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)

Waste Code: P030

Waste Description: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

Waste Code: P044

Waste Description: DIMETHOATE (OR) PHOSPHORODITHIOIC ACID, O,O-DIMETHYL S-[2-(METHYLAMINO)-2-OXOETHYL] ESTER

Waste Code: P075

Waste Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-, (S)-, & SALTS

Waste Code: P098

Waste Description: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

Waste Code: P104

Waste Description: SILVER CYANIDE (OR) SILVER CYANIDE AG(CN)

Waste Code: P105

Waste Description: SODIUM AZIDE

Waste Code: P106

Waste Description: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

Waste Code: U002

Waste Description: 2-PROPANONE (I) (OR) ACETONE (I)

Waste Code: U010

Waste Description: AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[[AMINOCARBONYLOXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C

Waste Code: U020

Waste Description: BENZENESULFONIC ACID CHLORIDE (C,R) (OR) BENZENESULFONYL CHLORIDE (C,R)

Waste Code: U029

Waste Description: METHANE, BROMO- (OR) METHYL BROMIDE

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Waste Code:	U031
Waste Description:	1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)
Waste Code:	U036
Waste Description:	4,7-METHANO-1H-INDENE, 1,2,4,5,6,7,8,8-OCTACHLORO-2,3,3A,4,7,7A-HEXAHYDRO- (OR) CHLORDANE, ALPHA & GAMMA ISOMERS
Waste Code:	U037
Waste Description:	BENZENE, CHLORO- (OR) CHLOROBENZENE
Waste Code:	U041
Waste Description:	EPICHLOROHYDRIN (OR) OXIRANE, (CHLOROMETHYL)-
Waste Code:	U044
Waste Description:	CHLOROFORM (OR) METHANE, TRICHLORO-
Waste Code:	U051
Waste Description:	CREOSOTE
Waste Code:	U060
Waste Description:	BENZENE, 1,1'-(2,2-DICHLOROETHYLIDENE)BIS[4-CHLORO- (OR) DDD
Waste Code:	U061
Waste Description:	BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS[4-CHLORO- (OR) DDT
Waste Code:	U069
Waste Description:	1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER (OR) DIBUTYL PHTHALATE
Waste Code:	U070
Waste Description:	BENZENE, 1,2-DICHLORO- (OR) O-DICHLOROBENZENE
Waste Code:	U072
Waste Description:	BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE
Waste Code:	U075
Waste Description:	DICHLORODIFLUOROMETHANE (OR) METHANE, DICHLORODIFLUORO-
Waste Code:	U076
Waste Description:	ETHANE, 1,1-DICHLORO- (OR) ETHYLIDENE DICHLORIDE
Waste Code:	U077
Waste Description:	ETHANE, 1,2-DICHLORO- (OR) ETHYLENE DICHLORIDE
Waste Code:	U080
Waste Description:	METHANE, DICHLORO- (OR) METHYLENE CHLORIDE
Waste Code:	U088
Waste Description:	1,2-BENZENEDICARBOXYLIC ACID, DIETHYL ESTER (OR) DIETHYL PHTHALATE
Waste Code:	U103
Waste Description:	DIMETHYL SULFATE (OR) SULFURIC ACID, DIMETHYL ESTER
Waste Code:	U112
Waste Description:	ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)
Waste Code:	U117

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

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Waste Description:	ETHANE, 1,1'-OXYBIS-(I) (OR) ETHYL ETHER (I)
Waste Code:	U121
Waste Description:	METHANE, TRICHLOROFLUORO- (OR) TRICHLOROMONOFUOROMETHANE
Waste Code:	U122
Waste Description:	FORMALDEHYDE
Waste Code:	U129
Waste Description:	CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE
Waste Code:	U132
Waste Description:	HEXACHLOROPHENE (OR) PHENOL, 2,2'-METHYLENEBIS[3,4,6-TRICHLORO-
Waste Code:	U142
Waste Description:	1,3,4-METHENO-2H-CYCLOBUTA[CD]PENTALEN-2-ONE, 1,1A,3,3A,4,5,5,5A,5B,6-DECACHLOROOCCTAHYDRO- (OR) KEPONE
Waste Code:	U151
Waste Description:	MERCURY
Waste Code:	U154
Waste Description:	METHANOL (I) (OR) METHYL ALCOHOL (I)
Waste Code:	U159
Waste Description:	2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)
Waste Code:	U161
Waste Description:	4-METHYL-2-PENTANONE (I) (OR) METHYL ISOBUTYL KETONE (I) (OR) PENTANOL, 4-METHYL-
Waste Code:	U162
Waste Description:	2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER (I,T) (OR) METHYL METHACRYLATE (I,T)
Waste Code:	U165
Waste Description:	NAPHTHALENE
Waste Code:	U188
Waste Description:	PHENOL
Waste Code:	U210
Waste Description:	ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE
Waste Code:	U211
Waste Description:	CARBON TETRACHLORIDE (OR) METHANE, TETRACHLORO-
Waste Code:	U220
Waste Description:	BENZENE, METHYL- (OR) TOLUENE
Waste Code:	U221
Waste Description:	BENZENEDIAMINE, AR-METHYL- (OR) TOLUENEDIAMINE
Waste Code:	U226
Waste Description:	ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM

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Waste Code:	U228
Waste Description:	ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE
Waste Code:	U229
Waste Description:	Not Defined
Waste Code:	U239
Waste Description:	BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)
Waste Code:	U244
Waste Description:	THIOPEROXYDICARBONIC DIAMIDE [(H2N)C(S)]2S2, TETRAMETHYL- (OR) THIRAM
Waste Code:	U248
Waste Description:	2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYL-BUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS
Waste Code:	U249
Waste Description:	ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS OF 10% OR LESS
Waste Code:	U279
Waste Description:	U279
Waste Code:	U359
Waste Description:	ETHANOL, 2-ETHOXY- (OR) ETHYLENE GLYCOL MONOETHYL ETHER
Waste Code:	U411
Waste Description:	U411

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MS NANCY RHEAUME
Legal Status:	Federal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	BUILDING 1
Owner/Operator City,State,Zip:	CAMP LEJEUNE, NC 28542-5004
Owner/Operator Telephone:	910-451-1482
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	USDOD
Legal Status:	Federal
Date Became Current:	1939-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DEPARTMENT OF DEFENSE
Legal Status:	Federal

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EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Date Became Current:	1939-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1 POST LANE
Owner/Operator City,State,Zip:	CAMP LEJEUNE, NC 28542-0004
Owner/Operator Telephone:	910-451-5306
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MAJOR GENERAL R.G. RICHARD
Legal Status:	Federal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PSC BOX 20004
Owner/Operator City,State,Zip:	CAMP LEJEUNE, NC 28542-0004
Owner/Operator Telephone:	910-451-5003
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DEPARTMENT OF DEFENSE
Legal Status:	Federal
Date Became Current:	1939-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PSC BOX 20004
Owner/Operator City,State,Zip:	CAMP LEJEUNE, NC 28542-0004
Owner/Operator Telephone:	910-451-5306
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DEPARTMENT OF DEFENSE
Legal Status:	Federal
Date Became Current:	1939-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1 POST LANE
Owner/Operator City,State,Zip:	CAMP LEJEUNE, NC 28542-0004
Owner/Operator Telephone:	910-451-5306
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	ANTHONY.RECOB@USMC.MIL
Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNITED STATES MARINE CORPS
Legal Status:	Federal
Date Became Current:	1939-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PSC BOX 20004
Owner/Operator City,State,Zip:	CAMP LEJEUNE, NC 28542
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

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Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMANDING GENERAL MCIEAST-MCB CAMP LEJEUNE
Legal Status:	Federal
Date Became Current:	1939-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COMMANDING GENERAL
Legal Status:	Federal
Date Became Current:	1941-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMANDING OFFICER
Legal Status:	Federal
Date Became Current:	1941-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	NC
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	DEPARTMENT OF DEFENSE
Legal Status:	Federal
Date Became Current:	1939-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMANDING GENERAL MCBCL
Legal Status:	Federal
Date Became Current:	1939-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1 POST LANE
Owner/Operator City,State,Zip:	CAMP LEJEUNE, NC 28542-0004
Owner/Operator Telephone:	910-451-5306
Owner/Operator Telephone Ext:	Not reported

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EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COL RICHARD P. FLATAU
Legal Status:	Federal
Date Became Current:	1939-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PSC BOX 20004
Owner/Operator City,State,Zip:	CAMP LEJEUNE, NC 28542-0004
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMANDING GENERAL MCBCL
Legal Status:	Federal
Date Became Current:	1939-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MAJOR GENERAL R.G. RICHARD
Legal Status:	Federal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PSC BOX 20004
Owner/Operator City,State,Zip:	CAMP LEJEUNE, NC 28542-0004
Owner/Operator Telephone:	910-451-5003
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DEPARTMENT OF DEFENSE
Legal Status:	Federal
Date Became Current:	1939-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1 POST LANE
Owner/Operator City,State,Zip:	CAMP LEJEUNE, NC 28542-0004
Owner/Operator Telephone:	910-451-5306
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	ANTHONY.RECOB@USMC.MIL
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMANDING GENERAL
Legal Status:	Federal
Date Became Current:	1941-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MARINE CORPS BASE, CAMP LEJEUNE
Legal Status:	Federal
Date Became Current:	1941-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1 HOLCOMB BOULEVARD
Owner/Operator City,State,Zip:	CAMP LEJEUNE, NC 28542
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DEPARTMENT OF DEFENSE
Legal Status:	Federal
Date Became Current:	1939-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1 POST LANE
Owner/Operator City,State,Zip:	CAMP LEJEUNE, NC 28542-0004
Owner/Operator Telephone:	910-451-5306
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	ANTHONY.RECOB@USMC.MIL
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMANDING OFFICER
Legal Status:	Federal
Date Became Current:	1941-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	NC
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MARINE CORPS BASE, CAMP LEJEUNE
Legal Status:	Federal
Date Became Current:	1941-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1 HOLCOMB BOULEVARD
Owner/Operator City,State,Zip:	CAMP LEJEUNE, NC 28542
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLONEL ADELE E. HODGES
Legal Status:	Federal

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Date Became Current: 2006-01-23 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: MARINE CORPS BASE, PSC BOX 200
Owner/Operator City,State,Zip: CAMP LEJEUNE, NC 28542-0004
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: DEPARTMENT OF DEFENSE
Legal Status: Federal
Date Became Current: 1939-11-15 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: DEPARTMENT OF DEFENSE
Legal Status: Federal
Date Became Current: 1939-11-15 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: DEPARTMENT OF DEFENSE
Legal Status: Federal
Date Became Current: 1939-11-15 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 1 POST LANE
Owner/Operator City,State,Zip: CAMP LEJEUNE, NC 28542-0004
Owner/Operator Telephone: 910-451-5306
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: ANTHONY.RECOB@USMC.MIL

Owner/Operator Indicator: Operator
Owner/Operator Name: COMMANDING GENERAL MCBCL
Legal Status: Federal
Date Became Current: 1939-11-15 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 1 POST LANE
Owner/Operator City,State,Zip: CAMP LEJEUNE, NC 28542-0004
Owner/Operator Telephone: 910-451-5306
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Owner/Operator Indicator: Operator
Owner/Operator Name: COMMANDING GENERAL MCBCL
Legal Status: Federal
Date Became Current: 1939-11-15 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 1 POST LANE
Owner/Operator City,State,Zip: CAMP LEJEUNE, NC 28542-0004
Owner/Operator Telephone: 910-451-5306
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: US DOD
Legal Status: Federal
Date Became Current: 1939-11-15 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: DEPARTMENT OF DEFENSE
Legal Status: Federal
Date Became Current: 1939-11-15 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 1 POST LANE
Owner/Operator City,State,Zip: CAMP LEJEUNE, NC 28542-0004
Owner/Operator Telephone: 910-451-5306
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: DEPARTMENT OF DEFENSE
Legal Status: Federal
Date Became Current: 1939-11-15 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: PSC BOX 20004
Owner/Operator City,State,Zip: CAMP LEJEUNE, NC 28542-0004
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: COMMANDING GENERAL MCBCL
Legal Status: Federal
Date Became Current: 1939-11-15 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 1 POST LANE
Owner/Operator City,State,Zip: CAMP LEJEUNE, NC 28542-0004
Owner/Operator Telephone: 910-451-5306
Owner/Operator Telephone Ext: Not reported

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EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: UNITED STATES MARINE CORPS
Legal Status: Federal
Date Became Current: 1939-11-15 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: NC
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 2000-02-08 00:00:00.0
Handler Name: US MARINE CORPS BASE CAMP LEJEUNE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
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: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2007-09-13 00:00:00.0
Handler Name: MARINE CORPS BASE, CAMP LEJEUNE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2009-05-07 00:00:00.0
Handler Name: MARINE CORPS BASE, CAMP LEJEUNE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2006-04-03 00:00:00.0
Handler Name: MARINE CORPS BASE, CAMP LEJEUNE

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2010-03-18 00:00:00.0
Handler Name: MARINE CORPS BASE CAMP LEJEUNE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2012-03-02 00:00:00.0
Handler Name: MARINE CORPS BASE CAMP LEJEUNE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2014-02-26 00:00:00.0
Handler Name: MARINE CORPS BASE CAMP LEJEUNE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2016-02-11 00:00:00.0
Handler Name: MARINE CORPS BASE CAMP LEJEUNE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2018-02-14 00:00:00.0
Handler Name: MARINE CORPS BASE CAMP LEJEUNE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 2020-02-25 00:00:00.0
Handler Name: MARINE CORPS BASE CAMP LEJEUNE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 1994-05-18 00:00:00.0
Handler Name: US MARINE CORPS BASE CAMP LEJEUNE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
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: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2019-06-05 00:00:00.0
Handler Name: MARINE CORPS BASE CAMP LEJEUNE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Receive Date: 2000-02-08 00:00:00.0
Handler Name: US MARINE CORPS BASE CAMP LEJEUNE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
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: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2003-02-14 00:00:00.0
Handler Name: USMARINE CORPS:COMMANDING GENERL:EMD/ECB
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
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: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2007-11-30 00:00:00.0
Handler Name: MARINE CORPS BASE, CAMP LEJEUNE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2017-08-15 00:00:00.0
Handler Name: MARINE CORPS BASE CAMP LEJEUNE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2020-07-08 00:00:00.0
Handler Name: MARINE CORPS BASE CAMP LEJEUNE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

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

Receive Date: 1990-03-01 00:00:00.0
Handler Name: US MARINE CORPS BASE - BUILD 1103
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
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: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1992-04-05 00:00:00.0
Handler Name: U.S. MARINE CORPS. BASE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
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: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1994-03-07 00:00:00.0
Handler Name: UNITED STATES MARINE CORPS
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
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: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1996-03-11 00:00:00.0
Handler Name: U. S. MARINE CORPS BASE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
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: No

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Database(s)

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1998-11-13 00:00:00.0
Handler Name: US MARINE CORP CAMP LEJEUNE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
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: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2000-02-28 00:00:00.0
Handler Name: MCB, CAMP LEJEUNE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
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: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2003-01-30 00:00:00.0
Handler Name: MARINE CORPS BASE, CAMP LEJEUNE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
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: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2004-02-26 00:00:00.0
Handler Name: MARINE CORPS BASE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 92811

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

NAICS Description: NATIONAL SECURITY

NAICS Code: 928110

NAICS Description: NATIONAL SECURITY

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	1990-03-20 00:00:00.0
Actual Return to Compliance Date:	1990-09-27 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	1990-05-20 00:00:00.0
Enforcement Identifier:	006
Date of Enforcement Action:	1990-07-30 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

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EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - General
Date Violation was Determined:	2009-06-02 00:00:00.0
Actual Return to Compliance Date:	2009-10-23 00:00:00.0
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1988-09-28 00:00:00.0
Actual Return to Compliance Date:	1989-03-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	1989-03-20 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	1989-02-06 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1986-06-26 00:00:00.0
Actual Return to Compliance Date:	1986-06-26 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	007
Date of Enforcement Action:	1986-09-12 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2009-06-01 00:00:00.0
Actual Return to Compliance Date:	2009-10-23 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	033
Date of Enforcement Action:	2009-09-25 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	2009-126
Enforcement Attorney:	NCAG
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	2009-10-15 00:00:00.0
Disposition Status:	AS
Disposition Status Description:	ACTION SATISFIED (CASE CLOSED)
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NC006
Enforcement Responsible Sub-Organization:	07
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD - General
Date Violation was Determined: 1986-06-26 00:00:00.0
Actual Return to Compliance Date: 1986-06-26 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 007
Date of Enforcement Action: 1986-09-12 00:00:00.0
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1988-09-28 00:00:00.0
Actual Return to Compliance Date:	1989-03-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1989-03-20 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	1989-02-06 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1986-06-26 00:00:00.0
Actual Return to Compliance Date:	1986-06-26 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	1989-06-28 00:00:00.0
Actual Return to Compliance Date:	1989-06-28 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1990-02-12 00:00:00.0
Enforcement Identifier:	005
Date of Enforcement Action:	1990-01-03 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount: 27500
Final Monetary Amount: 27500
Paid Amount: Not reported
Final Count: 1
Final Amount: 27500

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Preparedness and Prevention
Date Violation was Determined:	1991-05-21 00:00:00.0
Actual Return to Compliance Date:	1991-10-16 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1991-10-14 00:00:00.0
Enforcement Identifier:	013
Date of Enforcement Action:	1991-05-21 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NC009
Enforcement Responsible Sub-Organization:	07
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Used Oil - Generators
Date Violation was Determined: 2009-06-01 00:00:00.0
Actual Return to Compliance Date: 2009-10-23 00:00:00.0
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 033
Date of Enforcement Action: 2009-09-25 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: 2009-126
Enforcement Attorney: NCAG

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	2009-10-15 00:00:00.0
Disposition Status:	AS
Disposition Status Description:	ACTION SATISFIED (CASE CLOSED)
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NC006
Enforcement Responsible Sub-Organization:	07
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1998-02-23 00:00:00.0
Actual Return to Compliance Date:	1998-04-17 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1998-03-23 00:00:00.0
Enforcement Identifier:	025
Date of Enforcement Action:	1998-03-31 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	98-052
Enforcement Attorney:	NC005
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL IMMINENT HAZARD ORDER
Enforcement Responsible Person:	NC009
Enforcement Responsible Sub-Organization:	07
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	1988-09-28 00:00:00.0
Actual Return to Compliance Date:	1989-03-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	1989-03-20 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	1989-02-06 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1996-05-07 00:00:00.0
Actual Return to Compliance Date:	1996-05-07 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Contingency Plan and Emergency Procedures
Date Violation was Determined:	1991-05-21 00:00:00.0
Actual Return to Compliance Date:	1991-10-16 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1991-10-14 00:00:00.0
Enforcement Identifier:	013
Date of Enforcement Action:	1991-05-21 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NC009
Enforcement Responsible Sub-Organization:	07
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1996-05-07 00:00:00.0
Actual Return to Compliance Date:	1996-05-07 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2009-06-02 00:00:00.0
Actual Return to Compliance Date:	2009-10-23 00:00:00.0
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - General
Date Violation was Determined: 1996-05-07 00:00:00.0
Actual Return to Compliance Date: 1996-05-07 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

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Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

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EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Preparedness and Prevention
Date Violation was Determined:	1991-05-21 00:00:00.0
Actual Return to Compliance Date:	1991-10-16 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1991-10-14 00:00:00.0
Enforcement Identifier:	013
Date of Enforcement Action:	1991-05-21 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NC009
Enforcement Responsible Sub-Organization:	07
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1996-05-07 00:00:00.0
Actual Return to Compliance Date:	1996-05-07 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	008
Date of Enforcement Action:	1987-08-11 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	1990-03-29 00:00:00.0
Actual Return to Compliance Date:	1990-03-29 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1989-06-28 00:00:00.0
Actual Return to Compliance Date:	1989-06-28 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	APT
Date of Enforcement Action:	1989-06-28 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R4
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement Responsible Person:	R4
Enforcement Responsible Sub-Organization:	EC
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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Database(s)

EDR ID Number
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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1988-09-28 00:00:00.0
Actual Return to Compliance Date:	1989-03-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1989-03-20 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	1989-02-06 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2009-06-01 00:00:00.0
Actual Return to Compliance Date:	2009-10-23 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	033
Date of Enforcement Action:	2009-09-25 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	2009-126
Enforcement Attorney:	NCAG

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	2009-10-15 00:00:00.0
Disposition Status:	AS
Disposition Status Description:	ACTION SATISFIED (CASE CLOSED)
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NC006
Enforcement Responsible Sub-Organization:	07
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Formal Enforcement Agreement or Order
Date Violation was Determined:	1987-03-31 00:00:00.0
Actual Return to Compliance Date:	1987-03-31 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1987-09-11 00:00:00.0
Enforcement Identifier:	008
Date of Enforcement Action:	1987-08-11 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	1989-06-28 00:00:00.0
Actual Return to Compliance Date:	1989-06-28 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	APT
Date of Enforcement Action:	1989-06-28 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R4
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement Responsible Person:	R4
Enforcement Responsible Sub-Organization:	EC
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD - General
Date Violation was Determined: 1989-06-28 00:00:00.0
Actual Return to Compliance Date: 1989-06-28 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 1990-02-12 00:00:00.0
Enforcement Identifier: 005
Date of Enforcement Action: 1990-01-03 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

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EDR ID Number
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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	27500
Final Monetary Amount:	27500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	27500
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1986-06-26 00:00:00.0
Actual Return to Compliance Date:	1986-06-26 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	007
Date of Enforcement Action:	1986-09-12 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	1991-05-21 00:00:00.0
Actual Return to Compliance Date:	1991-10-16 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1991-10-14 00:00:00.0
Enforcement Identifier:	013
Date of Enforcement Action:	1991-05-21 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NC009
Enforcement Responsible Sub-Organization:	07
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1990-03-29 00:00:00.0
Actual Return to Compliance Date:	1990-03-29 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - General
Date Violation was Determined:	1996-05-07 00:00:00.0
Actual Return to Compliance Date:	1996-05-07 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1996-05-07 00:00:00.0
Actual Return to Compliance Date:	1996-05-07 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1986-06-26 00:00:00.0
Actual Return to Compliance Date:	1986-06-26 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1987-03-13 00:00:00.0
Enforcement Identifier:	004
Date of Enforcement Action:	1987-02-26 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

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EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Contingency Plan and Emergency Procedures
Date Violation was Determined:	1991-05-21 00:00:00.0
Actual Return to Compliance Date:	1991-10-16 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1991-10-14 00:00:00.0
Enforcement Identifier:	013
Date of Enforcement Action:	1991-05-21 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NC009
Enforcement Responsible Sub-Organization:	07
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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Database(s)

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1996-05-07 00:00:00.0
Actual Return to Compliance Date:	1996-05-07 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	008
Date of Enforcement Action:	1987-08-11 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD - General
Date Violation was Determined: 1987-03-31 00:00:00.0
Actual Return to Compliance Date: 1987-03-31 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 1987-09-11 00:00:00.0
Enforcement Identifier: 008
Date of Enforcement Action: 1987-08-11 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MAP FINDINGS

Site

Database(s)

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EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD - General
Date Violation was Determined: 1987-03-31 00:00:00.0
Actual Return to Compliance Date: 1987-03-31 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: APT
Date of Enforcement Action: 1987-03-31 00:00:00.0
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: R4

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement Responsible Person:	R4
Enforcement Responsible Sub-Organization:	EC
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1991-05-21 00:00:00.0
Actual Return to Compliance Date:	1991-10-16 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1991-10-14 00:00:00.0
Enforcement Identifier:	013
Date of Enforcement Action:	1991-05-21 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NC009
Enforcement Responsible Sub-Organization:	07
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	1990-03-27 00:00:00.0
Actual Return to Compliance Date:	1990-03-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1993-08-25 00:00:00.0
Actual Return to Compliance Date:	1998-04-23 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1993-10-10 00:00:00.0
Enforcement Identifier:	015
Date of Enforcement Action:	1993-08-25 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	NC

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NC009
Enforcement Responsible Sub-Organization:	07
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1990-03-27 00:00:00.0
Actual Return to Compliance Date:	1990-03-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD - General
Date Violation was Determined: 1986-06-26 00:00:00.0
Actual Return to Compliance Date: 1986-06-26 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 1987-03-13 00:00:00.0
Enforcement Identifier: 004
Date of Enforcement Action: 1987-02-26 00:00:00.0
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1991-05-21 00:00:00.0
Actual Return to Compliance Date:	1991-10-16 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1991-10-14 00:00:00.0
Enforcement Identifier:	013
Date of Enforcement Action:	1991-05-21 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NC009
Enforcement Responsible Sub-Organization:	07
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1996-05-07 00:00:00.0
Actual Return to Compliance Date:	1996-05-07 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Used Oil - Generators
Date Violation was Determined: 2009-06-02 00:00:00.0
Actual Return to Compliance Date: 2009-10-23 00:00:00.0
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1998-02-23 00:00:00.0
Actual Return to Compliance Date:	1998-04-17 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	027
Date of Enforcement Action:	1998-02-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	98-097
Enforcement Attorney:	NC
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NC006
Enforcement Responsible Sub-Organization:	07
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	1988-09-28 00:00:00.0
Actual Return to Compliance Date:	1989-03-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1989-03-20 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	1989-02-06 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	1989-06-28 00:00:00.0
Actual Return to Compliance Date:	1989-06-28 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	APT
Date of Enforcement Action:	1989-06-28 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R4
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement Responsible Person:	R4
Enforcement Responsible Sub-Organization:	EC
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	1990-03-29 00:00:00.0
Actual Return to Compliance Date:	1990-03-29 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1987-03-31 00:00:00.0
Actual Return to Compliance Date:	1987-03-31 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1993-08-25 00:00:00.0
Actual Return to Compliance Date:	1998-04-23 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1993-10-10 00:00:00.0
Enforcement Identifier:	015
Date of Enforcement Action:	1993-08-25 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	NC

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EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NC009
Enforcement Responsible Sub-Organization:	07
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Formal Enforcement Agreement or Order
Date Violation was Determined:	1987-03-31 00:00:00.0
Actual Return to Compliance Date:	1987-03-31 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	APT
Date of Enforcement Action:	1987-03-31 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R4
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement Responsible Person:	R4
Enforcement Responsible Sub-Organization:	EC
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1991-05-21 00:00:00.0
Actual Return to Compliance Date:	1991-10-16 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1991-10-14 00:00:00.0
Enforcement Identifier:	013
Date of Enforcement Action:	1991-05-21 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NC009
Enforcement Responsible Sub-Organization:	07
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	1991-05-21 00:00:00.0
Actual Return to Compliance Date:	1991-10-16 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1991-10-14 00:00:00.0
Enforcement Identifier:	013
Date of Enforcement Action:	1991-05-21 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

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EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NC009
Enforcement Responsible Sub-Organization:	07
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Contingency Plan and Emergency Procedures
Date Violation was Determined:	1992-02-19 00:00:00.0
Actual Return to Compliance Date:	1992-03-19 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-03-19 00:00:00.0
Enforcement Identifier:	014
Date of Enforcement Action:	1992-02-19 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NC009
Enforcement Responsible Sub-Organization:	07
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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Database(s)

EDR ID Number
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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1986-06-26 00:00:00.0
Actual Return to Compliance Date:	1986-06-26 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

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EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1986-06-26 00:00:00.0
Actual Return to Compliance Date:	1986-06-26 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1987-03-20 00:00:00.0
Enforcement Identifier:	004
Date of Enforcement Action:	1987-02-26 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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Database(s)

EDR ID Number
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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: LDR - General
Date Violation was Determined: 1990-03-27 00:00:00.0
Actual Return to Compliance Date: 1990-03-27 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

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EDR ID Number
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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1996-05-07 00:00:00.0
Actual Return to Compliance Date:	1996-05-07 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD - General
Date Violation was Determined: 1986-06-26 00:00:00.0
Actual Return to Compliance Date: 1986-06-26 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1997-03-12 00:00:00.0
Actual Return to Compliance Date:	1998-12-21 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1998-05-18 00:00:00.0
Enforcement Identifier:	025
Date of Enforcement Action:	1998-03-31 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	98-052
Enforcement Attorney:	NC005
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL IMMINENT HAZARD ORDER
Enforcement Responsible Person:	NC009
Enforcement Responsible Sub-Organization:	07
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: LDR - General
Date Violation was Determined: 1989-06-28 00:00:00.0
Actual Return to Compliance Date: 1989-06-28 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 1990-02-12 00:00:00.0
Enforcement Identifier: 005
Date of Enforcement Action: 1990-01-03 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

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EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	27500
Final Monetary Amount:	27500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	27500
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1996-05-07 00:00:00.0
Actual Return to Compliance Date:	1996-05-07 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1990-03-29 00:00:00.0
Actual Return to Compliance Date:	1990-03-29 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1991-05-21 00:00:00.0
Actual Return to Compliance Date:	1991-10-16 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1991-10-14 00:00:00.0
Enforcement Identifier:	013
Date of Enforcement Action:	1991-05-21 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NC009
Enforcement Responsible Sub-Organization:	07
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 1995-09-13 00:00:00.0
Actual Return to Compliance Date: 1998-04-23 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 1995-10-14 00:00:00.0
Enforcement Identifier: 021
Date of Enforcement Action: 1995-09-14 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: 95-630
Enforcement Attorney: NC

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EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NC009
Enforcement Responsible Sub-Organization:	07
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	1988-09-28 00:00:00.0
Actual Return to Compliance Date:	1989-03-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	1989-03-20 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	1989-02-06 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:

Evaluation Date: 1990-07-26 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: NC012
Evaluation Responsible Sub-Organization: 03
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1990-03-20 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: 03
Actual Return to Compliance Date: 1990-09-27 00:00:00.0
Scheduled Compliance Date: 1990-05-20 00:00:00.0
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2009-06-02 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NMM

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2009-10-23 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1996-05-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC009
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1995-11-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	NC009
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-28 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-03-30 00:00:00.0
Scheduled Compliance Date:	1989-03-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1986-06-26 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1986-06-26 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2008-07-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC006
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-06-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC006
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	2009-10-23 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2014-09-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	NCKLO
Evaluation Responsible Sub-Organization:	NCP
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-11-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	NCKLO
Evaluation Responsible Sub-Organization:	NCP
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-04-26 00:00:00.0
Evaluation Responsible Agency:	State

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	NC006
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-10-01 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1986-06-26 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1986-06-26 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1999-01-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC006
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC009
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	1989-03-30 00:00:00.0

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EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Scheduled Compliance Date:	1989-03-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1986-06-26 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1986-06-26 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1989-06-28 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R4GMA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-06-28 00:00:00.0
Scheduled Compliance Date:	1990-02-12 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2012-02-08 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC036
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2007-01-11 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC006
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Evaluation Date: 2016-06-30 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NC036
Evaluation Responsible Sub-Organization: 07
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1997-05-28 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier: NC009
Evaluation Responsible Sub-Organization: 07
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1996-05-09 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier: NC009
Evaluation Responsible Sub-Organization: 07
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1991-05-21 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NC009
Evaluation Responsible Sub-Organization: 07
Actual Return to Compliance Date: 1991-10-16 00:00:00.0
Scheduled Compliance Date: 1991-10-14 00:00:00.0
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1992-03-30 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier: NC009

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EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-06-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC006
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	2009-10-23 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1997-05-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC009
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1998-02-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC006
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	1998-04-17 00:00:00.0
Scheduled Compliance Date:	1998-03-23 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-28 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-03-30 00:00:00.0
Scheduled Compliance Date:	1989-03-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported

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EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1996-05-07 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ANEWM
Evaluation Responsible Sub-Organization:	RC
Actual Return to Compliance Date:	1996-05-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1991-05-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC009
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	1991-10-16 00:00:00.0
Scheduled Compliance Date:	1991-10-14 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1996-05-07 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ANEWM
Evaluation Responsible Sub-Organization:	RC
Actual Return to Compliance Date:	1996-05-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1995-09-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	NC009
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2014-08-13 00:00:00.0
Evaluation Responsible Agency:	State

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EDR ID Number
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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC036
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1997-03-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	NC007
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-06-02 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NMM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2009-10-23 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2018-06-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC036
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1996-05-07 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ANewM
Evaluation Responsible Sub-Organization:	RC
Actual Return to Compliance Date:	1996-05-07 00:00:00.0

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2000-09-26 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier: NC009
Evaluation Responsible Sub-Organization: 07
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2016-05-12 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: NCKLO
Evaluation Responsible Sub-Organization: NCP
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2006-09-13 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NC006
Evaluation Responsible Sub-Organization: 07
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1991-10-16 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier: NC009
Evaluation Responsible Sub-Organization: 07
Actual Return to Compliance Date: 1991-10-16 00:00:00.0
Scheduled Compliance Date: 1991-10-14 00:00:00.0
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Evaluation Date: 1996-05-07 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: ANEWM
Evaluation Responsible Sub-Organization: RC
Actual Return to Compliance Date: 1996-05-07 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1990-03-29 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1990-03-29 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2009-07-09 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: NCKLO
Evaluation Responsible Sub-Organization: NCP
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1994-12-06 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier: NC009
Evaluation Responsible Sub-Organization: 07
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2009-12-16 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NC006

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1989-06-28 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R4GMA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-06-28 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2020-09-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NCWHX
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1993-08-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC009
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

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EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2019-08-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NCWHX
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2014-01-08 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	NCKLO
Evaluation Responsible Sub-Organization:	NCP
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-12-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC006
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC009
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	1989-03-30 00:00:00.0
Scheduled Compliance Date:	1989-03-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-06-01 00:00:00.0
Evaluation Responsible Agency:	State

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EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NC006
Evaluation Responsible Sub-Organization: 07
Actual Return to Compliance Date: 2009-10-23 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1987-03-31 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1987-03-31 00:00:00.0
Scheduled Compliance Date: 1987-09-11 00:00:00.0
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2003-08-19 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NC006
Evaluation Responsible Sub-Organization: 07
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2017-06-15 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NC036
Evaluation Responsible Sub-Organization: 07
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1989-06-28 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R4GMA
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1989-06-28 00:00:00.0

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EDR ID Number
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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2015-08-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC036
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1989-06-28 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R4GMA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-06-28 00:00:00.0
Scheduled Compliance Date:	1990-02-12 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1986-06-26 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1986-06-26 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1991-05-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC009
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	1991-10-16 00:00:00.0
Scheduled Compliance Date:	1991-10-14 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

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EDR ID Number
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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Evaluation Date: 1990-03-29 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1990-03-29 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1996-05-07 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: ANEWM
Evaluation Responsible Sub-Organization: RC
Actual Return to Compliance Date: 1996-05-07 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1996-05-07 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: ANEWM
Evaluation Responsible Sub-Organization: RC
Actual Return to Compliance Date: 1996-05-07 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1986-06-26 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1986-06-26 00:00:00.0
Scheduled Compliance Date: 1987-03-13 00:00:00.0
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1991-10-16 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier: NC009

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	1991-10-16 00:00:00.0
Scheduled Compliance Date:	1991-10-14 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-10-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	NC006
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-09-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC009
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1997-03-11 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	NC009
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2013-07-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC036
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

Map ID
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Distance
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1996-05-07 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ANEWM
Evaluation Responsible Sub-Organization:	RC
Actual Return to Compliance Date:	1996-05-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2002-08-06 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R4RGJ
Evaluation Responsible Sub-Organization:	ECB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2002-04-03 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC006
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-03-31 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1987-03-31 00:00:00.0
Scheduled Compliance Date:	1987-09-11 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1996-03-12 00:00:00.0
Evaluation Responsible Agency:	State

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	NCCAR
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1986-06-27 00:00:00.0
Evaluation Responsible Agency:	EPA-Initiated Oversight/Observation/Training Actions
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-03-31 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1987-03-31 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1991-05-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC009
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	1991-10-16 00:00:00.0
Scheduled Compliance Date:	1991-10-14 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-03-27 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R4JMI
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-03-27 00:00:00.0

Map ID
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EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1993-08-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC036
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	1998-04-23 00:00:00.0
Scheduled Compliance Date:	1993-10-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-03-27 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R4JMI
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-03-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1998-12-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	NC017
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1986-06-26 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1986-06-26 00:00:00.0
Scheduled Compliance Date:	1987-03-13 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

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EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Evaluation Date:	1991-10-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	NC009
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	1991-10-16 00:00:00.0
Scheduled Compliance Date:	1991-10-14 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1996-05-07 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ANEWM
Evaluation Responsible Sub-Organization:	RC
Actual Return to Compliance Date:	1996-05-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-08-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	NC009
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2002-04-11 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC006
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2000-09-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	NC006

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EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-06-02 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NMM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2009-10-23 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2015-07-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	NCKLO
Evaluation Responsible Sub-Organization:	NCP
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1998-02-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC006
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	1998-04-17 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC009
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	1989-03-30 00:00:00.0
Scheduled Compliance Date:	1989-03-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported

Map ID
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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1989-06-28 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R4GMA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-06-28 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-03-29 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-03-29 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-03-31 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1987-03-31 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1995-10-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	NC009
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-09-27 00:00:00.0
Evaluation Responsible Agency:	State

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EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	NC009
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1993-08-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC036
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	1998-04-23 00:00:00.0
Scheduled Compliance Date:	1993-10-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-03-31 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1987-03-31 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1991-05-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC009
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	1991-10-16 00:00:00.0
Scheduled Compliance Date:	1991-10-14 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1991-10-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	NC009
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	1991-10-16 00:00:00.0

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EDR ID Number
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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Scheduled Compliance Date: 1991-10-14 00:00:00.0
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1992-02-19 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NC009
Evaluation Responsible Sub-Organization: 07
Actual Return to Compliance Date: 1992-03-19 00:00:00.0
Scheduled Compliance Date: 1992-03-19 00:00:00.0
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1986-06-26 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1986-06-26 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1989-03-30 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier: NC009
Evaluation Responsible Sub-Organization: 07
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1986-06-26 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1986-06-26 00:00:00.0
Scheduled Compliance Date: 1987-03-20 00:00:00.0
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Map ID
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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Evaluation Date: 2006-09-05 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: ANEWM
Evaluation Responsible Sub-Organization: ECB
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1990-03-27 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R4JMI
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1990-03-27 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1996-05-07 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: ANEWM
Evaluation Responsible Sub-Organization: RC
Actual Return to Compliance Date: 1996-05-07 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1987-03-24 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1986-06-26 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported

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EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1986-06-26 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1998-02-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC006
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	1998-12-21 00:00:00.0
Scheduled Compliance Date:	1998-05-18 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2001-08-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC006
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1989-06-28 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R4GMA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-06-28 00:00:00.0
Scheduled Compliance Date:	1990-02-12 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1996-05-07 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ANEWM
Evaluation Responsible Sub-Organization:	RC
Actual Return to Compliance Date:	1996-05-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-03-29 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-03-29 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2011-11-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	NC036
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1991-10-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	NC009
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	1991-10-16 00:00:00.0
Scheduled Compliance Date:	1991-10-14 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2000-03-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC006
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1995-09-14 00:00:00.0
Evaluation Responsible Agency:	State

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC009
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	1998-04-23 00:00:00.0
Scheduled Compliance Date:	1995-10-14 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-28 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-03-30 00:00:00.0
Scheduled Compliance Date:	1989-03-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-09-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	NC036
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2012-03-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	NCKLO
Evaluation Responsible Sub-Organization:	NCP
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

RCRA-LQG:

Date Form Received by Agency:	2020-07-08 00:00:00.0
Handler Name:	MARINE CORPS BASE CAMP LEJEUNE
Handler Address:	977 MICHAEL RD
Handler City,State,Zip:	CAMP LEJEUNE, NC 28547
EPA ID:	NC6170022580
Contact Name:	ANTHONY L RECOB
Contact Address:	POST LANE
Contact City,State,Zip:	CAMP LEJEUNE, NC 28547
Contact Telephone:	910-451-5306
Contact Fax:	910-451-3471
Contact Email:	ANTHONY.RECOB@USMC.MIL
Contact Title:	HEAD RCRS
EPA Region:	04
Land Type:	Federal
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities, Permitting Activities, Corrective Action Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	POST LANE
Mailing City,State,Zip:	CAMP LEJEUNE, NC 28547
Owner Name:	DEPARTMENT OF DEFENSE
Owner Type:	Federal
Operator Name:	COMMANDING GENERAL MCBCL
Operator Type:	Federal
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:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	Yes
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Solid Waste Management Unit
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	The land is federally-owned, The site is federally-owned, The site is federally-operated
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Storage, Treatment
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Storage, Treatment, Solid Waste Management Unit

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

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Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Solid Waste Management Unit
202 GPRA Corrective Action Baseline:	Yes
Corrective Action Workload Universe:	Yes
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	Yes
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	High
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	Yes
Groundwater Controls Indicator:	Yes
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Solid Waste Management Unit
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
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-07-14 12:46:29.0
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

Biennial: List of Years

Year: 2019

Click Here for Biennial Reporting System Data:
Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2015

Click Here for Biennial Reporting System Data:
Year: 2013

Click Here for Biennial Reporting System Data:
Year: 2011

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Year: 2009

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Year: 2005

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Year: 2003

Click Here for Biennial Reporting System Data:
Year: 2001

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

[Click Here for Biennial Reporting System Data:](#)

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D004
Waste Description:	ARSENIC
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D010
Waste Description:	SELENIUM
Waste Code:	D011
Waste Description:	SILVER
Waste Code:	D012
Waste Description:	ENDRIN (1,2,3,4,10,10-HEXACHLORO-1,7-EPOXY-1,4,4A,5,6,7,8,8A-OCTAHYDRO-1,4-EN DO, ENDO-5,8-DIMETH-ANO-NAPHTHALENE)
Waste Code:	D013
Waste Description:	LINDANE (1,2,3,4,5,6-HEXA-CHLOROCYCLOHEXANE, GAMMA ISOMER)
Waste Code:	D014
Waste Description:	METHOXYCHLOR (1,1,1-TRICHLORO-2,2-BIS [P-METHOXYPHENYL] ETHANE)
Waste Code:	D015
Waste Description:	TOXAPHENE (C10 H10 CL8, TECHNICAL CHLORINATED CAMPHENE, 67-69 PERCENT CHLORINE)
Waste Code:	D016
Waste Description:	2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)
Waste Code:	D017
Waste Description:	2,4,5-TP SILVEX (2,4,5-TRICHLOROPHENOXYPROPIONIC ACID)

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

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Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D019
Waste Description:	CARBON TETRACHLORIDE
Waste Code:	D020
Waste Description:	CHLORDANE
Waste Code:	D021
Waste Description:	CHLOROBENZENE
Waste Code:	D022
Waste Description:	CHLOROFORM
Waste Code:	D023
Waste Description:	O-CRESOL
Waste Code:	D024
Waste Description:	M-CRESOL
Waste Code:	D025
Waste Description:	P-CRESOL
Waste Code:	D026
Waste Description:	CRESOL
Waste Code:	D027
Waste Description:	1,4-DICHLOROBENZENE
Waste Code:	D028
Waste Description:	1,2-DICHLOROETHANE
Waste Code:	D029
Waste Description:	1,1-DICHLOROETHYLENE
Waste Code:	D030
Waste Description:	2,4-DINITROTOLUENE
Waste Code:	D031
Waste Description:	HEPTACHLOR (AND ITS EPOXIDE)
Waste Code:	D032
Waste Description:	HEXACHLOROBENZENE
Waste Code:	D033
Waste Description:	HEXACHLOROBUTADIENE
Waste Code:	D034
Waste Description:	HEXACHLOROETHANE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	D036
Waste Description:	NITROBENZENE

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Waste Code:	D037
Waste Description:	PENTACHLOROPHENOL
Waste Code:	D038
Waste Description:	PYRIDINE
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE
Waste Code:	D040
Waste Description:	TRICHLORETHYLENE
Waste Code:	D041
Waste Description:	2,4,5-TRICHLOROPHENOL
Waste Code:	D042
Waste Description:	2,4,6-TRICHLOROPHENOL
Waste Code:	D043
Waste Description:	VINYL CHLORIDE
Waste Code:	F001
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F002
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F004
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE

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SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code:

F005

Waste Description:

THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code:

F006

Waste Description:

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

Waste Code:

P006

Waste Description:

ALUMINUM PHOSPHIDE (R,T)

Waste Code:

P015

Waste Description:

BERYLLIUM

Waste Code:

P018

Waste Description:

BRUCINE (OR) STRYCHNIDIN-10-ONE, 2,3-DIMETHOXY-

Waste Code:

P029

Waste Description:

COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)

Waste Code:

P030

Waste Description:

CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

Waste Code:

P044

Waste Description:

DIMETHOATE (OR) PHOSPHORODITHIOIC ACID, O,O-DIMETHYL S-[2-(METHYLAMINO)-2-OXOETHYL] ESTER

Waste Code:

P075

Waste Description:

NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-, (S)-, & SALTS

Waste Code:

P098

Waste Description:

POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

Waste Code:

P104

Waste Description:

SILVER CYANIDE (OR) SILVER CYANIDE AG(CN)

Waste Code:

P105

Waste Description:

SODIUM AZIDE

Waste Code:

P106

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Waste Description:	SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)
Waste Code:	U002
Waste Description:	2-PROPANONE (I) (OR) ACETONE (I)
Waste Code:	U010
Waste Description:	AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-MET HOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C
Waste Code:	U020
Waste Description:	BENZENESULFONIC ACID CHLORIDE (C,R) (OR) BENZENESULFONYL CHLORIDE (C,R)
Waste Code:	U029
Waste Description:	METHANE, BROMO- (OR) METHYL BROMIDE
Waste Code:	U031
Waste Description:	1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)
Waste Code:	U036
Waste Description:	4,7-METHANO-1H-INDENE, 1,2,4,5,6,7,8,8-OCTACHLORO-2,3,3A,4,7,7A-HEXAHYDRO- (OR) CHLORDANE, ALPHA & GAMMA ISOMERS
Waste Code:	U037
Waste Description:	BENZENE, CHLORO- (OR) CHLOROBENZENE
Waste Code:	U041
Waste Description:	EPICHLOROHYDRIN (OR) OXIRANE, (CHLOROMETHYL)-
Waste Code:	U044
Waste Description:	CHLOROFORM (OR) METHANE, TRICHLORO-
Waste Code:	U051
Waste Description:	CREOSOTE
Waste Code:	U060
Waste Description:	BENZENE, 1,1'-(2,2-DICHLOROETHYLIDENE)BIS[4-CHLORO- (OR) DDD
Waste Code:	U061
Waste Description:	BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS[4-CHLORO- (OR) DDT
Waste Code:	U069
Waste Description:	1,2-BENZENEDICARBOXYLIC ACID, DIBUTYL ESTER (OR) DIBUTYL PHTHALATE
Waste Code:	U070
Waste Description:	BENZENE, 1,2-DICHLORO- (OR) O-DICHLOROBENZENE
Waste Code:	U072
Waste Description:	BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE
Waste Code:	U075
Waste Description:	DICHLORODIFLUOROMETHANE (OR) METHANE, DICHLORODIFLUORO-
Waste Code:	U076

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

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Waste Description:	ETHANE, 1,1-DICHLORO- (OR) ETHYLIDENE DICHLORIDE
Waste Code:	U077
Waste Description:	ETHANE, 1,2-DICHLORO- (OR) ETHYLENE DICHLORIDE
Waste Code:	U080
Waste Description:	METHANE, DICHLORO- (OR) METHYLENE CHLORIDE
Waste Code:	U088
Waste Description:	1,2-BENZENEDICARBOXYLIC ACID, DIETHYL ESTER (OR) DIETHYL PHTHALATE
Waste Code:	U103
Waste Description:	DIMETHYL SULFATE (OR) SULFURIC ACID, DIMETHYL ESTER
Waste Code:	U112
Waste Description:	ACETIC ACID, ETHYL ESTER (I) (OR) ETHYL ACETATE (I)
Waste Code:	U117
Waste Description:	ETHANE, 1,1'-OXYBIS-(I) (OR) ETHYL ETHER (I)
Waste Code:	U121
Waste Description:	METHANE, TRICHLOROFLUORO- (OR) TRICHLOROMONOFUOROMETHANE
Waste Code:	U122
Waste Description:	FORMALDEHYDE
Waste Code:	U129
Waste Description:	CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE
Waste Code:	U132
Waste Description:	HEXACHLOROPHENE (OR) PHENOL, 2,2'-METHYLENEBIS[3,4,6-TRICHLORO-
Waste Code:	U142
Waste Description:	1,3,4-METHENO-2H-CYCLOBUTA[CD]PENTALEN-2-ONE, 1,1A,3,3A,4,5,5,5A,5B,6-DECACHLOROOCCTAHYDRO- (OR) KEPONE
Waste Code:	U151
Waste Description:	MERCURY
Waste Code:	U154
Waste Description:	METHANOL (I) (OR) METHYL ALCOHOL (I)
Waste Code:	U159
Waste Description:	2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)
Waste Code:	U161
Waste Description:	4-METHYL-2-PENTANONE (I) (OR) METHYL ISOBUTYL KETONE (I) (OR) PENTANOL, 4-METHYL-
Waste Code:	U162
Waste Description:	2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER (I,T) (OR) METHYL METHACRYLATE (I,T)
Waste Code:	U165
Waste Description:	NAPHTHALENE

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Waste Code:	U188
Waste Description:	PHENOL
Waste Code:	U210
Waste Description:	ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE
Waste Code:	U211
Waste Description:	CARBON TETRACHLORIDE (OR) METHANE, TETRACHLORO-
Waste Code:	U220
Waste Description:	BENZENE, METHYL- (OR) TOLUENE
Waste Code:	U221
Waste Description:	BENZENEDIAMINE, AR-METHYL- (OR) TOLUENEDIAMINE
Waste Code:	U226
Waste Description:	ETHANE, 1,1,1-TRICHLORO- (OR) METHYL CHLOROFORM
Waste Code:	U228
Waste Description:	ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE
Waste Code:	U229
Waste Description:	Not Defined
Waste Code:	U239
Waste Description:	BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)
Waste Code:	U244
Waste Description:	THIOPEROXYDICARBONIC DIAMIDE [(H ₂ N)C(S)] ₂ S ₂ , TETRAMETHYL- (OR) THIRAM
Waste Code:	U248
Waste Description:	2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYL-BUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS OF 0.3% OR LESS
Waste Code:	U249
Waste Description:	ZINC PHOSPHIDE ZN ₃ P ₂ , WHEN PRESENT AT CONCENTRATIONS OF 10% OR LESS
Waste Code:	U279
Waste Description:	U279
Waste Code:	U359
Waste Description:	ETHANOL, 2-ETHOXY- (OR) ETHYLENE GLYCOL MONOETHYL ETHER
Waste Code:	U411
Waste Description:	U411

Handler - Owner Operator:

Owner/Operator Indicator:

Owner/Operator Name:

Legal Status:

Date Became Current:

Date Ended Current:

Owner/Operator Address:

Owner/Operator City,State,Zip:

Owner/Operator Telephone:

Owner/Operator Telephone Ext:

Operator

MS NANCY RHEAUME

Federal

Not reported

Not reported

BUILDING 1

CAMP LEJEUNE, NC 28542-5004

910-451-1482

Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	USDOD
Legal Status:	Federal
Date Became Current:	1939-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DEPARTMENT OF DEFENSE
Legal Status:	Federal
Date Became Current:	1939-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1 POST LANE
Owner/Operator City,State,Zip:	CAMP LEJEUNE, NC 28542-0004
Owner/Operator Telephone:	910-451-5306
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MAJOR GENERAL R.G. RICHARD
Legal Status:	Federal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PSC BOX 20004
Owner/Operator City,State,Zip:	CAMP LEJEUNE, NC 28542-0004
Owner/Operator Telephone:	910-451-5003
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DEPARTMENT OF DEFENSE
Legal Status:	Federal
Date Became Current:	1939-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PSC BOX 20004
Owner/Operator City,State,Zip:	CAMP LEJEUNE, NC 28542-0004
Owner/Operator Telephone:	910-451-5306
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DEPARTMENT OF DEFENSE
Legal Status:	Federal
Date Became Current:	1939-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1 POST LANE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Owner/Operator City,State,Zip: CAMP LEJEUNE, NC 28542-0004
Owner/Operator Telephone: 910-451-5306
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: ANTHONY.RECOB@USMC.MIL

Owner/Operator Indicator: Owner
Owner/Operator Name: UNITED STATES MARINE CORPS
Legal Status: Federal
Date Became Current: 1939-11-15 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: PSC BOX 20004
Owner/Operator City,State,Zip: CAMP LEJEUNE, NC 28542
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: COMMANDING GENERAL MCIEAST-MCB CAMP LEJEUNE
Legal Status: Federal
Date Became Current: 1939-11-15 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: COMMANDING GENERAL
Legal Status: Federal
Date Became Current: 1941-01-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: COMMANDING OFFICER
Legal Status: Federal
Date Became Current: 1941-01-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: NC
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: DEPARTMENT OF DEFENSE
Legal Status: Federal

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Date Became Current:	1939-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMANDING GENERAL MCBCL
Legal Status:	Federal
Date Became Current:	1939-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1 POST LANE
Owner/Operator City,State,Zip:	CAMP LEJEUNE, NC 28542-0004
Owner/Operator Telephone:	910-451-5306
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COL RICHARD P. FLATAU
Legal Status:	Federal
Date Became Current:	1939-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	PSC BOX 20004
Owner/Operator City,State,Zip:	CAMP LEJEUNE, NC 28542-0004
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMANDING GENERAL MCBCL
Legal Status:	Federal
Date Became Current:	1939-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MAJOR GENERAL R.G. RICHARD
Legal Status:	Federal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PSC BOX 20004
Owner/Operator City,State,Zip:	CAMP LEJEUNE, NC 28542-0004
Owner/Operator Telephone:	910-451-5003
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DEPARTMENT OF DEFENSE
Legal Status:	Federal
Date Became Current:	1939-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1 POST LANE
Owner/Operator City,State,Zip:	CAMP LEJEUNE, NC 28542-0004
Owner/Operator Telephone:	910-451-5306
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	ANTHONY.RECOB@USMC.MIL
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMANDING GENERAL
Legal Status:	Federal
Date Became Current:	1941-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MARINE CORPS BASE, CAMP LEJEUNE
Legal Status:	Federal
Date Became Current:	1941-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1 HOLCOMB BOULEVARD
Owner/Operator City,State,Zip:	CAMP LEJEUNE, NC 28542
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DEPARTMENT OF DEFENSE
Legal Status:	Federal
Date Became Current:	1939-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1 POST LANE
Owner/Operator City,State,Zip:	CAMP LEJEUNE, NC 28542-0004
Owner/Operator Telephone:	910-451-5306
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	ANTHONY.RECOB@USMC.MIL
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMANDING OFFICER
Legal Status:	Federal
Date Became Current:	1941-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	NC
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	MARINE CORPS BASE, CAMP LEJEUNE
Legal Status:	Federal
Date Became Current:	1941-01-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1 HOLCOMB BOULEVARD
Owner/Operator City,State,Zip:	CAMP LEJEUNE, NC 28542
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COLONEL ADELE E. HODGES
Legal Status:	Federal
Date Became Current:	2006-01-23 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	MARINE CORPS BASE, PSC BOX 200
Owner/Operator City,State,Zip:	CAMP LEJEUNE, NC 28542-0004
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	DEPARTMENT OF DEFENSE
Legal Status:	Federal
Date Became Current:	1939-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	DEPARTMENT OF DEFENSE
Legal Status:	Federal
Date Became Current:	1939-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DEPARTMENT OF DEFENSE
Legal Status:	Federal
Date Became Current:	1939-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1 POST LANE

Map ID
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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Owner/Operator City,State,Zip:	CAMP LEJEUNE, NC 28542-0004
Owner/Operator Telephone:	910-451-5306
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	ANTHONY.RECOB@USMC.MIL
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMANDING GENERAL MCBCL
Legal Status:	Federal
Date Became Current:	1939-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1 POST LANE
Owner/Operator City,State,Zip:	CAMP LEJEUNE, NC 28542-0004
Owner/Operator Telephone:	910-451-5306
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COMMANDING GENERAL MCBCL
Legal Status:	Federal
Date Became Current:	1939-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1 POST LANE
Owner/Operator City,State,Zip:	CAMP LEJEUNE, NC 28542-0004
Owner/Operator Telephone:	910-451-5306
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	US DOD
Legal Status:	Federal
Date Became Current:	1939-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DEPARTMENT OF DEFENSE
Legal Status:	Federal
Date Became Current:	1939-11-15 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	1 POST LANE
Owner/Operator City,State,Zip:	CAMP LEJEUNE, NC 28542-0004
Owner/Operator Telephone:	910-451-5306
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	DEPARTMENT OF DEFENSE
Legal Status:	Federal

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Date Became Current: 1939-11-15 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: PSC BOX 20004
Owner/Operator City,State,Zip: CAMP LEJEUNE, NC 28542-0004
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: COMMANDING GENERAL MCBCL
Legal Status: Federal
Date Became Current: 1939-11-15 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 1 POST LANE
Owner/Operator City,State,Zip: CAMP LEJEUNE, NC 28542-0004
Owner/Operator Telephone: 910-451-5306
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: UNITED STATES MARINE CORPS
Legal Status: Federal
Date Became Current: 1939-11-15 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: NC
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 2000-02-08 00:00:00.0
Handler Name: US MARINE CORPS BASE CAMP LEJEUNE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
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: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2007-09-13 00:00:00.0
Handler Name: MARINE CORPS BASE, CAMP LEJEUNE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2009-05-07 00:00:00.0
Handler Name: MARINE CORPS BASE, CAMP LEJEUNE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2006-04-03 00:00:00.0
Handler Name: MARINE CORPS BASE, CAMP LEJEUNE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2010-03-18 00:00:00.0
Handler Name: MARINE CORPS BASE CAMP LEJEUNE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2012-03-02 00:00:00.0
Handler Name: MARINE CORPS BASE CAMP LEJEUNE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2014-02-26 00:00:00.0
Handler Name: MARINE CORPS BASE CAMP LEJEUNE

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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2016-02-11 00:00:00.0
Handler Name: MARINE CORPS BASE CAMP LEJEUNE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2018-02-14 00:00:00.0
Handler Name: MARINE CORPS BASE CAMP LEJEUNE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 2020-02-25 00:00:00.0
Handler Name: MARINE CORPS BASE CAMP LEJEUNE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 1994-05-18 00:00:00.0
Handler Name: US MARINE CORPS BASE CAMP LEJEUNE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2019-06-05 00:00:00.0
Handler Name: MARINE CORPS BASE CAMP LEJEUNE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 2000-02-08 00:00:00.0
Handler Name: US MARINE CORPS BASE CAMP LEJEUNE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
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: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2003-02-14 00:00:00.0
Handler Name: USMARINE CORPS:COMMANDING GENERL:EMD/ECB
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
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: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2007-11-30 00:00:00.0
Handler Name: MARINE CORPS BASE, CAMP LEJEUNE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Map ID
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Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Receive Date: 2017-08-15 00:00:00.0
Handler Name: MARINE CORPS BASE CAMP LEJEUNE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2020-07-08 00:00:00.0
Handler Name: MARINE CORPS BASE CAMP LEJEUNE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: Yes
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

Receive Date: 1990-03-01 00:00:00.0
Handler Name: US MARINE CORPS BASE - BUILD 1103
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
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: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1992-04-05 00:00:00.0
Handler Name: U.S. MARINE CORPS. BASE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
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: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1994-03-07 00:00:00.0
Handler Name: UNITED STATES MARINE CORPS
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No

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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1996-03-11 00:00:00.0
Handler Name: U. S. MARINE CORPS BASE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
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: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1998-11-13 00:00:00.0
Handler Name: US MARINE CORP CAMP LEJEUNE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
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: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2000-02-28 00:00:00.0
Handler Name: MCB, CAMP LEJEUNE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
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: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2003-01-30 00:00:00.0
Handler Name: MARINE CORPS BASE, CAMP LEJEUNE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
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: No

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EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2004-02-26 00:00:00.0
Handler Name:	MARINE CORPS BASE
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	Yes
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	92811
NAICS Description:	NATIONAL SECURITY
NAICS Code:	928110
NAICS Description:	NATIONAL SECURITY

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	1990-03-20 00:00:00.0
Actual Return to Compliance Date:	1990-09-27 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	1990-05-20 00:00:00.0
Enforcement Identifier:	006
Date of Enforcement Action:	1990-07-30 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - General
Date Violation was Determined:	2009-06-02 00:00:00.0
Actual Return to Compliance Date:	2009-10-23 00:00:00.0
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD - General
Date Violation was Determined: 1988-09-28 00:00:00.0
Actual Return to Compliance Date: 1989-03-30 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: EPA
Scheduled Compliance Date: 1989-03-20 00:00:00.0
Enforcement Identifier: 001
Date of Enforcement Action: 1989-02-06 00:00:00.0
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1986-06-26 00:00:00.0
Actual Return to Compliance Date:	1986-06-26 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	007
Date of Enforcement Action:	1986-09-12 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	2009-06-01 00:00:00.0
Actual Return to Compliance Date:	2009-10-23 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	033
Date of Enforcement Action:	2009-09-25 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	2009-126
Enforcement Attorney:	NCAG

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	2009-10-15 00:00:00.0
Disposition Status:	AS
Disposition Status Description:	ACTION SATISFIED (CASE CLOSED)
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NC006
Enforcement Responsible Sub-Organization:	07
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1986-06-26 00:00:00.0
Actual Return to Compliance Date:	1986-06-26 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	007
Date of Enforcement Action:	1986-09-12 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1988-09-28 00:00:00.0
Actual Return to Compliance Date:	1989-03-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1989-03-20 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	1989-02-06 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1986-06-26 00:00:00.0
Actual Return to Compliance Date:	1986-06-26 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	1989-06-28 00:00:00.0
Actual Return to Compliance Date:	1989-06-28 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1990-02-12 00:00:00.0
Enforcement Identifier:	005
Date of Enforcement Action:	1990-01-03 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	27500
Final Monetary Amount:	27500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	27500
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Preparedness and Prevention
Date Violation was Determined:	1991-05-21 00:00:00.0
Actual Return to Compliance Date:	1991-10-16 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1991-10-14 00:00:00.0
Enforcement Identifier:	013
Date of Enforcement Action:	1991-05-21 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NC009
Enforcement Responsible Sub-Organization:	07
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Used Oil - Generators
Date Violation was Determined:	2009-06-01 00:00:00.0
Actual Return to Compliance Date:	2009-10-23 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	033
Date of Enforcement Action:	2009-09-25 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	2009-126
Enforcement Attorney:	NCAG
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	2009-10-15 00:00:00.0
Disposition Status:	AS
Disposition Status Description:	ACTION SATISFIED (CASE CLOSED)
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NC006
Enforcement Responsible Sub-Organization:	07
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

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Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1998-02-23 00:00:00.0
Actual Return to Compliance Date:	1998-04-17 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1998-03-23 00:00:00.0
Enforcement Identifier:	025
Date of Enforcement Action:	1998-03-31 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	98-052
Enforcement Attorney:	NC005
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL IMMINENT HAZARD ORDER
Enforcement Responsible Person:	NC009
Enforcement Responsible Sub-Organization:	07
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	1988-09-28 00:00:00.0
Actual Return to Compliance Date:	1989-03-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	1989-03-20 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	1989-02-06 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1996-05-07 00:00:00.0
Actual Return to Compliance Date:	1996-05-07 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

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Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Contingency Plan and Emergency Procedures
Date Violation was Determined:	1991-05-21 00:00:00.0
Actual Return to Compliance Date:	1991-10-16 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1991-10-14 00:00:00.0
Enforcement Identifier:	013
Date of Enforcement Action:	1991-05-21 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NC009
Enforcement Responsible Sub-Organization:	07
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1996-05-07 00:00:00.0
Actual Return to Compliance Date:	1996-05-07 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 2009-06-02 00:00:00.0
Actual Return to Compliance Date: 2009-10-23 00:00:00.0
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

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Database(s)

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EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - General
Date Violation was Determined:	1996-05-07 00:00:00.0
Actual Return to Compliance Date:	1996-05-07 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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Database(s)

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EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Preparedness and Prevention
Date Violation was Determined:	1991-05-21 00:00:00.0
Actual Return to Compliance Date:	1991-10-16 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1991-10-14 00:00:00.0
Enforcement Identifier:	013
Date of Enforcement Action:	1991-05-21 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NC009
Enforcement Responsible Sub-Organization:	07
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1996-05-07 00:00:00.0
Actual Return to Compliance Date:	1996-05-07 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	008
Date of Enforcement Action:	1987-08-11 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	1990-03-29 00:00:00.0
Actual Return to Compliance Date:	1990-03-29 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD - General
Date Violation was Determined: 1989-06-28 00:00:00.0
Actual Return to Compliance Date: 1989-06-28 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: APT
Date of Enforcement Action: 1989-06-28 00:00:00.0
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: R4

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement Responsible Person:	R4
Enforcement Responsible Sub-Organization:	EC
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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Database(s)

EDR ID Number
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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

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Database(s)

EDR ID Number
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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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Database(s)

EDR ID Number
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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

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EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1988-09-28 00:00:00.0
Actual Return to Compliance Date:	1989-03-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1989-03-20 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	1989-02-06 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	2009-06-01 00:00:00.0
Actual Return to Compliance Date:	2009-10-23 00:00:00.0
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	033
Date of Enforcement Action:	2009-09-25 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	2009-126
Enforcement Attorney:	NCAG
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	2009-10-15 00:00:00.0
Disposition Status:	AS
Disposition Status Description:	ACTION SATISFIED (CASE CLOSED)
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NC006
Enforcement Responsible Sub-Organization:	07
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Formal Enforcement Agreement or Order
Date Violation was Determined:	1987-03-31 00:00:00.0
Actual Return to Compliance Date:	1987-03-31 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1987-09-11 00:00:00.0
Enforcement Identifier:	008
Date of Enforcement Action:	1987-08-11 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: LDR - General
Date Violation was Determined: 1989-06-28 00:00:00.0
Actual Return to Compliance Date: 1989-06-28 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: APT
Date of Enforcement Action: 1989-06-28 00:00:00.0
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: R4

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement Responsible Person:	R4
Enforcement Responsible Sub-Organization:	EC
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1989-06-28 00:00:00.0
Actual Return to Compliance Date:	1989-06-28 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1990-02-12 00:00:00.0
Enforcement Identifier:	005
Date of Enforcement Action:	1990-01-03 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	27500
Final Monetary Amount:	27500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	27500
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1986-06-26 00:00:00.0
Actual Return to Compliance Date:	1986-06-26 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	007
Date of Enforcement Action:	1986-09-12 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	1991-05-21 00:00:00.0
Actual Return to Compliance Date:	1991-10-16 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1991-10-14 00:00:00.0
Enforcement Identifier:	013
Date of Enforcement Action:	1991-05-21 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NC009
Enforcement Responsible Sub-Organization:	07
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1990-03-29 00:00:00.0
Actual Return to Compliance Date:	1990-03-29 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - General
Date Violation was Determined:	1996-05-07 00:00:00.0
Actual Return to Compliance Date:	1996-05-07 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1996-05-07 00:00:00.0
Actual Return to Compliance Date:	1996-05-07 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1986-06-26 00:00:00.0
Actual Return to Compliance Date:	1986-06-26 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1987-03-13 00:00:00.0
Enforcement Identifier:	004
Date of Enforcement Action:	1987-02-26 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Contingency Plan and Emergency Procedures
Date Violation was Determined:	1991-05-21 00:00:00.0
Actual Return to Compliance Date:	1991-10-16 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1991-10-14 00:00:00.0
Enforcement Identifier:	013
Date of Enforcement Action:	1991-05-21 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NC009
Enforcement Responsible Sub-Organization:	07
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1996-05-07 00:00:00.0
Actual Return to Compliance Date:	1996-05-07 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	008
Date of Enforcement Action:	1987-08-11 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1987-03-31 00:00:00.0
Actual Return to Compliance Date:	1987-03-31 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1987-09-11 00:00:00.0
Enforcement Identifier:	008
Date of Enforcement Action:	1987-08-11 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1987-03-31 00:00:00.0
Actual Return to Compliance Date:	1987-03-31 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	APT
Date of Enforcement Action:	1987-03-31 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R4
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement Responsible Person:	R4
Enforcement Responsible Sub-Organization:	EC
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1991-05-21 00:00:00.0
Actual Return to Compliance Date:	1991-10-16 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1991-10-14 00:00:00.0
Enforcement Identifier:	013
Date of Enforcement Action:	1991-05-21 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NC009
Enforcement Responsible Sub-Organization:	07
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	1990-03-27 00:00:00.0
Actual Return to Compliance Date:	1990-03-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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Database(s)

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1993-08-25 00:00:00.0
Actual Return to Compliance Date:	1998-04-23 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1993-10-10 00:00:00.0
Enforcement Identifier:	015
Date of Enforcement Action:	1993-08-25 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	NC
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NC009
Enforcement Responsible Sub-Organization:	07
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1990-03-27 00:00:00.0
Actual Return to Compliance Date:	1990-03-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1986-06-26 00:00:00.0
Actual Return to Compliance Date:	1986-06-26 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1987-03-13 00:00:00.0
Enforcement Identifier:	004
Date of Enforcement Action:	1987-02-26 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	1991-05-21 00:00:00.0
Actual Return to Compliance Date:	1991-10-16 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1991-10-14 00:00:00.0
Enforcement Identifier:	013
Date of Enforcement Action:	1991-05-21 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NC009
Enforcement Responsible Sub-Organization:	07
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1996-05-07 00:00:00.0
Actual Return to Compliance Date:	1996-05-07 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Used Oil - Generators
Date Violation was Determined:	2009-06-02 00:00:00.0
Actual Return to Compliance Date:	2009-10-23 00:00:00.0
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1998-02-23 00:00:00.0
Actual Return to Compliance Date:	1998-04-17 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	027
Date of Enforcement Action:	1998-02-23 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	98-097
Enforcement Attorney:	NC
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NC006
Enforcement Responsible Sub-Organization:	07
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	1988-09-28 00:00:00.0
Actual Return to Compliance Date:	1989-03-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1989-03-20 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	1989-02-06 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	1989-06-28 00:00:00.0
Actual Return to Compliance Date:	1989-06-28 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	APT
Date of Enforcement Action:	1989-06-28 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R4

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement Responsible Person:	R4
Enforcement Responsible Sub-Organization:	EC
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	1990-03-29 00:00:00.0
Actual Return to Compliance Date:	1990-03-29 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1987-03-31 00:00:00.0
Actual Return to Compliance Date:	1987-03-31 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

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EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1993-08-25 00:00:00.0
Actual Return to Compliance Date:	1998-04-23 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1993-10-10 00:00:00.0
Enforcement Identifier:	015
Date of Enforcement Action:	1993-08-25 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	NC
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NC009
Enforcement Responsible Sub-Organization:	07
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Formal Enforcement Agreement or Order
Date Violation was Determined:	1987-03-31 00:00:00.0
Actual Return to Compliance Date:	1987-03-31 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	APT
Date of Enforcement Action:	1987-03-31 00:00:00.0
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R4

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	EPA TO STATE ADMINISTRATIVE REFERRAL
Enforcement Responsible Person:	R4
Enforcement Responsible Sub-Organization:	EC
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1991-05-21 00:00:00.0
Actual Return to Compliance Date:	1991-10-16 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1991-10-14 00:00:00.0
Enforcement Identifier:	013
Date of Enforcement Action:	1991-05-21 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NC009
Enforcement Responsible Sub-Organization:	07
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	1991-05-21 00:00:00.0
Actual Return to Compliance Date:	1991-10-16 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1991-10-14 00:00:00.0
Enforcement Identifier:	013
Date of Enforcement Action:	1991-05-21 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NC009
Enforcement Responsible Sub-Organization:	07
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Contingency Plan and Emergency Procedures
Date Violation was Determined:	1992-02-19 00:00:00.0
Actual Return to Compliance Date:	1992-03-19 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1992-03-19 00:00:00.0
Enforcement Identifier:	014
Date of Enforcement Action:	1992-02-19 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NC009
Enforcement Responsible Sub-Organization:	07
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1986-06-26 00:00:00.0
Actual Return to Compliance Date:	1986-06-26 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD - General
Date Violation was Determined: 1986-06-26 00:00:00.0
Actual Return to Compliance Date: 1986-06-26 00:00:00.0
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 1987-03-20 00:00:00.0
Enforcement Identifier: 004
Date of Enforcement Action: 1987-02-26 00:00:00.0
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	1990-03-27 00:00:00.0
Actual Return to Compliance Date:	1990-03-27 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1996-05-07 00:00:00.0
Actual Return to Compliance Date:	1996-05-07 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

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Database(s)

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EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1986-06-26 00:00:00.0
Actual Return to Compliance Date:	1986-06-26 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1997-03-12 00:00:00.0
Actual Return to Compliance Date:	1998-12-21 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1998-05-18 00:00:00.0
Enforcement Identifier:	025
Date of Enforcement Action:	1998-03-31 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	98-052
Enforcement Attorney:	NC005

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL IMMINENT HAZARD ORDER
Enforcement Responsible Person:	NC009
Enforcement Responsible Sub-Organization:	07
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	1989-06-28 00:00:00.0
Actual Return to Compliance Date:	1989-06-28 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1990-02-12 00:00:00.0
Enforcement Identifier:	005
Date of Enforcement Action:	1990-01-03 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	27500
Final Monetary Amount:	27500
Paid Amount:	Not reported
Final Count:	1
Final Amount:	27500
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	1996-05-07 00:00:00.0
Actual Return to Compliance Date:	1996-05-07 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	1990-03-29 00:00:00.0
Actual Return to Compliance Date:	1990-03-29 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	1991-05-21 00:00:00.0
Actual Return to Compliance Date:	1991-10-16 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1991-10-14 00:00:00.0
Enforcement Identifier:	013
Date of Enforcement Action:	1991-05-21 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NC009
Enforcement Responsible Sub-Organization:	07
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	1995-09-13 00:00:00.0
Actual Return to Compliance Date:	1998-04-23 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	1995-10-14 00:00:00.0
Enforcement Identifier:	021
Date of Enforcement Action:	1995-09-14 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	95-630
Enforcement Attorney:	NC
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NC009
Enforcement Responsible Sub-Organization:	07
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	1988-09-28 00:00:00.0
Actual Return to Compliance Date:	1989-03-30 00:00:00.0
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	1989-03-20 00:00:00.0
Enforcement Identifier:	001
Date of Enforcement Action:	1989-02-06 00:00:00.0
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

Map ID
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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 1990-07-26 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: NC012
Evaluation Responsible Sub-Organization: 03
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Evaluation Date:	1990-03-20 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	1990-09-27 00:00:00.0
Scheduled Compliance Date:	1990-05-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-06-02 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NMM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2009-10-23 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1996-05-07 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC009
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1995-11-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	NC009
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-28 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-03-30 00:00:00.0
Scheduled Compliance Date:	1989-03-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1986-06-26 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1986-06-26 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2008-07-18 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC006
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-06-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC006
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	2009-10-23 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2014-09-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	NCKLO
Evaluation Responsible Sub-Organization:	NCP
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2010-11-29 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	NCKLO
Evaluation Responsible Sub-Organization:	NCP
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2005-04-26 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	NC006
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-10-01 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1986-06-26 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1986-06-26 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1999-01-20 00:00:00.0
Evaluation Responsible Agency:	State

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC006
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC009
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	1989-03-30 00:00:00.0
Scheduled Compliance Date:	1989-03-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1986-06-26 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1986-06-26 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1989-06-28 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R4GMA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-06-28 00:00:00.0
Scheduled Compliance Date:	1990-02-12 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2012-02-08 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC036
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2007-01-11 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NC006
Evaluation Responsible Sub-Organization: 07
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2016-06-30 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NC036
Evaluation Responsible Sub-Organization: 07
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1997-05-28 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier: NC009
Evaluation Responsible Sub-Organization: 07
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1996-05-09 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier: NC009
Evaluation Responsible Sub-Organization: 07
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Evaluation Date: 1991-05-21 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NC009
Evaluation Responsible Sub-Organization: 07
Actual Return to Compliance Date: 1991-10-16 00:00:00.0
Scheduled Compliance Date: 1991-10-14 00:00:00.0
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1992-03-30 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier: NC009
Evaluation Responsible Sub-Organization: 07
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2009-06-01 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NC006
Evaluation Responsible Sub-Organization: 07
Actual Return to Compliance Date: 2009-10-23 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1997-05-28 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NC009
Evaluation Responsible Sub-Organization: 07
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1998-02-23 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NC006

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EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	1998-04-17 00:00:00.0
Scheduled Compliance Date:	1998-03-23 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-28 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-03-30 00:00:00.0
Scheduled Compliance Date:	1989-03-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1996-05-07 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ANEWM
Evaluation Responsible Sub-Organization:	RC
Actual Return to Compliance Date:	1996-05-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1991-05-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC009
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	1991-10-16 00:00:00.0
Scheduled Compliance Date:	1991-10-14 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1996-05-07 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ANEWM
Evaluation Responsible Sub-Organization:	RC
Actual Return to Compliance Date:	1996-05-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

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EDR ID Number
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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1995-09-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	NC009
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2014-08-13 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC036
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1997-03-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	NC007
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-06-02 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NMM
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	2009-10-23 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2018-06-27 00:00:00.0
Evaluation Responsible Agency:	State

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NC036
Evaluation Responsible Sub-Organization: 07
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1996-05-07 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: ANEWM
Evaluation Responsible Sub-Organization: RC
Actual Return to Compliance Date: 1996-05-07 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2000-09-26 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: FOLLOW-UP INSPECTION
Evaluation Responsible Person Identifier: NC009
Evaluation Responsible Sub-Organization: 07
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2016-05-12 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: NCKLO
Evaluation Responsible Sub-Organization: NCP
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2006-09-13 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NC006
Evaluation Responsible Sub-Organization: 07
Actual Return to Compliance Date: Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1991-10-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	NC009
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	1991-10-16 00:00:00.0
Scheduled Compliance Date:	1991-10-14 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1996-05-07 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ANEWM
Evaluation Responsible Sub-Organization:	RC
Actual Return to Compliance Date:	1996-05-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-03-29 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-03-29 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-07-09 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	NCKLO
Evaluation Responsible Sub-Organization:	NCP
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Evaluation Date:	1994-12-06 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	NC009
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-12-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC006
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1989-06-28 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R4GMA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-06-28 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2020-09-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NCWHX
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1993-08-24 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC009

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Evaluation Responsible Sub-Organization: 07
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1990-03-27 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: 07
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2019-08-20 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NCWHX
Evaluation Responsible Sub-Organization: 07
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2014-01-08 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: NCKLO
Evaluation Responsible Sub-Organization: NCP
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2010-12-14 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NC006
Evaluation Responsible Sub-Organization: 07
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC009
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	1989-03-30 00:00:00.0
Scheduled Compliance Date:	1989-03-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2009-06-01 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC006
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	2009-10-23 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-03-31 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1987-03-31 00:00:00.0
Scheduled Compliance Date:	1987-09-11 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2003-08-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC006
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2017-06-15 00:00:00.0
Evaluation Responsible Agency:	State

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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC036
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1989-06-28 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R4GMA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-06-28 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2015-08-04 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC036
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1989-06-28 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R4GMA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-06-28 00:00:00.0
Scheduled Compliance Date:	1990-02-12 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1986-06-26 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1986-06-26 00:00:00.0

Map ID
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MAP FINDINGS

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EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1991-05-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC009
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	1991-10-16 00:00:00.0
Scheduled Compliance Date:	1991-10-14 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-03-29 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-03-29 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1996-05-07 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ANEWM
Evaluation Responsible Sub-Organization:	RC
Actual Return to Compliance Date:	1996-05-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1996-05-07 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ANEWM
Evaluation Responsible Sub-Organization:	RC
Actual Return to Compliance Date:	1996-05-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Evaluation Date: 1986-06-26 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 1986-06-26 00:00:00.0
Scheduled Compliance Date: 1987-03-13 00:00:00.0
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1991-10-16 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier: NC009
Evaluation Responsible Sub-Organization: 07
Actual Return to Compliance Date: 1991-10-16 00:00:00.0
Scheduled Compliance Date: 1991-10-14 00:00:00.0
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2009-10-23 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier: NC006
Evaluation Responsible Sub-Organization: 07
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1994-09-12 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NC009
Evaluation Responsible Sub-Organization: 07
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1997-03-11 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier: NC009

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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Evaluation Responsible Sub-Organization: 07
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2013-07-16 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NC036
Evaluation Responsible Sub-Organization: 07
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1996-05-07 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: ANEWM
Evaluation Responsible Sub-Organization: RC
Actual Return to Compliance Date: 1996-05-07 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2002-08-06 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R4RGJ
Evaluation Responsible Sub-Organization: ECB
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2002-04-03 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NC006
Evaluation Responsible Sub-Organization: 07
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported

Map ID
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Database(s)

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EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-03-31 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1987-03-31 00:00:00.0
Scheduled Compliance Date:	1987-09-11 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1996-03-12 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	NCCAR
Evaluation Responsible Sub-Organization:	03
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1986-06-27 00:00:00.0
Evaluation Responsible Agency:	EPA-Initiated Oversight/Observation/Training Actions
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-03-31 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1987-03-31 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1991-05-21 00:00:00.0
Evaluation Responsible Agency:	State

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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC009
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	1991-10-16 00:00:00.0
Scheduled Compliance Date:	1991-10-14 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-03-27 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R4JMI
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-03-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1993-08-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC036
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	1998-04-23 00:00:00.0
Scheduled Compliance Date:	1993-10-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-03-27 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R4JMI
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-03-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1998-12-21 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	NC017
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported

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EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1986-06-26 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1986-06-26 00:00:00.0
Scheduled Compliance Date:	1987-03-13 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1991-10-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	NC009
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	1991-10-16 00:00:00.0
Scheduled Compliance Date:	1991-10-14 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1996-05-07 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ANewM
Evaluation Responsible Sub-Organization:	RC
Actual Return to Compliance Date:	1996-05-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-08-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	NC009
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Evaluation Date: 2002-04-11 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NC006
Evaluation Responsible Sub-Organization: 07
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2000-09-26 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier: NC006
Evaluation Responsible Sub-Organization: 07
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2009-06-02 00:00:00.0
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NMM
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 2009-10-23 00:00:00.0
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 2015-07-14 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: NCKLO
Evaluation Responsible Sub-Organization: NCP
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 1998-02-23 00:00:00.0
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NC006

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	1998-04-17 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC009
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	1989-03-30 00:00:00.0
Scheduled Compliance Date:	1989-03-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1989-06-28 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R4GMA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-06-28 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-03-29 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-03-29 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-03-31 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1987-03-31 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

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MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1995-10-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	NC009
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-09-27 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	NC009
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1993-08-25 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC036
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	1998-04-23 00:00:00.0
Scheduled Compliance Date:	1993-10-10 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1987-03-31 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1987-03-31 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1991-05-21 00:00:00.0
Evaluation Responsible Agency:	State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC009
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	1991-10-16 00:00:00.0
Scheduled Compliance Date:	1991-10-14 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1991-10-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	NC009
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	1991-10-16 00:00:00.0
Scheduled Compliance Date:	1991-10-14 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1992-02-19 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC009
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	1992-03-19 00:00:00.0
Scheduled Compliance Date:	1992-03-19 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1986-06-26 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1986-06-26 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1989-03-30 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	NC009
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1986-06-26 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1986-06-26 00:00:00.0
Scheduled Compliance Date:	1987-03-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2006-09-05 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ANewM
Evaluation Responsible Sub-Organization:	ECB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-03-27 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R4JMI
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-03-27 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1996-05-07 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ANewM
Evaluation Responsible Sub-Organization:	RC
Actual Return to Compliance Date:	1996-05-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID
Direction
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Evaluation Date:	1987-03-24 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1986-06-26 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1986-06-26 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1998-02-23 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC006
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	1998-12-21 00:00:00.0
Scheduled Compliance Date:	1998-05-18 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2001-08-28 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC006
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1989-06-28 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R4GMA

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EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-06-28 00:00:00.0
Scheduled Compliance Date:	1990-02-12 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1996-05-07 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	ANEWM
Evaluation Responsible Sub-Organization:	RC
Actual Return to Compliance Date:	1996-05-07 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1990-03-29 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1990-03-29 00:00:00.0
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2011-11-02 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE ASSISTANCE VISIT
Evaluation Responsible Person Identifier:	NC036
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1991-10-16 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE SCHEDULE EVALUATION
Evaluation Responsible Person Identifier:	NC009
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	1991-10-16 00:00:00.0
Scheduled Compliance Date:	1991-10-14 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported

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EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2000-03-17 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC006
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1995-09-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NC009
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	1998-04-23 00:00:00.0
Scheduled Compliance Date:	1995-10-14 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1988-09-28 00:00:00.0
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	1989-03-30 00:00:00.0
Scheduled Compliance Date:	1989-03-20 00:00:00.0
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	1994-09-14 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	NC036
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	2012-03-27 00:00:00.0
Evaluation Responsible Agency:	State

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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	NCKLO
Evaluation Responsible Sub-Organization:	NCP
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID
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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Site:

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported
City,State,Zip: ONSLOW COUNTY, NC 28542
Event Code: Not reported
Action Taken Date: 04/04/2017
EPA ID: NC6170022580
Action Name: Explanation of Significant Differences
Action ID: 1
Operable Unit: 03
Contaminated Media: Groundwater
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2017
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

Media:

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 03
Action Name: Explanation of Significant Differences
Action Taken Date: 04/04/2017
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2017
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 03
Action Name: Explanation of Significant Differences
Action Taken Date: 04/04/2017
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2017
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 03
Action Name: Explanation of Significant Differences
Action Taken Date: 04/04/2017
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2017
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 03
Action Name: Explanation of Significant Differences
Action Taken Date: 04/04/2017
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2017
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 2
Operable Unit: 02
Action Name: Explanation of Significant Differences
Action Taken Date: 04/04/2017
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2017
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 2
Operable Unit: 02
Action Name: Explanation of Significant Differences
Action Taken Date: 04/04/2017

Map ID
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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2017
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.717781
Longitude:	-77.342919
EPA ID:	NC6170022580
Contaminated Media:	Groundwater
Action ID:	2
Operable Unit:	02
Action Name:	Explanation of Significant Differences
Action Taken Date:	04/04/2017
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2017
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.717781
Longitude:	-77.342919
EPA ID:	NC6170022580
Contaminated Media:	Groundwater
Action ID:	2
Operable Unit:	02
Action Name:	Explanation of Significant Differences
Action Taken Date:	04/04/2017
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2017
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.717781
Longitude:	-77.342919
EPA ID:	NC6170022580
Contaminated Media:	Soil Gas
Action ID:	2
Operable Unit:	02
Action Name:	Explanation of Significant Differences
Action Taken Date:	04/04/2017
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2017

Map ID
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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.717781
Longitude:	-77.342919
EPA ID:	NC6170022580
Contaminated Media:	Soil Gas
Action ID:	2
Operable Unit:	02
Action Name:	Explanation of Significant Differences
Action Taken Date:	04/04/2017
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2017
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.717781
Longitude:	-77.342919
EPA ID:	NC6170022580
Contaminated Media:	Soil
Action ID:	1
Operable Unit:	13
Action Name:	ROD Amendment
Action Taken Date:	06/20/2000
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2000
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.717781
Longitude:	-77.342919
EPA ID:	NC6170022580
Contaminated Media:	Soil
Action ID:	1
Operable Unit:	13
Action Name:	ROD Amendment
Action Taken Date:	06/20/2000
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2000
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.717781
Longitude:	-77.342919
EPA ID:	NC6170022580

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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Contaminated Media:	Soil
Action ID:	1
Operable Unit:	13
Action Name:	ROD Amendment
Action Taken Date:	06/20/2000
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2000
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.717781
Longitude:	-77.342919
EPA ID:	NC6170022580
Contaminated Media:	Groundwater
Action ID:	3
Operable Unit:	07
Action Name:	Explanation of Significant Differences
Action Taken Date:	04/04/2017
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2017
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.717781
Longitude:	-77.342919
EPA ID:	NC6170022580
Contaminated Media:	Groundwater
Action ID:	3
Operable Unit:	07
Action Name:	Explanation of Significant Differences
Action Taken Date:	04/04/2017
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2017
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.717781
Longitude:	-77.342919
EPA ID:	NC6170022580
Contaminated Media:	Groundwater
Action ID:	3
Operable Unit:	07
Action Name:	Explanation of Significant Differences
Action Taken Date:	04/04/2017
Event Code:	Not reported

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Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2017
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.717781
Longitude:	-77.342919
EPA ID:	NC6170022580
Contaminated Media:	Groundwater
Action ID:	4
Operable Unit:	11
Action Name:	Explanation of Significant Differences
Action Taken Date:	04/04/2017
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2017
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.717781
Longitude:	-77.342919
EPA ID:	NC6170022580
Contaminated Media:	Groundwater
Action ID:	5
Operable Unit:	22
Action Name:	Explanation of Significant Differences
Action Taken Date:	04/04/2017
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2017
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.717781
Longitude:	-77.342919
EPA ID:	NC6170022580
Contaminated Media:	Soil
Action ID:	5
Operable Unit:	22
Action Name:	Explanation of Significant Differences
Action Taken Date:	04/04/2017
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2017
NPL Status:	Currently on the Final NPL

Map ID
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EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Superfund Alternative Agreement:	N
Latitude:	34.717781
Longitude:	-77.342919
EPA ID:	NC6170022580
Contaminated Media:	Soil
Action ID:	1
Operable Unit:	13
Action Name:	ROD Amendment
Action Taken Date:	06/20/2000
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2000
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.717781
Longitude:	-77.342919
EPA ID:	NC6170022580
Contaminated Media:	Groundwater
Action ID:	1
Operable Unit:	01
Action Name:	Record of Decision
Action Taken Date:	09/23/1992
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1992
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.717781
Longitude:	-77.342919
EPA ID:	NC6170022580
Contaminated Media:	Groundwater
Action ID:	1
Operable Unit:	01
Action Name:	Record of Decision
Action Taken Date:	09/23/1992
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1992
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.717781
Longitude:	-77.342919
EPA ID:	NC6170022580
Contaminated Media:	Groundwater

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 09/23/1992
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1992
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 09/23/1992
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1992
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 09/23/1992
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1992
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 09/23/1992
Event Code: Not reported
Contact Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1992
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 09/23/1992
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1992
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 1
Operable Unit: 01
Action Name: Record of Decision
Action Taken Date: 09/23/1992
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1992
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Soil
Action ID: 13
Operable Unit: 12
Action Name: Record of Decision
Action Taken Date: 01/20/1998
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1998
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Latitude:	34.717781
Longitude:	-77.342919
EPA ID:	NC6170022580
Contaminated Media:	Soil
Action ID:	14
Operable Unit:	13
Action Name:	Record of Decision
Action Taken Date:	05/15/1997
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1997
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.717781
Longitude:	-77.342919
EPA ID:	NC6170022580
Contaminated Media:	Groundwater
Action ID:	1
Operable Unit:	01
Action Name:	Record of Decision
Action Taken Date:	09/23/1992
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1992
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.717781
Longitude:	-77.342919
EPA ID:	NC6170022580
Contaminated Media:	Groundwater
Action ID:	3
Operable Unit:	03
Action Name:	Record of Decision
Action Taken Date:	09/24/1993
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1993
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.717781
Longitude:	-77.342919
EPA ID:	NC6170022580
Contaminated Media:	Groundwater
Action ID:	3

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Operable Unit: 03
Action Name: Record of Decision
Action Taken Date: 09/24/1993
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1993
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 3
Operable Unit: 03
Action Name: Record of Decision
Action Taken Date: 09/24/1993
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1993
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Soil
Action ID: 3
Operable Unit: 03
Action Name: Record of Decision
Action Taken Date: 09/24/1993
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1993
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Soil
Action ID: 3
Operable Unit: 03
Action Name: Record of Decision
Action Taken Date: 09/24/1993
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Event: Not reported
Federal Facility: Y
Fiscal Year: 1993
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 3
Operable Unit: 03
Action Name: Record of Decision
Action Taken Date: 09/24/1993
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1993
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 3
Operable Unit: 03
Action Name: Record of Decision
Action Taken Date: 09/24/1993
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1993
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 3
Operable Unit: 03
Action Name: Record of Decision
Action Taken Date: 09/24/1993
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1993
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Longitude:	-77.342919
EPA ID:	NC6170022580
Contaminated Media:	Soil
Action ID:	3
Operable Unit:	03
Action Name:	Record of Decision
Action Taken Date:	09/24/1993
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1993
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.717781
Longitude:	-77.342919
EPA ID:	NC6170022580
Contaminated Media:	Groundwater
Action ID:	3
Operable Unit:	03
Action Name:	Record of Decision
Action Taken Date:	09/24/1993
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1993
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.717781
Longitude:	-77.342919
EPA ID:	NC6170022580
Contaminated Media:	Soil
Action ID:	4
Operable Unit:	02
Action Name:	Record of Decision
Action Taken Date:	09/15/1994
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1994
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.717781
Longitude:	-77.342919
EPA ID:	NC6170022580
Contaminated Media:	Soil
Action ID:	4
Operable Unit:	02

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Action Name: Record of Decision
Action Taken Date: 09/15/1994
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1994
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 4
Operable Unit: 02
Action Name: Record of Decision
Action Taken Date: 09/15/1994
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1994
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Soil
Action ID: 4
Operable Unit: 02
Action Name: Record of Decision
Action Taken Date: 09/15/1994
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1994
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Sediment
Action ID: 12
Operable Unit: 10
Action Name: Record of Decision
Action Taken Date: 09/28/2001
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Federal Facility: Y
Fiscal Year: 2001
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Soil
Action ID: 12
Operable Unit: 10
Action Name: Record of Decision
Action Taken Date: 09/28/2001
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2001
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Sediment
Action ID: 13
Operable Unit: 12
Action Name: Record of Decision
Action Taken Date: 01/20/1998
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1998
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 4
Operable Unit: 02
Action Name: Record of Decision
Action Taken Date: 09/15/1994
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1994
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 5
Operable Unit: 06
Action Name: Record of Decision
Action Taken Date: 09/15/1994
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1994
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 7
Operable Unit: 11
Action Name: Record of Decision
Action Taken Date: 09/22/1995
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1995
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 7
Operable Unit: 11
Action Name: Record of Decision
Action Taken Date: 09/22/1995
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1995
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 7
Operable Unit: 11
Action Name: Record of Decision
Action Taken Date: 09/22/1995

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1995
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 9
Operable Unit: 05
Action Name: Record of Decision
Action Taken Date: 12/05/1995
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1996
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Surface Water
Action ID: 9
Operable Unit: 05
Action Name: Record of Decision
Action Taken Date: 12/05/1995
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1996
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 11
Operable Unit: 07
Action Name: Record of Decision
Action Taken Date: 07/06/2005
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 11
Operable Unit: 07
Action Name: Record of Decision
Action Taken Date: 07/06/2005
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2005
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 11
Operable Unit: 07
Action Name: Record of Decision
Action Taken Date: 07/06/2005
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2005
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 12
Operable Unit: 10
Action Name: Record of Decision
Action Taken Date: 09/28/2001
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2001
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Contaminated Media: Surface Water
Action ID: 12
Operable Unit: 10
Action Name: Record of Decision
Action Taken Date: 09/28/2001
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2001
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 13
Operable Unit: 12
Action Name: Record of Decision
Action Taken Date: 01/20/1998
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1998
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Surface Water
Action ID: 13
Operable Unit: 12
Action Name: Record of Decision
Action Taken Date: 01/20/1998
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1998
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Soil
Action ID: 13
Operable Unit: 12
Action Name: Record of Decision
Action Taken Date: 01/20/1998
Event Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1998
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Soil
Action ID: 14
Operable Unit: 13
Action Name: Record of Decision
Action Taken Date: 05/15/1997
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1997
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 14
Operable Unit: 13
Action Name: Record of Decision
Action Taken Date: 05/15/1997
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1997
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 15
Operable Unit: 09
Action Name: Record of Decision
Action Taken Date: 08/23/1996
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1996
NPL Status: Currently on the Final NPL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Superfund Alternative Agreement:	N
Latitude:	34.717781
Longitude:	-77.342919
EPA ID:	NC6170022580
Contaminated Media:	Sediment
Action ID:	15
Operable Unit:	09
Action Name:	Record of Decision
Action Taken Date:	08/23/1996
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1996
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.717781
Longitude:	-77.342919
EPA ID:	NC6170022580
Contaminated Media:	Soil
Action ID:	15
Operable Unit:	09
Action Name:	Record of Decision
Action Taken Date:	08/23/1996
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1996
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.717781
Longitude:	-77.342919
EPA ID:	NC6170022580
Contaminated Media:	Surface Water
Action ID:	15
Operable Unit:	09
Action Name:	Record of Decision
Action Taken Date:	08/23/1996
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1996
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.717781
Longitude:	-77.342919
EPA ID:	NC6170022580
Contaminated Media:	Sediment

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Action ID: 16
Operable Unit: 08
Action Name: Record of Decision
Action Taken Date: 10/09/1996
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1997
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Surface Water
Action ID: 16
Operable Unit: 08
Action Name: Record of Decision
Action Taken Date: 10/09/1996
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1997
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 16
Operable Unit: 08
Action Name: Record of Decision
Action Taken Date: 10/09/1996
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1997
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 16
Operable Unit: 08
Action Name: Record of Decision
Action Taken Date: 10/09/1996
Event Code: Not reported
Contact Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1997
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 16
Operable Unit: 08
Action Name: Record of Decision
Action Taken Date: 10/09/1996
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1997
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Sediment
Action ID: 16
Operable Unit: 08
Action Name: Record of Decision
Action Taken Date: 10/09/1996
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1997
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Soil
Action ID: 16
Operable Unit: 08
Action Name: Record of Decision
Action Taken Date: 10/09/1996
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1997
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Latitude:	34.717781
Longitude:	-77.342919
EPA ID:	NC6170022580
Contaminated Media:	Surface Water
Action ID:	16
Operable Unit:	08
Action Name:	Record of Decision
Action Taken Date:	10/09/1996
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1997
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.717781
Longitude:	-77.342919
EPA ID:	NC6170022580
Contaminated Media:	Soil
Action ID:	17
Operable Unit:	11
Action Name:	Record of Decision
Action Taken Date:	09/15/1994
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1994
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.717781
Longitude:	-77.342919
EPA ID:	NC6170022580
Contaminated Media:	Soil
Action ID:	17
Operable Unit:	11
Action Name:	Record of Decision
Action Taken Date:	09/15/1994
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1994
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.717781
Longitude:	-77.342919
EPA ID:	NC6170022580
Contaminated Media:	Soil
Action ID:	17

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Operable Unit: 11
Action Name: Record of Decision
Action Taken Date: 09/15/1994
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1994
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Soil
Action ID: 17
Operable Unit: 11
Action Name: Record of Decision
Action Taken Date: 09/15/1994
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1994
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Soil
Action ID: 22
Operable Unit: 18
Action Name: Record of Decision
Action Taken Date: 09/28/2001
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2001
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Soil
Action ID: 24
Operable Unit: 17
Action Name: Record of Decision
Action Taken Date: 10/02/2006
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Event: Not reported
Federal Facility: Y
Fiscal Year: 2007
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Soil
Action ID: 17
Operable Unit: 11
Action Name: Record of Decision
Action Taken Date: 09/15/1994
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1994
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 18
Operable Unit: 11
Action Name: Record of Decision
Action Taken Date: 11/16/2009
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2010
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 18
Operable Unit: 11
Action Name: Record of Decision
Action Taken Date: 11/16/2009
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2010
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Longitude:	-77.342919
EPA ID:	NC6170022580
Contaminated Media:	Groundwater
Action ID:	18
Operable Unit:	11
Action Name:	Record of Decision
Action Taken Date:	11/16/2009
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2010
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.717781
Longitude:	-77.342919
EPA ID:	NC6170022580
Contaminated Media:	Groundwater
Action ID:	19
Operable Unit:	14
Action Name:	Record of Decision
Action Taken Date:	05/15/1997
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1997
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.717781
Longitude:	-77.342919
EPA ID:	NC6170022580
Contaminated Media:	Sediment
Action ID:	19
Operable Unit:	14
Action Name:	Record of Decision
Action Taken Date:	05/15/1997
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	1997
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.717781
Longitude:	-77.342919
EPA ID:	NC6170022580
Contaminated Media:	Soil
Action ID:	19
Operable Unit:	14

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Action Name: Record of Decision
Action Taken Date: 05/15/1997
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1997
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Surface Water
Action ID: 19
Operable Unit: 14
Action Name: Record of Decision
Action Taken Date: 05/15/1997
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1997
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 20
Operable Unit: 15
Action Name: Record of Decision
Action Taken Date: 09/27/2000
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2000
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 20
Operable Unit: 15
Action Name: Record of Decision
Action Taken Date: 09/27/2000
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Federal Facility: Y
Fiscal Year: 2000
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 21
Operable Unit: 19
Action Name: Record of Decision
Action Taken Date: 08/28/2006
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2006
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Soil
Action ID: 21
Operable Unit: 19
Action Name: Record of Decision
Action Taken Date: 08/28/2006
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2006
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 22
Operable Unit: 18
Action Name: Record of Decision
Action Taken Date: 09/28/2001
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2001
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 24
Operable Unit: 17
Action Name: Record of Decision
Action Taken Date: 10/02/2006
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2007
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 24
Operable Unit: 17
Action Name: Record of Decision
Action Taken Date: 10/02/2006
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2007
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 24
Operable Unit: 17
Action Name: Record of Decision
Action Taken Date: 10/02/2006
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2007
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Surface Water
Action ID: 24
Operable Unit: 17
Action Name: Record of Decision
Action Taken Date: 10/02/2006

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2007
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Soil
Action ID: 25
Operable Unit: 20
Action Name: Record of Decision
Action Taken Date: 01/21/2009
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2009
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 26
Operable Unit: 21
Action Name: Record of Decision
Action Taken Date: 10/29/2014
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2015
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 27
Operable Unit: 22
Action Name: Record of Decision
Action Taken Date: 12/01/2009
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2010

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 27
Operable Unit: 22
Action Name: Record of Decision
Action Taken Date: 12/01/2009
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2010
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 27
Operable Unit: 22
Action Name: Record of Decision
Action Taken Date: 12/01/2009
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2010
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 27
Operable Unit: 22
Action Name: Record of Decision
Action Taken Date: 12/01/2009
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2010
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Contaminated Media: Groundwater
Action ID: 27
Operable Unit: 22
Action Name: Record of Decision
Action Taken Date: 12/01/2009
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2010
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Surface Water
Action ID: 28
Operable Unit: 17
Action Name: Record of Decision
Action Taken Date: 12/16/2012
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2013
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 28
Operable Unit: 17
Action Name: Record of Decision
Action Taken Date: 12/16/2012
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2013
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 28
Operable Unit: 17
Action Name: Record of Decision
Action Taken Date: 12/16/2012
Event Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2013
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 28
Operable Unit: 17
Action Name: Record of Decision
Action Taken Date: 12/16/2012
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2013
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Surface Water
Action ID: 28
Operable Unit: 17
Action Name: Record of Decision
Action Taken Date: 12/16/2012
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2013
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 28
Operable Unit: 17
Action Name: Record of Decision
Action Taken Date: 12/16/2012
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2013
NPL Status: Currently on the Final NPL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Superfund Alternative Agreement:	N
Latitude:	34.717781
Longitude:	-77.342919
EPA ID:	NC6170022580
Contaminated Media:	Solid Waste
Action ID:	31
Operable Unit:	15
Action Name:	Record of Decision
Action Taken Date:	06/25/2013
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2013
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.717781
Longitude:	-77.342919
EPA ID:	NC6170022580
Contaminated Media:	Solid Waste
Action ID:	31
Operable Unit:	15
Action Name:	Record of Decision
Action Taken Date:	06/25/2013
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2013
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.717781
Longitude:	-77.342919
EPA ID:	NC6170022580
Contaminated Media:	Groundwater
Action ID:	31
Operable Unit:	15
Action Name:	Record of Decision
Action Taken Date:	06/25/2013
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2013
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.717781
Longitude:	-77.342919
EPA ID:	NC6170022580
Contaminated Media:	Solid Waste

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Action ID:	31
Operable Unit:	15
Action Name:	Record of Decision
Action Taken Date:	06/25/2013
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2013
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.717781
Longitude:	-77.342919
EPA ID:	NC6170022580
Contaminated Media:	Groundwater
Action ID:	32
Operable Unit:	24
Action Name:	Record of Decision
Action Taken Date:	04/24/2014
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2014
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.717781
Longitude:	-77.342919
EPA ID:	NC6170022580
Contaminated Media:	Not reported
Action ID:	6
Operable Unit:	23
Action Name:	Explanation of Significant Differences
Action Taken Date:	04/04/2017
Event Code:	Not reported
Contact Name:	Not reported
Contact Telephone:	Not reported
Event:	Not reported
Federal Facility:	Y
Fiscal Year:	2017
NPL Status:	Currently on the Final NPL
Superfund Alternative Agreement:	N
Latitude:	34.717781
Longitude:	-77.342919
EPA ID:	NC6170022580
Contaminated Media:	Not reported
Action ID:	2
Operable Unit:	04
Action Name:	Record of Decision
Action Taken Date:	09/10/1993
Event Code:	Not reported
Contact Name:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1993
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Soil
Action ID: 9
Operable Unit: 05
Action Name: Record of Decision
Action Taken Date: 12/05/1995
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1996
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Sediment
Action ID: 11
Operable Unit: 07
Action Name: Record of Decision
Action Taken Date: 07/06/2005
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2005
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Surface Water
Action ID: 11
Operable Unit: 07
Action Name: Record of Decision
Action Taken Date: 07/06/2005
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2005
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Groundwater
Action ID: 13
Operable Unit: 12
Action Name: Record of Decision
Action Taken Date: 01/20/1998
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1998
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

EPA ID: NC6170022580
Contaminated Media: Soil
Action ID: 13
Operable Unit: 12
Action Name: Record of Decision
Action Taken Date: 01/20/1998
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1998
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

US INST CONTROLS:

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
Action Name: Record of Decision
Action ID: 26
Operable Unit: 21
Actual Date: 10/29/2014
Contaminated Media: Soil Gas
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2015
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Latitude: 34.717781
Longitude: -77.342919

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
Action Name: Record of Decision
Action ID: 27
Operable Unit: 22
Actual Date: 12/01/2009
Contaminated Media: Groundwater
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2010
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
Action Name: Record of Decision
Action ID: 27
Operable Unit: 22
Actual Date: 12/01/2009
Contaminated Media: Soil
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2010
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
Action Name: Record of Decision
Action ID: 28
Operable Unit: 17
Actual Date: 12/16/2012
Contaminated Media: Groundwater
Event Code: Not reported
Contact Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2013
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
Action Name: Record of Decision
Action ID: 28
Operable Unit: 17
Actual Date: 12/16/2012
Contaminated Media: Soil Gas
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2013
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
Action Name: Record of Decision
Action ID: 28
Operable Unit: 17
Actual Date: 12/16/2012
Contaminated Media: Surface Water
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2013
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
Action Name: Record of Decision

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Action ID: 30
Operable Unit: 12
Actual Date: 10/16/2012
Contaminated Media: Groundwater
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2013
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
Action Name: Record of Decision
Action ID: 30
Operable Unit: 12
Actual Date: 10/16/2012
Contaminated Media: Soil
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2013
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
Action Name: Record of Decision
Action ID: 31
Operable Unit: 15
Actual Date: 06/25/2013
Contaminated Media: Groundwater
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2013
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
Action Name: Record of Decision
Action ID: 31
Operable Unit: 15
Actual Date: 06/25/2013
Contaminated Media: Solid Waste
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2013
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
Action Name: Record of Decision
Action ID: 32
Operable Unit: 24
Actual Date: 04/24/2014
Contaminated Media: Groundwater
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2014
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
Action Name: Record of Decision
Action ID: 32
Operable Unit: 24
Actual Date: 04/24/2014
Contaminated Media: Soil Gas
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Fiscal Year: 2014
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
Action Name: Record of Decision
Action ID: 34
Operable Unit: 27
Actual Date: 12/09/2015
Contaminated Media: Solid Waste
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2016
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
Action Name: Record of Decision
Action ID: 11
Operable Unit: 07
Actual Date: 07/06/2005
Contaminated Media: Groundwater
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2005
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
Action Name: Record of Decision
Action ID: 11
Operable Unit: 07
Actual Date: 07/06/2005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Contaminated Media: Soil
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2005
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
Action Name: Record of Decision
Action ID: 14
Operable Unit: 13
Actual Date: 05/15/1997
Contaminated Media: Groundwater
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1997
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
Action Name: Record of Decision
Action ID: 14
Operable Unit: 13
Actual Date: 05/15/1997
Contaminated Media: Soil
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1997
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
Action Name: Record of Decision
Action ID: 16
Operable Unit: 08
Actual Date: 10/09/1996
Contaminated Media: Groundwater
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1997
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
Action Name: Record of Decision
Action ID: 16
Operable Unit: 08
Actual Date: 10/09/1996
Contaminated Media: Soil
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1997
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
Action Name: Record of Decision
Action ID: 18
Operable Unit: 11
Actual Date: 11/16/2009
Contaminated Media: Groundwater
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2010
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Latitude: 34.717781
Longitude: -77.342919

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
Action Name: Record of Decision
Action ID: 19
Operable Unit: 14
Actual Date: 05/15/1997
Contaminated Media: Groundwater
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1997
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
Action Name: Record of Decision
Action ID: 19
Operable Unit: 14
Actual Date: 05/15/1997
Contaminated Media: Sediment
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1997
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
Action Name: Record of Decision
Action ID: 19
Operable Unit: 14
Actual Date: 05/15/1997
Contaminated Media: Soil
Event Code: Not reported
Contact Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1997
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
Action Name: Record of Decision
Action ID: 19
Operable Unit: 14
Actual Date: 05/15/1997
Contaminated Media: Surface Water
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1997
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
Action Name: Record of Decision
Action ID: 20
Operable Unit: 15
Actual Date: 09/27/2000
Contaminated Media: Groundwater
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2000
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
Action Name: Record of Decision

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Action ID: 24
Operable Unit: 17
Actual Date: 10/02/2006
Contaminated Media: Groundwater
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2007
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
Action Name: Record of Decision
Action ID: 25
Operable Unit: 20
Actual Date: 01/21/2009
Contaminated Media: Soil
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2009
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
Action Name: Record of Decision
Action ID: 26
Operable Unit: 21
Actual Date: 10/29/2014
Contaminated Media: Groundwater
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2015
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
Action Name: Explanation of Significant Differences
Action ID: 1
Operable Unit: 03
Actual Date: 04/04/2017
Contaminated Media: Soil Gas
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2017
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
Action Name: Explanation of Significant Differences
Action ID: 1
Operable Unit: 03
Actual Date: 04/04/2017
Contaminated Media: Solid Waste
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2017
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
Action Name: Explanation of Significant Differences
Action ID: 2
Operable Unit: 02
Actual Date: 04/04/2017
Contaminated Media: Soil Gas
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Fiscal Year: 2017
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
Action Name: Explanation of Significant Differences
Action ID: 3
Operable Unit: 07
Actual Date: 04/04/2017
Contaminated Media: Soil Gas
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2017
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
Action Name: Explanation of Significant Differences
Action ID: 4
Operable Unit: 11
Actual Date: 04/04/2017
Contaminated Media: Soil Gas
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2017
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
Action Name: Explanation of Significant Differences
Action ID: 5
Operable Unit: 22
Actual Date: 04/04/2017

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Contaminated Media: Soil Gas
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 2017
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
Action Name: Record of Decision
Action ID: 1
Operable Unit: 01
Actual Date: 09/23/1992
Contaminated Media: Groundwater
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1992
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
Action Name: Record of Decision
Action ID: 3
Operable Unit: 03
Actual Date: 09/24/1993
Contaminated Media: Groundwater
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1993
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
Action Name: Record of Decision
Action ID: 3
Operable Unit: 03
Actual Date: 09/24/1993
Contaminated Media: Soil
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1993
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
Action Name: Record of Decision
Action ID: 4
Operable Unit: 02
Actual Date: 09/15/1994
Contaminated Media: Groundwater
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1994
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
Action Name: Record of Decision
Action ID: 5
Operable Unit: 06
Actual Date: 09/15/1994
Contaminated Media: Groundwater
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1994
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Latitude: 34.717781
Longitude: -77.342919

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
Action Name: Record of Decision
Action ID: 7
Operable Unit: 11
Actual Date: 09/22/1995
Contaminated Media: Groundwater
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1995
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
Action Name: Record of Decision
Action ID: 9
Operable Unit: 05
Actual Date: 12/05/1995
Contaminated Media: Groundwater
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1996
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
Action Name: Record of Decision
Action ID: 9
Operable Unit: 05
Actual Date: 12/05/1995
Contaminated Media: Sediment
Event Code: Not reported
Contact Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1996
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
Action Name: Record of Decision
Action ID: 9
Operable Unit: 05
Actual Date: 12/05/1995
Contaminated Media: Soil
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1996
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
Address 2: Not reported
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
Action Name: Record of Decision
Action ID: 9
Operable Unit: 05
Actual Date: 12/05/1995
Contaminated Media: Surface Water
Event Code: Not reported
Contact Name: Not reported
Contact Telephone: Not reported
Event: Not reported
Federal Facility: Y
Fiscal Year: 1996
NPL Status: Currently on the Final NPL
Superfund Alternative Agreement: N
Latitude: 34.717781
Longitude: -77.342919

LAST:

Name: CAMP MOREHEAD BY THE SEA
Address: HWY 24
City,State,Zip: MOREHEAD CITY, NC 28557
Facility ID: Not reported
UST Number: WI-16431

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Incident Number: 16431
Contamination Type: GW
Source Type: 14
Product Type: N
Date Reported: 06/03/1996
Date Occur: 06/03/1996
Cleanup: Not reported
Closure Request: Not reported
Close Out: 05/23/2007
Level Of Soil Cleanup Achieved: Not reported
Tank Regulated Status: Not reported
Of Supply Wells: 0
Commercial/NonCommercial UST Site: Not reported
Risk Classification: H
Risk Class Based On Review: L
Corrective Action Plan Type: Not reported
NOV Issue Date: Not reported
NORR Issue Date: Not reported
Site Priority: 0
Phase Of LSA Req: Not reported
Site Risk Reason: Not reported
Land Use: Not reported
MTBE: No
MTBE1: Unknown
Flag: No
Flag1: No
LUR Filed: Not reported
Release Detection: 0
Current Status: A
RBCA GW: Not reported
PETOPT: Not reported
RPL: False
CD Num: 466
Reel Num: 0
RPOW: False
RPOP: False
Error Flag: 0
Error Code: Not reported
Valid: False
Lat/Long: Not reported
Lat/Long Decimal: 34.72861 -76.82500
Testlat: Not reported
Regional Officer Project Mgr: BAR
Region: WIL
Company: CAMP MOREHEAD BY THE SEA
Contact Person: PERCELL JONES
Telephone: Not reported
RP Address: HWY 24, MOREHEAD CITY
RP City,St,Zip: MOREHEAD CITY, NC
RP County: Not reported
Comments: EXCAVATION OF CONTAMINATED SOILWANT TO ABANDON WELLS. File in
archiving.
5 Min Quad: Not reported
PIRF:
Facility Id: 16431
Date Occurred: Not reported
Date Reported: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Description Of Incident: Not reported
Owner/Operator: Not reported
Ownership: 5
Operation Type: 5
Type: Not reported
Location: Not reported
Site Priority: 0NOD
Priority Update: Not reported
Wells Affected Y/N: N
Wells Affected Number: 0
Samples Taken By: Not reported
Samples Include: Not reported
7#5 Min Quad: Not reported
5 Min Quad: Not reported
Pirf/Min Soil: Not reported
Release Code: Not reported
Cause: Not reported
Source: Not reported
Source Type: 1

Last Modified: 5/23/2007
Incident Phase: CO
NOV Issued: Not reported
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: Not reported

IMD:

Facility ID: 16431
Name: CAMP MOREHEAD BY THE SEA
Address: HWY 24
City,State,Zip: MOREHEAD CITY, NC
Date Occurred: 10/30/1996
Submit Date: 7/11/2003
Incident Desc: EXCAVATION OF CONTAMINATED SOIL WANT TO ABANDON WELLS
Operator: JONES, PERCELL
UST ID: Not reported
Incident ID: Not reported
Initials of UST Regional Contact: Not reported
Regional Office: Not reported
Responsible Party/Company Name: Not reported
Ownership: 5
Responsible Party Contact Name: Not reported
Operation: 5
Responsible Party Mailing Address: Not reported
Responsible Party City,State,Zip: Not reported
Ownership: Federal
Operation Type: Industrial
Responsible Party County: Not reported
Source of Contamination: Not reported
Source: 14

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Type:	3
Location:	Not reported
Petroleum Type:	Not reported
Date Incident Reported:	Not reported
Whether Tank is Commercial or Non Commercial:	Not reported
Site Priority:	0
Whether Tank is Regulated:	Not reported
Priority Update:	Not reported
Notice of Regulatory Requirement:	Not reported
Wells Affected:	Y
Notice of Violation:	Not reported
Phase 1 or Phase 2:	Not reported
Num Affected:	1
Site Priority:	Not reported
Type:	GASOLINE/DIESEL
Location:	Not reported
Current Risk Condition:	Not reported
Sampled By:	Not reported
Samples Include:	Not reported
Initial reported risk of incident (never changes):	Not reported
7.5 Min Quad:	Not reported
5 Min Quad:	Not reported
Intermediate Condition Present:	Not reported
Latitude:	34.728611
Longitude:	-76.825
Use of Land, Industrial:	Not reported
Corrective Action Plan Selected - up to 5:	Not reported
RBCA:	Not reported
Date Close Review Requested From RP or Owner:	Not reported
Date Case Closed:	Not reported
Extent of Contamination:	Not reported
Number of Supply Wells Located on Property:	Not reported
MTBE in Well Y/N/U Yes, No or Unknown:	Not reported
Facility Phone Number:	Not reported
MTBE in Groundwater Y/N/U Yes, No or Unknown:	Not reported
Date Land Use Restriction Filed:	Not reported
Date Cleanup Initiated:	Not reported
Record Status:	Not reported
RBCA GW Codes:	Not reported
RBCA GW:	Not reported
Pollutant Type Present:	Not reported
Reference Number for Media Disk for Archived Record:	Not reported
RP Owner?:	Not reported
RP Operator?:	Not reported
RP Landowner?:	Not reported
Facility ID:	85305
Name:	BRANDYWINE BAY
Address:	HWY 24
City,State,Zip:	MOREHEAD CITY, NC
Date Occurred:	3/15/1995
Submit Date:	2/1/2001
Incident Desc:	Not reported
Operator:	DANIEL, VP, CARL
UST ID:	Not reported
Incident ID:	Not reported
Initials of UST Regional Contact:	Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Regional Office:	Not reported
Responsible Party/Company Name:	Not reported
Ownership:	5
Responsible Party Contact Name:	Not reported
Operation:	5
Responsible Party Mailing Address:	Not reported
Responsible Party City,State,Zip:	Not reported
Ownership:	Federal
Operation Type:	Industrial
Responsible Party County:	Not reported
Source of Contamination:	Not reported
Source:	2
Type:	6
Location:	Not reported
Petroleum Type:	Not reported
Date Incident Reported:	Not reported
Whether Tank is Commercial or Non Commercial:	Not reported
Site Priority:	Not reported
Whether Tank is Regulated:	Not reported
Priority Update:	Not reported
Notice of Regulatory Requirement:	Not reported
Wells Affected:	N
Notice of Violation:	Not reported
Phase 1 or Phase 2:	Not reported
Num Affected:	0
Site Priority:	Not reported
Type:	SEWAGE/SEPTAGE
Location:	Not reported
Current Risk Condition:	Not reported
Sampled By:	Not reported
Samples Include:	Not reported
Initial reported risk of incident (never changes):	Not reported
7.5 Min Quad:	Not reported
5 Min Quad:	Not reported
Intermediate Condition Present:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Use of Land, Industrial:	Not reported
Corrective Action Plan Selected - up to 5:	Not reported
RBCA:	Not reported
Date Close Review Requested From RP or Owner:	Not reported
Date Case Closed:	Not reported
Extent of Contamination:	Not reported
Number of Supply Wells Located on Property:	Not reported
MTBE in Well Y/N/U Yes, No or Unknown:	Not reported
Facility Phone Number:	Not reported
MTBE in Groundwater Y/N/U Yes, No or Unknown:	Not reported
Date Land Use Restriction Filed:	Not reported
Date Cleanup Initiated:	Not reported
Record Status:	Not reported
RBCA GW Codes:	Not reported
RBCA GW:	Not reported
Pollutant Type Present:	Not reported
Reference Number for Media Disk for Archived Record:	Not reported
RP Owner?:	Not reported
RP Operator?:	Not reported
RP Landowner?:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

2020 COR ACTION:

EPA ID: NC6170022580
Region: 4
Action: Not reported

ROD:

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
RG: 4
Site ID: 403185
Action: FF ESD
Operable Unit Number: SITE 6, 9, & 82
SEQ ID: 1
Action Completion: 2017-04-04 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
RG: 4
Site ID: 403185
Action: FF ESD
Operable Unit Number: SITE 21, 24, 78 (HIPA)
SEQ ID: 2
Action Completion: 2017-04-04 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
RG: 4
Site ID: 403185
Action: FF ESD
Operable Unit Number: SITES 36,43,44,54
SEQ ID: 3
Action Completion: 2017-04-04 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
RG: 4
Site ID: 403185
Action: FF ESD
Operable Unit Number: SITE 35
SEQ ID: 4
Action Completion: 2017-04-04 00:00:00
NPL Status: Final

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Non NPL Status:	Not reported
Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
Address:	NC HWY 24 & US HWY 16
City,State,Zip:	ONSLOW COUNTY, NC 28542
EPA ID:	NC6170022580
RG:	4
Site ID:	403185
Action:	FF ESD
Operable Unit Number:	SITE 73
SEQ ID:	5
Action Completion:	2017-04-04 00:00:00
NPL Status:	Final
Non NPL Status:	Not reported
Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
Address:	NC HWY 24 & US HWY 16
City,State,Zip:	ONSLOW COUNTY, NC 28542
EPA ID:	NC6170022580
RG:	4
Site ID:	403185
Action:	FF ESD
Operable Unit Number:	UXO-22
SEQ ID:	6
Action Completion:	2017-04-04 00:00:00
NPL Status:	Final
Non NPL Status:	Not reported
Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
Address:	NC HWY 24 & US HWY 16
City,State,Zip:	ONSLOW COUNTY, NC 28542
EPA ID:	NC6170022580
RG:	4
Site ID:	403185
Action:	FF ROD
Operable Unit Number:	SITE 49
SEQ ID:	32
Action Completion:	2014-04-24 00:00:00
NPL Status:	Final
Non NPL Status:	Not reported
Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
Address:	NC HWY 24 & US HWY 16
City,State,Zip:	ONSLOW COUNTY, NC 28542
EPA ID:	NC6170022580
RG:	4
Site ID:	403185
Action:	FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Number:	SHALLOW ACQUIFER (HPIA)
SEQ ID:	1
Action Completion:	1992-09-23 00:00:00
NPL Status:	Final
Non NPL Status:	Not reported
Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
Address:	NC HWY 24 & US HWY 16
City,State,Zip:	ONSLOW COUNTY, NC 28542

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

EPA ID: NC6170022580
RG: 4
Site ID: 403185
Action: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Number: SITE 48
SEQ ID: 2
Action Completion: 1993-09-10 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
RG: 4
Site ID: 403185
Action: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Number: SITE 6, 9, & 82
SEQ ID: 3
Action Completion: 1993-09-24 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
RG: 4
Site ID: 403185
Action: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Number: SITE 21, 24, 78 (HIPA)
SEQ ID: 4
Action Completion: 1994-09-15 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
RG: 4
Site ID: 403185
Action: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Number: SITE 2
SEQ ID: 5
Action Completion: 1994-09-15 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
RG: 4
Site ID: 403185
Action: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Number: SITE 35

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

SEQ ID: 7
Action Completion: 1995-09-22 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
RG: 4
Site ID: 403185
Action: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Number: SITE 74, 41
SEQ ID: 9
Action Completion: 1995-12-05 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
RG: 4
Site ID: 403185
Action: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Number: SITE 65
SEQ ID: 12
Action Completion: 2001-09-28 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
RG: 4
Site ID: 403185
Action: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Number: SITE 7 & 80
SEQ ID: 13
Action Completion: 1998-01-20 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
RG: 4
Site ID: 403185
Action: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Number: SITE 3
SEQ ID: 14
Action Completion: 1997-05-15 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
RG: 4
Site ID: 403185
Action: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Number: SITE 16
SEQ ID: 15
Action Completion: 1996-08-23 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
RG: 4
Site ID: 403185
Action: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Number: SITES 1, 28,& 30
SEQ ID: 16
Action Completion: 1996-10-09 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
RG: 4
Site ID: 403185
Action: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Number: SITE 35
SEQ ID: 17
Action Completion: 1994-09-15 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
RG: 4
Site ID: 403185
Action: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Number: SITE 35
SEQ ID: 18
Action Completion: 2009-11-16 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
RG: 4

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Site ID: 403185
Action: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Number: SITE 63
SEQ ID: 19
Action Completion: 1997-05-15 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
RG: 4
Site ID: 403185
Action: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Number: SITE 69
SEQ ID: 20
Action Completion: 2000-09-27 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
RG: 4
Site ID: 403185
Action: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Number: SITE 94
SEQ ID: 21
Action Completion: 2006-08-28 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
RG: 4
Site ID: 403185
Action: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Number: SITE 90, 91, 92
SEQ ID: 22
Action Completion: 2001-09-28 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
RG: 4
Site ID: 403185
Action: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Number: SITE 88
SEQ ID: 23
Action Completion: 2019-05-23 00:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

NPL Status:	Final
Non NPL Status:	Not reported
Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
Address:	NC HWY 24 & US HWY 16
City,State,Zip:	ONSLOW COUNTY, NC 28542
EPA ID:	NC6170022580
RG:	4
Site ID:	403185
Action:	FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Number:	SITE 89, 93
SEQ ID:	24
Action Completion:	2006-10-02 00:00:00
NPL Status:	Final
Non NPL Status:	Not reported
Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
Address:	NC HWY 24 & US HWY 16
City,State,Zip:	ONSLOW COUNTY, NC 28542
EPA ID:	NC6170022580
RG:	4
Site ID:	403185
Action:	FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Number:	SITE 84
SEQ ID:	25
Action Completion:	2009-01-21 00:00:00
NPL Status:	Final
Non NPL Status:	Not reported
Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
Address:	NC HWY 24 & US HWY 16
City,State,Zip:	ONSLOW COUNTY, NC 28542
EPA ID:	NC6170022580
RG:	4
Site ID:	403185
Action:	FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Number:	SITE 86
SEQ ID:	26
Action Completion:	2014-10-29 00:00:00
NPL Status:	Final
Non NPL Status:	Not reported
Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
Address:	NC HWY 24 & US HWY 16
City,State,Zip:	ONSLOW COUNTY, NC 28542
EPA ID:	NC6170022580
RG:	4
Site ID:	403185
Action:	FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Number:	SITE 73
SEQ ID:	27
Action Completion:	2009-12-01 00:00:00
NPL Status:	Final
Non NPL Status:	Not reported
Name:	CAMP LEJEUNE MILITARY RES. (USNAVY)
Address:	NC HWY 24 & US HWY 16

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
RG: 4
Site ID: 403185
Action: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Number: SITE 89, 93
SEQ ID: 28
Action Completion: 2012-12-16 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
RG: 4
Site ID: 403185
Action: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Number: SITE 69
SEQ ID: 31
Action Completion: 2013-06-25 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
RG: 4
Site ID: 403185
Action: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Number: SITE UXO-06
SEQ ID: 33
Action Completion: 2018-04-30 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
RG: 4
Site ID: 403185
Action: FF ROD (RCRA Statement of Basis/RTC)
Operable Unit Number: UXO-19
SEQ ID: 34
Action Completion: 2015-12-09 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
RG: 4
Site ID: 403185
Action: FF ROD (RCRA Statement of Basis/RTC)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Operable Unit Number: UXO-24 SITE 37 (OU26)
SEQ ID: 36
Action Completion: 2019-09-30 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
RG: 4
Site ID: 403185
Action: FF ROD Amendment
Operable Unit Number: SITE 3
SEQ ID: 1
Action Completion: 2000-06-20 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
RG: 4
Site ID: 403185
Action: GOVT Decision Document (ROD)
Operable Unit Number: SITES 36,43,44,54
SEQ ID: 11
Action Completion: 2005-07-06 00:00:00
NPL Status: Final
Non NPL Status: Not reported

Name: CAMP LEJEUNE MILITARY RES. (USNAVY)
Address: NC HWY 24 & US HWY 16
City,State,Zip: ONSLOW COUNTY, NC 28542
EPA ID: NC6170022580
RG: 4
Site ID: 403185
Action: GOVT Decision Document (ROD)
Operable Unit Number: SITE 7 & 80
SEQ ID: 30
Action Completion: 2012-10-16 00:00:00
NPL Status: Final
Non NPL Status: Not reported

PRP:
PRP Name: CAMP LEJEUNE MILITARY RESERVATION

ICIS:
Enforcement Action ID: 04-1991-9900
FRS ID: 110041995151
Action Name: U.S. MARINE CORPS BASE CAMP LEJEUNE (FF)
Facility Name: USMC CAMP LEJEUNE
Facility Address: 1 POST LN
CAMP LEJEUNE, NC 285420004
Enforcement Action Type: CERCLA 120E Federal Facility Agreement (FFA)
Facility County: ONSLOW

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Program System Acronym: CERCLIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 120E
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 34.71778
Longitude in Decimal Degrees: -77.34291
Permit Type Desc: Not reported
Program System Acronym: NC6170022580
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Facility Name: USMC CAMP LEJEUNE
Address: 1 POST LN
Tribal Indicator: N
Fed Facility: Yes
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: USMC CAMP LEJEUNE
Address: 1 POST LN
Tribal Indicator: N
Fed Facility: Yes
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: USMC CAMP LEJEUNE
Address: 1 POST LN
Tribal Indicator: N
Fed Facility: Yes
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: USMC CAMP LEJEUNE
Address: 1 POST LN
Tribal Indicator: N
Fed Facility: Yes
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: USMC CAMP LEJEUNE
Address: 1 POST LN
Tribal Indicator: N
Fed Facility: Yes
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: USMC CAMP LEJEUNE
Address: 1 POST LN
Tribal Indicator: N
Fed Facility: Yes
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: USMC CAMP LEJEUNE
Address: 1 POST LN

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Tribal Indicator: N
Fed Facility: Yes
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: USMC CAMP LEJEUNE
Address: 1 POST LN
Tribal Indicator: N
Fed Facility: Yes
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: USMC CAMP LEJEUNE
Address: 1 POST LN
Tribal Indicator: N
Fed Facility: Yes
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: USMC CAMP LEJEUNE
Address: 1 POST LN
Tribal Indicator: N
Fed Facility: Yes
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: USMC CAMP LEJEUNE
Address: 1 POST LN
Tribal Indicator: N
Fed Facility: Yes
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: USMC CAMP LEJEUNE
Address: 1 POST LN
Tribal Indicator: N
Fed Facility: Yes
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: USMC CAMP LEJEUNE
Address: 1 POST LN
Tribal Indicator: N
Fed Facility: Yes
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: USMC CAMP LEJEUNE
Address: 1 POST LN
Tribal Indicator: N
Fed Facility: Yes
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: USMC CAMP LEJEUNE
Address: 1 POST LN
Tribal Indicator: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

Fed Facility: Yes
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: USMC CAMP LEJEUNE
Address: 1 POST LN
Tribal Indicator: N
Fed Facility: Yes
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: USMC CAMP LEJEUNE
Address: 1 POST LN
Tribal Indicator: N
Fed Facility: Yes
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: USMC CAMP LEJEUNE
Address: 1 POST LN
Tribal Indicator: N
Fed Facility: Yes
NAIC Code: Not reported
SIC Code: Not reported

FINDS:

Registry ID: 110041995151

Click Here:

Environmental Interest/Information System:

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AFS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

COMMUNITY WATER SYSTEM

SUPERFUND NPL

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

NC-FITS (North Carolina - Facility Identification Template For States) is North Carolina Department of Environment and Natural Resources' (NCDENR) Facility Identification Template for States that provides a common facility identifier in order to improve accessibility to comprehensive information about environmental regulated entities in the state of North Carolina.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARINE CORPS BASE CAMP LEJEUNE (Continued)

1000165655

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

AIR MAJOR

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring. US EPA Risk Management Plan (RMP) database stores the risk management plans reported by companies that handle, manufacture, use, or store certain flammable or toxic substances, as required under section 112(r) of the Clean Air Act (CAA).

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000165655
Registry ID:	110041995151
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110041995151
Name:	USMC CAMP LEJEUNE
Address:	1 POST LN
City,State,Zip:	CAMP LEJEUNE, NC 28542

2
WNW
1/8-1/4
0.175 mi.
922 ft.

MARLENE'S GARAGE
305 BLUE CREEK SCHOOL RD
JACKSONVILLE, NC 28540

RCRA NonGen / NLR

1010786926
NCS000001025

Relative:
Higher
Actual:
25 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	2017-02-14 00:00:00.0
Handler Name:	MARLENE'S GARAGE
Handler Address:	305 BLUE CREEK SCHOOL RD
Handler City,State,Zip:	JACKSONVILLE, NC 28540
EPA ID:	NCS000001025
Contact Name:	GEORGE GEORGE
Contact Address:	BLUE CREEK SCHOOL RD
Contact City,State,Zip:	JACKSONVILLE, NC 28540
Contact Telephone:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARLENE'S GARAGE (Continued)

1010786926

Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	04
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	E
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	BLUE CREEK SCHOOL RD
Mailing City,State,Zip:	JACKSONVILLE, NC 28540
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
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 Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARLENE'S GARAGE (Continued)

1010786926

Groundwater Controls Indicator:	N/A
Operating TSD Universe:	Not reported
Full Enforcement Universe:	Not reported
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
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2017-02-14 14:03:20.0
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:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	2006-10-05 00:00:00.0
Handler Name:	MARLENE'S GARAGE
Federal Waste Generator Description:	Not reported
State District Owner:	Not reported
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:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2017-02-14 00:00:00.0
Handler Name:	MARLENE'S GARAGE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
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:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found
--------------	----------------------

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARLENE'S GARAGE (Continued)

1010786926

Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARLENE'S GARAGE (Continued)

1010786926

SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	2006-10-05 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	NC006
Evaluation Responsible Sub-Organization:	07
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	2016-12-08 00:00:00.0
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	NC055
Evaluation Responsible Sub-Organization:	11
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

3
ESE
1/8-1/4
0.193 mi.
1020 ft.

JOHN T. LAYTON
END CANADY ROAD
JACKSONVILLE, NC 28540

LCID S123082934
N/A

Relative:
Lower
Actual:
21 ft.

LCID:	
Name:	JOHN T. LAYTON
Address:	END CANADY ROAD
Address 2:	Not reported
City,State,Zip:	JACKSONVILLE, NC 28540
FID ID:	270
Location ID:	N0473
Status:	Open
Latitude:	34.747923000000000
Longitude:	-77.466322000000010

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

4
NW
1/4-1/2
0.338 mi.
1786 ft.

BLUE CREEK ELEMENTARY
1260 BURGAW HIGHWAY
JACKSONVILLE, NC 28540

LUST
INST CONTROL
S114020631
N/A

Relative:
Higher

Actual:
28 ft.

LUST:

Name: BLUE CREEK ELEMENTARY
Address: 1260 BURGAW HIGHWAY
City,State,Zip: JACKSONVILLE, NC 28540
Facility ID: Not reported
UST Number: WI-7790
Incident Number: 32880
Contamination Type: Groundwater/Both
Source Type: Leak-underground
Product Type: PETROLEUM
Date Reported: 09/03/2013
Date Occur: 08/05/2013
Cleanup: 08/05/2013
Closure Request: Not reported
Close Out: 01/11/2018
Level Of Soil Cleanup Achieved: Residential
Tank Regulated Status: NON REGULATED
Of Supply Wells: 0
Commercial/NonCommercial UST Site: COMMERCIAL
Risk Classification: L
Risk Class Based On Review: L
Corrective Action Plan Type: Not reported
NOV Issue Date: Not reported
NORR Issue Date: Not reported
Site Priority: Not reported
Phase Of LSA Req: 2
Site Risk Reason: Not reported
Land Use: Industrial/commercial
MTBE: No
MTBE1: No
Flag: No
Flag1: No
LUR Filed: 11/30/2017
Release Detection: 0
Current Status: File Located in Archives
RBCA GW: Cleanups to alternate standards
PETOPT: 4
RPL: True
CD Num: 0
Reel Num: 0
RPOW: True
RPOP: True
Error Flag: 0
Error Code: N
Valid: True
Lat/Long Decimal: 34.7528 -77.4771
Testlat: Not reported
Regional Officer Project Mgr: sak
Region: WIL
Company: ONSLOW COUNTY BOARD OF EDU
Contact Person: MR. DUSTY OLIVER
Telephone: 9104552211
RP Address: 200 BROADHURST RD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BLUE CREEK ELEMENTARY (Continued)

S114020631

RP City,St,Zip: JACKSONVILLE, NC 28540
RP County: Not reported
Comments: Mr. Dusty Oliver ext. is 20544. Stop funding letter issued 3/19/2014.
Only one well request with th e LSA . Was VM site. // NORP NORR sent
August 3, 2017. Need LUR on groundwater and public notice for both GW
& Soil. 112/06/22017 - LUR filed, waiting jfor public notice then
issue final NFA
5 Min Quad: Not reported

PIRF:

Facility Id: 32880
Date Occurred: 8/5/2013
Date Reported: 9/3/2013
Description Of Incident: Not reported
Owner/Operator: Not reported
Ownership: 6
Operation Type: 4
Type: 4
Location: 1
Site Priority: Not reported
Priority Update: Not reported
Wells Affected Y/N: N
Samples Include: Not reported
7#5 Minute Quad: Y
5 Minute Quad: Not reported
Pirf/Min Soil: Not reported
Release Code: Not reported
Source Code: Not reported
Err Type: 2
Cause: 3
Source: A
Ust Number: P

Last Modified: 1/11/2018
Incident Phase: Closed Out
NOV Issued: Not reported
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: Not reported

[Click here to access the North Carolina DEQ records for this facility:](#)

INST CONTROL:

Name: BLUE CREEK ELEMENTARY
Address: 1260 BURGAW HIGHWAY
City,State,Zip: JACKSONVILLE, NC
Project Number: WI-7790
Object ID: 5075
DWM Contact: Wilmington Regional Office (910) 796-7215
DWM Program: Underground Storage Tank Section
Project Status: No Further Action

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BLUE CREEK ELEMENTARY (Continued)

S114020631

COC:	Multi COC
Contamination Source:	UST System
Received Date:	11/29/2017
Restricted Media:	Groundwater Only
Allowed Use:	Media Restrictions Only
Certification:	None
Plant Reception Date:	Not reported
Instrument Status:	Effective
Deed BK:	Not reported
Deed PG:	Not reported
Plat BK:	Not reported
Plat PG:	Not reported
Instrument:	Notice and Restriction
Deed:	Not reported
Deed Date:	Recorded 11-29-2017
Plat:	Not reported
Plat Date:	Not reported
X Coord:	2457392.9252
Y Coord:	368485.73173

A5
North
1/4-1/2
0.367 mi.
1939 ft.

TOMMY POLLARD PROPERTY, PARCEL
INTERSECTION OF HWY. 24 & 53
JACKSONVILLE, NC

IMD S105912112
N/A

Site 1 of 2 in cluster A

Relative:
Higher
Actual:
29 ft.

IMD:	14342
Facility ID:	TOMMY POLLARD PROPERTY, PARCEL
Name:	INTERSECTION OF HWY. 24 & 53
Address:	JACKSONVILLE, NC
City,State,Zip:	7/27/1995
Date Occurred:	8/1/1995
Submit Date:	CONTAM. SOILS EXCAV. & DISPOSED
Incident Desc:	POLLARD, TOMMY
Operator:	Not reported
UST ID:	Not reported
Incident ID:	Not reported
Initials of UST Regional Contact:	Not reported
Regional Office:	Not reported
Responsible Party/Company Name:	Not reported
Ownership:	1
Responsible Party Contact Name:	Not reported
Operation:	2
Responsible Party Mailing Address:	Not reported
Responsible Party City,State,Zip:	Not reported
Ownership:	Municipal
Operation Type:	Agricultural
Responsible Party County:	Not reported
Source of Contamination:	Not reported
Source:	7
Type:	6
Location:	1
Petroleum Type:	Not reported
Date Incident Reported:	Not reported
Whether Tank is Commercial or Non Commercial:	Not reported
Site Priority:	Not reported
Whether Tank is Regulated:	Not reported
Priority Update:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOMMY POLLARD PROPERTY, PARCEL (Continued)

S105912112

Notice of Regulatory Requirement:	Not reported
Wells Affected:	N
Notice of Violation:	Not reported
Phase 1 or Phase 2:	Not reported
Num Affected:	0
Site Priority:	Not reported
Type:	SEWAGE/SEPTAGE
Location:	Facility
Current Risk Condition:	Not reported
Sampled By:	4
Samples Include:	2
Initial reported risk of incident (never changes):	Not reported
7.5 Min Quad:	Not reported
5 Min Quad:	W25X
Intermediate Condition Present:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Use of Land, Industrial:	Not reported
Corrective Action Plan Selected - up to 5:	Not reported
RBCA:	Not reported
Date Close Review Requested From RP or Owner:	Not reported
Date Case Closed:	Not reported
Extent of Contamination:	Not reported
Number of Supply Wells Located on Property:	Not reported
MTBE in Well Y/N/U Yes, No or Unknown:	Not reported
Facility Phone Number:	Not reported
MTBE in Groundwater Y/N/U Yes, No or Unknown:	Not reported
Date Land Use Restriction Filed:	Not reported
Date Cleanup Initiated:	Not reported
Record Status:	Not reported
RBCA GW Codes:	Not reported
RBCA GW:	Not reported
Pollutant Type Present:	Not reported
Reference Number for Media Disk for Archived Record:	Not reported
RP Owner?:	Not reported
RP Operator?:	Not reported
RP Landowner?:	Not reported

6
North
1/4-1/2
0.400 mi.
2110 ft.

WHIZZ MART 1
3034 RICHLANDS HWY.
JACKSONVILLE, NC 28540

LUST **S121290960**
INST CONTROL **N/A**

Relative:
Higher
Actual:
30 ft.

LUST:

Name:	WHIZZ MART 1
Address:	3034 RICHLANDS HWY.
City,State,Zip:	JACKSONVILLE, NC 28540
Facility ID:	00-0-000
UST Number:	WI-494
Incident Number:	32203
Contamination Type:	Groundwater/Both
Source Type:	Leak-underground
Product Type:	PETROLEUM
Date Reported:	01/26/2005
Date Occur:	09/29/2004
Cleanup:	09/29/2004
Closure Request:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WHIZZ MART 1 (Continued)

S121290960

Close Out: 04/27/2006
Level Of Soil Cleanup Achieved: Residential
Tank Regulated Status: REGULATED
Of Supply Wells: 0
Commercial/NonCommercial UST Site: COMMERCIAL
Risk Classification: L
Risk Class Based On Review: L
Corrective Action Plan Type: Not reported
NOV Issue Date: Not reported
NORR Issue Date: Not reported
Site Priority: Not reported
Phase Of LSA Req: 1
Site Risk Reason: Not reported
Land Use: Residential
MTBE: No
MTBE1: Yes
Flag: No
Flag1: No
LUR Filed: 06/13/2006
Release Detection: 0
Current Status: File Located in Archives
RBCA GW: Cleanups to alternate standards
PETOPT: 3
RPL: True
CD Num: 433
Reel Num: 0
RPOW: True
RPOP: True
Error Flag: 0
Error Code: Not reported
Valid: True
Lat/Long Decimal: 34.7561 -77.4723
Testlat: Not reported
Regional Officer Project Mgr: JDP
Region: WIL
Company: GREAT GAS & OIL COMPANY
Contact Person: JERRY ALLEN
Telephone: 9103477138
RP Address: 910 N. MARINE BOULEVARD
RP City,St,Zip: JACKSONVILLE, NC 28540
RP County: Not reported
Comments: September 2004: Soil samples reveal petroleum contamination along diesel product piping around UST Basin. Groundwater slightly above 2L for C9-C22 aromatics, all other compounds below standards. NRP-NORR sent 8-22-05. NFA sent 4-27-06.

5 Min Quad: Not reported

PIRF:
Facility Id: 32203
Date Occurred: 9/29/2004
Date Reported: 1/26/2005
Description Of Incident: Soil samples around UST basin confirm release.
Owner/Operator: Not reported
Ownership: 4
Operation Type: 6
Type: 3
Location: 1
Site Priority: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WHIZZ MART 1 (Continued)

S121290960

Priority Update:	Not reported
Wells Affected Y/N:	Not reported
Samples Include:	Not reported
7#5 Minute Quad:	Y
5 Minute Quad:	Not reported
Pirf/Min Soil:	Not reported
Release Code:	Not reported
Source Code:	Not reported
Err Type:	9
Cause:	Not reported
Source:	C
Ust Number:	C

Last Modified:	4/27/2006
Incident Phase:	Closed Out
NOV Issued:	Not reported
NORR Issued:	Not reported
45 Day Report:	Not reported
Public Meeting Held:	Not reported
Corrective Action Planned:	Not reported
SOC Signed:	Not reported
Reclassification Report:	Not reported
RS Designation:	Not reported
Closure Request Date:	Not reported
Close-out Report:	Not reported

[Click here to access the North Carolina DEQ records for this facility:](#)

INST CONTROL:

Name:	WHIZZ MART 1
Address:	3034 RICHLANDS HWY.
City,State,Zip:	JACKSONVILLE, NC
Project Number:	WI-494
Object ID:	4882
DWM Contact:	Wilmington Regional Office (910) 796-7215
DWM Program:	Underground Storage Tank Section
Project Status:	No Further Action
COC:	Multi COC
Contamination Source:	UST System
Received Date:	6/12/2006
Restricted Media:	Groundwater Only
Allowed Use:	Media Restrictions Only
Certification:	None
Plant Reception Date:	Not reported
Instrument Status:	Effective
Deed BK:	Not reported
Deed PG:	Not reported
Plat BK:	Not reported
Plat PG:	Not reported
Instrument:	Notice and Restriction
Deed:	Not reported
Deed Date:	Recorded 6-12-2006
Plat:	Not reported
Plat Date:	Not reported
X Coord:	2458817.279
Y Coord:	369707.63676

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A7 **JACKSONVILLE RADIO RELAY STATION**
North **HWY 258 NEAR MARAPESE LANE**
1/4-1/2 **JACKSONVILLE, NC 28544**
0.400 mi.
2113 ft. **Site 2 of 2 in cluster A**

LUST **S121425620**
N/A

Relative:
Higher

Actual:
29 ft.

LUST:
Name: JACKSONVILLE RADIO RELAY STATION
Address: HWY 258 NEAR MARAPESE LANE
City,State,Zip: JACKSONVILLE, NC 28544
Facility ID: 00-0-000
UST Number: WI-1324
Incident Number: 15405
Contamination Type: Soil
Source Type: Leak-underground
Product Type: PETROLEUM
Date Reported: 10/04/1995
Date Occur: 10/04/1995
Cleanup: 10/04/1995
Closure Request: Not reported
Close Out: 11/29/2017
Level Of Soil Cleanup Achieved: Not reported
Tank Regulated Status: REGULATED
Of Supply Wells: 0
Commercial/NonCommercial UST Site: COMMERCIAL
Risk Classification: L
Risk Class Based On Review: L
Corrective Action Plan Type: Not reported
NOV Issue Date: Not reported
NORR Issue Date: Not reported
Site Priority: Not reported
Phase Of LSA Req: Not reported
Site Risk Reason: Not reported
Land Use: Not reported
MTBE: Not reported
MTBE1: Unknown
Flag: No
Flag1: No
LUR Filed: Not reported
Release Detection: 0
Current Status: File Located in House
RBCA GW: Not reported
PETOPT: 3
RPL: False
CD Num: 0
Reel Num: 0
RPOW: False
RPOP: False
Error Flag: 0
Error Code: Not reported
Valid: False
Lat/Long Decimal: 34.7561 -77.4714
Testlat: Not reported
Regional Officer Project Mgr: BAR
Region: WIL
Company: AT & T COMMUNICATIONS
Contact Person: MR. LARRY MCKELVY
Telephone: Not reported
RP Address: 1200 PEAACHTREE ST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JACKSONVILLE RADIO RELAY STATION (Continued)

S121425620

RP City,St,Zip: ATLANTA, GA 30309
RP County: Not reported
Comments: TO DR TO PIRF ONLY, THEN NFA, soil below sse score (2/03). See also Whizz Mart #1 (Incident 32203) JDP. Assigned to Michele on 6/12/08. Soil below new action levels. NFA on 11/29/2017. BR

5 Min Quad: Not reported

PIRF:

Facility Id: 15405
Date Occurred: 10/4/1995
Date Reported: 5/13/1996
Description Of Incident: MINOR SOIL CONTAMINATION CONFIRMED FROM UST LEAK.
Owner/Operator: LARRY MCKELVY-BLDG SUPV.
Ownership: 4
Operation Type: 5
Type: 3
Location: 1
Site Priority: Not reported
Priority Update: Not reported
Wells Affected Y/N: Not reported
Samples Include: 0
7#5 Minute Quad: Not reported
5 Minute Quad: Not reported
Pirf/Min Soil: Not reported
Release Code: Not reported
Source Code: Min_Soil
Err Type: Not reported
Cause: Not reported
Source: Not reported
Ust Number: Not reported

Last Modified: 11/29/2017
Incident Phase: Closed Out
NOV Issued: Not reported
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: Not reported

[Click here to access the North Carolina DEQ records for this facility:](#)

B8
NNW
1/4-1/2
0.406 mi.
2145 ft.
Site 1 of 2 in cluster B

VALUE XPRESS MART
3051 RICHLANDS HWY
JACKSONVILLE, NC 28540

LUST **1000493293**
UST **N/A**
INST CONTROL
IMD

Relative:
Higher
Actual:
30 ft.

LUST:
Name: CONOCO # 33036
Address: 3051 RICHLANDS HWY.
City,State,Zip: JACKSONVILLE, NC 28540
Facility ID: 00-0-000
UST Number: WI-1246

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VALUE XPRESS MART (Continued)

1000493293

Incident Number:	13978
Contamination Type:	Groundwater/Both
Source Type:	Leak-underground
Product Type:	PETROLEUM
Date Reported:	08/15/1994
Date Occur:	05/18/1994
Cleanup:	08/15/1994
Closure Request:	Not reported
Close Out:	12/06/2002
Level Of Soil Cleanup Achieved:	Industrial/Commercial
Tank Regulated Status:	REGULATED
# Of Supply Wells:	0
Commercial/NonCommercial UST Site:	COMMERCIAL
Risk Classification:	L
Risk Class Based On Review:	L
Corrective Action Plan Type:	PS
NOV Issue Date:	Not reported
NORR Issue Date:	02/05/2001
Site Priority:	90E
Phase Of LSA Req:	Not reported
Site Risk Reason:	Not reported
Land Use:	Industrial/commercial
MTBE:	Not reported
MTBE1:	Unknown
Flag:	No
Flag1:	No
LUR Filed:	01/10/2003
Release Detection:	0
Current Status:	File Located in Archives
RBCA GW:	Cleanups to alternate standards
PETOPT:	3
RPL:	False
CD Num:	176
Reel Num:	3911
RPOW:	False
RPOP:	False
Error Flag:	0
Error Code:	Not reported
Valid:	False
Lat/Long Decimal:	34.7553 -77.4735
Testlat:	Not reported
Regional Officer Project Mgr:	DTM
Region:	WIL
Company:	CONOCO, INC.
Contact Person:	MR. JOHN SKOPAK
Telephone:	2812935584
RP Address:	P.O. BOX 2197
RP City,St,Zip:	HOUSTON, TX 77079
RP County:	Not reported
Comments:	DAIL WELL ABANDONED ON JULY 18, 2000, THUS LOWERING RISK
5 Min Quad:	Not reported
PIRF:	
Facility Id:	13978
Date Occurred:	5/12/1994
Date Reported:	5/4/1995
Description Of Incident:	SAMPLES CONFIRMED GW CONTAMINATION.
Owner/Operator:	MS. MILESSA TILFORD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VALUE XPRESS MART (Continued)

1000493293

Ownership: 4
Operation Type: 6
Type: 3
Location: 1
Site Priority: 20E
Priority Update: 9/11/1998
Wells Affected Y/N: N
Samples Include: 0
7#5 Minute Quad: 3
5 Minute Quad: 1
Pirf/Min Soil: Not reported
Release Code: W25
Source Code: Pirf
Err Type: Not reported
Cause: Not reported
Source: Not reported
Ust Number: Not reported

Last Modified: 12/6/2002
Incident Phase: Closed Out
NOV Issued: Not reported
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: 5/10/1996
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: 12/6/2002

Click here to access the North Carolina DEQ records for this facility:
Name: VALUE EXPRESS MART
Address: 3051 RICHLANDS HIGHWAY
City,State,Zip: JACKSONVILLE, NC 28540
Facility ID: 00-0-000
UST Number: WI-2222
Incident Number: 24256
Contamination Type: Soil
Source Type: Leak-underground
Product Type: PETROLEUM
Date Reported: 04/11/2002
Date Occur: 02/25/2002
Cleanup: 04/11/2002
Closure Request: Not reported
Close Out: 07/11/2002
Level Of Soil Cleanup Achieved: Soil to Groundwater
Tank Regulated Status: REGULATED
Of Supply Wells: 0
Commercial/NonCommercial UST Site: COMMERCIAL
Risk Classification: L
Risk Class Based On Review: L
Corrective Action Plan Type: Not reported
NOV Issue Date: Not reported
NORR Issue Date: Not reported
Site Priority: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VALUE XPRESS MART (Continued)

1000493293

Phase Of LSA Req:	Not reported
Site Risk Reason:	Not reported
Land Use:	Not reported
MTBE:	No
MTBE1:	No
Flag:	No
Flag1:	No
LUR Filed:	Not reported
Release Detection:	0
Current Status:	File Located in Archives
RBCA GW:	Not reported
PETOPT:	3
RPL:	False
CD Num:	177
Reel Num:	3911
RPOW:	False
RPOP:	False
Error Flag:	0
Error Code:	Not reported
Valid:	False
Lat/Long Decimal:	34.7961 -77.5011
Testlat:	Not reported
Regional Officer Project Mgr:	DTM
Region:	WIL
Company:	W.K. HOBBS OIL CO.
Contact Person:	W.K. HOBBS
Telephone:	Not reported
RP Address:	1332 CASTLE HAYNE ROAD
RP City,St,Zip:	WILMINGTON, NC 28401
RP County:	Not reported
Comments:	Not reported
5 Min Quad:	Not reported

PIRF:

Facility Id:	24256
Date Occurred:	2/25/2002
Date Reported:	5/15/2002
Description Of Incident:	STATE ACTION LEVELS EXCEEDED 10 PPM. ADDITIONAL SOIL WAS REMOVED ALONG THE PIPING RUN. RISK BASED SOIL SAMPLES SHOWED NO CONTAMINATION IN EXCESS OF SOIL TO GW
Owner/Operator:	W. K. HOBBS JR.
Ownership:	4
Operation Type:	6
Type:	3
Location:	1
Site Priority:	Not reported
Priority Update:	5/15/2002
Wells Affected Y/N:	Not reported
Samples Include:	Not reported
7#5 Minute Quad:	Not reported
5 Minute Quad:	Not reported
Pirf/Min Soil:	Not reported
Release Code:	Not reported
Source Code:	Not reported
Err Type:	2
Cause:	Not reported
Source:	E
Ust Number:	E

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VALUE XPRESS MART (Continued)

1000493293

Last Modified: 5/15/2002
Incident Phase: Closed Out
NOV Issued: Not reported
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: 7/11/2002

[Click here to access the North Carolina DEQ records for this facility:](#)

UST:

Name: VALUE XPRESS MART
Address: 3051 RICHLANDS HWY
City,State,Zip: JACKSONVILLE, NC 28540
Facility Id: 00-0-0000023011
Contact: W.K. HOBBS, INC.
Contact Address1: 1332 CASTLE HAYNE ROAD
Contact Address2: Not reported
Contact City/State/Zip: WILMINGTON, NC 28401-8887
FIPS County Desc: Onslow
Latitude: 34.75533
Longitude: -77.47291

Tank Id: 1
Tank Status: Removed
Installed Date: 03/31/1984
Perm Close Date: 02/20/2002
Product Name: Gasoline, Gas Mix
Tank Capacity: 10000
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: Yes
Regulated: Yes
Other CP Tank: Not reported
Overfill Protection Name: Ball Float Valve
Spill Protection Name: Catchment Basin
Leak Detection Name: MLLD
Decode for TCONS_KEY: Single Wall FRP
Decode for PCONS_KEY: Single Wall FRP
Decode for PSYS_KEY: Unknown

[Click here to access the North Carolina DEQ records for this facility:](#)

Tank Id: 2
Tank Status: Removed
Installed Date: 03/31/1984
Perm Close Date: 02/20/2002
Product Name: Gasoline, Gas Mix
Tank Capacity: 10000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VALUE XPRESS MART (Continued)

1000493293

Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: Yes
Regulated: Yes
Other CP Tank: Not reported
Overfill Protection Name: Ball Float Valve
Spill Protection Name: Catchment Basin
Leak Detection Name: MLLD
Decode for TCONS_KEY: Single Wall FRP
Decode for PCONS_KEY: Single Wall FRP
Decode for PSYS_KEY: Unknown

[Click here to access the North Carolina DEQ records for this facility:](#)

Tank Id: 3
Tank Status: Removed
Installed Date: 03/31/1984
Perm Close Date: 02/20/2002
Product Name: Gasoline, Gas Mix
Tank Capacity: 10000
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: Yes
Regulated: Yes
Other CP Tank: Not reported
Overfill Protection Name: Ball Float Valve
Spill Protection Name: Catchment Basin
Leak Detection Name: MLLD
Decode for TCONS_KEY: Single Wall FRP
Decode for PCONS_KEY: Single Wall FRP
Decode for PSYS_KEY: Unknown

[Click here to access the North Carolina DEQ records for this facility:](#)

Tank Id: 4
Tank Status: Removed
Installed Date: 03/31/1985
Perm Close Date: 04/30/1995
Product Name: Kerosene, Kero Mix
Tank Capacity: 2000
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: Yes
Regulated: Yes
Other CP Tank: Not reported
Overfill Protection Name: Unknown
Spill Protection Name: Unknown
Leak Detection Name: Unknown
Decode for TCONS_KEY: Single Wall Steel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VALUE XPRESS MART (Continued)

1000493293

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

[Click here to access the North Carolina DEQ records for this facility:](#)

Tank Id: 4A
Tank Status: Removed
Installed Date: 05/17/1994
Perm Close Date: 02/20/2002
Product Name: Kerosene, Kero Mix
Tank Capacity: 3918
Root Tank Id: Not reported
Main Tank: No
Compartment Tank: No
Manifold Tank: Not reported
Commercial: Yes
Regulated: Yes
Other CP Tank: Not reported
Overfill Protection Name: Ball Float Valve
Spill Protection Name: Catchment Basin
Leak Detection Name: MLLD
Decode for TCONS_KEY: Single Wall FRP
Decode for PCONS_KEY: Single Wall FRP
Decode for PSYS_KEY: Unknown

[Click here to access the North Carolina DEQ records for this facility:](#)

INST CONTROL:

Name: CONOCO # 33036
Address: 3051 RICHLANDS HWY.
City,State,Zip: JACKSONVILLE, NC
Project Number: WI-1246
Object ID: 2280
DWM Contact: Wilmington Regional Office (910) 796-7215
DWM Program: Underground Storage Tank Section
Project Status: No Further Action
COC: Multi COC
Contamination Source: UST System
Received Date: 1/9/2003
Restricted Media: Multi-Media
Allowed Use: Media Restrictions Only
Certification: None
Plant Reception Date: Not reported
Instrument Status: Effective
Deed BK: Not reported
Deed PG: Not reported
Plat BK: Not reported
Plat PG: Not reported
Instrument: Notice and Restriction
Deed: Not reported
Deed Date: Recorded 1-9-2003
Plat: Not reported
Plat Date: Not reported
X Coord: 2458475.5861
Y Coord: 369423.94081

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VALUE XPRESS MART (Continued)

1000493293

IMD:

Facility ID:	24256
Name:	VALUE EXPRESS MART
Address:	3051 RICHLANDS HIGHWAY
City,State,Zip:	JACKSONVILLE, NC
Date Occurred:	2/25/2002
Submit Date:	5/15/2002
Incident Desc:	STATE ACTION LEVELS EXCEEDED 10 PPM. ADDITIONAL SOIL WAS REMOVED ALONG THE PIPING RUN. RISK BASED SOIL SAMPLES SHOWED NO CONTAMINATION IN EXCESS OF SOIL TO GW
Operator:	W.K. HOBBS
UST ID:	Not reported
Incident ID:	Not reported
Initials of UST Regional Contact:	Not reported
Regional Office:	Not reported
Responsible Party/Company Name:	Not reported
Ownership:	4
Responsible Party Contact Name:	Not reported
Operation:	6
Responsible Party Mailing Address:	Not reported
Responsible Party City,State,Zip:	Not reported
Ownership:	Private
Operation Type:	Commercial
Responsible Party County:	Not reported
Source of Contamination:	GASOLINE/DIESEL/KEROSENE
Source:	3
Type:	3
Location:	1
Petroleum Type:	Not reported
Date Incident Reported:	Not reported
Whether Tank is Commercial or Non Commercial:	Not reported
Site Priority:	Not reported
Whether Tank is Regulated:	Not reported
Priority Update:	5/15/2002
Notice of Regulatory Requirement:	Not reported
Wells Affected:	Not reported
Notice of Violation:	Not reported
Phase 1 or Phase 2:	Not reported
Num Affected:	Not reported
Site Priority:	Not reported
Type:	GASOLINE/DIESEL
Location:	Facility
Current Risk Condition:	Not reported
Sampled By:	Not reported
Samples Include:	Not reported
Initial reported risk of incident (never changes):	Not reported
7.5 Min Quad:	Not reported
5 Min Quad:	Not reported
Intermediate Condition Present:	Not reported
Latitude:	34.79611111
Longitude:	-77.50111111
Use of Land, Industrial:	Not reported
Corrective Action Plan Selected - up to 5:	Not reported
RBCA:	Not reported
Date Close Review Requested From RP or Owner:	Not reported
Date Case Closed:	Not reported
Extent of Contamination:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VALUE XPRESS MART (Continued)

1000493293

Number of Supply Wells Located on Property: Not reported
MTBE in Well Y/N/U Yes, No or Unknown: Not reported
Facility Phone Number: Not reported
MTBE in Groundwater Y/N/U Yes, No or Unknown: Not reported
Date Land Use Restriction Filed: Not reported
Date Cleanup Initiated: Not reported
Record Status: Not reported
RBCA GW Codes: Not reported
RBCA GW: Not reported
Pollutant Type Present: Not reported
Reference Number for Media Disk for Archived Record: Not reported
RP Owner?: Not reported
RP Operator?: Not reported
RP Landowner?: Not reported

Status:

Facility ID: 24256
Last Modified: 2002-05-15 00:00:00
Incident Phase: CO
NOV Issued: Not reported
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Sighned: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: 2002-07-11 00:00:00

B9
NNW
1/4-1/2
0.406 mi.
2145 ft.

CONOCO # 33036
3051 RICHLANDS HWY.
JACKSONVILLE, NC
Site 2 of 2 in cluster B

IMD S105766036
N/A

Relative:
Higher

Actual:
30 ft.

IMD:
Facility ID: 13978
Name: CONOCO # 33036
Address: 3051 RICHLANDS HWY.
City,State,Zip: JACKSONVILLE, NC
Date Occurred: 5/18/1994
Submit Date: 5/4/1995
Incident Desc: SAMPLES CONFIRMED GW CONTAMINATION.
Operator: MR. JOHN SKOPAK
UST ID: Not reported
Incident ID: Not reported
Initials of UST Regional Contact: Not reported
Regional Office: Not reported
Responsible Party/Company Name: Not reported
Ownership: 4
Responsible Party Contact Name: Not reported
Operation: 6
Responsible Party Mailing Address: Not reported
Responsible Party City,State,Zip: Not reported
Ownership: Private
Operation Type: Commercial

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONOCO # 33036 (Continued)

S105766036

Responsible Party County:	Not reported
Source of Contamination:	GASOLINE/DIESEL/KEROSENE
Source:	3
Type:	3
Location:	1
Petroleum Type:	Not reported
Date Incident Reported:	Not reported
Whether Tank is Commercial or Non Commercial:	Not reported
Site Priority:	20E
Whether Tank is Regulated:	Not reported
Priority Update:	9/11/1998
Notice of Regulatory Requirement:	Not reported
Wells Affected:	N
Notice of Violation:	Not reported
Phase 1 or Phase 2:	Not reported
Num Affected:	0
Site Priority:	Not reported
Type:	GASOLINE/DIESEL
Location:	Facility
Current Risk Condition:	Not reported
Sampled By:	3
Samples Include:	1
Initial reported risk of incident (never changes):	Not reported
7.5 Min Quad:	Not reported
5 Min Quad:	W25
Intermediate Condition Present:	Not reported
Latitude:	34.75416666
Longitude:	-77.475
Use of Land, Industrial:	Not reported
Corrective Action Plan Selected - up to 5:	Not reported
RBCA:	Not reported
Date Close Review Requested From RP or Owner:	Not reported
Date Case Closed:	Not reported
Extent of Contamination:	Not reported
Number of Supply Wells Located on Property:	Not reported
MTBE in Well Y/N/U Yes, No or Unknown:	Not reported
Facility Phone Number:	Not reported
MTBE in Groundwater Y/N/U Yes, No or Unknown:	Not reported
Date Land Use Restriction Filed:	Not reported
Date Cleanup Initiated:	Not reported
Record Status:	Not reported
RBCA GW Codes:	Not reported
RBCA GW:	Not reported
Pollutant Type Present:	Not reported
Reference Number for Media Disk for Archived Record:	Not reported
RP Owner?:	Not reported
RP Operator?:	Not reported
RP Landowner?:	Not reported

Status:

Facility ID:	13978
Last Modified:	2002-12-06 00:00:00
Incident Phase:	CO
NOV Issued:	Not reported
NORR Issued:	Not reported
45 Day Report:	Not reported
Public Meeting Held:	Not reported
Corrective Action Planned:	1996-05-10 00:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CONOCO # 33036 (Continued)

S105766036

SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: 2002-12-06 00:00:00

**C10
NE
1/4-1/2
0.411 mi.
2168 ft.**

**DODSON EXTERMINATORS/US CELLULAR
2861 RICHLANDS HWY
JACKSONVILLE, NC**

**SHWS S111283786
N/A**

Site 1 of 3 in cluster C

**Relative:
Higher
Actual:
27 ft.**

SHWS:
Name: DODSON EXTERMINATORS/US CELLULAR
Address: 2861 RICHLANDS HWY
City,State,Zip: JACKSONVILLE, NC
EPAID: NONCD0002624
Lat/Longitude: 34.75483 / -77.46544
Geolocation Method: On Screen Placement On Georeferenced Map

[Click here to access the North Carolina DEQ records for this facility:](#)

**11
SSE
1/4-1/2
0.447 mi.
2360 ft.**

**HOWARDS WASHERETTE
HIGHWAY 17 AND NCSR 1117
JACKSONVILLE, NC**

**IMD S105911975
N/A**

**Relative:
Higher
Actual:
23 ft.**

IMD:
Facility ID: 7290
Name: HOWARDS WASHERETTE
Address: HIGHWAY 17 AND NCSR 1117
City,State,Zip: JACKSONVILLE, NC
Date Occurred: 11/5/1991
Submit Date: 6/26/2003
Incident Desc: MR. HOWARD HAS BEEN ENFORCED. FACILITY IS CLOSED. NO FURTHER ACTION IS NEEDED.

Operator: HOWARD, GEORGE
UST ID: Not reported
Incident ID: Not reported
Initials of UST Regional Contact: Not reported
Regional Office: Not reported
Responsible Party/Company Name: Not reported
Ownership: 5
Responsible Party Contact Name: Not reported
Operation: 8
Responsible Party Mailing Address: Not reported
Responsible Party City,State,Zip: Not reported
Ownership: Federal
Operation Type: Not reported
Responsible Party County: Not reported
Source of Contamination: Not reported
Source: 2
Type: 10
Location: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HOWARDS WASHERETTE (Continued)

S105911975

Petroleum Type:	Not reported
Date Incident Reported:	Not reported
Whether Tank is Commercial or Non Commercial:	Not reported
Site Priority:	70
Whether Tank is Regulated:	Not reported
Priority Update:	Not reported
Notice of Regulatory Requirement:	Not reported
Wells Affected:	N
Notice of Violation:	Not reported
Phase 1 or Phase 2:	Not reported
Num Affected:	0
Site Priority:	Not reported
Type:	METALS
Location:	Not reported
Current Risk Condition:	Not reported
Sampled By:	Not reported
Samples Include:	Not reported
Initial reported risk of incident (never changes):	Not reported
7.5 Min Quad:	Not reported
5 Min Quad:	Not reported
Intermediate Condition Present:	Not reported
Latitude:	34.738611
Longitude:	-77.465277
Use of Land, Industrial:	Not reported
Corrective Action Plan Selected - up to 5:	Not reported
RBCA:	Not reported
Date Close Review Requested From RP or Owner:	Not reported
Date Case Closed:	Not reported
Extent of Contamination:	Not reported
Number of Supply Wells Located on Property:	Not reported
MTBE in Well Y/N/U Yes, No or Unknown:	Not reported
Facility Phone Number:	Not reported
MTBE in Groundwater Y/N/U Yes, No or Unknown:	Not reported
Date Land Use Restriction Filed:	Not reported
Date Cleanup Initiated:	Not reported
Record Status:	Not reported
RBCA GW Codes:	Not reported
RBCA GW:	Not reported
Pollutant Type Present:	Not reported
Reference Number for Media Disk for Archived Record:	Not reported
RP Owner?:	Not reported
RP Operator?:	Not reported
RP Landowner?:	Not reported

C12 **EMRO SERVICE STATION #226**
NE **2840 RICHLAND HWY.**
1/4-1/2 **JACKSONVILLE, NC**
0.458 mi.
2420 ft. **Site 2 of 3 in cluster C**

LUST **S106349067**
LUST TRUST **N/A**
INST CONTROL
IMD

Relative:	LUST:	
Higher	Name:	EMRO SERVICE STATION
	Address:	2840 RICHLAND HWY
	City,State,Zip:	JACKSONVILLE, NC
	Facility ID:	Not reported
	UST Number:	WI-822
	Incident Number:	5643
Actual:	Contamination Type:	Groundwater/Both
29 ft.		

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMRO SERVICE STATION #226 (Continued)

S106349067

Source Type:	Leak-underground
Product Type:	PETROLEUM
Date Reported:	01/24/1990
Date Occur:	01/24/1990
Cleanup:	01/24/1990
Closure Request:	Not reported
Close Out:	03/27/2019
Level Of Soil Cleanup Achieved:	Residential
Tank Regulated Status:	REGULATED
# Of Supply Wells:	0
Commercial/NonCommercial UST Site:	COMMERCIAL
Risk Classification:	L
Risk Class Based On Review:	L
Corrective Action Plan Type:	Not reported
NOV Issue Date:	Not reported
NORR Issue Date:	Not reported
Site Priority:	Not reported
Phase Of LSA Req:	Not reported
Site Risk Reason:	Not reported
Land Use:	Not reported
MTBE:	No
MTBE1:	Yes
Flag:	No
Flag1:	No
LUR Filed:	03/26/2008
Release Detection:	0
Current Status:	File Located in House
RBCA GW:	Cleanups to alternate standards
PETOPT:	3
RPL:	False
CD Num:	0
Reel Num:	0
RPOW:	False
RPOP:	False
Error Flag:	0
Error Code:	Not reported
Valid:	False
Lat/Long Decimal:	34.7555 -77.4647
Testlat:	Not reported
Regional Officer Project Mgr:	SAK
Region:	WIL
Company:	Not reported
Contact Person:	EMRO MARKETING CO./TOM MCCOMB
Telephone:	Not reported
RP Address:	1954 AIRPORT RD.
RP City,St,Zip:	CHAMBLEE,, GA
RP County:	Not reported
Comments:	same site as speedway 226 (inc. no. 7084) which is closed with a LUR on the groundwater. This incident (#5643) was administratively closed on March 27, 2019.
5 Min Quad:	Not reported
PIRF:	
Facility Id:	5643
Date Occurred:	1/24/1990
Date Reported:	5/29/1990
Description Of Incident:	ON 1/24/90 A 3,000 GAL. UST WAS REPORTED TO BE GAINING WATER. INVESTIGATION CONFIRMED SOIL AND GW CONTAMINATION.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMRO SERVICE STATION #226 (Continued)

S106349067

Owner/Operator:	EMRO MARKETING CO./TOM MCCOMB
Ownership:	4
Operation Type:	6
Type:	3
Location:	1
Site Priority:	95
Priority Update:	Not reported
Wells Affected Y/N:	N
Samples Include:	0
7#5 Minute Quad:	3
5 Minute Quad:	Not reported
Pirf/Min Soil:	Not reported
Release Code:	Not reported
Source Code:	Pirf
Err Type:	Not reported
Cause:	Not reported
Source:	Not reported
Ust Number:	Not reported

Last Modified:	3/27/2019
Incident Phase:	Closed Out
NOV Issued:	Not reported
NORR Issued:	Not reported
45 Day Report:	Not reported
Public Meeting Held:	Not reported
Corrective Action Planned:	Not reported
SOC Signed:	Not reported
Reclassification Report:	Not reported
RS Designation:	Not reported
Closure Request Date:	Not reported
Close-out Report:	Not reported

Click here to access the North Carolina DEQ records for this facility:

Name:	SPEEDWAY UNIT # 226
Address:	2840 RICHLAND HWY.
City,State,Zip:	JACKSONVILLE, NC
Facility ID:	00-0-000
UST Number:	WI-954
Incident Number:	7084
Contamination Type:	Groundwater/Both
Source Type:	Leak-underground
Product Type:	PETROLEUM
Date Reported:	01/24/1990
Date Occur:	01/24/1990
Cleanup:	01/24/1990
Closure Request:	Not reported
Close Out:	05/05/2008
Level Of Soil Cleanup Achieved:	Residential
Tank Regulated Status:	REGULATED
# Of Supply Wells:	0
Commercial/NonCommercial UST Site:	COMMERCIAL
Risk Classification:	H
Risk Class Based On Review:	L
Corrective Action Plan Type:	air sparging and soil vapor extraction
NOV Issue Date:	Not reported
NORR Issue Date:	10/10/1991

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMRO SERVICE STATION #226 (Continued)

S106349067

Site Priority:	85E
Phase Of LSA Req:	Not reported
Site Risk Reason:	Not reported
Land Use:	Residential
MTBE:	No
MTBE1:	Yes
Flag:	No
Flag1:	No
LUR Filed:	03/26/2008
Release Detection:	0
Current Status:	File Located in Archives
RBCA GW:	Cleanups to alternate standards
PETOPT:	3
RPL:	False
CD Num:	433
Reel Num:	0
RPOW:	True
RPOP:	False
Error Flag:	0
Error Code:	Not reported
Valid:	False
Lat/Long Decimal:	34.7556 -77.4643
Testlat:	Not reported
Regional Officer Project Mgr:	SAK
Region:	WIL
Company:	SPEEDWAY SUPERAMERICA LLC
Contact Person:	MR. JEFF KEIFER
Telephone:	Not reported
RP Address:	500 SPEEDWAY DRIVE
RP City,St,Zip:	ENON, OH 45323
RP County:	Not reported
Comments:	water supply on adjacent property; 2nd CLOSURE, 1/25/95, SEE FILES,2ND RELEASE PIRF , same as emro - inc.5643, has g.w. contamination above 2L in two mw's, sent in taco for mmpe to get <2L and for additional soil excavations in two areas (feb/06) Wait for P,N., then close. Site is closed. Well abandonment report received (9/08)
5 Min Quad:	Not reported
PIRF:	
Facility Id:	7084
Date Occurred:	1/24/1990
Date Reported:	12/4/1991
Description Of Incident:	A 3,000 GAL. UST WAS REPORTED GAINING WATER.
Owner/Operator:	Not reported
Ownership:	4
Operation Type:	6
Type:	3
Location:	1
Site Priority:	85
Priority Update:	4/9/1998
Wells Affected Y/N:	N
Samples Include:	0
7#5 Minute Quad:	3
5 Minute Quad:	Not reported
Pirf/Min Soil:	Not reported
Release Code:	Not reported
Source Code:	Pirf

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMRO SERVICE STATION #226 (Continued)

S106349067

Err Type: Not reported
Cause: Not reported
Source: Not reported
Ust Number: Not reported

Last Modified: 5/5/2008
Incident Phase: Closed Out
NOV Issued: Not reported
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: Not reported

[Click here to access the North Carolina DEQ records for this facility:](#)

LUST TRUST:

Name: EMRO SERVICE STATION #226
Address: 2840 RICHLAND HWY.
City,State,Zip: JACKSONVILLE, NC
Facility ID: 0-020630
Site ID: 7084
Site Note: Not reported
Site Eligible?: True
Commercial Find: 100% Commercial
Priority Rank: Low
Deductable Amount: 50000
3rd Party Deductable Amt: 100000
Sum 3rd Party Amt Applied: 0

INST CONTROL:

Name: SPEEDWAY UNIT # 226
Address: 2840 RICHLAND HWY.
City,State,Zip: JACKSONVILLE, NC
Project Number: WI-954
Object ID: 1490
DWM Contact: Wilmington Regional Office (910) 796-7215
DWM Program: Underground Storage Tank Section
Project Status: No Further Action
COC: Multi COC
Contamination Source: UST System
Received Date: 3/25/2008
Restricted Media: Groundwater Only
Allowed Use: Media Restrictions Only
Certification: None
Plant Reception Date: Not reported
Instrument Status: Effective
Deed BK: Not reported
Deed PG: Not reported
Plat BK: Not reported
Plat PG: Not reported
Instrument: Notice and Restriction

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMRO SERVICE STATION #226 (Continued)

S106349067

Deed: Not reported
Deed Date: Recorded 3-25-2008
Plat: Not reported
Plat Date: Not reported
X Coord: 2461230.0173
Y Coord: 369555.01469

IMD:

Facility ID: 7084
Name: SPEEDWAY UNIT # 226
Address: 2840 RICHLAND HWY.
City,State,Zip: JACKSONVILLE, NC
Date Occurred: 1/24/1990
Submit Date: 12/4/1991
Incident Desc: A 3,000 GAL. UST WAS REPORTED GAINING WATER.
Operator: MS. ANGELA ENGLE
UST ID: Not reported
Incident ID: Not reported
Initials of UST Regional Contact: Not reported
Regional Office: Not reported
Responsible Party/Company Name: Not reported
Ownership: 4
Responsible Party Contact Name: Not reported
Operation: 6
Responsible Party Mailing Address: Not reported
Responsible Party City,State,Zip: Not reported
Ownership: Private
Operation Type: Commercial
Responsible Party County: Not reported
Source of Contamination: GASOLINE/DIESEL/KEROSENE
Source: 3
Type: 3
Location: 1
Petroleum Type: Not reported
Date Incident Reported: Not reported
Whether Tank is Commercial or Non Commercial: Not reported
Site Priority: 85
Whether Tank is Regulated: Not reported
Priority Update: 4/9/1998
Notice of Regulatory Requirement: Not reported
Wells Affected: N
Notice of Violation: Not reported
Phase 1 or Phase 2: Not reported
Num Affected: 0
Site Priority: Not reported
Type: GASOLINE/DIESEL
Location: Facility
Current Risk Condition: Not reported
Sampled By: 3
Samples Include: Not reported
Initial reported risk of incident (never changes): Not reported
7.5 Min Quad: Not reported
5 Min Quad: Not reported
Intermediate Condition Present: Not reported
Latitude: 34.755609393
Longitude: -77.46435893
Use of Land, Industrial: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMRO SERVICE STATION #226 (Continued)

S106349067

Corrective Action Plan Selected - up to 5:	Not reported
RBCA:	Not reported
Date Close Review Requested From RP or Owner:	Not reported
Date Case Closed:	Not reported
Extent of Contamination:	Not reported
Number of Supply Wells Located on Property:	Not reported
MTBE in Well Y/N/U Yes, No or Unknown:	Not reported
Facility Phone Number:	Not reported
MTBE in Groundwater Y/N/U Yes, No or Unknown:	Not reported
Date Land Use Restriction Filed:	Not reported
Date Cleanup Initiated:	Not reported
Record Status:	Not reported
RBCA GW Codes:	Not reported
RBCA GW:	Not reported
Pollutant Type Present:	Not reported
Reference Number for Media Disk for Archived Record:	Not reported
RP Owner?:	Not reported
RP Operator?:	Not reported
RP Landowner?:	Not reported

Status:

Facility ID:	7084
Last Modified:	2008-05-05 00:00:00
Incident Phase:	CO
NOV Issued:	Not reported
NORR Issued:	Not reported
45 Day Report:	Not reported
Public Meeting Held:	Not reported
Corrective Action Planned:	Not reported
SOC Signed:	Not reported
Reclassification Report:	Not reported
RS Designation:	Not reported
Closure Request Date:	Not reported
Close-out Report:	Not reported

C13
NE
1/4-1/2
0.458 mi.
2420 ft.

RICHLANDS HWY-2840, D'SMART
2840 RICHLANDS HWY
JACKSONVILLE, NC 28540

Site 3 of 3 in cluster C

LUST **S120839944**
N/A

Relative:
Higher
Actual:
29 ft.

LUST:

Name:	RICHLANDS HWY-2840, D'SMART
Address:	2840 RICHLANDS HWY
City,State,Zip:	JACKSONVILLE, NC 28540
Facility ID:	Not reported
UST Number:	WI-7885
Incident Number:	43065
Contamination Type:	Soil
Source Type:	Leak-underground
Product Type:	PETROLEUM
Date Reported:	02/05/2015
Date Occur:	10/17/2014
Cleanup:	10/17/2014
Closure Request:	Not reported
Close Out:	04/04/2017
Level Of Soil Cleanup Achieved:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICHLANDS HWY-2840, D'SMART (Continued)

S120839944

Tank Regulated Status:	REGULATED
# Of Supply Wells:	0
Commercial/NonCommercial UST Site:	COMMERCIAL
Risk Classification:	U
Risk Class Based On Review:	L
Corrective Action Plan Type:	Not reported
NOV Issue Date:	Not reported
NORR Issue Date:	Not reported
Site Priority:	Not reported
Phase Of LSA Req:	Not reported
Site Risk Reason:	Not reported
Land Use:	Not reported
MTBE:	No
MTBE1:	Unknown
Flag:	No
Flag1:	No
LUR Filed:	Not reported
Release Detection:	0
Current Status:	File Located in Archives
RBCA GW:	Not reported
PETOPT:	3
RPL:	True
CD Num:	0
Reel Num:	0
RPOW:	True
RPOP:	True
Error Flag:	0
Error Code:	N
Valid:	True
Lat/Long Decimal:	34.7555 -77.4647
Testlat:	Not reported
Regional Officer Project Mgr:	BAR
Region:	WIL
Company:	BAILEY AND ASSOCATES, INC.
Contact Person:	CHRIS BAILEY
Telephone:	9103468443
RP Address:	405-D WESTERN BLVD
RP City,St,Zip:	JACKSONVILLE, NC 28546
RP County:	Not reported
Comments:	AMEC is the consultant. Add info submitted on 4/3/17. TPH below action levels. NFA. File archived 4/13/2017.
5 Min Quad:	Not reported
PIRF:	
Facility Id:	43065
Date Occurred:	Not reported
Date Reported:	Not reported
Description Of Incident:	17.4 mg/kg TPH-DRO found near one dispenser location post-tank closure, source unclear as highway stormwater drains onto site. Below action level. NFA.
Owner/Operator:	Not reported
Ownership:	4
Operation Type:	6
Type:	3
Location:	1
Site Priority:	Not reported
Priority Update:	Not reported
Wells Affected Y/N:	N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RICHLANDS HWY-2840, D'SMART (Continued)

S120839944

Samples Include: Not reported
7#5 Minute Quad: Y
5 Minute Quad: Not reported
Pirf/Min Soil: Not reported
Release Code: Not reported
Source Code: Not reported
Err Type: 2
Cause: 7
Source: C
Ust Number: P

Last Modified: 4/4/2017
Incident Phase: Closed Out
NOV Issued: Not reported
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: Not reported

[Click here to access the North Carolina DEQ records for this facility:](#)

D14
NE
1/4-1/2
0.480 mi.
2534 ft.

GOODSON BROS. 258 TRUCK STOP
HWY 258/24 & YOPP RD
JACKSONVILLE, NC 28540

LUST **S117329733**
INST CONTROL **N/A**

Site 1 of 3 in cluster D

Relative:
Higher
Actual:
28 ft.

LUST:
Name: GOODSON BROS. 258 TRUCK STOP
Address: HWY 258/24 & YOPP RD
City,State,Zip: JACKSONVILLE, NC 28540
Facility ID: 00-0-000
UST Number: WI-1124
Incident Number: 11711
Contamination Type: Groundwater/Both
Source Type: Leak-underground
Product Type: PETROLEUM
Date Reported: 02/02/1994
Date Occur: 12/17/1993
Cleanup: 12/17/1993
Closure Request: Not reported
Close Out: 08/27/2014
Level Of Soil Cleanup Achieved: Industrial/Commercial
Tank Regulated Status: REGULATED
Of Supply Wells: 1
Commercial/NonCommercial UST Site: COMMERCIAL
Risk Classification: H
Risk Class Based On Review: L
Corrective Action Plan Type: L
NOV Issue Date: Not reported
NORR Issue Date: 02/14/1994
Site Priority: 80B
Phase Of LSA Req: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOODSON BROS. 258 TRUCK STOP (Continued)

S117329733

Site Risk Reason:	Not reported
Land Use:	Not reported
MTBE:	No
MTBE1:	Yes
Flag:	No
Flag1:	No
LUR Filed:	08/28/2014
Release Detection:	0
Current Status:	File Located in Archives
RBCA GW:	Cleanups to 2L.0202 standards
PETOPT:	3
RPL:	False
CD Num:	581
Reel Num:	0
RPOW:	True
RPOP:	True
Error Flag:	0
Error Code:	Not reported
Valid:	False
Lat/Long Decimal:	34.7549 -77.4633
Testlat:	Not reported
Regional Officer Project Mgr:	BAR
Region:	WIL
Company:	GOODSON BROTHERS 258 TRUCK STO
Contact Person:	MS. LEE BEARD
Telephone:	9103471216
RP Address:	P.O. BOX 1120
RP City,St,Zip:	JACKSONVILLE, NC 28450
RP County:	Not reported
Comments:	Release discovered in 1993. Monitoring only CAP after soil removal and disposal via SR permit. Bailey & Associates bought property for development purposes. 06/04/2012: mw's gone from site, site re-graded, Super Wal-Mart in vicinity or next door. Well across street had slight detections of VOC's in 1996 sample. Other samplings of the well <PQL. TA rec 06/04/2013. Elig was transferred to the new property owner. Assessment rec in Sept 2013 shows no exceedances in gw. 2 wsw's sampled and also BDL. One wsw out of service, residence unoccupied. Now low-risk. NRP required. Property subdivided: NRP property is now known as PetsMart Tract A Outparcel. File pulled for archiving in 9/2015..
5 Min Quad:	Not reported
PIRF:	
Facility Id:	11711
Date Occurred:	12/17/1993
Date Reported:	2/15/1994
Description Of Incident:	UPON UST CLOSURE SOIL AND GW SAMPLES CONFIRMED CONTAMINATION.
Owner/Operator:	MS. LEE BEARD
Ownership:	4
Operation Type:	6
Type:	3
Location:	1
Site Priority:	80B
Priority Update:	5/30/1998
Wells Affected Y/N:	N
Samples Include:	0
7#5 Minute Quad:	3
5 Minute Quad:	1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOODSON BROS. 258 TRUCK STOP (Continued)

S117329733

Pirf/Min Soil:	Not reported
Release Code:	W25
Source Code:	Pirf
Err Type:	Not reported
Cause:	Not reported
Source:	Not reported
Ust Number:	Not reported

Last Modified:	8/27/2014
Incident Phase:	Closed Out
NOV Issued:	Not reported
NORR Issued:	Not reported
45 Day Report:	Not reported
Public Meeting Held:	Not reported
Corrective Action Planned:	10/18/1996
SOC Signed:	Not reported
Reclassification Report:	Not reported
RS Designation:	Not reported
Closure Request Date:	Not reported
Close-out Report:	Not reported

[Click here to access the North Carolina DEQ records for this facility:](#)

INST CONTROL:

Name:	GOODSON BROS. 258 TRUCK STOP
Address:	HWY 258/24 & YOPP RD
City,State,Zip:	JACKSONVILLE, NC
Project Number:	WI-1124
Object ID:	1979
DWM Contact:	Wilmington Regional Office (910) 796-7215
DWM Program:	Underground Storage Tank Section
Project Status:	No Further Action
COC:	Multi COC
Contamination Source:	UST System
Received Date:	8/27/2014
Restricted Media:	Multi-Media
Allowed Use:	Media Restrictions Only
Certification:	None
Plant Reception Date:	Not reported
Instrument Status:	Effective
Deed BK:	Not reported
Deed PG:	Not reported
Plat BK:	Not reported
Plat PG:	Not reported
Instrument:	Notice and Restriction
Deed:	Not reported
Deed Date:	Recorded 8-27-2014
Plat:	Not reported
Plat Date:	Not reported
X Coord:	2461540.8864
Y Coord:	369324.91935

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

D15
NE
1/4-1/2
0.485 mi.
2563 ft.
K & M SHELL
HWY 258 & NC 24
JACKSONVILLE, NC 28540
Site 2 of 3 in cluster D

LUST
IMD
S103717689
N/A

Relative:
Higher

Actual:
29 ft.

LUST:

Name: K & M SHELL
Address: HWY 258 & NC 24
City,State,Zip: JACKSONVILLE, NC 28540
Facility ID: Not reported
UST Number: WI-1654
Incident Number: 19685
Contamination Type: Groundwater/Both
Source Type: Leak-underground
Product Type: PETROLEUM
Date Reported: 12/01/1998
Date Occur: 12/01/1998
Cleanup: 12/01/1998
Closure Request: Not reported
Close Out: 09/30/1999
Level Of Soil Cleanup Achieved: Not reported
Tank Regulated Status: REGULATED
Of Supply Wells: 0
Commercial/NonCommercial UST Site: COMMERCIAL
Risk Classification: H
Risk Class Based On Review: L
Corrective Action Plan Type: Not reported
NOV Issue Date: Not reported
NORR Issue Date: Not reported
Site Priority: 10
Phase Of LSA Req: Not reported
Site Risk Reason: Not reported
Land Use: Not reported
MTBE: Not reported
MTBE1: Unknown
Flag: No
Flag1: No
LUR Filed: Not reported
Release Detection: 0
Current Status: File Located in Archives
RBCA GW: Not reported
PETOPT: 3
RPL: False
CD Num: 164
Reel Num: 3911
RPOW: False
RPOP: False
Error Flag: 0
Error Code: Not reported
Valid: False
Lat/Long Decimal: 34.7556 -77.4635
Testlat: Not reported
Regional Officer Project Mgr: BAR
Region: WIL
Company: Not reported
Contact Person: MS. JANET MERKLE
Telephone: 9103466151
RP Address: 1103 DANIEL DRIVE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

K & M SHELL (Continued)

S103717689

RP City,St,Zip:	JACKSONVILLE, NC 28540
RP County:	Not reported
Comments:	UST'S REMOVED IN 1980, MERKLE/DAMINO PROPERTY, NFA
5 Min Quad:	Not reported
PIRF:	
Facility Id:	19685
Date Occurred:	12/1/1998
Date Reported:	2/11/1999
Description Of Incident:	SOIL SAMPLE RESULTS REVEAL TPH GAS @ 610 PPM AND TPH DIESEL @ 240 PPM AT FORMER PUMP ISLAND; CONTAM. SOIL WILL BE REMOVED & DISPOSED OF
Owner/Operator:	OPERATOR DECEASED
Ownership:	4
Operation Type:	6
Type:	3
Location:	1
Site Priority:	10H
Priority Update:	2/24/1999
Wells Affected Y/N:	Not reported
Samples Include:	Not reported
7#5 Minute Quad:	Not reported
5 Minute Quad:	Not reported
Pirf/Min Soil:	Not reported
Release Code:	Not reported
Source Code:	MIN_SOIL
Err Type:	Not reported
Cause:	Not reported
Source:	Not reported
Ust Number:	Not reported
Last Modified:	10/11/1999
Incident Phase:	Closed Out
NOV Issued:	Not reported
NORR Issued:	Not reported
45 Day Report:	Not reported
Public Meeting Held:	Not reported
Corrective Action Planned:	Not reported
SOC Signed:	Not reported
Reclassification Report:	Not reported
RS Designation:	Not reported
Closure Request Date:	Not reported
Close-out Report:	9/30/1999

[Click here to access the North Carolina DEQ records for this facility:](#)

IMD:

Facility ID:	19685
Name:	K & M SHELL
Address:	HWY 258 & NC 24
City,State,Zip:	RICHLANDS, NC
Date Occurred:	12/1/1998
Submit Date:	2/11/1999
Incident Desc:	SOIL SAMPLE RESULTS REVEAL TPH GAS @ 610 PPM AND TPH DIESEL @ 240 PPM AT FORMER PUMP ISLAND; CONTAM. SOIL WILL BE REMOVED & DISPOSED OF
Operator:	MS. JANET MERKLE
UST ID:	Not reported
Incident ID:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

K & M SHELL (Continued)

S103717689

Initials of UST Regional Contact:	Not reported
Regional Office:	Not reported
Responsible Party/Company Name:	Not reported
Ownership:	4
Responsible Party Contact Name:	Not reported
Operation:	6
Responsible Party Mailing Address:	Not reported
Responsible Party City,State,Zip:	Not reported
Ownership:	Private
Operation Type:	Commercial
Responsible Party County:	Not reported
Source of Contamination:	GASOLINE/DIESEL/KEROSENE
Source:	3
Type:	3
Location:	1
Petroleum Type:	Not reported
Date Incident Reported:	Not reported
Whether Tank is Commercial or Non Commercial:	Not reported
Site Priority:	10H
Whether Tank is Regulated:	Not reported
Priority Update:	2/24/1999
Notice of Regulatory Requirement:	Not reported
Wells Affected:	Not reported
Notice of Violation:	Not reported
Phase 1 or Phase 2:	Not reported
Num Affected:	Not reported
Site Priority:	Not reported
Type:	GASOLINE/DIESEL
Location:	Facility
Current Risk Condition:	Not reported
Sampled By:	Not reported
Samples Include:	Not reported
Initial reported risk of incident (never changes):	Not reported
7.5 Min Quad:	Not reported
5 Min Quad:	Not reported
Intermediate Condition Present:	Not reported
Latitude:	34.75527777
Longitude:	-77.46388888
Use of Land, Industrial:	Not reported
Corrective Action Plan Selected - up to 5:	Not reported
RBCA:	Not reported
Date Close Review Requested From RP or Owner:	Not reported
Date Case Closed:	Not reported
Extent of Contamination:	Not reported
Number of Supply Wells Located on Property:	Not reported
MTBE in Well Y/N/U Yes, No or Unknown:	Not reported
Facility Phone Number:	Not reported
MTBE in Groundwater Y/N/U Yes, No or Unknown:	Not reported
Date Land Use Restriction Filed:	Not reported
Date Cleanup Initiated:	Not reported
Record Status:	Not reported
RBCA GW Codes:	Not reported
RBCA GW:	Not reported
Pollutant Type Present:	Not reported
Reference Number for Media Disk for Archived Record:	Not reported
RP Owner?:	Not reported
RP Operator?:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

K & M SHELL (Continued)

S103717689

RP Landowner?: Not reported

Status:

Facility ID: 19685
Last Modified: 1999-10-11 00:00:00
Incident Phase: CO
NOV Issued: Not reported
NORR Issued: Not reported
45 Day Report: Not reported
Public Meeting Held: Not reported
Corrective Action Planned: Not reported
SOC Signed: Not reported
Reclassification Report: Not reported
RS Designation: Not reported
Closure Request Date: Not reported
Close-out Report: 1999-09-30 00:00:00

**D16
NE
1/4-1/2
0.486 mi.
2566 ft.**

**GOODSON BROS. 258 TRUCK STOP
PO BOX 1120
JACKSONVILLE, NC
Site 3 of 3 in cluster D**

**IMD S105766005
N/A**

**Relative:
Higher**

IMD:

**Actual:
27 ft.**

Facility ID: 11711
Name: GOODSON BROS. 258 TRUCK STOP
Address: PO BOX 1120
City,State,Zip: JACKSONVILLE, NC
Date Occurred: 12/17/1993
Submit Date: 2/15/1994
Incident Desc: UPON UST CLOSURE SOIL AND GW SAMPLES CONFIRMED CONTAMINATION.
Operator: MS. LEE BEARD
UST ID: Not reported
Incident ID: Not reported
Initials of UST Regional Contact: Not reported
Regional Office: Not reported
Responsible Party/Company Name: Not reported
Ownership: 4
Responsible Party Contact Name: Not reported
Operation: 6
Responsible Party Mailing Address: Not reported
Responsible Party City,State,Zip: Not reported
Ownership: Private
Operation Type: Commercial
Responsible Party County: Not reported
Source of Contamination: GASOLINE/DIESEL/KEROSENE
Source: 3
Type: 3
Location: 1
Petroleum Type: Not reported
Date Incident Reported: Not reported
Whether Tank is Commercial or Non Commercial: Not reported
Site Priority: 80B
Whether Tank is Regulated: Not reported
Priority Update: 5/30/1998
Notice of Regulatory Requirement: Not reported
Wells Affected: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOODSON BROS. 258 TRUCK STOP (Continued)

S105766005

Notice of Violation:	Not reported
Phase 1 or Phase 2:	Not reported
Num Affected:	0
Site Priority:	Not reported
Type:	GASOLINE/DIESEL
Location:	Facility
Current Risk Condition:	Not reported
Sampled By:	3
Samples Include:	1
Initial reported risk of incident (never changes):	Not reported
7.5 Min Quad:	Not reported
5 Min Quad:	W25
Intermediate Condition Present:	Not reported
Latitude:	34.75512316
Longitude:	-77.46339241
Use of Land, Industrial:	Not reported
Corrective Action Plan Selected - up to 5:	Not reported
RBCA:	Not reported
Date Close Review Requested From RP or Owner:	Not reported
Date Case Closed:	Not reported
Extent of Contamination:	Not reported
Number of Supply Wells Located on Property:	Not reported
MTBE in Well Y/N/U Yes, No or Unknown:	Not reported
Facility Phone Number:	Not reported
MTBE in Groundwater Y/N/U Yes, No or Unknown:	Not reported
Date Land Use Restriction Filed:	Not reported
Date Cleanup Initiated:	Not reported
Record Status:	Not reported
RBCA GW Codes:	Not reported
RBCA GW:	Not reported
Pollutant Type Present:	Not reported
Reference Number for Media Disk for Archived Record:	Not reported
RP Owner?:	Not reported
RP Operator?:	Not reported
RP Landowner?:	Not reported

Status:

Facility ID:	11711
Last Modified:	2014-08-27 00:00:00
Incident Phase:	CO
NOV Issued:	Not reported
NORR Issued:	Not reported
45 Day Report:	Not reported
Public Meeting Held:	Not reported
Corrective Action Planned:	1996-10-18 00:00:00
SOC Signed:	Not reported
Reclassification Report:	Not reported
RS Designation:	Not reported
Closure Request Date:	Not reported
Close-out Report:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

17
NW
1/2-1
0.738 mi.
3897 ft.

**TOMMY POLLARD PROPERTY, PARCEL 901
INTERSECTION OF HWY. 24 & 53
JACKSONVILLE, NC**

**SHWS S109015578
N/A**

**Relative:
Lower**

SHWS:

**Actual:
17 ft.**

Name: TOMMY POLLARD PROPERTY, PARCEL 901
Address: INTERSECTION OF HWY. 24 & 53
City,State,Zip: JACKSONVILLE, NC
EPAID: NONCD0002608
Lat/Longitude: 34.75586 / -77.48186
Geolocation Method: On Screen Placement On Georeferenced Map

[Click here to access the North Carolina DEQ records for this facility:](#)

Count: 1 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
ONslow COUNTY	S116309750	BLUE CREEK WWTP	BLUE CREEK UTILITIES WASTE WAT		SPILLS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 07/29/2021	Source: EPA
Date Data Arrived at EDR: 08/04/2021	Telephone: N/A
Date Made Active in Reports: 08/31/2021	Last EDR Contact: 09/01/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 10/11/2021
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 07/29/2021	Source: EPA
Date Data Arrived at EDR: 08/04/2021	Telephone: N/A
Date Made Active in Reports: 08/31/2021	Last EDR Contact: 09/01/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 10/11/2021
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 07/29/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 27

Source: EPA
Telephone: N/A
Last EDR Contact: 09/01/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/30/2021
Date Made Active in Reports: 06/17/2021
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 06/23/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

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

Date of Government Version: 07/29/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/01/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 07/29/2021	Source: EPA
Date Data Arrived at EDR: 08/04/2021	Telephone: 800-424-9346
Date Made Active in Reports: 08/31/2021	Last EDR Contact: 09/01/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 10/25/2021
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/22/2021	Source: EPA
Date Data Arrived at EDR: 03/23/2021	Telephone: 800-424-9346
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/21/2021
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 03/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/23/2021	Telephone: (404) 562-8651
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/21/2021
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 03/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/23/2021	Telephone: (404) 562-8651
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/21/2021
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/23/2021	Telephone: (404) 562-8651
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/21/2021
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

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

Date of Government Version: 03/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/23/2021	Telephone: (404) 562-8651
Date Made Active in Reports: 05/19/2021	Last EDR Contact: 06/21/2021
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 05/10/2021	Source: Department of the Navy
Date Data Arrived at EDR: 05/13/2021	Telephone: 843-820-7326
Date Made Active in Reports: 08/03/2021	Last EDR Contact: 08/05/2021
Number of Days to Update: 82	Next Scheduled EDR Contact: 11/22/2021
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 05/17/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/21/2021	Telephone: 703-603-0695
Date Made Active in Reports: 08/11/2021	Last EDR Contact: 08/23/2021
Number of Days to Update: 82	Next Scheduled EDR Contact: 12/06/2021
	Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 05/17/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/21/2021	Telephone: 703-603-0695
Date Made Active in Reports: 08/11/2021	Last EDR Contact: 08/23/2021
Number of Days to Update: 82	Next Scheduled EDR Contact: 12/06/2021
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 06/14/2021

Date Data Arrived at EDR: 06/17/2021

Date Made Active in Reports: 08/17/2021

Number of Days to Update: 61

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 06/17/2021

Next Scheduled EDR Contact: 10/04/2021

Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

HSDS: Hazardous Substance Disposal Site

Locations of uncontrolled and unregulated hazardous waste sites. The file includes sites on the National Priority List as well as those on the state priority list.

Date of Government Version: 08/09/2011

Date Data Arrived at EDR: 11/08/2011

Date Made Active in Reports: 12/05/2011

Number of Days to Update: 27

Source: North Carolina Center for Geographic Information and Analysis

Telephone: 919-754-6580

Last EDR Contact: 07/13/2021

Next Scheduled EDR Contact: 11/01/2021

Data Release Frequency: No Update Planned

State- and tribal - equivalent CERCLIS

SHWS: Inactive Hazardous Sites Inventory

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

Date of Government Version: 05/12/2021

Date Data Arrived at EDR: 06/10/2021

Date Made Active in Reports: 09/02/2021

Number of Days to Update: 84

Source: Department of Environment, Health and Natural Resources

Telephone: 919-508-8400

Last EDR Contact: 06/10/2021

Next Scheduled EDR Contact: 09/20/2021

Data Release Frequency: Quarterly

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

SWF/LF: List of Solid Waste Facilities

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 09/10/2020

Date Data Arrived at EDR: 09/23/2020

Date Made Active in Reports: 12/14/2020

Number of Days to Update: 82

Source: Department of Environment and Natural Resources

Telephone: 919-733-0692

Last EDR Contact: 06/22/2021

Next Scheduled EDR Contact: 10/04/2021

Data Release Frequency: Varies

OLI: Old Landfill Inventory

Old landfill inventory location information. (Does not include no further action sites and other agency lead sites).

Date of Government Version: 09/11/2020

Date Data Arrived at EDR: 10/09/2020

Date Made Active in Reports: 12/30/2020

Number of Days to Update: 82

Source: Department of Environment & Natural Resources

Telephone: 919-733-4996

Last EDR Contact: 07/09/2021

Next Scheduled EDR Contact: 10/18/2021

Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DEBRIS: Solid Waste Active Disaster Debris Sites Listing

NCDEQ Division of Waste Management Solid Waste Section Temporary Disaster Debris Staging Site (TDDSS) Locations which are available to be activated in a disaster or emergency.. Disaster Debris Sites can only be used for temporary disaster debris storage if the site's responsible party activates the site for use by notifying the NCDEQ DWM Solid Waste Section staff during an emergency

Date of Government Version: 01/06/2021
Date Data Arrived at EDR: 03/16/2021
Date Made Active in Reports: 06/02/2021
Number of Days to Update: 78

Source: Department of Environmental Quality
Telephone: 919-707-8247
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: Varies

LCID: Land-Clearing and Inert Debris (LCID) Landfill Notifications

A list all of the Land-Clearing and Inert Debris (LCID) Landfill Notification facilities (under 2 acres in size) in North Carolina.

Date of Government Version: 04/30/2020
Date Data Arrived at EDR: 07/09/2020
Date Made Active in Reports: 09/23/2020
Number of Days to Update: 76

Source: Department of Environmental Quality
Telephone: 919-707-8248
Last EDR Contact: 07/02/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Varies

State and tribal leaking storage tank lists

LAST: Leaking Aboveground Storage Tanks

A listing of leaking aboveground storage tank site locations.

Date of Government Version: 04/30/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 07/20/2021
Number of Days to Update: 78

Source: Department of Environment & Natural Resources
Telephone: 877-623-6748
Last EDR Contact: 08/03/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Quarterly

LUST: Regional UST Database

This database contains information obtained from the Regional Offices. It provides a more detailed explanation of current and historic activity for individual sites, as well as what was previously found in the Incident Management Database. Sites in this database with Incident Numbers are considered LUSTs.

Date of Government Version: 04/30/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 07/21/2021
Number of Days to Update: 79

Source: Department of Environment and Natural Resources
Telephone: 919-707-8200
Last EDR Contact: 08/03/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/12/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/07/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 06/11/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 10/01/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/16/2020	Telephone: 415-972-3372
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/09/2020	Source: EPA Region 8
Date Data Arrived at EDR: 12/16/2020	Telephone: 303-312-6271
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 09/30/2020	Source: EPA Region 7
Date Data Arrived at EDR: 12/22/2020	Telephone: 913-551-7003
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 80	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Varies

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

Date of Government Version: 10/02/2020	Source: EPA Region 4
Date Data Arrived at EDR: 12/18/2020	Telephone: 404-562-8677
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/17/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Varies

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

Date of Government Version: 10/01/2020	Source: EPA Region 1
Date Data Arrived at EDR: 12/16/2020	Telephone: 617-918-1313
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/08/2020	Source: EPA Region 6
Date Data Arrived at EDR: 05/20/2020	Telephone: 214-665-6597
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 06/11/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Varies

LUST TRUST: State Trust Fund Database

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

Date of Government Version: 04/02/2021	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 04/06/2021	Telephone: 919-733-1315
Date Made Active in Reports: 06/25/2021	Last EDR Contact: 07/02/2021
Number of Days to Update: 80	Next Scheduled EDR Contact: 10/18/2021
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/29/2021	Source: FEMA
Date Data Arrived at EDR: 02/17/2021	Telephone: 202-646-5797
Date Made Active in Reports: 03/22/2021	Last EDR Contact: 06/29/2021
Number of Days to Update: 33	Next Scheduled EDR Contact: 10/18/2021
	Data Release Frequency: Varies

UST: Petroleum Underground Storage Tank Database

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 04/30/2021	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 05/03/2021	Telephone: 919-733-1308
Date Made Active in Reports: 07/20/2021	Last EDR Contact: 08/03/2021
Number of Days to Update: 78	Next Scheduled EDR Contact: 11/15/2021
	Data Release Frequency: Quarterly

AST: AST Database

Facilities with aboveground storage tanks that have a capacity greater than 21,000 gallons.

Date of Government Version: 05/18/2021	Source: Department of Environment and Natural Resources
Date Data Arrived at EDR: 06/09/2021	Telephone: 919-715-6183
Date Made Active in Reports: 08/30/2021	Last EDR Contact: 06/08/2021
Number of Days to Update: 82	Next Scheduled EDR Contact: 09/27/2021
	Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/07/2020	Source: EPA Region 5
Date Data Arrived at EDR: 12/16/2020	Telephone: 312-886-6136
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 10/02/2020	Source: EPA Region 4
Date Data Arrived at EDR: 12/18/2020	Telephone: 404-562-9424
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/17/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/09/2020	Source: EPA Region 8
Date Data Arrived at EDR: 12/16/2020	Telephone: 303-312-6137
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/30/2020	Source: EPA Region 7
Date Data Arrived at EDR: 12/22/2020	Telephone: 913-551-7003
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 80	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/01/2020	Source: EPA Region 9
Date Data Arrived at EDR: 12/16/2020	Telephone: 415-972-3368
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/01/2020	Source: EPA, Region 1
Date Data Arrived at EDR: 12/16/2020	Telephone: 617-918-1313
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/08/2020	Source: EPA Region 6
Date Data Arrived at EDR: 05/20/2020	Telephone: 214-665-7591
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 06/11/2021
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 11/12/2020	Source: EPA Region 10
Date Data Arrived at EDR: 12/16/2020	Telephone: 206-553-2857
Date Made Active in Reports: 03/12/2021	Last EDR Contact: 06/11/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

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

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

Date of Government Version: 09/04/2020	Source: Department of Environmental Quality
Date Data Arrived at EDR: 09/09/2020	Telephone: 919-508-8400
Date Made Active in Reports: 12/03/2020	Last EDR Contact: 06/10/2021
Number of Days to Update: 85	Next Scheduled EDR Contact: 09/20/2021
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 07/27/2015

Source: EPA, Region 1

Date Data Arrived at EDR: 09/29/2015

Telephone: 617-918-1102

Date Made Active in Reports: 02/18/2016

Last EDR Contact: 06/15/2021

Number of Days to Update: 142

Next Scheduled EDR Contact: 10/04/2021

Data Release Frequency: No Update Planned

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008

Source: EPA, Region 7

Date Data Arrived at EDR: 04/22/2008

Telephone: 913-551-7365

Date Made Active in Reports: 05/19/2008

Last EDR Contact: 07/08/2021

Number of Days to Update: 27

Next Scheduled EDR Contact: 07/20/2009

Data Release Frequency: No Update Planned

VCP: Responsible Party Voluntary Action Sites

Responsible Party Voluntary Action site locations.

Date of Government Version: 05/12/2021

Source: Department of Environment and Natural Resources

Date Data Arrived at EDR: 06/07/2021

Telephone: 919-508-8400

Date Made Active in Reports: 08/30/2021

Last EDR Contact: 06/07/2021

Number of Days to Update: 84

Next Scheduled EDR Contact: 09/20/2021

Data Release Frequency: Quarterly

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Projects Inventory

A brownfield site is an abandoned, idled, or underused property where the threat of environmental contamination has hindered its redevelopment. All of the sites in the inventory are working toward a brownfield agreement for cleanup and liability control.

Date of Government Version: 03/01/2021

Source: Department of Environment and Natural Resources

Date Data Arrived at EDR: 03/30/2021

Telephone: 919-733-4996

Date Made Active in Reports: 06/23/2021

Last EDR Contact: 06/24/2021

Number of Days to Update: 85

Next Scheduled EDR Contact: 10/11/2021

Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 06/10/2021

Source: Environmental Protection Agency

Date Data Arrived at EDR: 06/10/2021

Telephone: 202-566-2777

Date Made Active in Reports: 08/17/2021

Last EDR Contact: 06/10/2021

Number of Days to Update: 68

Next Scheduled EDR Contact: 09/27/2021

Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: Recycling Center Listing

A listing of recycling center locations.

Date of Government Version: 01/28/2021
Date Data Arrived at EDR: 01/29/2021
Date Made Active in Reports: 04/23/2021
Number of Days to Update: 84

Source: Department of Environment & Natural Resources
Telephone: 919-707-8137
Last EDR Contact: 07/21/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Varies

HIST LF: Solid Waste Facility Listing

A listing of solid waste facilities.

Date of Government Version: 11/06/2006
Date Data Arrived at EDR: 02/13/2007
Date Made Active in Reports: 03/02/2007
Number of Days to Update: 17

Source: Department of Environment & Natural Resources
Telephone: 919-733-0692
Last EDR Contact: 01/19/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 07/20/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

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

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

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

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

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

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

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 07/20/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 05/18/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 77

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

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

Date of Government Version: 05/18/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 77

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Quarterly

Local Land Records

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 07/29/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 09/01/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/24/2021
Date Made Active in Reports: 06/17/2021
Number of Days to Update: 85

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/17/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

SPILLS: Spills Incident Listing

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

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 06/08/2021
Date Made Active in Reports: 08/30/2021
Number of Days to Update: 83

Source: Department of Environment & Natural Resources
Telephone: 919-807-6308
Last EDR Contact: 09/01/2021
Next Scheduled EDR Contact: 12/20/2021
Data Release Frequency: Quarterly

IMD: Incident Management Database

Groundwater and/or soil contamination incidents

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 08/03/2021
Date Made Active in Reports: 08/06/2021
Number of Days to Update: 3

Source: Department of Environment and Natural Resources
Telephone: 877-623-6748
Last EDR Contact: 08/03/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: No Update Planned

SPILLS 90: SPILLS90 data from FirstSearch

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

Date of Government Version: 09/27/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/06/2013
Number of Days to Update: 62

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 06/14/2001
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/06/2013
Number of Days to Update: 62

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

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

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

Date of Government Version: 03/22/2021
Date Data Arrived at EDR: 03/23/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (404) 562-8651
Last EDR Contact: 06/21/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 05/04/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 85

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/17/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/13/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 04/02/2018	Source: U.S. Geological Survey
Date Data Arrived at EDR: 04/11/2018	Telephone: 888-275-8747
Date Made Active in Reports: 11/06/2019	Last EDR Contact: 07/09/2021
Number of Days to Update: 574	Next Scheduled EDR Contact: 10/18/2021
	Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 01/01/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2017	Telephone: 615-532-8599
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 08/06/2021
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/22/2021
	Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/22/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/23/2021	Telephone: 202-566-1917
Date Made Active in Reports: 06/17/2021	Last EDR Contact: 06/21/2021
Number of Days to Update: 86	Next Scheduled EDR Contact: 10/04/2021
	Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

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

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 07/26/2021
Number of Days to Update: 88	Next Scheduled EDR Contact: 11/15/2021
	Data Release Frequency: No Update Planned

2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 09/30/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 08/06/2021
Number of Days to Update: 73	Next Scheduled EDR Contact: 11/15/2021
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 06/17/2020	Telephone: 202-260-5521
Date Made Active in Reports: 09/10/2020	Last EDR Contact: 06/17/2021
Number of Days to Update: 85	Next Scheduled EDR Contact: 09/27/2021
	Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018	Source: EPA
Date Data Arrived at EDR: 08/14/2020	Telephone: 202-566-0250
Date Made Active in Reports: 11/04/2020	Last EDR Contact: 08/17/2021
Number of Days to Update: 82	Next Scheduled EDR Contact: 11/29/2021
	Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 04/19/2021	Source: EPA
Date Data Arrived at EDR: 04/20/2021	Telephone: 202-564-4203
Date Made Active in Reports: 07/16/2021	Last EDR Contact: 07/19/2021
Number of Days to Update: 87	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Annually

ROD: Records Of Decision

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

Date of Government Version: 07/29/2021	Source: EPA
Date Data Arrived at EDR: 08/04/2021	Telephone: 703-416-0223
Date Made Active in Reports: 08/31/2021	Last EDR Contact: 09/01/2021
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/13/2021
	Data Release Frequency: Annually

RMP: Risk Management Plans

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 05/07/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/13/2021	Telephone: 202-564-8600
Date Made Active in Reports: 08/03/2021	Last EDR Contact: 07/14/2021
Number of Days to Update: 82	Next Scheduled EDR Contact: 11/01/2021
	Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

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

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 12/30/2020	Source: EPA
Date Data Arrived at EDR: 01/14/2021	Telephone: 202-564-6023
Date Made Active in Reports: 03/05/2021	Last EDR Contact: 09/01/2021
Number of Days to Update: 50	Next Scheduled EDR Contact: 11/15/2021
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/19/2020	Source: EPA
Date Data Arrived at EDR: 01/08/2021	Telephone: 202-566-0500
Date Made Active in Reports: 03/22/2021	Last EDR Contact: 07/09/2021
Number of Days to Update: 73	Next Scheduled EDR Contact: 10/18/2021
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 06/29/2021
Number of Days to Update: 79	Next Scheduled EDR Contact: 10/18/2021
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

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

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

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

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

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/11/2021
Date Made Active in Reports: 05/11/2021
Number of Days to Update: 61

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 07/14/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

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

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 70

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 09/03/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 08/31/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/06/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

RADINFO: Radiation Information Database

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 06/22/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: No Update Planned

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

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

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

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

DOT OPS: Incident and Accident Data

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

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 07/23/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 07/14/2021
Date Made Active in Reports: 07/16/2021
Number of Days to Update: 2

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 07/02/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 151

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/21/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN RESERV: Indian Reservations

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

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

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/02/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Varies

FUSRAP: Formerly Utilized Sites Remedial Action Program

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

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 07/23/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 08/12/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 07/29/2021
Date Data Arrived at EDR: 08/04/2021
Date Made Active in Reports: 08/31/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 09/01/2021
Next Scheduled EDR Contact: 10/11/2021
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

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

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

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: No Update Planned

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

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

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: No Update Planned

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 05/27/2021
Date Data Arrived at EDR: 05/27/2021
Date Made Active in Reports: 06/10/2021
Number of Days to Update: 14

Source: DOL, Mine Safety & Health Admin
Telephone: 202-693-9424
Last EDR Contact: 08/25/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

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

Date of Government Version: 05/03/2021
Date Data Arrived at EDR: 05/25/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 78

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/24/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

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

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/26/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

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

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/26/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/15/2021
Date Data Arrived at EDR: 06/16/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 62

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 08/31/2021
Next Scheduled EDR Contact: 12/20/2021
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 05/05/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 91

Source: EPA
Telephone: (404) 562-9900
Last EDR Contact: 08/31/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 04/04/2021
Date Data Arrived at EDR: 04/06/2021
Date Made Active in Reports: 06/25/2021
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 07/01/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

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

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 08/26/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 77

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/07/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

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

Date of Government Version: 05/14/2021
Date Data Arrived at EDR: 05/14/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 81

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/13/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Quarterly

AIRS: Air Quality Permit Listing

A listing of facilities with air quality permits.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 06/07/2021
Date Made Active in Reports: 08/27/2021
Number of Days to Update: 81

Source: Department of Environmental Quality
Telephone: 919-707-8726
Last EDR Contact: 06/07/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

ASBESTOS: ASBESTOS

Asbestos notification sites

Date of Government Version: 04/30/2021
Date Data Arrived at EDR: 05/17/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 78

Source: Department of Health & Human Services
Telephone: 919-707-5973
Last EDR Contact: 07/14/2021
Next Scheduled EDR Contact: 11/01/2021
Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites

A listing of coal combustion products distribution permits issued by the Division for the treatment, storage, transportation, use and disposal of coal combustion products.

Date of Government Version: 09/10/2020
Date Data Arrived at EDR: 09/23/2020
Date Made Active in Reports: 12/14/2020
Number of Days to Update: 82

Source: Department of Environment & Natural Resources
Telephone: 919-807-6359
Last EDR Contact: 06/22/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Varies

DRYCLEANERS: Drycleaning Sites

Potential and known drycleaning sites, active and abandoned, that the Drycleaning Solvent Cleanup Program has knowledge of and entered into this database.

Date of Government Version: 03/31/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/26/2021
Number of Days to Update: 84

Source: Department of Environment & Natural Resources
Telephone: 919-508-8400
Last EDR Contact: 06/03/2021
Next Scheduled EDR Contact: 09/27/2021
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

A listing of financial assurance information for underground storage tank facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 04/30/2021
Date Data Arrived at EDR: 05/03/2021
Date Made Active in Reports: 07/20/2021
Number of Days to Update: 78

Source: Department of Environment & Natural Resources
Telephone: 919-733-1322
Last EDR Contact: 08/03/2021
Next Scheduled EDR Contact: 11/15/2021
Data Release Frequency: Quarterly

Financial Assurance 2: Financial Assurance Information Listing

Information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 10/02/2012
Date Data Arrived at EDR: 10/03/2012
Date Made Active in Reports: 10/26/2012
Number of Days to Update: 23

Source: Department of Environmental & Natural Resources
Telephone: 919-508-8496
Last EDR Contact: 06/15/2021
Next Scheduled EDR Contact: 10/04/2021
Data Release Frequency: Varies

Financial Assurance 3: Financial Assurance Information

Hazardous waste financial assurance information.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/02/2021
Date Data Arrived at EDR: 06/03/2021
Date Made Active in Reports: 08/25/2021
Number of Days to Update: 83

Source: Department of Environment & Natural Resources
Telephone: 919-707-8222
Last EDR Contact: 08/31/2021
Next Scheduled EDR Contact: 12/19/2021
Data Release Frequency: Varies

NPDES: NPDES Facility Location Listing

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

Date of Government Version: 04/02/2021
Date Data Arrived at EDR: 04/27/2021
Date Made Active in Reports: 07/15/2021
Number of Days to Update: 79

Source: Department of Environment & Natural Resources
Telephone: 919-733-7015
Last EDR Contact: 07/26/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Varies

UIC: Underground Injection Wells Listing

A listing of uncerground injection wells locations.

Date of Government Version: 10/26/2020
Date Data Arrived at EDR: 11/30/2020
Date Made Active in Reports: 12/07/2020
Number of Days to Update: 7

Source: Department of Environment & Natural Resources
Telephone: 919-807-6412
Last EDR Contact: 09/03/2021
Next Scheduled EDR Contact: 12/13/2021
Data Release Frequency: Quarterly

AOP: Animal Operation Permits Listing

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

Date of Government Version: 04/01/2020
Date Data Arrived at EDR: 05/26/2020
Date Made Active in Reports: 05/27/2020
Number of Days to Update: 1

Source: Department of Environmental Quality
Telephone: 919-707-9129
Last EDR Contact: 06/10/2021
Next Scheduled EDR Contact: 09/20/2021
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 08/26/2021
Next Scheduled EDR Contact: 12/06/2021
Data Release Frequency: Varies

CCB: Coal Ash Structural Fills (CCB) Listing

These are not permitted Coal Ash landfills A list all of the now closed Coal Ash Structural Fills (CCB) in North Carolina, in point data form. The purpose is to provide the public and other government entities a visual overview of coal ash structural fills throughout the state and increase public awareness of their current locations.

Date of Government Version: 02/27/2020
Date Data Arrived at EDR: 07/07/2020
Date Made Active in Reports: 09/23/2020
Number of Days to Update: 78

Source: Department of Environmental Quality
Telephone: 919-707-8248
Last EDR Contact: 07/02/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 06/30/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 06/30/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: No Update Planned

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 06/30/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: No Update Planned

SEPT HAULERS: Permitted Septage Haulers Listing

This list of all active and permitted Septage Land Application Site (SLAS) and Septage Detention and Treatment Facility (SDTF) sites in North Carolina. The purpose of this map is to provide the public and government entities a visual overview of the businesses that manage septage and septage facilities throughout the state.

Date of Government Version: 03/25/2021
Date Data Arrived at EDR: 04/06/2021
Date Made Active in Reports: 06/24/2021
Number of Days to Update: 79

Source: Department of Environmental Quality
Telephone: 919-707-8248
Last EDR Contact: 07/02/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Varies

PCSRP: Petroleum-Contaminated Soil Remediation Permits

To treat petroleum-contaminated soil in order to protect North Carolina's environment and the health of the citizens of North Carolina.

Date of Government Version: 04/05/2021
Date Data Arrived at EDR: 04/06/2021
Date Made Active in Reports: 06/24/2021
Number of Days to Update: 79

Source: Department of Environmental Quality
Telephone: 919-707-8248
Last EDR Contact: 07/02/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGH HWS: Recovered Government Archive State Hazardous Waste Facilities List

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

Date of Government Version: N/A	Source: Department of Environment, Health and Natural Resources
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/24/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 176	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

RGH LF: Recovered Government Archive Solid Waste Facilities List

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

Date of Government Version: N/A	Source: Department of Environment, Health and Natural Resources
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/13/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 196	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

RGH LUST: Recovered Government Archive Leaking Underground Storage Tank

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

OTHER DATABASE(S)

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

CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 03/24/2021
Date Data Arrived at EDR: 05/11/2021
Date Made Active in Reports: 07/28/2021
Number of Days to Update: 78

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/10/2021
Next Scheduled EDR Contact: 11/22/2021
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/09/2021
Next Scheduled EDR Contact: 10/18/2021
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/29/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 07/29/2021
Next Scheduled EDR Contact: 11/08/2021
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/07/2021
Next Scheduled EDR Contact: 10/25/2021
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 02/24/2021
Number of Days to Update: 13

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/11/2021
Next Scheduled EDR Contact: 11/29/2021
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018

Date Data Arrived at EDR: 06/19/2019

Date Made Active in Reports: 09/03/2019

Number of Days to Update: 76

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 09/01/2021

Next Scheduled EDR Contact: 12/20/2021

Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

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

Electric Power Transmission Line Data

Source: Endeavor Business Media

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

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

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

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

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

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

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

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

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

Daycare Centers: Child Care Facility List

Source: Department of Health & Human Services

Telephone: 919-662-4499

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

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

BLUE CREEK SCHOOL ROAD
BLUE CREEK SCHOOL ROAD
JACKSONVILLE, NC 28540

TARGET PROPERTY COORDINATES

Latitude (North):	34.748754 - 34° 44' 55.51"
Longitude (West):	77.470957 - 77° 28' 15.45"
Universal Transverse Mercator:	Zone 18
UTM X (Meters):	273804.1
UTM Y (Meters):	3847765.8
Elevation:	22 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5946099 JACKSONVILLE SOUTH, NC
Version Date:	2013
Northeast Map:	5945695 JACKSONVILLE NORTH, NC
Version Date:	2013

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two 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).

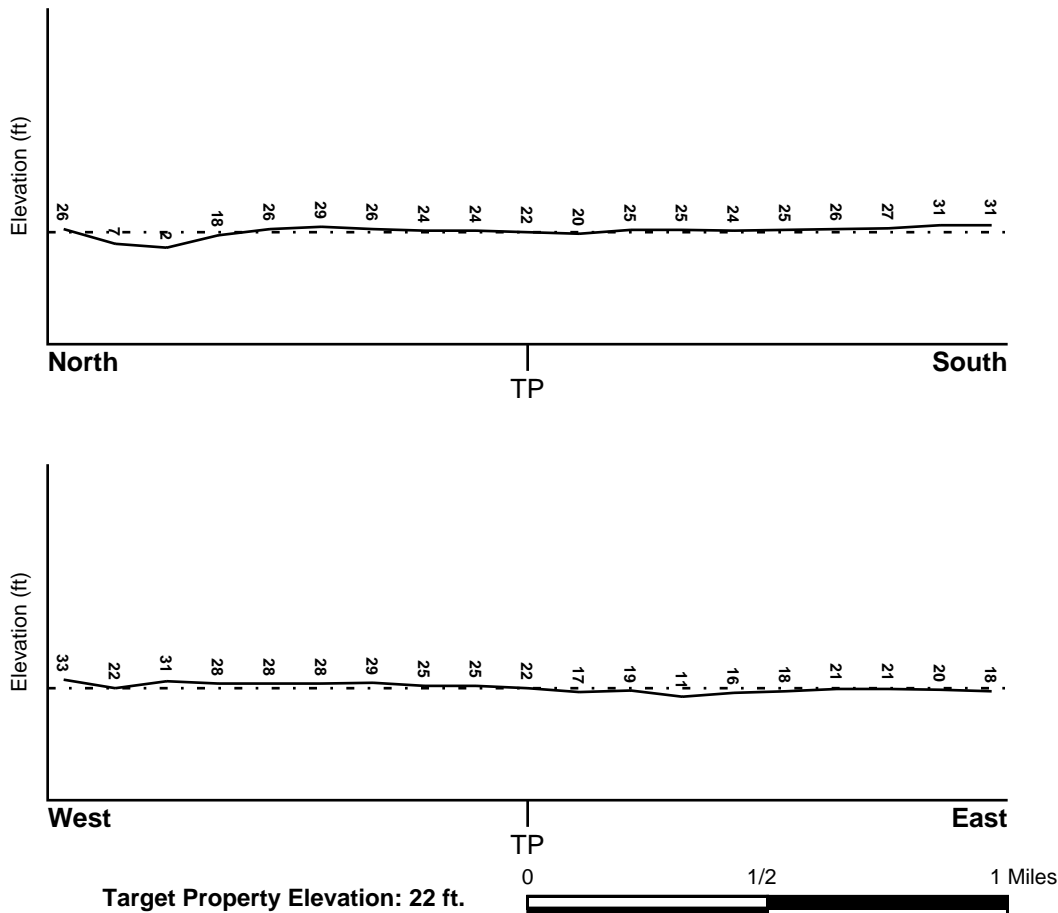
TOPOGRAPHIC INFORMATION

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 East

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>
3720435600J	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
3720435700J	FEMA FIRM Flood data
3720436700J	FEMA FIRM Flood data
3720436600J	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
JACKSONVILLE SOUTH	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

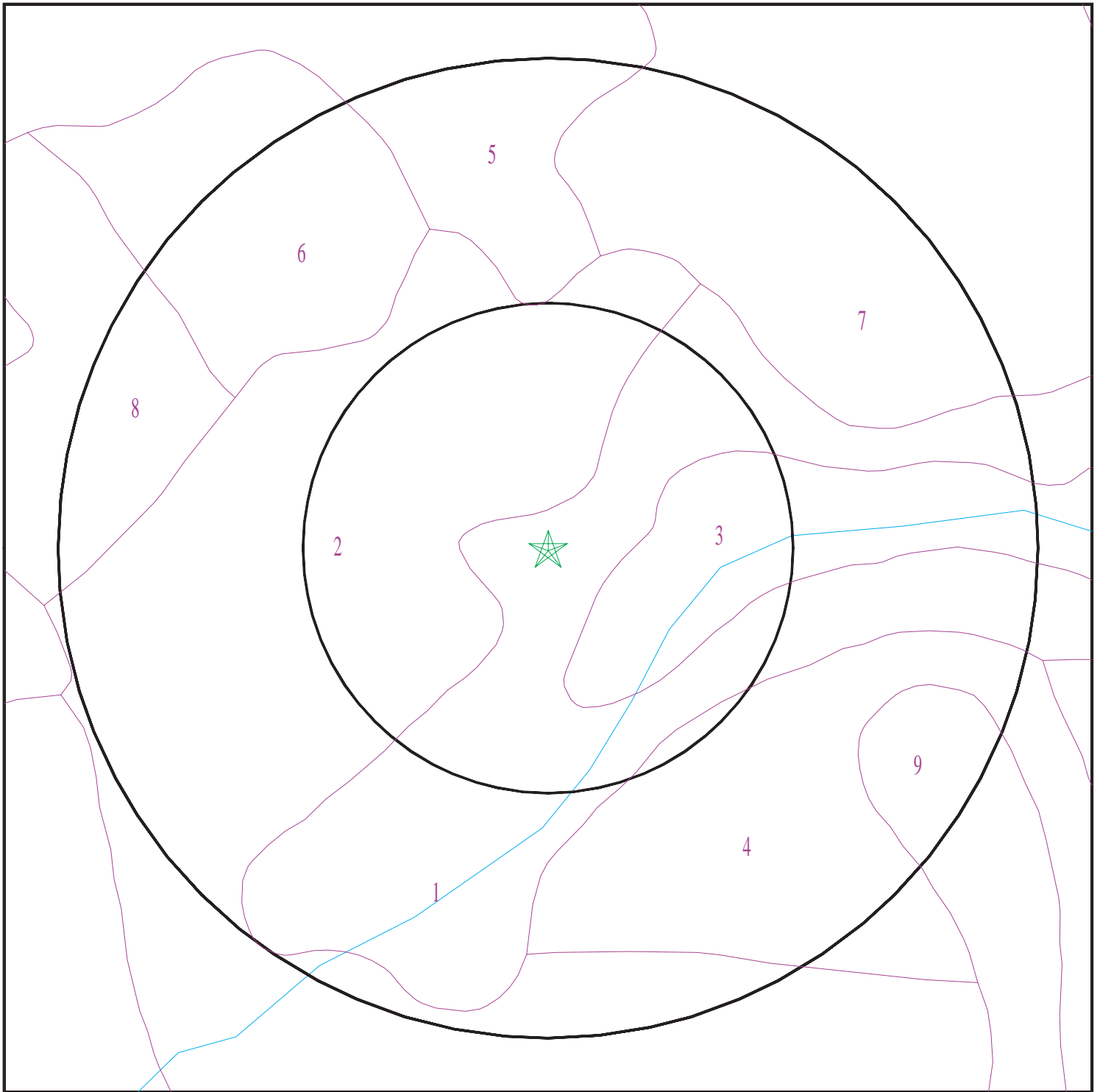
Era:	Cenozoic
System:	Tertiary
Series:	Eocene
Code:	Te (decoded above as Era, System & Series)

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).

SSURGO SOIL MAP - 6650914.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: Blue Creek School Road
ADDRESS: Blue Creek School Road
Jacksonville NC 28540
LAT/LONG: 34.748754 / 77.470957

CLIENT: Atlantic Shores Environmental
CONTACT: Cheryl Moody
INQUIRY #: 6650914.2s
DATE: September 07, 2021 2:43 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1

Soil Component Name: Craven

Soil Surface Texture: silt loam

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

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 76 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	7 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 1.4	Max: 6.5 Min: 3.5
2	9 inches	53 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 1.4	Max: 6.5 Min: 3.5
3	53 inches	79 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 1.4	Max: 6.5 Min: 3.5
4	0 inches	7 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 1.4	Max: 6.5 Min: 3.5

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: Lynchburg

Soil Surface Texture: fine sandy loam

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

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 1.4	Max: 5.5 Min: 3.6
2	9 inches	14 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 1.4	Max: 5.5 Min: 3.6
3	14 inches	64 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 1.4	Max: 5.5 Min: 3.6
4	64 inches	79 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 1.4	Max: 5.5 Min: 3.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 3

Soil Component Name: Muckalee

Soil Surface Texture: loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	24 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 5.6
2	24 inches	64 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 5.6

Soil Map ID: 4

Soil Component Name: Foreston

Soil Surface Texture: loamy fine sand

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

Soil Drainage Class: Moderately well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 84 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	loamy fine sand	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: 14 Min: 0.42	Max: 6 Min: 4.5
2	11 inches	35 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: 14 Min: 0.42	Max: 6 Min: 4.5
3	35 inches	70 inches	loamy fine sand	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: 14 Min: 0.42	Max: 6 Min: 4.5
4	70 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, Clayey sand.	Max: 14 Min: 0.42	Max: 6 Min: 4.5

Soil Map ID: 5

Soil Component Name: Baymeade

Soil Surface Texture: fine sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 137 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	1 inches	fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 6.5 Min: 4.5
2	1 inches	29 inches	fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 6.5 Min: 4.5
3	29 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. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 6.5 Min: 4.5
4	40 inches	79 inches	loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 6.5 Min: 4.5

Soil Map ID: 6

Soil Component Name: Rains

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B/D - Drained/undrained hydrology class of soils that can be drained and are classified.

Soil Drainage Class: Poorly drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 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: 14 Min: 4	Max: 5.5 Min: 3.6
2	7 inches	11 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: 14 Min: 4	Max: 5.5 Min: 3.6
3	11 inches	20 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, Clayey sand.	Max: 14 Min: 4	Max: 5.5 Min: 3.6
4	20 inches	61 inches	sandy clay 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: 14 Min: 4	Max: 5.5 Min: 3.6
5	61 inches	85 inches	sandy clay 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: 14 Min: 4	Max: 5.5 Min: 3.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 7

Soil Component Name: Onslow

Soil Surface Texture: loamy fine sand

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

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 69 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	3 inches	loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 5.5 Min: 3.5
2	20 inches	68 inches	sandy clay 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. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 5.5 Min: 3.5
3	68 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, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 5.5 Min: 3.5
4	3 inches	20 inches	loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 5.5 Min: 3.5

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 8

Soil Component Name: Goldsboro

Soil Surface Texture: fine sandy loam

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

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 76 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 5.5 Min: 3.5
2	7 inches	12 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 5.5 Min: 3.5
3	12 inches	40 inches	sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 5.5 Min: 3.5
4	40 inches	79 inches	sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 5.5 Min: 3.5

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 9

Soil Component Name: Woodington

Soil Surface Texture: loamy fine sand

Hydrologic Group: Class B/D - Drained/undrained hydrology class of soils that can be drained and are classified.

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	loamy fine sand	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: 42 Min: 14	Max: 5.5 Min: 3.5
2	11 inches	64 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, Silty Sand.	Max: 42 Min: 14	Max: 5.5 Min: 3.5
3	64 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: 42 Min: 14	Max: 5.5 Min: 3.5
4	5 inches	11 inches	loamy fine sand	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: 42 Min: 14	Max: 5.5 Min: 3.5

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

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>
4	USGS40000883236	1/2 - 1 Mile NNW
A5	USGS40000883150	1/2 - 1 Mile SSE
A6	USGS40000883151	1/2 - 1 Mile SSE
7	USGS40000883144	1/2 - 1 Mile SSE
B8	USGS40000883181	1/2 - 1 Mile SE
B10	USGS40000883178	1/2 - 1 Mile SE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	NC0467132	1/2 - 1 Mile SSW

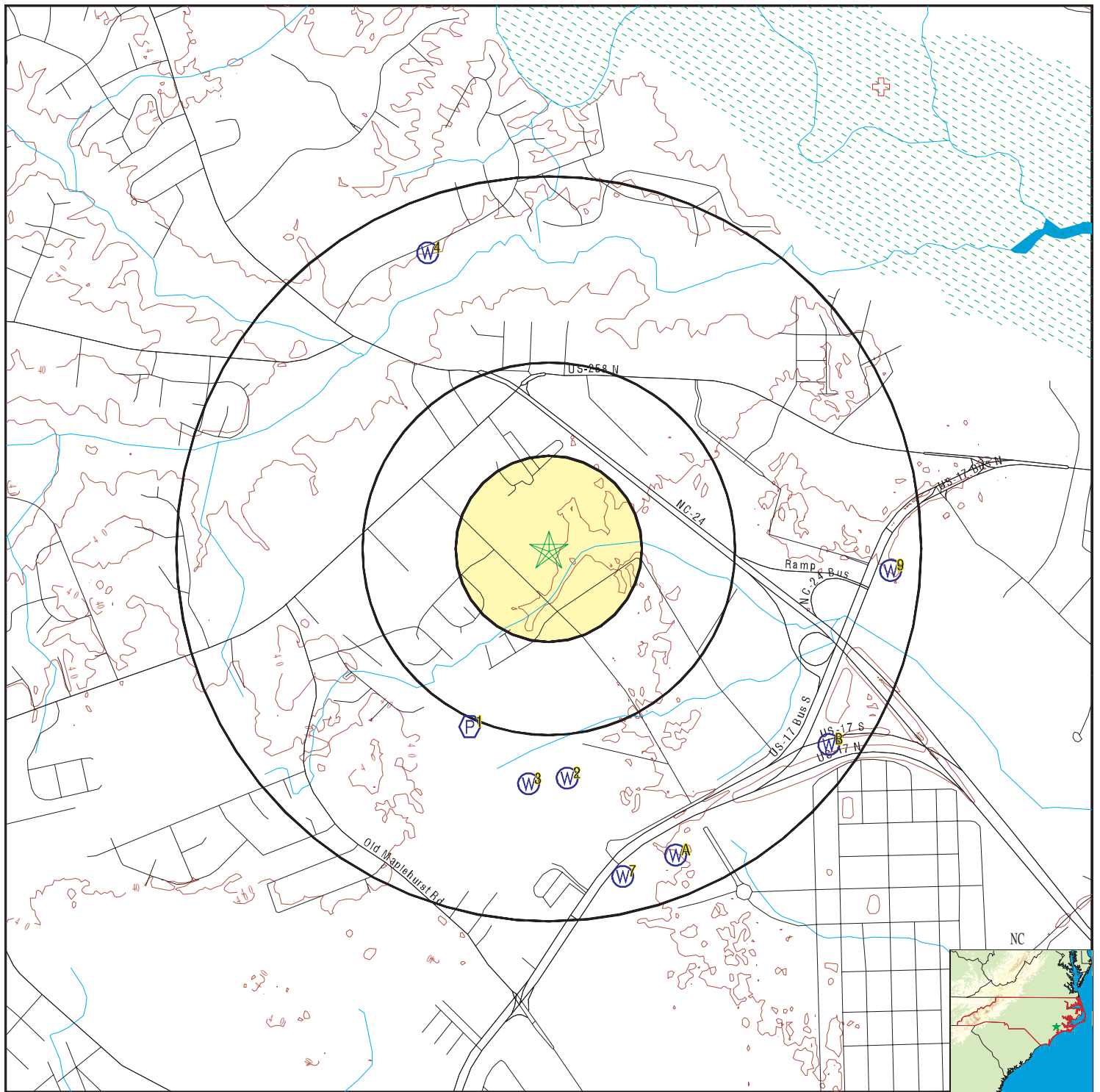
Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
2	NC3000000007988	1/2 - 1 Mile South
3	NC3000000007989	1/2 - 1 Mile South
9	NC3000000007987	1/2 - 1 Mile East

OTHER STATE DATABASE INFORMATION

PHYSICAL SETTING SOURCE MAP - 6650914.2s



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

SITE NAME: Blue Creek School Road
 ADDRESS: Blue Creek School Road
 Jacksonville NC 28540
 LAT/LONG: 34.748754 / 77.470957

CLIENT: Atlantic Shores Environmental
 CONTACT: Cheryl Moody
 INQUIRY #: 6650914.2s
 DATE: September 07, 2021 2:43 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
SSW
1/2 - 1 Mile
Higher

FRDS PWS NC0467132

Epa region:	04	State:	NC
Pwsid:	NC0467132	Pwsname:	JASMINE MANOR MHP
Cityserved:	Not Reported	Stateserved:	NC
Ziperved:	Not Reported	Fipscounty:	37133
Status:	Closed	Retpopsrvd:	80
Pwssvconn:	35	Psource longname:	Groundwater
Pwstype:	CWS	Owner:	Private
Contact:	WILBER MCNAMEE OR MANAGER NOW		
Contactorgname:	Not Reported	Contactphone:	Not Reported
Contactaddress1:	Not Reported	Contactaddress2:	156 CANADY RD
Contactcity:	JACKSONVILLE	Contactstate:	NC
Contactzip:	28540	Pwsactivitycode:	I
PWS ID:	NC0467132	PWS type:	System Owner/Responsible Party
PWS name:	WILBER MCNAMEE OR MANAGER NOW		
PWS address:	Not Reported	PWS city:	JACKSONVILLE
PWS state:	NC	PWS zip:	28546
PWS ID:	NC0467132	PWS type:	System Owner/Responsible Party
PWS name:	MRS H L (VERA) SMITH	PWS address:	Not Reported
PWS city:	JACKSONVILLE	PWS state:	NC
PWS zip:	28540	PWS ID:	NC0467132
Activity status:	Active	Date system activated:	7706
Date system deactivated:	Not Reported	Retail population:	00000080
System name:	JASMINE MANOR MHP	System address:	Not Reported
System address:	156 CANADY RD	System city:	JACKSONVILLE
System state:	NC	System zip:	28540
County FIPS:	067	City served:	JACKSONVILLE
Population served:	Under 101 Persons	Treatment:	Untreated
Latitude:	343502	Longitude:	0772501
Latitude:	344430	Longitude:	0772830

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9410744	Violation source ID:	Not Reported
PWS telephone:	Not Reported	Contaminant:	GROSS ALPHA, EXCL. RADON & U
Violation type:	Monitoring, Regular	Violation start date:	070190
Violation end date:	063094	Violation period (months):	048
Violation awareness date:	071594	Major violator:	Yes
Maximum contaminant level:	Not Reported	Number of required samples:	000
Number of samples taken:	000	Analysis method:	Not Reported
Analysis result:	Not Reported		

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9413930	Violation source ID:	Not Reported
PWS telephone:	Not Reported	Contaminant:	LEAD & COPPER RULE
Violation type:	Initial Tap Sampling for Pb and Cu		
Violation start date:	070193	Violation end date:	123193
Violation period (months):	006	Violation awareness date:	Not Reported
Major violator:	Not Reported	Maximum contaminant level:	Not Reported
Number of required samples:	Not Reported	Number of samples taken:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Analysis method:

Not Reported

Analysis result:

Not Reported

2
South
1/2 - 1 Mile
Higher

NC WELLS NC3000000007988

PWD ID: NC0467103
PWS Type: Community
Water Type: Ground Water
Facility Type: Well
Owner: BEACHAM ASSOCIATES LTD

System Name: BEACHAM APARTMENTS NO 1
Primary Source: Ground Water
Facility Name: WELL #1
Well Depth: 250

3
South
1/2 - 1 Mile
Higher

NC WELLS NC3000000007989

PWD ID: NC0467103
PWS Type: Community
Water Type: Ground Water
Facility Type: Well
Owner: BEACHAM ASSOCIATES LTD

System Name: BEACHAM APARTMENTS NO 1
Primary Source: Ground Water
Facility Name: WELL #1A
Well Depth: 250

4
NNW
1/2 - 1 Mile
Higher

FED USGS USGS40000883236

Organization ID: USGS-NC
Organization Name: USGS North Carolina Water Science Center
Monitor Location: ON-310 MAS 15 IN JACKSONVILLE, NC
Type: Well
Description: ABANDONED WELL;MAY BE USED AGAIN IN THE FUTURE
HUC: 03030001
Drainage Area Units: Not Reported
Contrib Drainage Area Units: Not Reported
Formation Type: Castle Hayne Limestone
Construction Date: Not Reported
Well Depth Units: ft
Well Hole Depth Units: Not Reported

Drainage Area: Not Reported
Contrib Drainage Area: Not Reported
Aquifer: Castle Hayne aquifer
Aquifer Type: Not Reported
Well Depth: 110.6
Well Hole Depth: Not Reported

Ground water levels,Number of Measurements: 1
Feet below surface: 8.38
Note: Not Reported

Level reading date: 2003-01-09
Feet to sea level: Not Reported

A5
SSE
1/2 - 1 Mile
Lower

FED USGS USGS40000883150

Organization ID: USGS-NC
Organization Name: USGS North Carolina Water Science Center
Monitor Location: ON-201 C. GEIGER TC-202
Description: Not Reported

Type: Well
HUC: 03030001

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Castle Hayne aquifer	Formation Type:	Castle Hayne Limestone
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels, Number of Measurements:	2	Level reading date:	1959
Feet below surface:	5	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	1942	Feet below surface:	4
Feet to sea level:	Not Reported	Note:	Not Reported

A6 SSE 1/2 - 1 Mile Lower

FED USGS USGS40000883151

Organization ID:	USGS-NC	Type:	Well
Organization Name:	USGS North Carolina Water Science Center	HUC:	03030001
Monitor Location:	ON-202 C. GEIGER TC-325	Drainage Area Units:	Not Reported
Description:	Not Reported	Contrib Drainage Area Units:	Not Reported
Drainage Area:	Not Reported	Formation Type:	Castle Hayne Limestone
Contrib Drainage Area:	Not Reported	Construction Date:	Not Reported
Aquifer:	Castle Hayne aquifer	Well Depth Units:	Not Reported
Aquifer Type:	Not Reported	Well Hole Depth Units:	Not Reported
Well Depth:	Not Reported		
Well Hole Depth:	Not Reported		

7 SSE 1/2 - 1 Mile Higher

FED USGS USGS40000883144

Organization ID:	USGS-NC	Type:	Well
Organization Name:	USGS North Carolina Water Science Center	HUC:	03030001
Monitor Location:	ON-203 C. GEIGER TC-504	Drainage Area Units:	Not Reported
Description:	Not Reported	Contrib Drainage Area Units:	Not Reported
Drainage Area:	Not Reported	Formation Type:	Castle Hayne Limestone
Contrib Drainage Area:	Not Reported	Construction Date:	Not Reported
Aquifer:	Castle Hayne aquifer	Well Depth Units:	ft
Aquifer Type:	Not Reported	Well Hole Depth Units:	Not Reported
Well Depth:	113		
Well Hole Depth:	Not Reported		

Ground water levels, Number of Measurements:	1	Level reading date:	1942
Feet below surface:	3	Feet to sea level:	Not Reported
Note:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

B8
SE
1/2 - 1 Mile
Lower

FED USGS USGS40000883181

Organization ID:	USGS-NC	Type:	Well
Organization Name:	USGS North Carolina Water Science Center	HUC:	Not Reported
Monitor Location:	ON-027 C. GEIGER TC-100	Drainage Area Units:	Not Reported
Description:	Not Reported	Contrib Drainage Area Units:	Not Reported
Drainage Area:	Not Reported	Formation Type:	Not Reported
Contrib Drainage Area:	Not Reported	Construction Date:	19410000
Aquifer:	Not Reported	Well Depth Units:	ft
Aquifer Type:	Not Reported	Well Hole Depth Units:	Not Reported
Well Depth:	67		
Well Hole Depth:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1982-01
Feet below surface:	15.0	Feet to sea level:	Not Reported
Note:	Not Reported		

9
East
1/2 - 1 Mile
Lower

NC WELLS NC3000000007987

PWD ID:	NC0467102	System Name:	BEACHAM APARTMENTS NO 2
PWS Type:	Community	Primary Source:	Ground Water
Water Type:	Ground Water	Facility Name:	WELL #1
Facility Type:	Well	Well Depth:	450
Owner:	BEACHAM ASSOCIATES LTD		

B10
SE
1/2 - 1 Mile
Lower

FED USGS USGS40000883178

Organization ID:	USGS-NC	Type:	Well
Organization Name:	USGS North Carolina Water Science Center	HUC:	Not Reported
Monitor Location:	ON-032 C. GEIGER TC-1001	Drainage Area Units:	Not Reported
Description:	Not Reported	Contrib Drainage Area Units:	Not Reported
Drainage Area:	Not Reported	Formation Type:	Not Reported
Contrib Drainage Area:	Not Reported	Construction Date:	19420000
Aquifer:	Not Reported	Well Depth Units:	ft
Aquifer Type:	Not Reported	Well Hole Depth Units:	Not Reported
Well Depth:	100		
Well Hole Depth:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1942
Feet below surface:	4.67	Feet to sea level:	Not Reported
Note:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

Elclass: C
Eostat: E
Edr id: NC50000624

Precision1:
Gisid:

NC_NHEO NC50000624
S
522732

Acres: 1301.01
Quality type: Not Reported
Site id: 1063

Sitename:
Sig:
Edr id:

NC_SNHA NC10001063
NEW RIVER SWAMPS AND MARSHES
C
NC10001063

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for ONSLOW 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: 28540

Number of sites tested: 2

<u>Area</u>	<u>Average Activity</u>	<u>% <4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% >20 pCi/L</u>
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 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: US Fish & Wildlife Service

Telephone: 703-358-2171

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

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

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

North Carolina Public Water Supply Wells

Source: Department of Environmental Health

Telephone: 919-715-3243

OTHER STATE DATABASE INFORMATION

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 IRRA 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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Atlantic Shores Environmental Services, Ltd.

December 16, 2019

Mark McCloskey, AICP
Director of Business
Development & Planning
166 Center Street, Jacksonville, NC 28546

Subject: Report for Limited Phase II Environmental Site Assessment
Springfield Park Apartments, Blue Creek School Road
Jacksonville, North Carolina
ASE Project No. 1447

Dear Mr. McCloskey:

Atlantic Shores Environmental Services, Ltd. (ASE) completed a Phase I Environmental Site Assessment (ESA) for the subject site on October 19, 2019. The Phase I ESA identified two off site recognized environmental conditions (RECs) in connection with the subject site. On December 5, 2019, ASE collected two (2) groundwater samples along the western property line of the site to better determine if the off-site REC's have impacted the site groundwater.

Two temporary groundwater wells were installed using a decontaminated stainless-steel hand auger (Refer to Figure 1 for boring locations). The borings and subsequent well installations were performed by a North Carolina certified well driller. The temporary wells were constructed with 2-inch I.D. Schedule 40 PVC flushed-threaded casing and screen. The PVC screen and casing were lowered to the bottom of the borehole. A five-foot length of slotted well screen with machined 0.010-inch slot widths and threaded bottom plug was installed at the bottom of each well. A solid section of PVC casing was placed above the screened interval. Well sand was placed within the void between the boring wall and the PVC casing.

Boring 1 (B-1) was advanced at the south western corner of the property to 8 feet and 6 inches below grade. Soil in B-1 consisted of black organic matter which gradually changed to brown mottled sandy clay. Groundwater depth in B-1 was measured at approximately 6 feet and 4 inches below grade on the day of sampling. Boring 2 (B-2) was advanced on the western property line adjacent to the former automobile service/salvage yard located west of the site. B-2 was advanced to 8 feet below grade. Soil in B-2 consisted of black organic matter with traces of sand and clay. Groundwater depth in B-2 was measured at approximately 5 feet and 7 inches below grade on the day of sampling.


Both wells were purged three well volumes and sampled on the day of installation using a peristaltic pump and new dedicated tubing. The groundwater samples were placed on ice,

transported to the laboratory and were analyzed for VOCs and SVOCs by EPA methods 8260 and 8270, respectively. The wells were abandoned after sampling by a North Carolina certified well driller, by removing the PVC casing from the ground and placing bentonite hole plug in the borings. Target analytes were not detected in the groundwater samples. Copies of the lab data sheets have been attached to this report. Based on the results of these samples, the aforementioned RECs are not considered to be RECs with respect to the subject site.

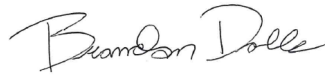
ASE appreciates the opportunity to provide our environmental consulting services to you on this project. If there are questions regarding this report, or a need for further information, please contact us at 910-371-5980.

Sincerely,

ATLANTIC SHORES ENVIRONMENTAL SERVICES, LTD.



Cheryl J. Moody, REM, CIEC, CMRS
Principal Scientist



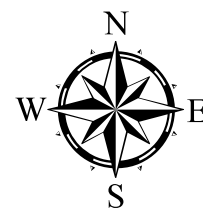
Brandon S. Dobbs
Staff Scientist

Attachments: Figure
Laboratory Data and Chain of Custody

Figure 1: Temporary Monitoring Well Locations



Limited Phase II ESA
Blue Creek School Road
Jacksonville, North Carolina 28546
Project Number: 1447



0 0.0175 0.035 0.07 Miles

A scale bar with tick marks corresponding to the distances 0, 0.0175, 0.035, and 0.07 miles.

December 13, 2019

Cheryl Moody
Atlantic Shore Environmental
175-1 Venture Drive
Leland, NC 28451

RE: Project: 1447
Pace Project No.: 92456357

Dear Cheryl Moody:

Enclosed are the analytical results for sample(s) received by the laboratory on December 06, 2019. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Taylor Ezell
taylor.ezell@pacelabs.com
(704)875-9092
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
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CERTIFICATIONS

Project: 1447
Pace Project No.: 92456357

Pace Analytical Services Charlotte

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 1447
Pace Project No.: 92456357

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92456357001	B1	EPA 8270E	PKS	74	PASI-C
		EPA 8260D	CL, DLK	63	PASI-C
92456357002	B2	EPA 8270E	PKS	74	PASI-C
		EPA 8260D	CL, DLK	63	PASI-C

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1447
Pace Project No.: 92456357

Sample: B1		Lab ID: 92456357001	Collected: 12/05/19 11:00	Received: 12/06/19 09:44	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE		Analytical Method: EPA 8270E Preparation Method: EPA 3510C						
Acenaphthene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	208-96-8	
Aniline	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	62-53-3	
Anthracene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	207-08-9	
Benzoic Acid	ND	ug/L	50.0	1	12/10/19 16:51	12/12/19 12:51	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	1	12/10/19 16:51	12/12/19 12:51	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	12/10/19 16:51	12/12/19 12:51	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	12/10/19 16:51	12/12/19 12:51	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	7005-72-3	
Chrysene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	12/10/19 16:51	12/12/19 12:51	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	120-83-2	
Diethylphthalate	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	12/10/19 16:51	12/12/19 12:51	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	1	12/10/19 16:51	12/12/19 12:51	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	117-84-0	L1
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	1	12/10/19 16:51	12/12/19 12:51	117-81-7	L1
Fluoranthene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	206-44-0	
Fluorene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	193-39-5	
Isophorone	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	90-12-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1447
Pace Project No.: 92456357

Sample: B1		Lab ID: 92456357001	Collected: 12/05/19 11:00	Received: 12/06/19 09:44	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE		Analytical Method: EPA 8270E Preparation Method: EPA 3510C						
2-Methylnaphthalene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	15831-10-4	
Naphthalene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	91-20-3	
2-Nitroaniline	ND	ug/L	20.0	1	12/10/19 16:51	12/12/19 12:51	88-74-4	
3-Nitroaniline	ND	ug/L	20.0	1	12/10/19 16:51	12/12/19 12:51	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	1	12/10/19 16:51	12/12/19 12:51	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	12/10/19 16:51	12/12/19 12:51	100-02-7	
N-Nitrosodimethylamine	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	86-30-6	
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	108-60-1	
Pentachlorophenol	ND	ug/L	25.0	1	12/10/19 16:51	12/12/19 12:51	87-86-5	v1
Phenanthrene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	85-01-8	
Phenol	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	108-95-2	
Pyrene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 12:51	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	80	%	13-130	1	12/10/19 16:51	12/12/19 12:51	4165-60-0	
2-Fluorobiphenyl (S)	59	%	13-130	1	12/10/19 16:51	12/12/19 12:51	321-60-8	
Terphenyl-d14 (S)	75	%	25-130	1	12/10/19 16:51	12/12/19 12:51	1718-51-0	
Phenol-d6 (S)	48	%	10-130	1	12/10/19 16:51	12/12/19 12:51	13127-88-3	
2-Fluorophenol (S)	62	%	10-130	1	12/10/19 16:51	12/12/19 12:51	367-12-4	
2,4,6-Tribromophenol (S)	104	%	10-137	1	12/10/19 16:51	12/12/19 12:51	118-79-6	
8260D MSV Low Level		Analytical Method: EPA 8260D						
Acetone	ND	ug/L	25.0	1		12/13/19 02:15	67-64-1	
Benzene	ND	ug/L	1.0	1		12/13/19 02:15	71-43-2	
Bromobenzene	ND	ug/L	1.0	1		12/13/19 02:15	108-86-1	
Bromochloromethane	ND	ug/L	1.0	1		12/13/19 02:15	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		12/13/19 02:15	75-27-4	
Bromoform	ND	ug/L	1.0	1		12/13/19 02:15	75-25-2	v2
Bromomethane	ND	ug/L	2.0	1		12/13/19 02:15	74-83-9	IH,IK,L1
2-Butanone (MEK)	ND	ug/L	5.0	1		12/13/19 02:15	78-93-3	
Carbon tetrachloride	ND	ug/L	1.0	1		12/13/19 02:15	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		12/13/19 02:15	108-90-7	
Chloroethane	ND	ug/L	1.0	1		12/13/19 02:15	75-00-3	IK,v1
Chloroform	ND	ug/L	5.0	1		12/13/19 02:15	67-66-3	
Chloromethane	ND	ug/L	1.0	1		12/13/19 02:15	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	1		12/13/19 02:15	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	1		12/13/19 02:15	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		12/13/19 02:15	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		12/13/19 02:15	124-48-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1447
Pace Project No.: 92456357

Sample: B1		Lab ID: 92456357001		Collected: 12/05/19 11:00		Received: 12/06/19 09:44		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260D MSV Low Level		Analytical Method: EPA 8260D							
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		12/13/19 02:15	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		12/13/19 02:15	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	1.0	1		12/13/19 02:15	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	1.0	1		12/13/19 02:15	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/13/19 02:15	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/13/19 02:15	75-71-8		
1,1-Dichloroethane	ND	ug/L	1.0	1		12/13/19 02:15	75-34-3		
1,2-Dichloroethane	ND	ug/L	1.0	1		12/13/19 02:15	107-06-2		
1,1-Dichloroethene	ND	ug/L	1.0	1		12/13/19 02:15	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		12/13/19 02:15	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/13/19 02:15	156-60-5		
1,2-Dichloropropane	ND	ug/L	1.0	1		12/13/19 02:15	78-87-5		
1,3-Dichloropropane	ND	ug/L	1.0	1		12/13/19 02:15	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		12/13/19 02:15	594-20-7		
1,1-Dichloropropene	ND	ug/L	1.0	1		12/13/19 02:15	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		12/13/19 02:15	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		12/13/19 02:15	10061-02-6		
Diisopropyl ether	ND	ug/L	1.0	1		12/13/19 02:15	108-20-3		
Ethylbenzene	ND	ug/L	1.0	1		12/13/19 02:15	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		12/13/19 02:15	87-68-3	v2	
2-Hexanone	ND	ug/L	5.0	1		12/13/19 02:15	591-78-6		
p-Isopropyltoluene	ND	ug/L	1.0	1		12/13/19 02:15	99-87-6		
Methylene Chloride	ND	ug/L	5.0	1		12/13/19 02:15	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/13/19 02:15	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	1.0	1		12/13/19 02:15	1634-04-4		
Naphthalene	ND	ug/L	1.0	1		12/13/19 02:15	91-20-3		
Styrene	ND	ug/L	1.0	1		12/13/19 02:15	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		12/13/19 02:15	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/13/19 02:15	79-34-5		
Tetrachloroethene	ND	ug/L	1.0	1		12/13/19 02:15	127-18-4		
Toluene	ND	ug/L	1.0	1		12/13/19 02:15	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		12/13/19 02:15	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		12/13/19 02:15	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/13/19 02:15	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/13/19 02:15	79-00-5		
Trichloroethene	ND	ug/L	1.0	1		12/13/19 02:15	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		12/13/19 02:15	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	1.0	1		12/13/19 02:15	96-18-4		
Vinyl acetate	ND	ug/L	2.0	1		12/13/19 02:15	108-05-4		
Vinyl chloride	ND	ug/L	1.0	1		12/13/19 02:15	75-01-4		
Xylene (Total)	ND	ug/L	1.0	1		12/11/19 18:52	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		12/13/19 02:15	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		12/13/19 02:15	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	95	%	70-130	1		12/13/19 02:15	460-00-4		
1,2-Dichloroethane-d4 (S)	92	%	70-130	1		12/13/19 02:15	17060-07-0		
Toluene-d8 (S)	102	%	70-130	1		12/13/19 02:15	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1447
Pace Project No.: 92456357

Sample: B2		Lab ID: 92456357002	Collected: 12/05/19 11:40	Received: 12/06/19 09:44	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270E RVE		Analytical Method: EPA 8270E Preparation Method: EPA 3510C						
Acenaphthene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	208-96-8	
Aniline	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	62-53-3	
Anthracene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	207-08-9	
Benzoic Acid	ND	ug/L	50.0	1	12/10/19 16:51	12/12/19 13:16	65-85-0	
Benzyl alcohol	ND	ug/L	20.0	1	12/10/19 16:51	12/12/19 13:16	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	12/10/19 16:51	12/12/19 13:16	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	12/10/19 16:51	12/12/19 13:16	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	111-44-4	
2-Chloronaphthalene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	7005-72-3	
Chrysene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	218-01-9	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	12/10/19 16:51	12/12/19 13:16	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	120-83-2	
Diethylphthalate	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	84-66-2	
2,4-Dimethylphenol	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	12/10/19 16:51	12/12/19 13:16	534-52-1	
2,4-Dinitrophenol	ND	ug/L	50.0	1	12/10/19 16:51	12/12/19 13:16	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	117-84-0	L1
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	1	12/10/19 16:51	12/12/19 13:16	117-81-7	L1
Fluoranthene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	206-44-0	
Fluorene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	193-39-5	
Isophorone	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	78-59-1	
1-Methylnaphthalene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	90-12-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1447
Pace Project No.: 92456357

Sample: B2		Lab ID: 92456357002		Collected: 12/05/19 11:40		Received: 12/06/19 09:44		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8270E RVE		Analytical Method: EPA 8270E Preparation Method: EPA 3510C							
2-Methylnaphthalene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	91-57-6		
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	95-48-7		
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	15831-10-4		
Naphthalene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	91-20-3		
2-Nitroaniline	ND	ug/L	20.0	1	12/10/19 16:51	12/12/19 13:16	88-74-4		
3-Nitroaniline	ND	ug/L	20.0	1	12/10/19 16:51	12/12/19 13:16	99-09-2		
4-Nitroaniline	ND	ug/L	20.0	1	12/10/19 16:51	12/12/19 13:16	100-01-6		
Nitrobenzene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	98-95-3		
2-Nitrophenol	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	88-75-5		
4-Nitrophenol	ND	ug/L	50.0	1	12/10/19 16:51	12/12/19 13:16	100-02-7		
N-Nitrosodimethylamine	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	62-75-9		
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	621-64-7		
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	86-30-6		
2,2'-Oxybis(1-chloropropane)	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	108-60-1		
Pentachlorophenol	ND	ug/L	25.0	1	12/10/19 16:51	12/12/19 13:16	87-86-5	v1	
Phenanthrene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	85-01-8		
Phenol	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	108-95-2		
Pyrene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	129-00-0		
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	120-82-1		
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	95-95-4		
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	12/10/19 16:51	12/12/19 13:16	88-06-2		
Surrogates									
Nitrobenzene-d5 (S)	92	%	13-130	1	12/10/19 16:51	12/12/19 13:16	4165-60-0		
2-Fluorobiphenyl (S)	81	%	13-130	1	12/10/19 16:51	12/12/19 13:16	321-60-8		
Terphenyl-d14 (S)	101	%	25-130	1	12/10/19 16:51	12/12/19 13:16	1718-51-0		
Phenol-d6 (S)	58	%	10-130	1	12/10/19 16:51	12/12/19 13:16	13127-88-3		
2-Fluorophenol (S)	70	%	10-130	1	12/10/19 16:51	12/12/19 13:16	367-12-4		
2,4,6-Tribromophenol (S)	117	%	10-137	1	12/10/19 16:51	12/12/19 13:16	118-79-6		
8260D MSV Low Level		Analytical Method: EPA 8260D							
Acetone	ND	ug/L	25.0	1		12/13/19 02:33	67-64-1		
Benzene	ND	ug/L	1.0	1		12/13/19 02:33	71-43-2		
Bromobenzene	ND	ug/L	1.0	1		12/13/19 02:33	108-86-1		
Bromochloromethane	ND	ug/L	1.0	1		12/13/19 02:33	74-97-5		
Bromodichloromethane	ND	ug/L	1.0	1		12/13/19 02:33	75-27-4		
Bromoform	ND	ug/L	1.0	1		12/13/19 02:33	75-25-2	v3	
Bromomethane	ND	ug/L	2.0	1		12/13/19 02:33	74-83-9	IH,IK,L1	
2-Butanone (MEK)	ND	ug/L	5.0	1		12/13/19 02:33	78-93-3		
Carbon tetrachloride	ND	ug/L	1.0	1		12/13/19 02:33	56-23-5		
Chlorobenzene	ND	ug/L	1.0	1		12/13/19 02:33	108-90-7		
Chloroethane	ND	ug/L	1.0	1		12/13/19 02:33	75-00-3	IK,v1	
Chloroform	ND	ug/L	5.0	1		12/13/19 02:33	67-66-3		
Chloromethane	ND	ug/L	1.0	1		12/13/19 02:33	74-87-3		
2-Chlorotoluene	ND	ug/L	1.0	1		12/13/19 02:33	95-49-8		
4-Chlorotoluene	ND	ug/L	1.0	1		12/13/19 02:33	106-43-4		
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		12/13/19 02:33	96-12-8		
Dibromochloromethane	ND	ug/L	1.0	1		12/13/19 02:33	124-48-1		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1447
Pace Project No.: 92456357

Sample: B2		Lab ID: 92456357002		Collected: 12/05/19 11:40		Received: 12/06/19 09:44		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
8260D MSV Low Level		Analytical Method: EPA 8260D							
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		12/13/19 02:33	106-93-4		
Dibromomethane	ND	ug/L	1.0	1		12/13/19 02:33	74-95-3		
1,2-Dichlorobenzene	ND	ug/L	1.0	1		12/13/19 02:33	95-50-1		
1,3-Dichlorobenzene	ND	ug/L	1.0	1		12/13/19 02:33	541-73-1		
1,4-Dichlorobenzene	ND	ug/L	1.0	1		12/13/19 02:33	106-46-7		
Dichlorodifluoromethane	ND	ug/L	1.0	1		12/13/19 02:33	75-71-8		
1,1-Dichloroethane	ND	ug/L	1.0	1		12/13/19 02:33	75-34-3		
1,2-Dichloroethane	ND	ug/L	1.0	1		12/13/19 02:33	107-06-2		
1,1-Dichloroethene	ND	ug/L	1.0	1		12/13/19 02:33	75-35-4		
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		12/13/19 02:33	156-59-2		
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		12/13/19 02:33	156-60-5		
1,2-Dichloropropane	ND	ug/L	1.0	1		12/13/19 02:33	78-87-5		
1,3-Dichloropropane	ND	ug/L	1.0	1		12/13/19 02:33	142-28-9		
2,2-Dichloropropane	ND	ug/L	1.0	1		12/13/19 02:33	594-20-7		
1,1-Dichloropropene	ND	ug/L	1.0	1		12/13/19 02:33	563-58-6		
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		12/13/19 02:33	10061-01-5		
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		12/13/19 02:33	10061-02-6		
Diisopropyl ether	ND	ug/L	1.0	1		12/13/19 02:33	108-20-3		
Ethylbenzene	ND	ug/L	1.0	1		12/13/19 02:33	100-41-4		
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		12/13/19 02:33	87-68-3	v3	
2-Hexanone	ND	ug/L	5.0	1		12/13/19 02:33	591-78-6		
p-Isopropyltoluene	ND	ug/L	1.0	1		12/13/19 02:33	99-87-6		
Methylene Chloride	ND	ug/L	5.0	1		12/13/19 02:33	75-09-2		
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		12/13/19 02:33	108-10-1		
Methyl-tert-butyl ether	ND	ug/L	1.0	1		12/13/19 02:33	1634-04-4		
Naphthalene	ND	ug/L	1.0	1		12/13/19 02:33	91-20-3		
Styrene	ND	ug/L	1.0	1		12/13/19 02:33	100-42-5		
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		12/13/19 02:33	630-20-6		
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		12/13/19 02:33	79-34-5		
Tetrachloroethene	ND	ug/L	1.0	1		12/13/19 02:33	127-18-4		
Toluene	ND	ug/L	1.0	1		12/13/19 02:33	108-88-3		
1,2,3-Trichlorobenzene	ND	ug/L	1.0	1		12/13/19 02:33	87-61-6		
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		12/13/19 02:33	120-82-1		
1,1,1-Trichloroethane	ND	ug/L	1.0	1		12/13/19 02:33	71-55-6		
1,1,2-Trichloroethane	ND	ug/L	1.0	1		12/13/19 02:33	79-00-5		
Trichloroethene	ND	ug/L	1.0	1		12/13/19 02:33	79-01-6		
Trichlorofluoromethane	ND	ug/L	1.0	1		12/13/19 02:33	75-69-4		
1,2,3-Trichloropropane	ND	ug/L	1.0	1		12/13/19 02:33	96-18-4		
Vinyl acetate	ND	ug/L	2.0	1		12/13/19 02:33	108-05-4		
Vinyl chloride	ND	ug/L	1.0	1		12/13/19 02:33	75-01-4		
Xylene (Total)	ND	ug/L	1.0	1		12/11/19 19:10	1330-20-7		
m&p-Xylene	ND	ug/L	2.0	1		12/13/19 02:33	179601-23-1		
o-Xylene	ND	ug/L	1.0	1		12/13/19 02:33	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130	1		12/13/19 02:33	460-00-4		
1,2-Dichloroethane-d4 (S)	94	%	70-130	1		12/13/19 02:33	17060-07-0		
Toluene-d8 (S)	101	%	70-130	1		12/13/19 02:33	2037-26-5		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1447
Pace Project No.: 92456357

QC Batch: 514212 Analysis Method: EPA 8260D
QC Batch Method: EPA 8260D Analysis Description: 8260D MSV Low Level
Associated Lab Samples: 92456357001, 92456357002

METHOD BLANK: 2755847 Matrix: Water
Associated Lab Samples: 92456357001, 92456357002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Xylene (Total)	ug/L	ND	1.0	12/11/19 16:12	
1,2-Dichloroethane-d4 (S)	%	90	70-130	12/11/19 16:12	
4-Bromofluorobenzene (S)	%	100	70-130	12/11/19 16:12	
Toluene-d8 (S)	%	105	70-130	12/11/19 16:12	

LABORATORY CONTROL SAMPLE: 2755848

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Xylene (Total)	ug/L	150	140	94	70-130	
1,2-Dichloroethane-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			96	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2755849 2755850

Parameter	Units	92455898001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Xylene (Total)	ug/L	ND	2400	2400	2660	2880	111	120	63-158	8	
1,2-Dichloroethane-d4 (S)	%						98	96	70-130		
4-Bromofluorobenzene (S)	%						99	100	70-130		
Toluene-d8 (S)	%						106	99	70-130		

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QUALITY CONTROL DATA

Project: 1447
Pace Project No.: 92456357

QC Batch: 514506 Analysis Method: EPA 8260D
QC Batch Method: EPA 8260D Analysis Description: 8260D MSV Low Level
Associated Lab Samples: 92456357001, 92456357002

METHOD BLANK: 2757605 Matrix: Water
Associated Lab Samples: 92456357001, 92456357002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	12/12/19 17:36	
1,1,1-Trichloroethane	ug/L	ND	1.0	12/12/19 17:36	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	12/12/19 17:36	
1,1,2-Trichloroethane	ug/L	ND	1.0	12/12/19 17:36	
1,1-Dichloroethane	ug/L	ND	1.0	12/12/19 17:36	
1,1-Dichloroethene	ug/L	ND	1.0	12/12/19 17:36	
1,1-Dichloropropene	ug/L	ND	1.0	12/12/19 17:36	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	12/12/19 17:36	
1,2,3-Trichloropropane	ug/L	ND	1.0	12/12/19 17:36	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	12/12/19 17:36	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	12/12/19 17:36	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	12/12/19 17:36	
1,2-Dichlorobenzene	ug/L	ND	1.0	12/12/19 17:36	
1,2-Dichloroethane	ug/L	ND	1.0	12/12/19 17:36	
1,2-Dichloropropane	ug/L	ND	1.0	12/12/19 17:36	
1,3-Dichlorobenzene	ug/L	ND	1.0	12/12/19 17:36	
1,3-Dichloropropane	ug/L	ND	1.0	12/12/19 17:36	
1,4-Dichlorobenzene	ug/L	ND	1.0	12/12/19 17:36	
2,2-Dichloropropane	ug/L	ND	1.0	12/12/19 17:36	
2-Butanone (MEK)	ug/L	ND	5.0	12/12/19 17:36	
2-Chlorotoluene	ug/L	ND	1.0	12/12/19 17:36	
2-Hexanone	ug/L	ND	5.0	12/12/19 17:36	
4-Chlorotoluene	ug/L	ND	1.0	12/12/19 17:36	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	12/12/19 17:36	
Acetone	ug/L	ND	25.0	12/12/19 17:36	
Benzene	ug/L	ND	1.0	12/12/19 17:36	
Bromobenzene	ug/L	ND	1.0	12/12/19 17:36	
Bromochloromethane	ug/L	ND	1.0	12/12/19 17:36	
Bromodichloromethane	ug/L	ND	1.0	12/12/19 17:36	
Bromoform	ug/L	ND	1.0	12/12/19 17:36	
Bromomethane	ug/L	ND	2.0	12/12/19 17:36	IH,IK
Carbon tetrachloride	ug/L	ND	1.0	12/12/19 17:36	
Chlorobenzene	ug/L	ND	1.0	12/12/19 17:36	
Chloroethane	ug/L	ND	1.0	12/12/19 17:36	IK,v1
Chloroform	ug/L	ND	5.0	12/12/19 17:36	
Chloromethane	ug/L	ND	1.0	12/12/19 17:36	
cis-1,2-Dichloroethene	ug/L	ND	1.0	12/12/19 17:36	
cis-1,3-Dichloropropene	ug/L	ND	1.0	12/12/19 17:36	
Dibromochloromethane	ug/L	ND	1.0	12/12/19 17:36	
Dibromomethane	ug/L	ND	1.0	12/12/19 17:36	
Dichlorodifluoromethane	ug/L	ND	1.0	12/12/19 17:36	

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QUALITY CONTROL DATA

Project: 1447
Pace Project No.: 92456357

METHOD BLANK: 2757605

Matrix: Water

Associated Lab Samples: 92456357001, 92456357002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	12/12/19 17:36	
Ethylbenzene	ug/L	ND	1.0	12/12/19 17:36	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	12/12/19 17:36	
m&p-Xylene	ug/L	ND	2.0	12/12/19 17:36	
Methyl-tert-butyl ether	ug/L	ND	1.0	12/12/19 17:36	
Methylene Chloride	ug/L	ND	5.0	12/12/19 17:36	
Naphthalene	ug/L	ND	1.0	12/12/19 17:36	
o-Xylene	ug/L	ND	1.0	12/12/19 17:36	
p-Isopropyltoluene	ug/L	ND	1.0	12/12/19 17:36	
Styrene	ug/L	ND	1.0	12/12/19 17:36	
Tetrachloroethene	ug/L	ND	1.0	12/12/19 17:36	
Toluene	ug/L	ND	1.0	12/12/19 17:36	
trans-1,2-Dichloroethene	ug/L	ND	1.0	12/12/19 17:36	
trans-1,3-Dichloropropene	ug/L	ND	1.0	12/12/19 17:36	
Trichloroethene	ug/L	ND	1.0	12/12/19 17:36	
Trichlorofluoromethane	ug/L	ND	1.0	12/12/19 17:36	
Vinyl acetate	ug/L	ND	2.0	12/12/19 17:36	
Vinyl chloride	ug/L	ND	1.0	12/12/19 17:36	
1,2-Dichloroethane-d4 (S)	%	90	70-130	12/12/19 17:36	
4-Bromofluorobenzene (S)	%	97	70-130	12/12/19 17:36	
Toluene-d8 (S)	%	103	70-130	12/12/19 17:36	

LABORATORY CONTROL SAMPLE: 2757606

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.7	101	70-130	
1,1,1-Trichloroethane	ug/L	50	50.2	100	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	48.5	97	70-130	
1,1,2-Trichloroethane	ug/L	50	49.9	100	70-130	
1,1-Dichloroethane	ug/L	50	48.5	97	70-130	
1,1-Dichloroethene	ug/L	50	49.0	98	70-130	
1,1-Dichloropropene	ug/L	50	53.4	107	70-130	
1,2,3-Trichlorobenzene	ug/L	50	58.4	117	70-130	
1,2,3-Trichloropropane	ug/L	50	48.6	97	70-130	
1,2,4-Trichlorobenzene	ug/L	50	55.0	110	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	54.2	108	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	51.4	103	70-130	
1,2-Dichlorobenzene	ug/L	50	51.4	103	70-130	
1,2-Dichloroethane	ug/L	50	47.7	95	70-130	
1,2-Dichloropropane	ug/L	50	51.2	102	70-130	
1,3-Dichlorobenzene	ug/L	50	51.0	102	70-130	
1,3-Dichloropropane	ug/L	50	51.2	102	70-131	
1,4-Dichlorobenzene	ug/L	50	51.2	102	70-130	
2,2-Dichloropropane	ug/L	50	58.6	117	69-130	

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QUALITY CONTROL DATA

Project: 1447
Pace Project No.: 92456357

LABORATORY CONTROL SAMPLE: 2757606

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	88.3	88	64-135	
2-Chlorotoluene	ug/L	50	50.2	100	70-130	
2-Hexanone	ug/L	100	96.1	96	66-135	
4-Chlorotoluene	ug/L	50	50.1	100	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	94.3	94	70-130	
Acetone	ug/L	100	96.1	96	61-157	
Benzene	ug/L	50	51.0	102	70-130	
Bromobenzene	ug/L	50	51.8	104	70-130	
Bromochloromethane	ug/L	50	50.9	102	70-130	
Bromodichloromethane	ug/L	50	51.2	102	70-130	
Bromoform	ug/L	50	51.6	103	70-130	
Bromomethane	ug/L	50	69.9	140	38-130	IH,IK,L1
Carbon tetrachloride	ug/L	50	52.8	106	70-130	
Chlorobenzene	ug/L	50	50.0	100	70-130	
Chloroethane	ug/L	50	50.9	102	37-142	IK,v1
Chloroform	ug/L	50	49.5	99	70-130	
Chloromethane	ug/L	50	40.7	81	48-130	
cis-1,2-Dichloroethene	ug/L	50	48.1	96	70-130	
cis-1,3-Dichloropropene	ug/L	50	53.5	107	70-130	
Dibromochloromethane	ug/L	50	51.9	104	70-130	
Dibromomethane	ug/L	50	51.3	103	70-130	
Dichlorodifluoromethane	ug/L	50	45.3	91	53-134	
Diisopropyl ether	ug/L	50	47.3	95	70-135	
Ethylbenzene	ug/L	50	49.7	99	70-130	
Hexachloro-1,3-butadiene	ug/L	50	52.0	104	68-132	
m&p-Xylene	ug/L	100	100	100	70-130	
Methyl-tert-butyl ether	ug/L	50	51.4	103	70-130	
Methylene Chloride	ug/L	50	46.0	92	67-132	
Naphthalene	ug/L	50	57.5	115	70-130	
o-Xylene	ug/L	50	49.8	100	70-131	
p-Isopropyltoluene	ug/L	50	51.3	103	70-130	
Styrene	ug/L	50	52.1	104	70-130	
Tetrachloroethene	ug/L	50	48.6	97	69-130	
Toluene	ug/L	50	49.3	99	70-130	
trans-1,2-Dichloroethene	ug/L	50	49.3	99	70-130	
trans-1,3-Dichloropropene	ug/L	50	52.7	105	70-130	
Trichloroethene	ug/L	50	50.4	101	70-130	
Trichlorofluoromethane	ug/L	50	45.2	90	63-130	
Vinyl acetate	ug/L	100	106	106	55-143	
Vinyl chloride	ug/L	50	49.8	100	70-131	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			99	70-130	

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QUALITY CONTROL DATA

Project: 1447
Pace Project No.: 92456357

MATRIX SPIKE SAMPLE:		2757608	92456357002	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers	
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20.9	105	73-134		
1,1,1-Trichloroethane	ug/L	ND	20	26.1	131	82-143		
1,1,2,2-Tetrachloroethane	ug/L	ND	20	21.5	108	70-136		
1,1,2-Trichloroethane	ug/L	ND	20	22.7	113	70-135		
1,1-Dichloroethane	ug/L	ND	20	25.1	126	70-139		
1,1-Dichloroethene	ug/L	ND	20	25.7	129	70-154		
1,1-Dichloropropene	ug/L	ND	20	27.6	138	70-149		
1,2,3-Trichlorobenzene	ug/L	ND	20	19.5	98	70-135		
1,2,3-Trichloropropane	ug/L	ND	20	21.9	109	71-137		
1,2,4-Trichlorobenzene	ug/L	ND	20	19.0	95	73-140		
1,2-Dibromo-3-chloropropane	ug/L	ND	20	19.0	95	65-134		
1,2-Dibromoethane (EDB)	ug/L	ND	20	21.4	107	70-137		
1,2-Dichlorobenzene	ug/L	ND	20	21.2	106	70-133		
1,2-Dichloroethane	ug/L	ND	20	24.5	122	70-137		
1,2-Dichloropropane	ug/L	ND	20	23.2	116	70-140		
1,3-Dichlorobenzene	ug/L	ND	20	21.3	106	70-135		
1,3-Dichloropropane	ug/L	ND	20	22.7	113	70-143		
1,4-Dichlorobenzene	ug/L	ND	20	21.6	108	70-133		
2,2-Dichloropropane	ug/L	ND	20	24.6	123	61-148		
2-Butanone (MEK)	ug/L	ND	40	45.7	114	60-139		
2-Chlorotoluene	ug/L	ND	20	22.5	113	70-144		
2-Hexanone	ug/L	ND	40	37.2	93	65-138		
4-Chlorotoluene	ug/L	ND	20	22.7	114	70-137		
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	38.5	96	65-135		
Acetone	ug/L	ND	40	46.9	117	60-148		
Benzene	ug/L	ND	20	23.1	115	70-151		
Bromobenzene	ug/L	ND	20	21.6	108	70-136		
Bromochloromethane	ug/L	ND	20	24.2	121	70-141		
Bromodichloromethane	ug/L	ND	20	20.8	104	70-138		
Bromoform	ug/L	ND	20	15.7	79	63-130	v3	
Bromomethane	ug/L	ND	20	29.4	147	15-152	v1	
Carbon tetrachloride	ug/L	ND	20	21.4	107	70-143		
Chlorobenzene	ug/L	ND	20	22.0	110	70-138		
Chloroethane	ug/L	ND	20	25.3	126	52-163		
Chloroform	ug/L	ND	20	27.1	135	70-139		
Chloromethane	ug/L	ND	20	21.5	108	41-139		
cis-1,2-Dichloroethene	ug/L	ND	20	25.1	126	70-141		
cis-1,3-Dichloropropene	ug/L	ND	20	22.2	111	70-137		
Dibromochloromethane	ug/L	ND	20	19.0	95	70-134		
Dibromomethane	ug/L	ND	20	20.3	101	70-138		
Dichlorodifluoromethane	ug/L	ND	20	25.7	128	47-155		
Diisopropyl ether	ug/L	ND	20	22.4	112	63-144		
Ethylbenzene	ug/L	ND	20	22.9	114	66-153		
Hexachloro-1,3-butadiene	ug/L	ND	20	17.9	89	65-149	v3	
m&p-Xylene	ug/L	ND	40	45.0	112	69-152		
Methyl-tert-butyl ether	ug/L	ND	20	24.4	122	54-156		
Methylene Chloride	ug/L	ND	20	23.1	116	42-159		

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QUALITY CONTROL DATA

Project: 1447
Pace Project No.: 92456357

MATRIX SPIKE SAMPLE: 2757608		92456357002	Spike	MS	MS	% Rec	
Parameter	Units	Result	Conc.	Result	% Rec	Limits	Qualifiers
Naphthalene	ug/L	ND	20	21.2	106	61-148	
o-Xylene	ug/L	ND	20	21.9	109	70-148	
p-Isopropyltoluene	ug/L	ND	20	22.5	112	70-146	
Styrene	ug/L	ND	20	21.7	109	70-135	
Tetrachloroethene	ug/L	ND	20	18.4	92	59-143	
Toluene	ug/L	ND	20	22.7	114	59-148	
trans-1,2-Dichloroethene	ug/L	ND	20	25.1	126	70-146	
trans-1,3-Dichloropropene	ug/L	ND	20	21.5	108	70-135	
Trichloroethene	ug/L	ND	20	23.1	115	70-147	
Trichlorofluoromethane	ug/L	ND	20	26.4	132	70-148	
Vinyl acetate	ug/L	ND	40	50.3	126	49-151	
Vinyl chloride	ug/L	ND	20	25.2	126	70-156	
1,2-Dichloroethane-d4 (S)	%				109	70-130	
4-Bromofluorobenzene (S)	%				100	70-130	
Toluene-d8 (S)	%				97	70-130	

SAMPLE DUPLICATE: 2757607

Parameter	Units	92456357001	Dup	RPD	Qualifiers
		Result	Result		
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		
1,1,1-Trichloroethane	ug/L	ND	ND		
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		
1,1,2-Trichloroethane	ug/L	ND	ND		
1,1-Dichloroethane	ug/L	ND	ND		
1,1-Dichloroethene	ug/L	ND	ND		
1,1-Dichloropropene	ug/L	ND	ND		
1,2,3-Trichlorobenzene	ug/L	ND	ND		
1,2,3-Trichloropropane	ug/L	ND	ND		
1,2,4-Trichlorobenzene	ug/L	ND	ND		
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		
1,2-Dibromoethane (EDB)	ug/L	ND	ND		
1,2-Dichlorobenzene	ug/L	ND	ND		
1,2-Dichloroethane	ug/L	ND	ND		
1,2-Dichloropropane	ug/L	ND	ND		
1,3-Dichlorobenzene	ug/L	ND	ND		
1,3-Dichloropropane	ug/L	ND	ND		
1,4-Dichlorobenzene	ug/L	ND	ND		
2,2-Dichloropropane	ug/L	ND	ND		
2-Butanone (MEK)	ug/L	ND	ND		
2-Chlorotoluene	ug/L	ND	ND		
2-Hexanone	ug/L	ND	ND		
4-Chlorotoluene	ug/L	ND	ND		
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		
Acetone	ug/L	ND	ND		
Benzene	ug/L	ND	ND		

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QUALITY CONTROL DATA

Project: 1447
Pace Project No.: 92456357

SAMPLE DUPLICATE: 2757607

Parameter	Units	92456357001 Result	Dup Result	RPD	Qualifiers
Bromobenzene	ug/L	ND	ND		
Bromochloromethane	ug/L	ND	ND		
Bromodichloromethane	ug/L	ND	ND		
Bromoform	ug/L	ND	ND		v2
Bromomethane	ug/L	ND	ND		v1
Carbon tetrachloride	ug/L	ND	ND		
Chlorobenzene	ug/L	ND	ND		
Chloroethane	ug/L	ND	ND		
Chloroform	ug/L	ND	ND		
Chloromethane	ug/L	ND	ND		
cis-1,2-Dichloroethene	ug/L	ND	ND		
cis-1,3-Dichloropropene	ug/L	ND	ND		
Dibromochloromethane	ug/L	ND	ND		
Dibromomethane	ug/L	ND	ND		
Dichlorodifluoromethane	ug/L	ND	ND		
Diisopropyl ether	ug/L	ND	ND		
Ethylbenzene	ug/L	ND	ND		
Hexachloro-1,3-butadiene	ug/L	ND	ND		v2
m&p-Xylene	ug/L	ND	ND		
Methyl-tert-butyl ether	ug/L	ND	ND		
Methylene Chloride	ug/L	ND	ND		
Naphthalene	ug/L	ND	ND		
o-Xylene	ug/L	ND	ND		
p-Isopropyltoluene	ug/L	ND	ND		
Styrene	ug/L	ND	ND		
Tetrachloroethene	ug/L	ND	ND		
Toluene	ug/L	ND	ND		
trans-1,2-Dichloroethene	ug/L	ND	ND		
trans-1,3-Dichloropropene	ug/L	ND	ND		
Trichloroethene	ug/L	ND	ND		
Trichlorofluoromethane	ug/L	ND	ND		
Vinyl acetate	ug/L	ND	ND		
Vinyl chloride	ug/L	ND	ND		
1,2-Dichloroethane-d4 (S)	%	92	112		
4-Bromofluorobenzene (S)	%	95	102		
Toluene-d8 (S)	%	102	100		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1447
Pace Project No.: 92456357

QC Batch: 513957	Analysis Method: EPA 8270E
QC Batch Method: EPA 3510C	Analysis Description: 8270E Water MSSV RVE
Associated Lab Samples: 92456357001, 92456357002	

METHOD BLANK: 2754779	Matrix: Water
Associated Lab Samples: 92456357001, 92456357002	

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/L	ND	10.0	12/11/19 10:16	
1,2-Dichlorobenzene	ug/L	ND	10.0	12/11/19 10:16	
1,3-Dichlorobenzene	ug/L	ND	10.0	12/11/19 10:16	
1,4-Dichlorobenzene	ug/L	ND	10.0	12/11/19 10:16	
1-Methylnaphthalene	ug/L	ND	10.0	12/11/19 10:16	
2,2'-Oxybis(1-chloropropane)	ug/L	ND	10.0	12/11/19 10:16	
2,4,5-Trichlorophenol	ug/L	ND	10.0	12/11/19 10:16	
2,4,6-Trichlorophenol	ug/L	ND	10.0	12/11/19 10:16	
2,4-Dichlorophenol	ug/L	ND	10.0	12/11/19 10:16	
2,4-Dimethylphenol	ug/L	ND	10.0	12/11/19 10:16	
2,4-Dinitrophenol	ug/L	ND	50.0	12/11/19 10:16	
2,4-Dinitrotoluene	ug/L	ND	10.0	12/11/19 10:16	
2,6-Dinitrotoluene	ug/L	ND	10.0	12/11/19 10:16	
2-Chloronaphthalene	ug/L	ND	10.0	12/11/19 10:16	
2-Chlorophenol	ug/L	ND	10.0	12/11/19 10:16	
2-Methylnaphthalene	ug/L	ND	10.0	12/11/19 10:16	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	12/11/19 10:16	
2-Nitroaniline	ug/L	ND	20.0	12/11/19 10:16	
2-Nitrophenol	ug/L	ND	10.0	12/11/19 10:16	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	12/11/19 10:16	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	12/11/19 10:16	
3-Nitroaniline	ug/L	ND	20.0	12/11/19 10:16	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	12/11/19 10:16	
4-Bromophenylphenyl ether	ug/L	ND	10.0	12/11/19 10:16	
4-Chloro-3-methylphenol	ug/L	ND	20.0	12/11/19 10:16	
4-Chloroaniline	ug/L	ND	20.0	12/11/19 10:16	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	12/11/19 10:16	
4-Nitroaniline	ug/L	ND	20.0	12/11/19 10:16	
4-Nitrophenol	ug/L	ND	50.0	12/11/19 10:16	
Acenaphthene	ug/L	ND	10.0	12/11/19 10:16	
Acenaphthylene	ug/L	ND	10.0	12/11/19 10:16	
Aniline	ug/L	ND	10.0	12/11/19 10:16	
Anthracene	ug/L	ND	10.0	12/11/19 10:16	
Benzo(a)anthracene	ug/L	ND	10.0	12/11/19 10:16	
Benzo(a)pyrene	ug/L	ND	10.0	12/11/19 10:16	
Benzo(b)fluoranthene	ug/L	ND	10.0	12/11/19 10:16	
Benzo(g,h,i)perylene	ug/L	ND	10.0	12/11/19 10:16	
Benzo(k)fluoranthene	ug/L	ND	10.0	12/11/19 10:16	
Benzoic Acid	ug/L	ND	50.0	12/11/19 10:16	
Benzyl alcohol	ug/L	ND	20.0	12/11/19 10:16	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	12/11/19 10:16	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1447
Pace Project No.: 92456357

METHOD BLANK: 2754779 Matrix: Water

Associated Lab Samples: 92456357001, 92456357002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Chloroethyl) ether	ug/L	ND	10.0	12/11/19 10:16	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	12/11/19 10:16	
Butylbenzylphthalate	ug/L	ND	10.0	12/11/19 10:16	
Chrysene	ug/L	ND	10.0	12/11/19 10:16	
Di-n-butylphthalate	ug/L	ND	10.0	12/11/19 10:16	
Di-n-octylphthalate	ug/L	ND	10.0	12/11/19 10:16	
Dibenz(a,h)anthracene	ug/L	ND	10.0	12/11/19 10:16	
Dibenzofuran	ug/L	ND	10.0	12/11/19 10:16	
Diethylphthalate	ug/L	ND	10.0	12/11/19 10:16	
Dimethylphthalate	ug/L	ND	10.0	12/11/19 10:16	
Fluoranthene	ug/L	ND	10.0	12/11/19 10:16	
Fluorene	ug/L	ND	10.0	12/11/19 10:16	
Hexachloro-1,3-butadiene	ug/L	ND	10.0	12/11/19 10:16	
Hexachlorobenzene	ug/L	ND	10.0	12/11/19 10:16	
Hexachlorocyclopentadiene	ug/L	ND	10.0	12/11/19 10:16	
Hexachloroethane	ug/L	ND	10.0	12/11/19 10:16	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	12/11/19 10:16	
Isophorone	ug/L	ND	10.0	12/11/19 10:16	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	12/11/19 10:16	
N-Nitrosodimethylamine	ug/L	ND	10.0	12/11/19 10:16	
N-Nitrosodiphenylamine	ug/L	ND	10.0	12/11/19 10:16	
Naphthalene	ug/L	ND	10.0	12/11/19 10:16	
Nitrobenzene	ug/L	ND	10.0	12/11/19 10:16	
Pentachlorophenol	ug/L	ND	25.0	12/11/19 10:16	v1
Phenanthrene	ug/L	ND	10.0	12/11/19 10:16	
Phenol	ug/L	ND	10.0	12/11/19 10:16	
Pyrene	ug/L	ND	10.0	12/11/19 10:16	
2,4,6-Tribromophenol (S)	%	106	10-137	12/11/19 10:16	
2-Fluorobiphenyl (S)	%	82	13-130	12/11/19 10:16	
2-Fluorophenol (S)	%	73	10-130	12/11/19 10:16	
Nitrobenzene-d5 (S)	%	81	13-130	12/11/19 10:16	
Phenol-d6 (S)	%	57	10-130	12/11/19 10:16	
Terphenyl-d14 (S)	%	88	25-130	12/11/19 10:16	

LABORATORY CONTROL SAMPLE: 2754780

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/L	50	44.0	88	30-130	
1,2-Dichlorobenzene	ug/L	50	43.1	86	30-130	
1,3-Dichlorobenzene	ug/L	50	42.9	86	20-130	
1,4-Dichlorobenzene	ug/L	50	42.9	86	30-130	
1-Methylnaphthalene	ug/L	50	43.6	87	30-130	
2,2'-Oxybis(1-chloropropane)	ug/L	50	41.6	83	20-130	
2,4,5-Trichlorophenol	ug/L	50	46.6	93	40-130	

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QUALITY CONTROL DATA

Project: 1447
Pace Project No.: 92456357

LABORATORY CONTROL SAMPLE: 2754780

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4,6-Trichlorophenol	ug/L	50	50.8	102	40-130	
2,4-Dichlorophenol	ug/L	50	46.5	93	31-130	
2,4-Dimethylphenol	ug/L	50	45.1	90	30-130	
2,4-Dinitrophenol	ug/L	250	286	114	30-130	
2,4-Dinitrotoluene	ug/L	50	53.8	108	49-130	
2,6-Dinitrotoluene	ug/L	50	50.8	102	50-130	
2-Chloronaphthalene	ug/L	50	45.0	90	30-130	
2-Chlorophenol	ug/L	50	44.8	90	30-130	
2-Methylnaphthalene	ug/L	50	43.4	87	30-130	
2-Methylphenol(o-Cresol)	ug/L	50	41.6	83	30-130	
2-Nitroaniline	ug/L	100	100	100	40-130	
2-Nitrophenol	ug/L	50	50.1	100	20-130	
3&4-Methylphenol(m&p Cresol)	ug/L	50	41.2	82	20-130	
3,3'-Dichlorobenzidine	ug/L	100	102	102	10-150	
3-Nitroaniline	ug/L	100	104	104	40-130	
4,6-Dinitro-2-methylphenol	ug/L	100	113	113	40-130	
4-Bromophenylphenyl ether	ug/L	50	45.3	91	30-130	
4-Chloro-3-methylphenol	ug/L	100	96.0	96	30-130	
4-Chloroaniline	ug/L	100	91.3	91	20-130	
4-Chlorophenylphenyl ether	ug/L	50	44.2	88	20-130	
4-Nitroaniline	ug/L	100	105	105	40-130	
4-Nitrophenol	ug/L	250	182	73	10-130	
Acenaphthene	ug/L	50	44.5	89	30-130	
Acenaphthylene	ug/L	50	46.4	93	30-130	
Aniline	ug/L	50	34.8	70	20-130	
Anthracene	ug/L	50	48.3	97	50-130	
Benzo(a)anthracene	ug/L	50	49.8	100	50-130	
Benzo(a)pyrene	ug/L	50	51.1	102	50-130	
Benzo(b)fluoranthene	ug/L	50	51.6	103	50-130	
Benzo(g,h,i)perylene	ug/L	50	51.8	104	50-130	
Benzo(k)fluoranthene	ug/L	50	49.0	98	50-130	
Benzoic Acid	ug/L	250	171	69	10-130	
Benzyl alcohol	ug/L	100	81.0	81	20-130	
bis(2-Chloroethoxy)methane	ug/L	50	43.6	87	30-130	
bis(2-Chloroethyl) ether	ug/L	50	43.0	86	30-130	
bis(2-Ethylhexyl)phthalate	ug/L	50	83.6	167	50-130 L1	
Butylbenzylphthalate	ug/L	50	61.4	123	50-150	
Chrysene	ug/L	50	49.9	100	50-130	
Di-n-butylphthalate	ug/L	50	61.5	123	50-130	
Di-n-octylphthalate	ug/L	50	67.7	135	50-130 L1	
Dibenz(a,h)anthracene	ug/L	50	51.9	104	40-130	
Dibenzofuran	ug/L	50	45.5	91	40-130	
Diethylphthalate	ug/L	50	56.9	114	40-130	
Dimethylphthalate	ug/L	50	55.7	111	40-130	
Fluoranthene	ug/L	50	51.3	103	30-130	
Fluorene	ug/L	50	44.4	89	20-130	
Hexachloro-1,3-butadiene	ug/L	50	44.2	88	10-130	

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QUALITY CONTROL DATA

Project: 1447
Pace Project No.: 92456357

LABORATORY CONTROL SAMPLE: 2754780

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hexachlorobenzene	ug/L	50	48.2	96	30-130	
Hexachlorocyclopentadiene	ug/L	50	45.2	90	10-150	
Hexachloroethane	ug/L	50	42.5	85	10-130	
Indeno(1,2,3-cd)pyrene	ug/L	50	51.9	104	40-130	
Isophorone	ug/L	50	43.0	86	30-130	
N-Nitroso-di-n-propylamine	ug/L	50	44.6	89	30-130	
N-Nitrosodimethylamine	ug/L	50	34.0	68	10-130	
N-Nitrosodiphenylamine	ug/L	50	47.3	95	30-130	
Naphthalene	ug/L	50	42.8	86	20-130	
Nitrobenzene	ug/L	50	44.3	89	20-130	
Pentachlorophenol	ug/L	100	125	125	10-140 v1	
Phenanthrene	ug/L	50	47.2	94	50-130	
Phenol	ug/L	50	32.6	65	10-130	
Pyrene	ug/L	50	48.4	97	50-130	
2,4,6-Tribromophenol (S)	%			118	10-137	
2-Fluorobiphenyl (S)	%			82	13-130	
2-Fluorophenol (S)	%			76	10-130	
Nitrobenzene-d5 (S)	%			82	13-130	
Phenol-d6 (S)	%			61	10-130	
Terphenyl-d14 (S)	%			93	25-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2754781 2754782

Parameter	Units	92446593014		MS	MSD	MS		MSD	% Rec		RPD	Qual
		Result	Conc.	Spike Conc.	Spike Conc.	Result	Result	Result	% Rec	% Rec		
1,2,4-Trichlorobenzene	ug/L	ND	50	50	50	23.2	42.7	46	85	30-130	59	R1
1,2-Dichlorobenzene	ug/L	ND	50	50	50	22.0	42.0	44	84	30-130	62	R1
1,3-Dichlorobenzene	ug/L	ND	50	50	50	20.7	41.1	41	82	20-130	66	R1
1,4-Dichlorobenzene	ug/L	ND	50	50	50	21.5	41.8	43	84	30-130	64	R1
1-Methylnaphthalene	ug/L	ND	50	50	50	30.1	46.7	60	93	30-130	43	R1
2,2'-Oxybis(1-chloropropane)	ug/L	ND	50	50	50	33.5	39.2	67	78	20-130	16	
2,4,5-Trichlorophenol	ug/L	ND	50	50	50	38.2	44.4	76	89	40-130	15	
2,4,6-Trichlorophenol	ug/L	ND	50	50	50	40.7	46.9	81	94	40-130	14	
2,4-Dichlorophenol	ug/L	ND	50	50	50	38.1	44.8	76	90	31-130	16	
2,4-Dimethylphenol	ug/L	ND	50	50	50	35.1	44.2	70	88	30-130	23	
2,4-Dinitrophenol	ug/L	ND	250	250	250	267	263	107	105	30-130	1	
2,4-Dinitrotoluene	ug/L	ND	50	50	50	54.8	53.4	110	107	49-130	3	
2,6-Dinitrotoluene	ug/L	ND	50	50	50	46.8	51.6	94	103	50-130	10	
2-Chloronaphthalene	ug/L	ND	50	50	50	32.5	43.6	65	87	30-130	29	
2-Chlorophenol	ug/L	ND	50	50	50	36.2	40.7	72	81	30-130	12	
2-Methylnaphthalene	ug/L	ND	50	50	50	29.7	46.7	59	93	30-130	45	R1
2-Methylphenol(o-Cresol)	ug/L	ND	50	50	50	31.8	35.8	64	72	30-130	12	
2-Nitroaniline	ug/L	ND	100	100	100	89.1	98.6	89	99	40-130	10	
2-Nitrophenol	ug/L	ND	50	50	50	42.6	49.1	85	98	20-130	14	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1447
Pace Project No.: 92456357

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2754781 2754782											
Parameter	Units	92446593014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50	50	31.4	33.9	63	68	20-130	8	
3,3'-Dichlorobenzidine	ug/L	ND	100	100	108	99.6	108	100	10-150	8	
3-Nitroaniline	ug/L	ND	100	100	92.3	103	92	103	40-130	11	
4,6-Dinitro-2-methylphenol	ug/L	ND	100	100	114	112	114	112	40-130	2	
4-Bromophenylphenyl ether	ug/L	ND	50	50	41.9	44.0	84	88	30-130	5	
4-Chloro-3-methylphenol	ug/L	ND	100	100	76.7	88.7	77	89	30-130	14	
4-Chloroaniline	ug/L	ND	100	100	77.1	89.0	77	89	20-130	14	
4-Chlorophenylphenyl ether	ug/L	ND	50	50	38.3	43.9	77	88	20-130	14	
4-Nitroaniline	ug/L	ND	100	100	114	103	114	103	40-130	10	
4-Nitrophenol	ug/L	ND	250	250	169	127	67	51	10-130	28	
Acenaphthene	ug/L	ND	50	50	36.0	47.0	72	94	30-130	26	
Acenaphthylene	ug/L	ND	50	50	36.6	49.3	73	99	30-130	30	
Aniline	ug/L	ND	50	50	31.2	35.4	62	71	20-130	13	
Anthracene	ug/L	ND	50	50	48.2	51.5	96	103	50-130	7	
Benzo(a)anthracene	ug/L	ND	50	50	52.8	49.8	106	100	50-130	6	
Benzo(a)pyrene	ug/L	ND	50	50	54.1	51.5	108	103	50-130	5	
Benzo(b)fluoranthene	ug/L	ND	50	50	54.1	49.4	108	99	50-130	9	
Benzo(g,h,i)perylene	ug/L	ND	50	50	54.7	52.2	109	104	50-130	5	
Benzo(k)fluoranthene	ug/L	ND	50	50	52.9	50.0	106	100	50-130	6	
Benzoic Acid	ug/L	ND	250	250	54.8	105	22	42	10-130	63	R1
Benzyl alcohol	ug/L	ND	100	100	66.8	77.3	67	77	20-130	14	
bis(2-Chloroethoxy)methane	ug/L	ND	50	50	36.8	42.4	74	85	30-130	14	
bis(2-Chloroethyl) ether	ug/L	ND	50	50	37.8	42.7	76	85	30-130	12	
bis(2-Ethylhexyl)phthalate	ug/L	ND	50	50	89.7	49.8	179	100	50-130	57	M0, R1
Butylbenzylphthalate	ug/L	ND	50	50	64.8	49.3	130	99	50-150	27	
Chrysene	ug/L	ND	50	50	52.6	46.4	105	93	50-130	12	
Di-n-butylphthalate	ug/L	ND	50	50	64.0	49.2	128	98	50-130	26	
Di-n-octylphthalate	ug/L	ND	50	50	70.4	54.6	141	109	50-130	25	M0
Dibenz(a,h)anthracene	ug/L	ND	50	50	54.4	51.9	109	104	40-130	5	
Dibenzofuran	ug/L	ND	50	50	38.5	45.6	77	91	40-130	17	
Diethylphthalate	ug/L	ND	50	50	57.4	47.3	115	95	40-130	19	
Dimethylphthalate	ug/L	ND	50	50	51.5	45.5	103	91	40-130	12	
Fluoranthene	ug/L	ND	50	50	54.5	51.6	109	103	30-130	5	
Fluorene	ug/L	ND	50	50	39.2	48.4	78	97	20-130	21	
Hexachloro-1,3-butadiene	ug/L	ND	50	50	19.1	42.3	38	85	10-130	76	R1
Hexachlorobenzene	ug/L	ND	50	50	46.5	46.0	93	92	30-130	1	
Hexachlorocyclopentadiene	ug/L	ND	50	50	22.3	51.2	45	102	10-150	79	R1
Hexachloroethane	ug/L	ND	50	50	18.1	41.1	36	82	10-130	78	R1
Indeno(1,2,3-cd)pyrene	ug/L	ND	50	50	54.5	51.6	109	103	40-130	5	
Isophorone	ug/L	ND	50	50	35.8	44.9	72	90	30-130	22	
N-Nitroso-di-n-propylamine	ug/L	ND	50	50	37.2	44.0	74	88	30-130	17	
N-Nitrosodimethylamine	ug/L	ND	50	50	29.9	31.5	60	63	10-130	5	
N-Nitrosodiphenylamine	ug/L	ND	50	50	44.4	46.6	89	93	30-130	5	
Naphthalene	ug/L	ND	50	50	30.6	50.2	61	100	20-130	48	R1
Nitrobenzene	ug/L	ND	50	50	38.6	45.0	77	90	20-130	15	

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QUALITY CONTROL DATA

Project: 1447
Pace Project No.: 92456357

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2754781 2754782											
Parameter	Units	92446593014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Pentachlorophenol	ug/L	ND	100	100	127	119	127	119	10-140	7 v1	
Phenanthrene	ug/L	ND	50	50	47.7	48.7	95	97	50-130	2	
Phenol	ug/L	ND	50	50	25.6	24.6	51	49	10-130	4	
Pyrene	ug/L	ND	50	50	51.5	48.0	103	96	50-130	7	
2,4,6-Tribromophenol (S)	%						125	135	10-137		
2-Fluorobiphenyl (S)	%						69	96	13-130		
2-Fluorophenol (S)	%						63	68	10-130		
Nitrobenzene-d5 (S)	%						80	98	13-130		
Phenol-d6 (S)	%						51	51	10-130		
Terphenyl-d14 (S)	%						109	102	25-130		

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QUALIFIERS

Project: 1447
Pace Project No.: 92456357

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-C Pace Analytical Services - Charlotte

ANALYTE QUALIFIERS

IH	This analyte exceeded secondary source verification criteria high for the initial calibration. The reported results should be considered an estimated value.
IK	The recalculated concentration of the calibration standard(s) did not meet method acceptance criteria; this result should be considered an estimated value.
L1	Analyte recovery in the laboratory control sample (LCS) was above QC limits. Results for this analyte in associated samples may be biased high.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
R1	RPD value was outside control limits.
v1	The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.
v2	The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.
v3	The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have low bias.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1447
Pace Project No.: 92456357

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92456357001	B1	EPA 3510C	513957	EPA 8270E	514150
92456357002	B2	EPA 3510C	513957	EPA 8270E	514150
92456357001	B1	EPA 8260D	514212		
92456357001	B1	EPA 8260D	514506		
92456357002	B2	EPA 8260D	514212		
92456357002	B2	EPA 8260D	514506		

REPORT OF LABORATORY ANALYSIS

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CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Billing Information:

W0#: 92456357

umber or

Page 25 of 25

[illegible]



Atlantic Shores Environmental Services, Ltd.

April 14, 2020

Mark McCloskey, AICP
Director of Business
Development & Planning
166 Center Street, Jacksonville, NC 28546

Subject: Letter for Limited Soil Sampling
Springfield Park Apartments, Blue Creek School Road
Jacksonville, North Carolina
ASE Project No. 1447

Dear Mr. McCloskey:

Atlantic Shores Environmental Services, Ltd. (ASE) collected six (6) shallow soil samples from the site on April 6, 2020. The samples were collected to determine if the presence or absence of herbicides and/or pesticides within the site soil.

The samples were collected by using a decontaminated stainless-steel hand auger (Refer to Figure 1 for sample locations). Each sample was collected from approximately 6 inches to 8 inches below grade. The samples were then placed on ice, transported to Pace Analytical Laboratory via currier and were analyzed for herbicides and pesticides by EPA methods 8151 and 8081, respectively.

A pesticide known as dieldrin was detected in soil samples S-4 and S-6 (Refer to Table 1 for sample results). Dieldrin is a pesticide that is also a breakdown product of Aldrin (another pesticide). Because of concerns about damage to the environment and potentially to human health, EPA banned all uses of aldrin and dieldrin in 1974, except to control termites. In 1987, EPA banned all uses.¹

The concentration of dieldrin in the two samples were slightly higher than the Protection of Groundwater Preliminary Soil Remediation Goals, but well below the residential soil criteria. It is ASE's opinion that the low levels of dieldrin identified in two of the six soil samples would be classified as a de minimus condition at the site. However, the identified concentrations are above a regulatory standard, and as such becomes a reportable event to NCDEQ.


¹ <https://pubchem.ncbi.nlm.nih.gov/compound/Dieldrin>

April 14, 2020

ASE appreciates the opportunity to provide our environmental consulting services to you on this project. If there are questions regarding this report, or a need for further information, please contact us at 910-371-5980.

Sincerely,

ATLANTIC SHORES ENVIRONMENTAL SERVICES, LTD.



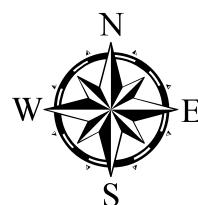
Cheryl J. Moody, REM, CIEC, CMRS
Principal Scientist



Brandon S. Dobbs
Staff Scientist

Attachments: Figure
Table
Laboratory Data and Chain of Custody

Figure 1: Soil Sample Locations



**Table 1 -Soil Sampling Results
Springfield Park Apartments
Blue Creek School Road
Jacksonville, North Carolina
ASE Project No: 1447**

Sample ID	S-1	S-2	S-3	S-4	S-5	S-6	Residential PSRG	Industrial PSRG	PG PSRG
Depth	6'-8'	6'-8'	6'-8'	6'-8'	6'-8'	6'-8'			
Sample Date	4/6/20	4/6/20	4/6/20	4/6/20	4/6/20	4/6/20			
Herbicides 8151 (mg/kg)									
None Detected	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pesticides 8081 (mg/kg)									
Dieldrin	<0.0026	<0.0024	<0.0024	0.0043	<0.0026	0.0036	0.034	0.14	0.0016

Bold values exceed the NCDEQ Protection of Groundwater PSRG

PSRG = Preliminary Soil Remediation Goal

PSRG obtained from the North Carolina Department of Environmental Quality, Inactive Hazardous Sites Branch, dated February 2018.

* NCDEQ Guidelines for Site Checks, Tank Closure, and Initial Respose and Abatement for UST Releases action levels

April 14, 2020

Cheryl Moody
Atlantic Shore Environmental
175-1 Venture Drive
Leland, NC 28451

RE: Project: 1447
Pace Project No.: 92472676

Dear Cheryl Moody:

Enclosed are the analytical results for sample(s) received by the laboratory on April 07, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace National - Mt. Juliet
- Pace Analytical Services - Charlotte

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Taylor Ezell
taylor.ezell@pacelabs.com
(704)875-9092
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 1447
Pace Project No.: 92472676

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification #: 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification #: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05

Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LA000356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: VT2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 9980939910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #: 100789

Pace Analytical Services Charlotte

9800 Kinney Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification #: LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12

South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 1447
Pace Project No.: 92472676

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92472676001	S-1	EPA 8151	RP	11	PAN
		EPA 8081B	SEM	24	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
		SM 2540G	KBC	1	PAN
92472676002	S-2	EPA 8151	RP	11	PAN
		EPA 8081B	SEM	24	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
		SM 2540G	KBC	1	PAN
92472676003	S-3	EPA 8151	RP	11	PAN
		EPA 8081B	SEM	24	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
		SM 2540G	KBC	1	PAN
92472676004	S-4	EPA 8151	RP	11	PAN
		EPA 8081B	SEM	24	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
		SM 2540G	KBC	1	PAN
92472676005	S-5	EPA 8151	RP	11	PAN
		EPA 8081B	SEM	24	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
		SM 2540G	KBC	1	PAN
92472676006	S-6	EPA 8151	RP	11	PAN
		EPA 8081B	SEM	24	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
		SM 2540G	KBC	1	PAN

PAN = Pace National - Mt. Juliet

PASI-C = Pace Analytical Services - Charlotte

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1447
Pace Project No.: 92472676

Sample: S-1 **Lab ID: 92472676001** Collected: 04/06/20 09:35 Received: 04/07/20 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Chlorinated Herb. (GC) 8151								
Analytical Method: EPA 8151 Preparation Method: 8151A								
Pace National - Mt. Juliet								
2,4-D	ND	mg/kg	0.0823	1	04/10/20 20:36	04/12/20 12:42	94-75-7	
Dalapon	ND	mg/kg	0.0823	1	04/10/20 20:36	04/12/20 12:42	127-20-8	
2,4-DB	ND	mg/kg	0.0823	1	04/10/20 20:36	04/12/20 12:42	94-82-6	
Dicamba	ND	mg/kg	0.0823	1	04/10/20 20:36	04/12/20 12:42	1918-00-9	
Dichloroprop	ND	mg/kg	0.0823	1	04/10/20 20:36	04/12/20 12:42	15165-67-0	
Dinoseb	ND	mg/kg	0.0823	1	04/10/20 20:36	04/12/20 12:42	88-85-7	
MCPA	ND	mg/kg	7.64	1	04/10/20 20:36	04/12/20 12:42	94-74-6	L0
MCPP	ND	mg/kg	7.64	1	04/10/20 20:36	04/12/20 12:42	7085-19-0	L0
2,4,5-T	ND	mg/kg	0.0823	1	04/10/20 20:36	04/12/20 12:42	93-76-5	
2,4,5-TP (Silvex)	ND	mg/kg	0.0823	1	04/10/20 20:36	04/12/20 12:42	93-72-1	
Surrogates								
2,4-DCAA (S)	65.7	%	22.0-132	1	04/10/20 20:36	04/12/20 12:42	19719-28-9	

8081 GCS Pesticides

Analytical Method: EPA 8081B Preparation Method: EPA 3546

Pace Analytical Services - Charlotte

Aldrin	ND	ug/kg	2.6	1	04/07/20 20:16	04/13/20 19:56	309-00-2	
alpha-BHC	ND	ug/kg	2.6	1	04/07/20 20:16	04/13/20 19:56	319-84-6	
beta-BHC	ND	ug/kg	2.6	1	04/07/20 20:16	04/13/20 19:56	319-85-7	M1
delta-BHC	ND	ug/kg	2.6	1	04/07/20 20:16	04/13/20 19:56	319-86-8	M1
gamma-BHC (Lindane)	ND	ug/kg	2.6	1	04/07/20 20:16	04/13/20 19:56	58-89-9	
Chlordane (Technical)	ND	ug/kg	9.2	1	04/07/20 20:16	04/13/20 19:56	57-74-9	
4,4'-DDD	ND	ug/kg	2.6	1	04/07/20 20:16	04/13/20 19:56	72-54-8	M1
4,4'-DDE	ND	ug/kg	2.6	1	04/07/20 20:16	04/13/20 19:56	72-55-9	M1
4,4'-DDT	ND	ug/kg	2.6	1	04/07/20 20:16	04/13/20 19:56	50-29-3	M1
Dieldrin	ND	ug/kg	2.6	1	04/07/20 20:16	04/13/20 19:56	60-57-1	M1
Endosulfan I	ND	ug/kg	2.6	1	04/07/20 20:16	04/13/20 19:56	959-98-8	M1
Endosulfan II	ND	ug/kg	2.6	1	04/07/20 20:16	04/13/20 19:56	33213-65-9	M1
Endosulfan sulfate	ND	ug/kg	2.6	1	04/07/20 20:16	04/13/20 19:56	1031-07-8	M1
Endrin	ND	ug/kg	2.6	1	04/07/20 20:16	04/13/20 19:56	72-20-8	
Endrin aldehyde	ND	ug/kg	2.6	1	04/07/20 20:16	04/13/20 19:56	7421-93-4	M1
Endrin ketone	ND	ug/kg	2.6	1	04/07/20 20:16	04/13/20 19:56	53494-70-5	M1
Heptachlor	ND	ug/kg	2.6	1	04/07/20 20:16	04/13/20 19:56	76-44-8	
Heptachlor epoxide	ND	ug/kg	2.6	1	04/07/20 20:16	04/13/20 19:56	1024-57-3	
Hexachlorobenzene	ND	ug/kg	2.6	1	04/07/20 20:16	04/13/20 19:56	118-74-1	
Methoxychlor	ND	ug/kg	6.6	1	04/07/20 20:16	04/13/20 19:56	72-43-5	M1
Mirex	ND	ug/kg	6.6	1	04/07/20 20:16	04/13/20 19:56	2385-85-5	M1
Toxaphene	ND	ug/kg	9.2	1	04/07/20 20:16	04/13/20 19:56	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	102	%	15-130	1	04/07/20 20:16	04/13/20 19:56	877-09-8	
Decachlorobiphenyl (S)	122	%	10-130	1	04/07/20 20:16	04/13/20 19:56	2051-24-3	

Percent Moisture

Analytical Method: ASTM D2974-87

Pace Analytical Services - Charlotte

Percent Moisture	25.5	%	0.10	1	04/07/20 17:57			
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1447
Pace Project No.: 92472676

Sample: S-1 **Lab ID: 92472676001** Collected: 04/06/20 09:35 Received: 04/07/20 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Total Solids 2540 G-2011		Analytical Method: SM 2540G Preparation Method: SM 2540 G Pace National - Mt. Juliet						
Total Solids	85.0	%		1	04/10/20 19:37	04/10/20 20:06		

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ANALYTICAL RESULTS

Project: 1447
Pace Project No.: 92472676

Sample: S-2 **Lab ID: 92472676002** Collected: 04/06/20 09:43 Received: 04/07/20 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Chlorinated Herb. (GC) 8151								
Analytical Method: EPA 8151 Preparation Method: 8151A								
Pace National - Mt. Juliet								
2,4-D	ND	mg/kg	0.0826	1	04/10/20 20:36	04/12/20 12:56	94-75-7	
Dalapon	ND	mg/kg	0.0826	1	04/10/20 20:36	04/12/20 12:56	127-20-8	
2,4-DB	ND	mg/kg	0.0826	1	04/10/20 20:36	04/12/20 12:56	94-82-6	
Dicamba	ND	mg/kg	0.0826	1	04/10/20 20:36	04/12/20 12:56	1918-00-9	
Dichloroprop	ND	mg/kg	0.0826	1	04/10/20 20:36	04/12/20 12:56	15165-67-0	
Dinoseb	ND	mg/kg	0.0826	1	04/10/20 20:36	04/12/20 12:56	88-85-7	
MCPA	ND	mg/kg	7.67	1	04/10/20 20:36	04/12/20 12:56	94-74-6	L0
MCPP	ND	mg/kg	7.67	1	04/10/20 20:36	04/12/20 12:56	7085-19-0	L0
2,4,5-T	ND	mg/kg	0.0826	1	04/10/20 20:36	04/12/20 12:56	93-76-5	
2,4,5-TP (Silvex)	ND	mg/kg	0.0826	1	04/10/20 20:36	04/12/20 12:56	93-72-1	
Surrogates								
2,4-DCAA (S)	62.2	%	22.0-132	1	04/10/20 20:36	04/12/20 12:56	19719-28-9	

8081 GCS Pesticides

Analytical Method: EPA 8081B Preparation Method: EPA 3546

Pace Analytical Services - Charlotte

Aldrin	ND	ug/kg	2.4	1	04/07/20 20:16	04/13/20 20:39	309-00-2	
alpha-BHC	ND	ug/kg	2.4	1	04/07/20 20:16	04/13/20 20:39	319-84-6	
beta-BHC	ND	ug/kg	2.4	1	04/07/20 20:16	04/13/20 20:39	319-85-7	
delta-BHC	ND	ug/kg	2.4	1	04/07/20 20:16	04/13/20 20:39	319-86-8	
gamma-BHC (Lindane)	ND	ug/kg	2.4	1	04/07/20 20:16	04/13/20 20:39	58-89-9	
Chlordane (Technical)	ND	ug/kg	8.4	1	04/07/20 20:16	04/13/20 20:39	57-74-9	
4,4'-DDD	ND	ug/kg	2.4	1	04/07/20 20:16	04/13/20 20:39	72-54-8	
4,4'-DDE	ND	ug/kg	2.4	1	04/07/20 20:16	04/13/20 20:39	72-55-9	
4,4'-DDT	ND	ug/kg	2.4	1	04/07/20 20:16	04/13/20 20:39	50-29-3	
Dieldrin	ND	ug/kg	2.4	1	04/07/20 20:16	04/13/20 20:39	60-57-1	
Endosulfan I	ND	ug/kg	2.4	1	04/07/20 20:16	04/13/20 20:39	959-98-8	
Endosulfan II	ND	ug/kg	2.4	1	04/07/20 20:16	04/13/20 20:39	33213-65-9	
Endosulfan sulfate	ND	ug/kg	2.4	1	04/07/20 20:16	04/13/20 20:39	1031-07-8	
Endrin	ND	ug/kg	2.4	1	04/07/20 20:16	04/13/20 20:39	72-20-8	
Endrin aldehyde	ND	ug/kg	2.4	1	04/07/20 20:16	04/13/20 20:39	7421-93-4	
Endrin ketone	ND	ug/kg	2.4	1	04/07/20 20:16	04/13/20 20:39	53494-70-5	
Heptachlor	ND	ug/kg	2.4	1	04/07/20 20:16	04/13/20 20:39	76-44-8	
Heptachlor epoxide	ND	ug/kg	2.4	1	04/07/20 20:16	04/13/20 20:39	1024-57-3	
Hexachlorobenzene	ND	ug/kg	2.4	1	04/07/20 20:16	04/13/20 20:39	118-74-1	
Methoxychlor	ND	ug/kg	6.0	1	04/07/20 20:16	04/13/20 20:39	72-43-5	
Mirex	ND	ug/kg	6.0	1	04/07/20 20:16	04/13/20 20:39	2385-85-5	
Toxaphene	ND	ug/kg	8.4	1	04/07/20 20:16	04/13/20 20:39	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	95	%	15-130	1	04/07/20 20:16	04/13/20 20:39	877-09-8	
Decachlorobiphenyl (S)	111	%	10-130	1	04/07/20 20:16	04/13/20 20:39	2051-24-3	

Percent Moisture

Analytical Method: ASTM D2974-87

Pace Analytical Services - Charlotte

Percent Moisture	16.9	%	0.10	1	04/07/20 17:57			
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1447
Pace Project No.: 92472676

Sample: S-2 **Lab ID: 92472676002** Collected: 04/06/20 09:43 Received: 04/07/20 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Total Solids 2540 G-2011		Analytical Method: SM 2540G Preparation Method: SM 2540 G Pace National - Mt. Juliet						
Total Solids	84.7	%		1	04/10/20 19:37	04/10/20 20:06		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1447
Pace Project No.: 92472676

Sample: S-3 **Lab ID: 92472676003** Collected: 04/06/20 09:51 Received: 04/07/20 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Chlorinated Herb. (GC) 8151								
Analytical Method: EPA 8151 Preparation Method: 8151A								
Pace National - Mt. Juliet								
2,4-D	ND	mg/kg	0.0797	1	04/10/20 20:36	04/12/20 13:09	94-75-7	
Dalapon	ND	mg/kg	0.0797	1	04/10/20 20:36	04/12/20 13:09	127-20-8	
2,4-DB	ND	mg/kg	0.0797	1	04/10/20 20:36	04/12/20 13:09	94-82-6	
Dicamba	ND	mg/kg	0.0797	1	04/10/20 20:36	04/12/20 13:09	1918-00-9	
Dichloroprop	ND	mg/kg	0.0797	1	04/10/20 20:36	04/12/20 13:09	15165-67-0	
Dinoseb	ND	mg/kg	0.0797	1	04/10/20 20:36	04/12/20 13:09	88-85-7	
MCPA	ND	mg/kg	7.40	1	04/10/20 20:36	04/12/20 13:09	94-74-6	L0
MCPP	ND	mg/kg	7.40	1	04/10/20 20:36	04/12/20 13:09	7085-19-0	L0
2,4,5-T	ND	mg/kg	0.0797	1	04/10/20 20:36	04/12/20 13:09	93-76-5	
2,4,5-TP (Silvex)	ND	mg/kg	0.0797	1	04/10/20 20:36	04/12/20 13:09	93-72-1	
Surrogates								
2,4-DCAA (S)	64.0	%	22.0-132	1	04/10/20 20:36	04/12/20 13:09	19719-28-9	

8081 GCS Pesticides

Analytical Method: EPA 8081B Preparation Method: EPA 3546

Pace Analytical Services - Charlotte

Aldrin	ND	ug/kg	2.4	1	04/07/20 20:16	04/13/20 20:53	309-00-2	
alpha-BHC	ND	ug/kg	2.4	1	04/07/20 20:16	04/13/20 20:53	319-84-6	
beta-BHC	ND	ug/kg	2.4	1	04/07/20 20:16	04/13/20 20:53	319-85-7	
delta-BHC	ND	ug/kg	2.4	1	04/07/20 20:16	04/13/20 20:53	319-86-8	
gamma-BHC (Lindane)	ND	ug/kg	2.4	1	04/07/20 20:16	04/13/20 20:53	58-89-9	
Chlordane (Technical)	ND	ug/kg	8.4	1	04/07/20 20:16	04/13/20 20:53	57-74-9	
4,4'-DDD	ND	ug/kg	2.4	1	04/07/20 20:16	04/13/20 20:53	72-54-8	
4,4'-DDE	ND	ug/kg	2.4	1	04/07/20 20:16	04/13/20 20:53	72-55-9	
4,4'-DDT	ND	ug/kg	2.4	1	04/07/20 20:16	04/13/20 20:53	50-29-3	
Dieldrin	ND	ug/kg	2.4	1	04/07/20 20:16	04/13/20 20:53	60-57-1	
Endosulfan I	ND	ug/kg	2.4	1	04/07/20 20:16	04/13/20 20:53	959-98-8	
Endosulfan II	ND	ug/kg	2.4	1	04/07/20 20:16	04/13/20 20:53	33213-65-9	
Endosulfan sulfate	ND	ug/kg	2.4	1	04/07/20 20:16	04/13/20 20:53	1031-07-8	
Endrin	ND	ug/kg	2.4	1	04/07/20 20:16	04/13/20 20:53	72-20-8	
Endrin aldehyde	ND	ug/kg	2.4	1	04/07/20 20:16	04/13/20 20:53	7421-93-4	
Endrin ketone	ND	ug/kg	2.4	1	04/07/20 20:16	04/13/20 20:53	53494-70-5	
Heptachlor	ND	ug/kg	2.4	1	04/07/20 20:16	04/13/20 20:53	76-44-8	
Heptachlor epoxide	ND	ug/kg	2.4	1	04/07/20 20:16	04/13/20 20:53	1024-57-3	
Hexachlorobenzene	ND	ug/kg	2.4	1	04/07/20 20:16	04/13/20 20:53	118-74-1	
Methoxychlor	ND	ug/kg	6.0	1	04/07/20 20:16	04/13/20 20:53	72-43-5	
Mirex	ND	ug/kg	6.0	1	04/07/20 20:16	04/13/20 20:53	2385-85-5	
Toxaphene	ND	ug/kg	8.4	1	04/07/20 20:16	04/13/20 20:53	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	99	%	15-130	1	04/07/20 20:16	04/13/20 20:53	877-09-8	
Decachlorobiphenyl (S)	119	%	10-130	1	04/07/20 20:16	04/13/20 20:53	2051-24-3	

Percent Moisture

Analytical Method: ASTM D2974-87

Pace Analytical Services - Charlotte

Percent Moisture	17.5	%	0.10	1	04/07/20 17:57			
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REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1447
Pace Project No.: 92472676

Sample: S-3 **Lab ID: 92472676003** Collected: 04/06/20 09:51 Received: 04/07/20 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Total Solids 2540 G-2011		Analytical Method: SM 2540G Preparation Method: SM 2540 G Pace National - Mt. Juliet						
Total Solids	87.8	%		1	04/10/20 19:37	04/10/20 20:06		

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ANALYTICAL RESULTS

Project: 1447
Pace Project No.: 92472676

Sample: S-4 **Lab ID: 92472676004** Collected: 04/06/20 09:59 Received: 04/07/20 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Chlorinated Herb. (GC) 8151								
Analytical Method: EPA 8151 Preparation Method: 8151A								
Pace National - Mt. Juliet								
2,4-D	ND	mg/kg	0.0795	1	04/10/20 20:36	04/12/20 13:23	94-75-7	
Dalapon	ND	mg/kg	0.0795	1	04/10/20 20:36	04/12/20 13:23	127-20-8	
2,4-DB	ND	mg/kg	0.0795	1	04/10/20 20:36	04/12/20 13:23	94-82-6	
Dicamba	ND	mg/kg	0.0795	1	04/10/20 20:36	04/12/20 13:23	1918-00-9	
Dichloroprop	ND	mg/kg	0.0795	1	04/10/20 20:36	04/12/20 13:23	15165-67-0	
Dinoseb	ND	mg/kg	0.0795	1	04/10/20 20:36	04/12/20 13:23	88-85-7	
MCPA	ND	mg/kg	7.38	1	04/10/20 20:36	04/12/20 13:23	94-74-6	L0
MCPP	ND	mg/kg	7.38	1	04/10/20 20:36	04/12/20 13:23	7085-19-0	L0
2,4,5-T	ND	mg/kg	0.0795	1	04/10/20 20:36	04/12/20 13:23	93-76-5	
2,4,5-TP (Silvex)	ND	mg/kg	0.0795	1	04/10/20 20:36	04/12/20 13:23	93-72-1	
Surrogates								
2,4-DCAA (S)	70.5	%	22.0-132	1	04/10/20 20:36	04/12/20 13:23	19719-28-9	

8081 GCS Pesticides

Analytical Method: EPA 8081B Preparation Method: EPA 3546

Pace Analytical Services - Charlotte

Aldrin	ND	ug/kg	2.3	1	04/07/20 20:16	04/13/20 21:08	309-00-2	
alpha-BHC	ND	ug/kg	2.3	1	04/07/20 20:16	04/13/20 21:08	319-84-6	
beta-BHC	ND	ug/kg	2.3	1	04/07/20 20:16	04/13/20 21:08	319-85-7	
delta-BHC	ND	ug/kg	2.3	1	04/07/20 20:16	04/13/20 21:08	319-86-8	
gamma-BHC (Lindane)	ND	ug/kg	2.3	1	04/07/20 20:16	04/13/20 21:08	58-89-9	
Chlordane (Technical)	ND	ug/kg	8.1	1	04/07/20 20:16	04/13/20 21:08	57-74-9	
4,4'-DDD	ND	ug/kg	2.3	1	04/07/20 20:16	04/13/20 21:08	72-54-8	
4,4'-DDE	ND	ug/kg	2.3	1	04/07/20 20:16	04/13/20 21:08	72-55-9	
4,4'-DDT	ND	ug/kg	2.3	1	04/07/20 20:16	04/13/20 21:08	50-29-3	
Dieldrin	4.3	ug/kg	2.3	1	04/07/20 20:16	04/13/20 21:08	60-57-1	
Endosulfan I	ND	ug/kg	2.3	1	04/07/20 20:16	04/13/20 21:08	959-98-8	
Endosulfan II	ND	ug/kg	2.3	1	04/07/20 20:16	04/13/20 21:08	33213-65-9	
Endosulfan sulfate	ND	ug/kg	2.3	1	04/07/20 20:16	04/13/20 21:08	1031-07-8	
Endrin	ND	ug/kg	2.3	1	04/07/20 20:16	04/13/20 21:08	72-20-8	
Endrin aldehyde	ND	ug/kg	2.3	1	04/07/20 20:16	04/13/20 21:08	7421-93-4	
Endrin ketone	ND	ug/kg	2.3	1	04/07/20 20:16	04/13/20 21:08	53494-70-5	
Heptachlor	ND	ug/kg	2.3	1	04/07/20 20:16	04/13/20 21:08	76-44-8	
Heptachlor epoxide	ND	ug/kg	2.3	1	04/07/20 20:16	04/13/20 21:08	1024-57-3	
Hexachlorobenzene	ND	ug/kg	2.3	1	04/07/20 20:16	04/13/20 21:08	118-74-1	
Methoxychlor	ND	ug/kg	5.8	1	04/07/20 20:16	04/13/20 21:08	72-43-5	
Mirex	ND	ug/kg	5.8	1	04/07/20 20:16	04/13/20 21:08	2385-85-5	
Toxaphene	ND	ug/kg	8.1	1	04/07/20 20:16	04/13/20 21:08	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	79	%	15-130	1	04/07/20 20:16	04/13/20 21:08	877-09-8	
Decachlorobiphenyl (S)	87	%	10-130	1	04/07/20 20:16	04/13/20 21:08	2051-24-3	

Percent Moisture

Analytical Method: ASTM D2974-87

Pace Analytical Services - Charlotte

Percent Moisture	12.9	%	0.10	1	04/07/20 17:57			
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ANALYTICAL RESULTS

Project: 1447
Pace Project No.: 92472676

Sample: S-4 **Lab ID: 92472676004** Collected: 04/06/20 09:59 Received: 04/07/20 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Total Solids 2540 G-2011		Analytical Method: SM 2540G Preparation Method: SM 2540 G Pace National - Mt. Juliet						
Total Solids	88.1	%		1	04/10/20 19:37	04/10/20 20:06		

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ANALYTICAL RESULTS

Project: 1447
Pace Project No.: 92472676

Sample: S-5 **Lab ID: 92472676005** Collected: 04/06/20 10:07 Received: 04/07/20 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Chlorinated Herb. (GC) 8151								
Analytical Method: EPA 8151 Preparation Method: 8151A								
Pace National - Mt. Juliet								
2,4-D	ND	mg/kg	0.0810	1	04/10/20 20:36	04/12/20 13:37	94-75-7	
Dalapon	ND	mg/kg	0.0810	1	04/10/20 20:36	04/12/20 13:37	127-20-8	
2,4-DB	ND	mg/kg	0.0810	1	04/10/20 20:36	04/12/20 13:37	94-82-6	
Dicamba	ND	mg/kg	0.0810	1	04/10/20 20:36	04/12/20 13:37	1918-00-9	
Dichloroprop	ND	mg/kg	0.0810	1	04/10/20 20:36	04/12/20 13:37	15165-67-0	
Dinoseb	ND	mg/kg	0.0810	1	04/10/20 20:36	04/12/20 13:37	88-85-7	
MCPA	ND	mg/kg	7.52	1	04/10/20 20:36	04/12/20 13:37	94-74-6	L0
MCPP	ND	mg/kg	7.52	1	04/10/20 20:36	04/12/20 13:37	7085-19-0	L0
2,4,5-T	ND	mg/kg	0.0810	1	04/10/20 20:36	04/12/20 13:37	93-76-5	
2,4,5-TP (Silvex)	ND	mg/kg	0.0810	1	04/10/20 20:36	04/12/20 13:37	93-72-1	
Surrogates								
2,4-DCAA (S)	68.7	%	22.0-132	1	04/10/20 20:36	04/12/20 13:37	19719-28-9	

8081 GCS Pesticides

Analytical Method: EPA 8081B Preparation Method: EPA 3546

Pace Analytical Services - Charlotte

Aldrin	ND	ug/kg	2.6	1	04/07/20 20:16	04/13/20 21:22	309-00-2	
alpha-BHC	ND	ug/kg	2.6	1	04/07/20 20:16	04/13/20 21:22	319-84-6	
beta-BHC	ND	ug/kg	2.6	1	04/07/20 20:16	04/13/20 21:22	319-85-7	
delta-BHC	ND	ug/kg	2.6	1	04/07/20 20:16	04/13/20 21:22	319-86-8	
gamma-BHC (Lindane)	ND	ug/kg	2.6	1	04/07/20 20:16	04/13/20 21:22	58-89-9	
Chlordane (Technical)	ND	ug/kg	9.2	1	04/07/20 20:16	04/13/20 21:22	57-74-9	
4,4'-DDD	ND	ug/kg	2.6	1	04/07/20 20:16	04/13/20 21:22	72-54-8	
4,4'-DDE	ND	ug/kg	2.6	1	04/07/20 20:16	04/13/20 21:22	72-55-9	
4,4'-DDT	ND	ug/kg	2.6	1	04/07/20 20:16	04/13/20 21:22	50-29-3	
Dieldrin	ND	ug/kg	2.6	1	04/07/20 20:16	04/13/20 21:22	60-57-1	
Endosulfan I	ND	ug/kg	2.6	1	04/07/20 20:16	04/13/20 21:22	959-98-8	
Endosulfan II	ND	ug/kg	2.6	1	04/07/20 20:16	04/13/20 21:22	33213-65-9	
Endosulfan sulfate	ND	ug/kg	2.6	1	04/07/20 20:16	04/13/20 21:22	1031-07-8	
Endrin	ND	ug/kg	2.6	1	04/07/20 20:16	04/13/20 21:22	72-20-8	
Endrin aldehyde	ND	ug/kg	2.6	1	04/07/20 20:16	04/13/20 21:22	7421-93-4	
Endrin ketone	ND	ug/kg	2.6	1	04/07/20 20:16	04/13/20 21:22	53494-70-5	
Heptachlor	ND	ug/kg	2.6	1	04/07/20 20:16	04/13/20 21:22	76-44-8	
Heptachlor epoxide	ND	ug/kg	2.6	1	04/07/20 20:16	04/13/20 21:22	1024-57-3	
Hexachlorobenzene	ND	ug/kg	2.6	1	04/07/20 20:16	04/13/20 21:22	118-74-1	
Methoxychlor	ND	ug/kg	6.6	1	04/07/20 20:16	04/13/20 21:22	72-43-5	
Mirex	ND	ug/kg	6.6	1	04/07/20 20:16	04/13/20 21:22	2385-85-5	
Toxaphene	ND	ug/kg	9.2	1	04/07/20 20:16	04/13/20 21:22	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	102	%	15-130	1	04/07/20 20:16	04/13/20 21:22	877-09-8	
Decachlorobiphenyl (S)	106	%	10-130	1	04/07/20 20:16	04/13/20 21:22	2051-24-3	

Percent Moisture

Analytical Method: ASTM D2974-87

Pace Analytical Services - Charlotte

Percent Moisture	24.1	%	0.10	1	04/07/20 17:57			
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ANALYTICAL RESULTS

Project: 1447
Pace Project No.: 92472676

Sample: S-5 **Lab ID: 92472676005** Collected: 04/06/20 10:07 Received: 04/07/20 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Total Solids 2540 G-2011		Analytical Method: SM 2540G Preparation Method: SM 2540 G Pace National - Mt. Juliet						
Total Solids	86.4	%		1	04/10/20 19:37	04/10/20 20:06		

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ANALYTICAL RESULTS

Project: 1447
Pace Project No.: 92472676

Sample: S-6 **Lab ID: 92472676006** Collected: 04/06/20 10:18 Received: 04/07/20 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Chlorinated Herb. (GC) 8151								
Analytical Method: EPA 8151 Preparation Method: 8151A								
Pace National - Mt. Juliet								
2,4-D	ND	mg/kg	0.0824	1	04/10/20 20:36	04/12/20 13:51	94-75-7	
Dalapon	ND	mg/kg	0.0824	1	04/10/20 20:36	04/12/20 13:51	127-20-8	
2,4-DB	ND	mg/kg	0.0824	1	04/10/20 20:36	04/12/20 13:51	94-82-6	
Dicamba	ND	mg/kg	0.0824	1	04/10/20 20:36	04/12/20 13:51	1918-00-9	
Dichloroprop	ND	mg/kg	0.0824	1	04/10/20 20:36	04/12/20 13:51	15165-67-0	
Dinoseb	ND	mg/kg	0.0824	1	04/10/20 20:36	04/12/20 13:51	88-85-7	
MCPA	ND	mg/kg	7.65	1	04/10/20 20:36	04/12/20 13:51	94-74-6	L0,MH, R1
MCPP	ND	mg/kg	7.65	1	04/10/20 20:36	04/12/20 13:51	7085-19-0	L0,R1
2,4,5-T	ND	mg/kg	0.0824	1	04/10/20 20:36	04/12/20 13:51	93-76-5	
2,4,5-TP (Silvex)	ND	mg/kg	0.0824	1	04/10/20 20:36	04/12/20 13:51	93-72-1	
Surrogates								
2,4-DCAA (S)	66.1	%	22.0-132	1	04/10/20 20:36	04/12/20 13:51	19719-28-9	

8081 GCS Pesticides

Analytical Method: EPA 8081B Preparation Method: EPA 3546

Pace Analytical Services - Charlotte

Aldrin	ND	ug/kg	2.3	1	04/07/20 20:16	04/13/20 21:37	309-00-2	
alpha-BHC	ND	ug/kg	2.3	1	04/07/20 20:16	04/13/20 21:37	319-84-6	
beta-BHC	ND	ug/kg	2.3	1	04/07/20 20:16	04/13/20 21:37	319-85-7	
delta-BHC	ND	ug/kg	2.3	1	04/07/20 20:16	04/13/20 21:37	319-86-8	
gamma-BHC (Lindane)	ND	ug/kg	2.3	1	04/07/20 20:16	04/13/20 21:37	58-89-9	
Chlordane (Technical)	ND	ug/kg	8.0	1	04/07/20 20:16	04/13/20 21:37	57-74-9	
4,4'-DDD	ND	ug/kg	2.3	1	04/07/20 20:16	04/13/20 21:37	72-54-8	
4,4'-DDE	ND	ug/kg	2.3	1	04/07/20 20:16	04/13/20 21:37	72-55-9	
4,4'-DDT	ND	ug/kg	2.3	1	04/07/20 20:16	04/13/20 21:37	50-29-3	
Dieldrin	3.6	ug/kg	2.3	1	04/07/20 20:16	04/13/20 21:37	60-57-1	
Endosulfan I	ND	ug/kg	2.3	1	04/07/20 20:16	04/13/20 21:37	959-98-8	
Endosulfan II	ND	ug/kg	2.3	1	04/07/20 20:16	04/13/20 21:37	33213-65-9	
Endosulfan sulfate	ND	ug/kg	2.3	1	04/07/20 20:16	04/13/20 21:37	1031-07-8	
Endrin	ND	ug/kg	2.3	1	04/07/20 20:16	04/13/20 21:37	72-20-8	
Endrin aldehyde	ND	ug/kg	2.3	1	04/07/20 20:16	04/13/20 21:37	7421-93-4	
Endrin ketone	ND	ug/kg	2.3	1	04/07/20 20:16	04/13/20 21:37	53494-70-5	
Heptachlor	ND	ug/kg	2.3	1	04/07/20 20:16	04/13/20 21:37	76-44-8	
Heptachlor epoxide	ND	ug/kg	2.3	1	04/07/20 20:16	04/13/20 21:37	1024-57-3	
Hexachlorobenzene	ND	ug/kg	2.3	1	04/07/20 20:16	04/13/20 21:37	118-74-1	
Methoxychlor	ND	ug/kg	5.7	1	04/07/20 20:16	04/13/20 21:37	72-43-5	
Mirex	ND	ug/kg	5.7	1	04/07/20 20:16	04/13/20 21:37	2385-85-5	
Toxaphene	ND	ug/kg	8.0	1	04/07/20 20:16	04/13/20 21:37	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	62	%	15-130	1	04/07/20 20:16	04/13/20 21:37	877-09-8	
Decachlorobiphenyl (S)	86	%	10-130	1	04/07/20 20:16	04/13/20 21:37	2051-24-3	

Percent Moisture

Analytical Method: ASTM D2974-87

Pace Analytical Services - Charlotte

Percent Moisture	12.8	%	0.10	1	04/07/20 17:57			
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ANALYTICAL RESULTS

Project: 1447
Pace Project No.: 92472676

Sample: S-6 **Lab ID: 92472676006** Collected: 04/06/20 10:18 Received: 04/07/20 09:15 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Total Solids 2540 G-2011		Analytical Method: SM 2540G Preparation Method: SM 2540 G Pace National - Mt. Juliet						
Total Solids	85.0	%		1	04/10/20 19:37	04/10/20 20:06		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1447
Pace Project No.: 92472676

QC Batch: 1459030 Analysis Method: EPA 8151
QC Batch Method: 8151A Analysis Description: Chlorinated Herb. (GC) 8151
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92472676001, 92472676002, 92472676003, 92472676004, 92472676005, 92472676006

METHOD BLANK: R3517954-1 Matrix: Solid
Associated Lab Samples: 92472676001, 92472676002, 92472676003, 92472676004, 92472676005, 92472676006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2,4-D	mg/kg	ND	0.0700	04/12/20 09:17	
Dalapon	mg/kg	ND	0.0700	04/12/20 09:17	
2,4-DB	mg/kg	ND	0.0700	04/12/20 09:17	
Dicamba	mg/kg	ND	0.0700	04/12/20 09:17	
Dichloroprop	mg/kg	ND	0.0700	04/12/20 09:17	
Dinoseb	mg/kg	ND	0.0700	04/12/20 09:17	
MCPA	mg/kg	ND	6.50	04/12/20 09:17	
MCPP	mg/kg	ND	6.50	04/12/20 09:17	
2,4,5-T	mg/kg	ND	0.0700	04/12/20 09:17	
2,4,5-TP (Silvex)	mg/kg	ND	0.0700	04/12/20 09:17	
2,4-DCAA (S)	%	68.3	22.0-132	04/12/20 09:17	

LABORATORY CONTROL SAMPLE: R3517954-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-D	mg/kg	0.167	0.121	72.5	40.0-120	P9
Dalapon	mg/kg	0.167	0.128	76.6	15.0-120	P9
2,4-DB	mg/kg	0.167	0.120	71.9	25.0-143	P9
Dicamba	mg/kg	0.167	0.137	82.0	43.0-120	P9
Dichloroprop	mg/kg	0.167	0.128	76.6	32.0-129	P9
Dinoseb	mg/kg	0.167	0.0357	21.4	10.0-120	
MCPA	mg/kg	1.67	7.44	446	31.0-121	E,L0,P9
MCPP	mg/kg	1.67	2.26	135	28.0-133	L0
2,4,5-T	mg/kg	0.167	0.133	79.6	41.0-120	P9
2,4,5-TP (Silvex)	mg/kg	0.167	0.133	79.6	42.0-120	P9
2,4-DCAA (S)	%			68.9	22.0-132	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3517954-3 R3517954-4

Parameter	92472676006		MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.							
2,4-D	mg/kg	ND	0.197	0.197	0.139	0.132	70.7	67.1	10.0-160	5.22	P9
Dalapon	mg/kg	ND	0.197	0.197	0.168	0.157	85.6	79.6	10.0-121	7.25	P9
2,4-DB	mg/kg	ND	0.197	0.197	0.220	0.188	112	95.8	10.0-160	15.6	P9
Dicamba	mg/kg	ND	0.197	0.197	0.158	0.148	80.2	75.4	10.0-154	6.15	P9
Dichloroprop	mg/kg	ND	0.197	0.197	0.144	0.135	73.1	68.9	10.0-158	5.91	P9
Dinoseb	mg/kg	ND	0.197	0.197	0.0825	0.0838	42.0	42.6	10.0-120	1.56	P9

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QUALITY CONTROL DATA

Project: 1447
Pace Project No.: 92472676

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R3517954-3 R3517954-4											
Parameter	Units	92472676006 Result	MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
			Spike Conc.	Spike Conc.							
MCPA	mg/kg	ND	1.97	1.97	0.711	8.97	36.2	456	10.0-160	171	E,MH,P9, R1
MCP	mg/kg	ND	1.97	1.97	0.731	1.84	37.2	93.4	10.0-160	86.1	R1
2,4,5-T	mg/kg	ND	0.197	0.197	0.154	0.140	78.4	71.3	10.0-157	9.60	P9
2,4,5-TP (Silvex)	mg/kg	ND	0.197	0.197	0.142	0.135	72.5	68.9	10.0-156	5.08	P9
2,4-DCAA (S)	%						68.9	64.7	22.0-132		

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QUALITY CONTROL DATA

Project: 1447
Pace Project No.: 92472676

QC Batch: 534919 Analysis Method: EPA 8081B
QC Batch Method: EPA 3546 Analysis Description: 8081 GCS Pesticides
Laboratory: Pace Analytical Services - Charlotte

Associated Lab Samples: 92472676001, 92472676002, 92472676003, 92472676004, 92472676005, 92472676006

METHOD BLANK: 2854583 Matrix: Solid
Associated Lab Samples: 92472676001, 92472676002, 92472676003, 92472676004, 92472676005, 92472676006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
4,4'-DDD	ug/kg	ND	2.0	04/13/20 21:51	
4,4'-DDE	ug/kg	ND	2.0	04/13/20 21:51	
4,4'-DDT	ug/kg	ND	2.0	04/13/20 21:51	
Aldrin	ug/kg	ND	2.0	04/13/20 21:51	
alpha-BHC	ug/kg	ND	2.0	04/13/20 21:51	
beta-BHC	ug/kg	ND	2.0	04/13/20 21:51	
Chlordane (Technical)	ug/kg	ND	6.9	04/13/20 21:51	
delta-BHC	ug/kg	ND	2.0	04/13/20 21:51	
Dieldrin	ug/kg	ND	2.0	04/13/20 21:51	
Endosulfan I	ug/kg	ND	2.0	04/13/20 21:51	
Endosulfan II	ug/kg	ND	2.0	04/13/20 21:51	
Endosulfan sulfate	ug/kg	ND	2.0	04/13/20 21:51	
Endrin	ug/kg	ND	2.0	04/13/20 21:51	
Endrin aldehyde	ug/kg	ND	2.0	04/13/20 21:51	
Endrin ketone	ug/kg	ND	2.0	04/13/20 21:51	
gamma-BHC (Lindane)	ug/kg	ND	2.0	04/13/20 21:51	
Heptachlor	ug/kg	ND	2.0	04/13/20 21:51	
Heptachlor epoxide	ug/kg	ND	2.0	04/13/20 21:51	
Hexachlorobenzene	ug/kg	ND	2.0	04/13/20 21:51	
Methoxychlor	ug/kg	ND	5.0	04/13/20 21:51	
Mirex	ug/kg	ND	5.0	04/13/20 21:51	
Toxaphene	ug/kg	ND	6.9	04/13/20 21:51	
Decachlorobiphenyl (S)	%	106	10-130	04/13/20 21:51	
Tetrachloro-m-xylene (S)	%	93	15-130	04/13/20 21:51	

LABORATORY CONTROL SAMPLE: 2854584

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4,4'-DDD	ug/kg	8.4	9.8	116	65-130	
4,4'-DDE	ug/kg	8.4	9.0	106	62-130	
4,4'-DDT	ug/kg	8.4	9.2	109	46-130	
Aldrin	ug/kg	8.4	8.5	101	46-130	
alpha-BHC	ug/kg	8.4	8.8	104	41-130	
beta-BHC	ug/kg	8.4	9.1	108	45-130	
delta-BHC	ug/kg	8.4	9.0	107	59-130	
Dieldrin	ug/kg	8.4	9.2	109	59-130	
Endosulfan I	ug/kg	8.4	9.0	107	60-130	
Endosulfan II	ug/kg	8.4	9.4	111	64-130	
Endosulfan sulfate	ug/kg	8.4	8.7	104	67-130	

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QUALITY CONTROL DATA

Project: 1447
Pace Project No.: 92472676

LABORATORY CONTROL SAMPLE: 2854584

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Endrin	ug/kg	8.4	9.3	111	62-130	
Endrin aldehyde	ug/kg	8.4	8.5	101	52-130	
Endrin ketone	ug/kg	8.4	10.7	127	57-130	
gamma-BHC (Lindane)	ug/kg	8.4	8.8	105	47-130	
Heptachlor	ug/kg	8.4	8.4	100	48-130	
Heptachlor epoxide	ug/kg	8.4	8.7	104	56-130	
Hexachlorobenzene	ug/kg	8.4	8.1	96	40-130	
Methoxychlor	ug/kg	25.3	27.5	109	62-130	
Mirex	ug/kg	25.3	27.5	109	70-130	
Decachlorobiphenyl (S)	%			108	10-130	
Tetrachloro-m-xylene (S)	%			94	15-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2854585 2854586

Parameter	92472676001		MS	MSD	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
	Units	Result	Spike Conc.	Spike Conc.							
4,4'-DDD	ug/kg	ND	11.1	11	16.7	16.3	149	148	36-130	3	M1
4,4'-DDE	ug/kg	ND	11.1	11	15.8	15.4	141	140	26-131	3	M1
4,4'-DDT	ug/kg	ND	11.1	11	17.1	16.4	153	149	32-131	4	M1
Aldrin	ug/kg	ND	11.1	11	13.6	13.2	122	120	28-130	3	
alpha-BHC	ug/kg	ND	11.1	11	13.6	13.4	122	122	10-123	1	
beta-BHC	ug/kg	ND	11.1	11	14.7	14.6	131	132	25-130	1	M1
delta-BHC	ug/kg	ND	11.1	11	14.7	14.6	132	133	28-130	1	M1
Dieldrin	ug/kg	ND	11.1	11	16.0	15.4	143	140	29-130	4	M1
Endosulfan I	ug/kg	ND	11.1	11	15.0	14.6	134	132	31-130	3	M1
Endosulfan II	ug/kg	ND	11.1	11	16.0	15.6	143	142	18-141	2	M1
Endosulfan sulfate	ug/kg	ND	11.1	11	15.0	14.0	134	128	40-130	7	M1
Endrin	ug/kg	ND	11.1	11	16.4	15.8	146	144	19-147	3	
Endrin aldehyde	ug/kg	ND	11.1	11	14.8	14.1	132	128	25-130	5	M1
Endrin ketone	ug/kg	ND	11.1	11	18.2	17.3	163	157	27-134	5	M1
gamma-BHC (Lindane)	ug/kg	ND	11.1	11	13.8	13.6	124	123	30-130	2	
Heptachlor	ug/kg	ND	11.1	11	13.3	13.0	119	118	33-130	3	
Heptachlor epoxide	ug/kg	ND	11.1	11	14.1	13.8	126	125	33-130	2	
Hexachlorobenzene	ug/kg	ND	11.1	11	12.8	12.4	114	113	10-147	3	
Methoxychlor	ug/kg	ND	33.5	33	51.3	48.6	153	147	26-133	5	M1
Mirex	ug/kg	ND	33.5	33	48.4	46.5	144	141	26-125	4	M1
Decachlorobiphenyl (S)	%						129	132	10-130		S0
Tetrachloro-m-xylene (S)	%						110	113	15-130		

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QUALITY CONTROL DATA

Project: 1447
Pace Project No.: 92472676

QC Batch:	534906	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
		Laboratory:	Pace Analytical Services - Charlotte

Associated Lab Samples: 92472676001, 92472676002, 92472676003, 92472676004, 92472676005, 92472676006

SAMPLE DUPLICATE: 2854530

Parameter	Units	92472527001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	24.8	24.7	0	

SAMPLE DUPLICATE: 2854531

Parameter	Units	92472669005 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	11.3	10.9	3	

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QUALITY CONTROL DATA

Project: 1447
Pace Project No.: 92472676

QC Batch:	1458813	Analysis Method:	SM 2540G
QC Batch Method:	SM 2540 G	Analysis Description:	Total Solids 2540 G-2011
		Laboratory:	Pace National - Mt. Juliet

Associated Lab Samples: 92472676001, 92472676002, 92472676003, 92472676004, 92472676005, 92472676006

METHOD BLANK: R3518101-1 Matrix: Solid
Associated Lab Samples: 92472676001, 92472676002, 92472676003, 92472676004, 92472676005, 92472676006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Solids	%	0.00400		04/10/20 20:06	

LABORATORY CONTROL SAMPLE: R3518101-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Solids	%	50.0	50.0	100	85.0-115	

SAMPLE DUPLICATE: R3518101-3

Parameter	Units	92472676001 Result	Dup Result	RPD	Qualifiers
Total Solids	%	85.0	84.7	0.371	

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QUALIFIERS

Project: 1447
Pace Project No.: 92472676

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

E	Analyte concentration exceeded the calibration range. The reported result is estimated.
L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
MH	Matrix spike recovery and/or matrix spike duplicate recovery was above laboratory control limits. Result may be biased high.
P9	RPD between the primary and confirmatory analysis exceeded 40%.
R1	RPD value was outside control limits.
S0	Surrogate recovery outside laboratory control limits.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1447
Pace Project No.: 92472676

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92472676001	S-1	8151A	1459030	EPA 8151	1459030
92472676002	S-2	8151A	1459030	EPA 8151	1459030
92472676003	S-3	8151A	1459030	EPA 8151	1459030
92472676004	S-4	8151A	1459030	EPA 8151	1459030
92472676005	S-5	8151A	1459030	EPA 8151	1459030
92472676006	S-6	8151A	1459030	EPA 8151	1459030
92472676001	S-1	EPA 3546	534919	EPA 8081B	535061
92472676002	S-2	EPA 3546	534919	EPA 8081B	535061
92472676003	S-3	EPA 3546	534919	EPA 8081B	535061
92472676004	S-4	EPA 3546	534919	EPA 8081B	535061
92472676005	S-5	EPA 3546	534919	EPA 8081B	535061
92472676006	S-6	EPA 3546	534919	EPA 8081B	535061
92472676001	S-1	ASTM D2974-87	534906		
92472676002	S-2	ASTM D2974-87	534906		
92472676003	S-3	ASTM D2974-87	534906		
92472676004	S-4	ASTM D2974-87	534906		
92472676005	S-5	ASTM D2974-87	534906		
92472676006	S-6	ASTM D2974-87	534906		
92472676001	S-1	SM 2540 G	1458813	SM 2540G	1458813
92472676002	S-2	SM 2540 G	1458813	SM 2540G	1458813
92472676003	S-3	SM 2540 G	1458813	SM 2540G	1458813
92472676004	S-4	SM 2540 G	1458813	SM 2540G	1458813
92472676005	S-5	SM 2540 G	1458813	SM 2540G	1458813
92472676006	S-6	SM 2540 G	1458813	SM 2540G	1458813

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WO# : 92472676



ALL S 92472676

LAB PROJECT INFORMATION

Container Preservative Type

** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact ☒ Y ☒ N NA
 Custody Signatures Present ☒ Y ☒ N NA
 Collector Signatures Present ☒ Y ☒ N NA
 Bottles Intact ☒ Y ☒ N NA
 Correct Bottles ☒ Y ☒ N NA
 Sufficient Volume ☒ Y ☒ N NA
 Samples Received on Ice ☒ Y ☒ N NA
 VOA - Headspace Acceptable ☒ Y ☒ N NA
 USDA Regulated Soils ☒ Y ☒ N NA
 Samples in Holding Time ☒ Y ☒ N NA
 Residual Chlorine Present ☒ Y ☒ N NA
 Cl Strips: ☒ Y ☒ N NA
 Sample pH Acceptable ☒ Y ☒ N NA
 pH Strips: ☒ Y ☒ N NA
 Sulfide Present ☒ Y ☒ N NA
 Lead Acetate Strips: ☒ Y ☒ N NA

LAB USE ONLY:
 Lab Sample # / Comments:

92472676
 001
 002
 003
 004
 005
 006

Lab Sample Temperature Info:

Temp Blank Received: ☒ Y ☒ N NA
 Therm ID#: 1892106
 Cooler 1 Temp Upon Receipt: 17.4 °C
 Cooler 1 Therm Corr. Factor: +1.1 °C
 Cooler 1 Corrected Temp: 16.3 °C
 Comments:

Trip Blank Received: ☒ Y ☒ N NA
 HCL MeOH TSP Other

Non Conformance(s):
 YES / NO
 Page:
 of:

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT
 Complete all relevant fields

Billing Information:

Company: Atlantic Horches Environmental Services
 Address: 175-1 VENTURE DRIVE, BELLEVILLE NC
 Report To: BORDON D33B5
 Email To: BORDON@ATLANTICHORCHES.COM
 Site Collection Info/ Address:
 State: County/City: Time Zone Collected: NC 10/20/2016 PT [] MT [] CT [] ET []
 Customer Project Name/Number: 1447
 Phone: 910-371-5980
 Email: BORDON@ATLANTICHORCHES.COM
 Collected By (print): BORDON D33B5
 Purchase Order #: 5241
 Turnaround Date Required: 5/24/16
 Rush: [] Same Day [] 2 Day [] 3 Day [] 4 Day [] 5 Day [] Next Day (Expedite Charges Apply)
 Sample Disposal: [] Dispose as appropriate [] Return [] Archive: [] Hold:

Customer Sample ID Matrix * Comp / Grab Collected (or Composite Start) Date Time
 S-1 G 4-6-20 9:35
 S-2 G 4-6-20 9:40
 S-3 G 4-6-20 9:51
 S-4 G 4-6-20 9:59
 S-5 G 4-6-20 10:07
 S-6 G 4-6-20 10:18

Customer Remarks / Special Conditions / Possible Hazards:

Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Vapor (V), Other (OT)

Customer Sample ID Matrix * Comp / Grab Collected (or Composite Start) Date Time
 S-1 G 4-6-20 9:35
 S-2 G 4-6-20 9:40
 S-3 G 4-6-20 9:51
 S-4 G 4-6-20 9:59
 S-5 G 4-6-20 10:07
 S-6 G 4-6-20 10:18

Customer Sample ID Matrix * Comp / Grab Collected (or Composite Start) Date Time
 S-1 G 4-6-20 9:35
 S-2 G 4-6-20 9:40
 S-3 G 4-6-20 9:51
 S-4 G 4-6-20 9:59
 S-5 G 4-6-20 10:07
 S-6 G 4-6-20 10:18

Customer Sample ID Matrix * Comp / Grab Collected (or Composite Start) Date Time
 S-1 G 4-6-20 9:35
 S-2 G 4-6-20 9:40
 S-3 G 4-6-20 9:51
 S-4 G 4-6-20 9:59
 S-5 G 4-6-20 10:07
 S-6 G 4-6-20 10:18

Customer Sample ID Matrix * Comp / Grab Collected (or Composite Start) Date Time
 S-1 G 4-6-20 9:35
 S-2 G 4-6-20 9:40
 S-3 G 4-6-20 9:51
 S-4 G 4-6-20 9:59
 S-5 G 4-6-20 10:07
 S-6 G 4-6-20 10:18

Customer Sample ID Matrix * Comp / Grab Collected (or Composite Start) Date Time
 S-1 G 4-6-20 9:35
 S-2 G 4-6-20 9:40
 S-3 G 4-6-20 9:51
 S-4 G 4-6-20 9:59
 S-5 G 4-6-20 10:07
 S-6 G 4-6-20 10:18

Customer Sample ID Matrix * Comp / Grab Collected (or Composite Start) Date Time
 S-1 G 4-6-20 9:35
 S-2 G 4-6-20 9:40
 S-3 G 4-6-20 9:51
 S-4 G 4-6-20 9:59
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 S-6 G 4-6-20 10:18

SHORT HOLDS PRESENT (<72 hours): ☒ Y ☒ N N/A

Lab Tracking #: 2416831

Samples received via: FEDEX UPS Client Courier Pace Courier

Date/Time: 4-6-20/1605

Date/Time: 4-7-20

Date/Time: 4-7-20

Date/Time: 4-7-20

Type of Ice Used:

Packing Material Used:

Radchem sample(s) screened (<500 cpm):

Date/Time: 4-6-20

Date/Time: 4-6-20

Date/Time: 4-6-20

Date/Time: 4-6-20

Customer Remarks / Special Conditions / Possible Hazards:

Customer Sample ID Matrix * Comp / Grab Collected (or Composite Start) Date Time
 S-1 G 4-6-20 9:35
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 S-6 G 4-6-20 10:18

*Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

**Bottom half of box is to list number of bottle

Project #

WO# : 92472676

PM: PTE

Due Date: 04/14/20

CLIENT: 92-ATL SHORE

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2SO3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOAK (6 vials per kit)-5035 kit (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	V5GU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)	
1									2																				
2									2																				
3									2																				
4									2																				
5									2																				
6									2																				
7									2																				
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, Incorrect preservative, out of temp, Incorrect containers.

APPENDIX IV

HISTORICAL DOCUMENTS

PAR ID			OWNER NAME	DATE	DEED BOOK	PAGE
005050			B & H ASSOCIATES INC	16-OCT-02	1912	902
MAP	PARCEL		EAST POINT HOMES, LLC	3/8/2018	4747	545
332-88						
ORTHO						
435612						
TOWNSHIP						
JACKSONVILLE						
SPLIT FROM						

PROPERTY ADDRESS	BLUE CREEK SCHOOL RD
------------------	----------------------

ORIGINAL DEEDED ACREAGE		DATE	MB.	PG.	SUBDIVISON NAME	SECTION	PHASE	BLOCK	UNIT	LOT
ORIGINAL CALCULATED AC.		6/7/2011	62	064	B & H ASSOCIATES					TR 2
LESS & EXCEPT										
REMAINING AC.	26.5									

SPLITS, CONSOLIDATIONS, ACREAGE ADJUSTED		REFERENCE		ACREAGE	SPLITS, CONSOLIDATIONS, AC, ADJUSTED CONTINUED		REFERENCE		ACREAGE
	D.B.		SPLIT			D.B.		SPLIT	
	PG.		REMAINS			PG.		REMAINS	
	D.B.		SPLIT			D.B.		SPLIT	
	PG.		REMAINS			PG.		REMAINS	
	D.B.		SPLIT			D.B.		SPLIT	
	PG.		REMAINS			PG.		REMAINS	

REMARKS:
lasworld created

Type: CONSOLIDATED REAL PROPERTY
Recorded: 3/8/2018 3:13:14 PM
Fee Amt: \$896.00 Page 1 of 3
Revenue Tax: \$870.00 — \$435,000.00
Onslow County, NC
Rebecca L. Pollard Reg. of Deeds

BK 4747 PG 545 - 547

332-88

NORTH CAROLINA GENERAL WARRANTY DEED

Excise Tax: 870.00

Parcel Identifier No. 005050

____ If checked, this property is a conveyance of the primary residence of the Grantor pursuant to NCGS § 105-317.2
This instrument was prepared by: Donald G. Walton, Attorney at Law 722 New Bridge St., Jacksonville, NC 28540

THIS DEED, dated March 2, 2018, by and between

GRANTOR

**B&H Associates, Inc.,
A North Carolina Corporation**

Mailing Address:

4000 Gum Branch Rd
Jacksonville, NC 28540

GRANTEE

**East Point Homes, LLC
A North Carolina Limited Liability Company**

Mailing Address:

166 Center Street
Jacksonville, NC 28540

The designation Grantor and Grantee as used herein shall include said parties, their heirs, successors, and assigns, and shall include singular, plural, masculine, feminine or neuter as required by context.

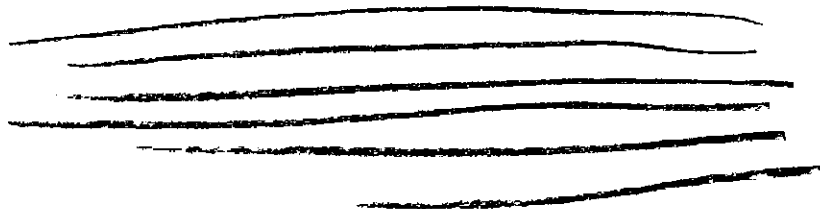
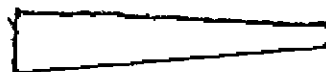
WITNESSETH, that the Grantor, for valuable consideration paid by the Grantee, the receipt of which is hereby acknowledged, has and by these presents does grant, bargain, sell and convey unto the Grantees in fee simple, all that certain lot or parcel of land situated in the City of, Jacksonville Township, Onslow County, North Carolina, and more particularly described as follows:

Being all of that 26.5 acre tract or parcel of land, as shown on that Recombination Map, Individual Tracts on Blue Creek School Road, Jacksonville Twp., Onslow Co., North Carolina as the same is recorded in Map Book 62 Page 64 of the Onslow County Registry.

Property being conveyed subject to all easements and rights of way as shown on the above referenced plat.

submitted electronically by "Donald G. Walton, Jr. Atty"
in compliance with North Carolina statutes governing recordable documents
and the terms of the submitter agreement with the Onslow County Register of Deeds.

5.2.5
5.2.5
5.2.5



ONSLow COUNTY
17

10/16/2002

2002 OCT 16 PM 4:16

\$240.00

Real Estate
Excise Tax

NORTH CAROLINA GENERAL WARRANTY DEED

Excise Tax: \$240.00

Parcel Identifier No. 332-88 Verified by _____ County on the _____ day of _____, 20____
By: _____Mail/Box to: 4000 Gum Branch Rd., Jacksonville, NC 28546This instrument was prepared by: Harold L. Waters, Attorney, PO Box 778, Jacksonville, NC 28541Brief description for the Index: _____ 938.2000THIS DEED made this 16th day of October, 2002, by and between

GRANTOR

NED A. COTTLE
AND WIFE,
JANET COTTLETHIS DOCUMENT PRESENTED TO
THE ONSLOW COUNTY TAX OFFICE
DATE 10/16/02 CLERK ROM

GRANTEE

B & H ASSOCIATES, INC.

The designation Grantor and Grantee as used herein shall include said parties, their heirs, successors, and assigns, and shall include singular, plural, masculine, feminine or neuter as required by context.

WITNESSETH, that the Grantor, for a valuable consideration paid by the Grantee, the receipt of which is hereby acknowledged, has and by these presents does grant, bargain, sell and convey unto the Grantee in fee simple, all that certain lot or parcel of land situated in the City of _____, Jacksonville Township, _____ Onslow County, North Carolina and more particularly described as follows:

Being all of that tract containing 26.84 acres, as shown on that plat prepared by Gairy Canady Land Surveying, recorded in Map Book 43, Page 157, Slide K-1584, Onslow County Registry.

The property hereinabove described was acquired by Grantor by instrument recorded in Book _____ page _____.

A map showing the above described property is recorded in Plat Book 43 page 157.

I, GARY L. CANADY, CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION (DEED DESCRIPTION RECORDED IN BOOK 466 PAGE 271); THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN FROM INFORMATION AS NOTED; THAT THE RATIO OF PRECISION AS CALCULATED IS 1:10,000+; THAT THIS SURVEY IS OF AN EXISTING PARCEL OF LAND IN A COUNTY THAT HAS AN ORDINANCE THAT REGULATES PARCELS OF LAND AND THAT THIS MAP WAS PREPARED IN ACCORDANCE WITH GS 47-30 AS AMENDED. WITNESS MY ORIGINAL SIGNATURE AND SEAL ON THIS DAY OF SEPTEMBER 2002.



NORTH CAROLINA, ONSLOW COUNTY
Sandra Gurganus REVIEW OFFICER OF Onslow COUNTY, CERTIFY THAT THE MAP OR PLAT THIS CERTIFICATION IS AFFIXED MEETS ALL STATUTORY REQUIREMENTS FOR RECORDING.

Salvatore L. 10-14-02
REVIEW OFFICER DATE

THIS PROPERTY IS NOT SUBJECT TO THE ONSLOW COUNTY SUBDIVISION REGULATIONS AND IS AN EXEMPTION PER SENATE BILL 764, ADOPTED 10/1/91.

Angela S. Mammery 10/14/02
ONSLOW COUNTY SUBDIVISION ADMINISTRATOR DATE

NORTH CAROLINA ONSLOW COUNTY, NC

FILED FOR REGISTRATION AT 9:43 A.M. 14 DAY OF October 2002
RECORDED IN MAP BOOK 43 PAGE 157 SLIDE K-1584

Michael M. Rhomas
REGISTER OF DEEDS

BOUNDARY SURVEY FOR:

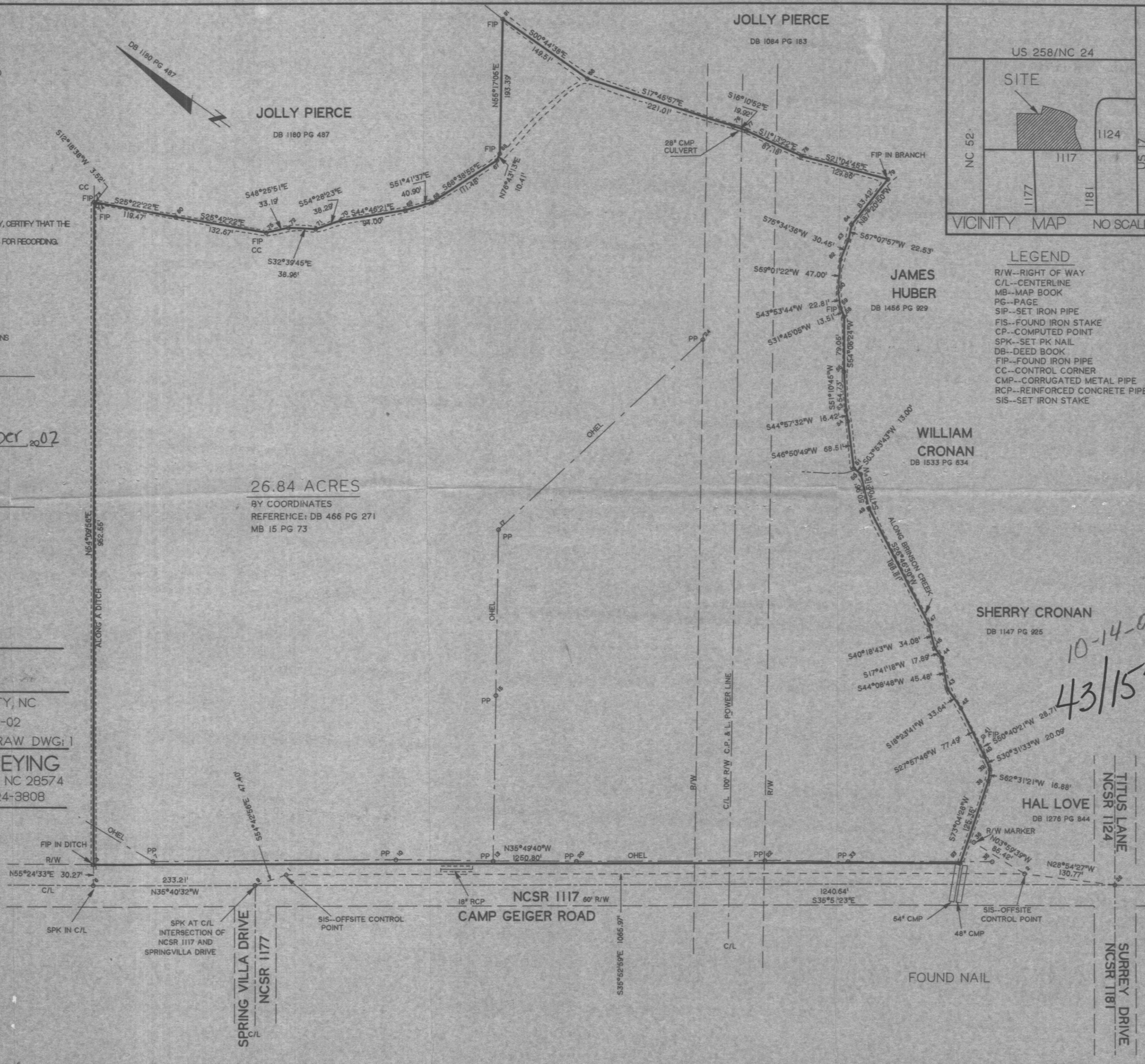
DANNY BAYSDEN

JACKSONVILLE TOWNSHIP ONSLOW COUNTY, NC
SCALE 1"=100'
FB 121 PG 28 CADFILE: BDNSTRAW.DWG: 1

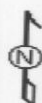
GARY CANADY LAND SURVEYING
2756 KINSTON HIGHWAY RICHLANDS, NC 28574
910-324-4616 FAX 910-324-3808

100' 50' 0 100' 200'

GRAPHIC SCALE



County: ONSLOW 1" = 100 ft
Deed: PLAT Area: 26.841 acre
Page: 43/167 Closing Distance = 0.01 ft
Tract: Closing Error = 0.00 %
User: TERESA Perimeter = 5212.65 ft



CALLS		BEARING	DISTANCE
1	2	NW 35 49 40	1250.80
2	3	SW 55 24 33	30.27
3	4	SE 35 40 32	233.21
4	5	NW 35 40 32	233.21
5	6	NE 55 24 33	30.27
6	7	NE 54 9 56	982.55
7	8	SE 25 22 22	119.47
8	9	SE 25 42 22	132.67
9	10	SE 48 25 51	33.19
10	11	SE 32 39 45	38.96
11	12	SE 54 28 23	38.29
12	13	SE 44 46 21	94.00
13	14	SE 51 41 37	40.90
14	15	SE 68 38 55	111.48
15	16	NE 76 43 13	10.41
16	17	NE 55 17 5	183.39
17	18	SE 0 44 38	149.51
18	19	SE 17 45 57	221.01
19	20	SE 16 10 52	19.92
20	21	SE 11 13 22	87.18
21	22	SE 21 4 45	129.86
22	23	NW 87 20 50	83.42
23	24	SW 67 7 57	22.53
24	25	SW 75 34 36	30.45
25	26	SW 59 1 22	47.00
26	27	SW 43 53 44	22.81
27	28	SW 31 45 5	13.51
28	29	SW 54 6 24	79.05
29	30	SW 51 10 45	54.73
30	31	SW 44 67 32	16.42
31	32	SW 46 50 48	68.51
32	33	SW 3 53 43	13.00
33	34	SW 41 2 15	50.96
34	35	SW 26 46 30	188.81
35	36	SW 40 18 43	34.08
36	37	SW 17 41 18	17.59
37	38	SW 44 8 48	45.48
38	39	SW 18 23 41	33.64
39	40	SW 27 57 46	77.49
40	41	SW 30 31 33	20.09
41	42	SW 62 31 21	16.88
42	43	SW 73 4 28	125.35

2458364.75
3671181.68

26.841 acre

NORTH CAROLINA

ONslow

COUNTY

TAX LOT NO. 332-88

I. D. NO.

DATE 4-15 1987

STATE HIGHWAY PROJECT

CRAWFORD COLLINS

F. A. PROJECT

N/A

PARCEL

3-A

THIS FEE SIMPLE DEED, made and entered into this the 9 day of February, 1987,
by and between Ned Cattle and wife Joyce P. Cattle

hereinafter referred to as the GRANTORS, and the Department of Transportation, an agency of the State of North Carolina, hereinafter referred to as the DEPARTMENT:

W I T N E S S E T H:

That the GRANTORS, for themselves, their heirs, successors, and assigns, for and in consideration of the sum of \$ 200.00 agreed to be paid by the DEPARTMENT TO THE GRANTORS, do hereby give, grant and convey unto the DEPARTMENT, its successors and assigns, in FEE SIMPLE the right of way located in Jacksonville Township, Onslow County, North Carolina, which is particularly described as follows:

BEGINNING at a point on the proposed northeastern right of way boundary of Survey Line L, said point lying 60 feet northeast of and normal to Survey Station 34+55, Survey Line L; thence in a southeasterly direction in a straight line to the point of intersection with a southeastern property line of the undersigned, said point of intersection located 60 feet northeasterly of and normal to Survey Line L; thence in a southwesterly direction along the said southeastern property line of the undersigned to the point of intersection with the existing 30-foot northeastern right of way boundary of SR 1117; thence in a northwesterly direction along the existing 30-foot northeastern right of way boundary of SR 1117, 30 feet northeast of and parallel with Survey Line L, to a point lying 30 feet northeast of and normal to Survey Station 34+50, Survey Line L; thence in a northeasterly direction in a straight line to the point of beginning.

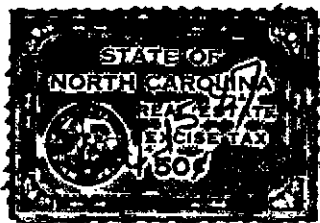
The property hereinabove described was acquired by the GRANTORS by instrument(s) recorded in the

Onslow County Registry in Deed Book 466, Page 271

The final right of way plans showing the above-described right of way are to be certified and recorded in the Office of the Register of Deeds for said County pursuant to N.C.G.S. 136-19.4, reference to which plans is hereby made for purposes of further description.

This deed is subject to the following provisions only:

STAMPS:
\$.50¢



WARRANTY DEED

Printed and for sale by Enterprise Office Outfitters, Wallace, N. C. - 224. 000

Prepared by: GRAHAM A. PHILLIPS, JR., ATTORNEY AT LAW, WALLACE, N. C.NORTH CAROLINA, DUPLIN County.THIS DEED, Made This 24th day of SEPTEMBER, A.D. 1975,by NED A. COTTLEof DUPLIN County and State of NORTH CAROLINAof the first part, to NED A. COTTLE AND WIFE, JOYCE P. COTTLEof DUPLIN County and State of NORTH CAROLINA

of the second part:

WITNESSETH, That said PARTY OF THE FIRST PART

in consideration of

TEN (\$10.00) DOLLARS AND OTHER GOOD AND VALUABLE CONSIDERATIONSto HIM paid by PARTIES OF THE SECOND PART

the receipt of which is hereby acknowledged, has bargained and sold, and by these presents do hereby

grant, bargain, sell and convey to said PARTIES OF THE SECOND PARTheirs and assigns, a certain tract or parcel of land in JACKSONVILLE Township,ONSLOW County, State of NORTH CAROLINA, adjoining the lands

of

and others and bounded as follows, viz:

BEGINNING AT an old Mulberry Tree in Rinson's Creek, formerly called Smith's Creek, and running thence South 57 degrees West 110 poles to the old John W. Aman corner; thence North 44 degrees West 110 poles to the old J. W. Ketchum corner; thence with the old Ketchum line North 44 degrees East 100 poles to an old black gum; thence South 48 degrees East 134 poles to a sweet gum near the beginning corner designated by a mulberry tree; thence South 57 degrees West 6 poles to the point of beginning. Being 80 acres, more or less, as originally designated in Deed Book 34, Page 314, of the Onslow County Registry to which reference is hereby made for a more perfect and accurate description.

EXCEPTING, HOWEVER, from the foregoing parcel of land those certain parcels thereof designated as follows:

1. A certain right of way to Carolina Power and Light Company as designated in Deed Book 194, Page 248, Onslow County Registry.
2. That certain 5.2 acre parcel of land heretofore sold to Lawrence M. Berger, designated as follows:

BEGINNING at an iron stake in a ditch in the A.M.C. Ketchum line, said iron stake being located North 50 degrees 30 minutes East 983.1 feet from a cap and nail in the centerline of N. C. SR #1117, said cap and nail being located 1213.7 feet from the centerline of N. C. Highway #53 when measured along the centerline of N. C. SR #1117 in a southeastwardly direction, thence from said point of beginning and with the A.M.C. Ketchum line North 50 degrees 30 minutes East 454.1 feet to an iron stake; thence South 23 degrees 30 minutes East 618 feet to an iron stake in a ditch, thence

NORTH CAROLINA
WILSON COUNTY

BOOK 1116 PAGE 193

I, Bessie S. Rose, a Notary Public in and for the County of Wilson and State of North Carolina, do hereby certify that Edward L. Duke, husband of Mildred R. Courie Duke, this day personally appeared before me and acknowledged the due execution of the foregoing and annexed Deed of Gift for the consideration therein expressed.

Witness my hand and notarial seal, this 27th day of October, 1975.

Bessie S. Rose
Notary Public

My commission expires: 6/14/76

NORTH CAROLINA
ONSLOW COUNTY

The foregoing certificate of Bessie S. Rose is certified to be correct. This instrument was presented for registration and recorded in this office in Book 1116 Page 193

This 27 day of Oct., 1975, at 12:40 o'clock P. M.

Shirley J. Luyshon
Register of Deeds for Wilson County, N. C.

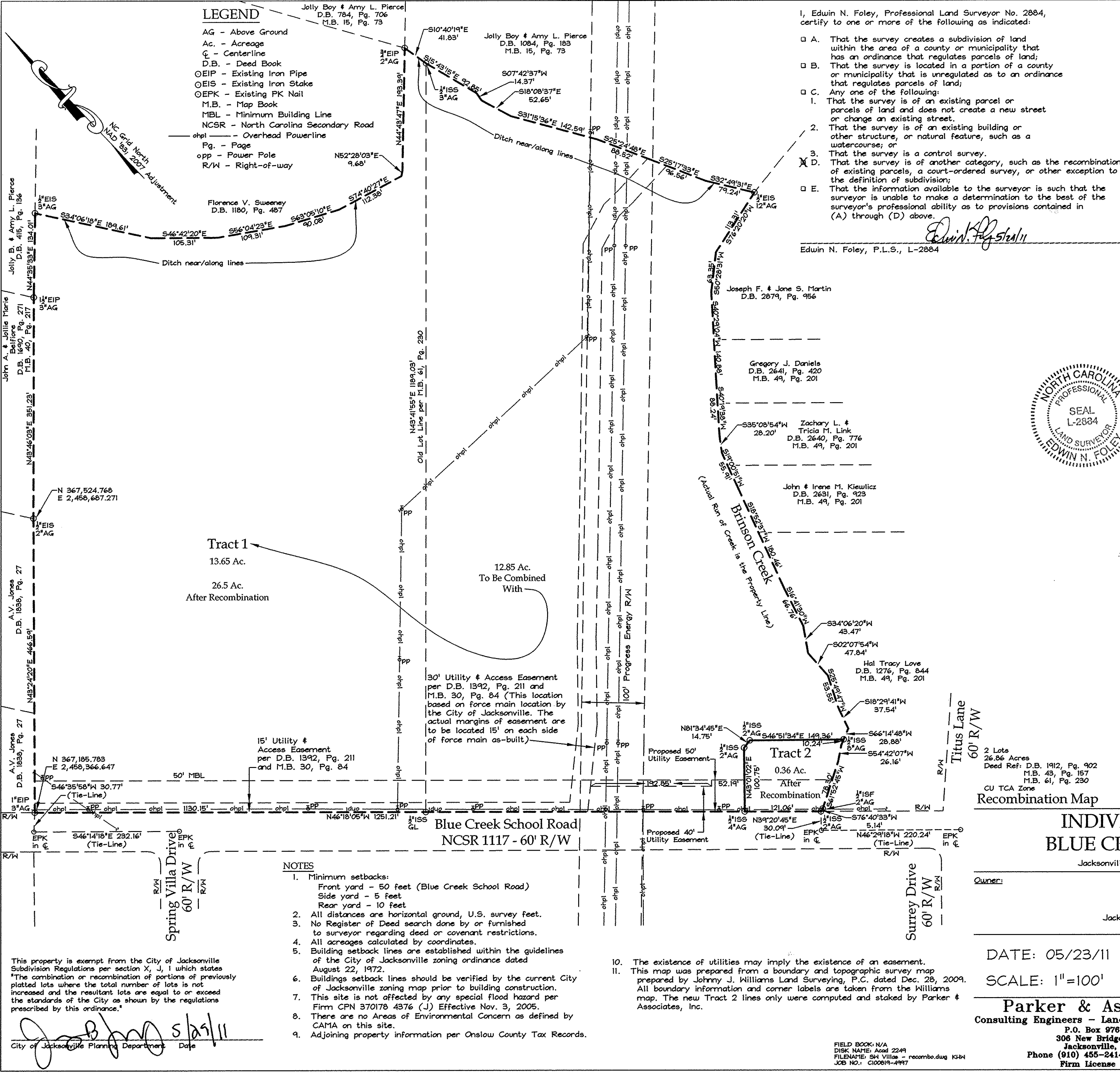
By Celia Watson (Brinson) Asst.

NORTH CAROLINA, ONSLOW COUNTY

The foregoing certificate of Bessie S. Rose is certified to be correct. This instrument was presented for registration and recorded in this office in Book 466 Page 269.

This 31st day of October, 1975. at 10:18 O'Clock A. M.

Mildred M. Thomas
Mildred M. Thomas, Register of Deeds



I, Edwin N. Foley, Professional Land Surveyor No. 2884, certify to one or more of the following as indicated:

☐ A. That the survey creates a subdivision of land within the area of a county or municipality that has an ordinance that regulates parcels of land;

☐ B. That the survey is located in a portion of a county or municipality that is unregulated as to an ordinance that regulates parcels of land;

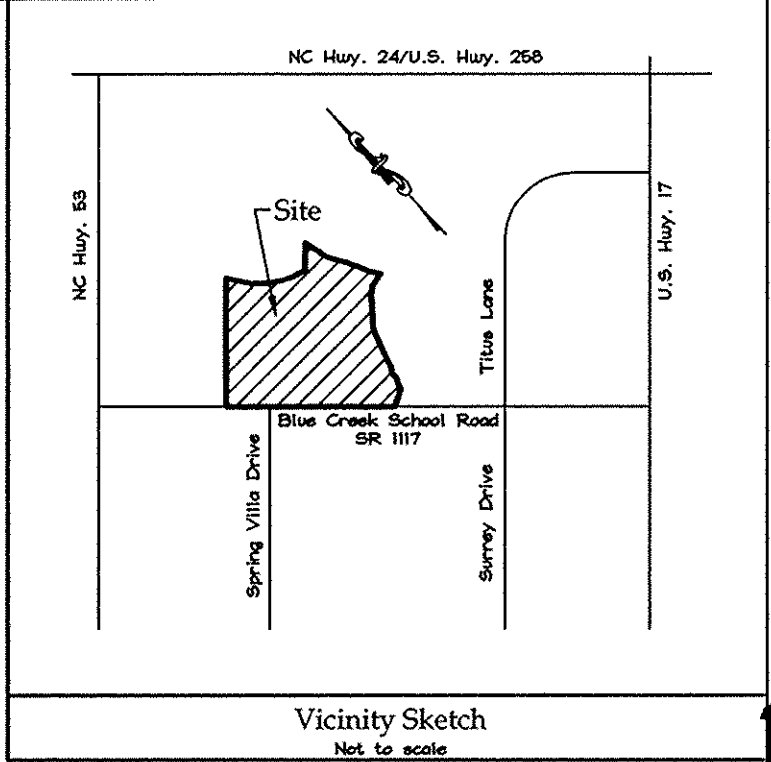
☐ C. Any one of the following:

- That the survey is of an existing parcel or parcels of land and does not create a new street or change an existing street.
- That the survey is of an existing building or other structure, or natural feature, such as a watercourse; or
- That the survey is a control survey.

☒ D. That the survey is of another category, such as the recombination of existing parcels, a court-ordered survey, or other exception to the definition of subdivision;

☐ E. That the information available to the surveyor is such that the surveyor is unable to make a determination to the best of the surveyor's professional ability as to provisions contained in (A) through (D) above.

Edwin N. Foley, P.L.S., L-2884



I, Edwin N. Foley, certify that this map was drawn under my supervision from sources and survey information as noted, that the ratio of precision prior to adjustments is N/A, that the boundaries not surveyed are shown as broken lines drawn from sources noted, that this map was prepared in accordance with G.S. 47-30 as amended, this map was prepared for recording purposes.

Witness my original signature, license number and seal this 24th day of MAY AD 2011.

Edwin N. Foley, P.L.S., L-2884

NORTH CAROLINA.....ONSLAW COUNTY

Rhonda Huffman

Review Officer of Onslow County, certify that the map or plat to which this certification is affixed meets all statutory requirements for recording.

Rhonda Huffman 6-7-11

Review Officer Date

NORTH CAROLINA.....ONSLAW COUNTY

Doc ID: 008991630001 Type: CRP
Recorded: 06/07/2011 at 04:29:31 PM
Fee Amt: \$21.00 Page 1 of 1
Onslow County, NC
Rebecca L. Pollard Reg. of Deeds

BK 62 PG 64
Slide N-98

Rebecca L. Pollard by Amelia A. Grull (Print)

Register of Deeds Onslow County

Recombination Map

INDIVIDUAL TRACTS ON BLUE CREEK SCHOOL ROAD

Jacksonville Twp., Onslow Co., North Carolina

Owner: B & H Associates

4000 Gum Branch Road
Jacksonville, North Carolina 28540
(910) 455-1977

DATE: 05/23/11

SCALE: 1"=100'

Parker & Associates, Inc.
Consulting Engineers - Land Surveyors - Land Planners
P.O. Box 976 - 28541-0976
306 New Bridge Street - 28540
Jacksonville, North Carolina
Phone (910) 455-2414 - Fax (910) 455-3441
Firm License Number: F-0108

GRAPHIC SCALE: 1"=100'

0 50 100 200 300 FEET

Shaping Horizons

26 X B
P
G
46
56

Type: CONSOLIDATED REAL PROPERTY
Recorded: 3/8/2018 3:13:14 PM
Fee Amt: \$896.00 Page 1 of 3
Revenue Tax: \$870.00
Onslow County, NC
Rebecca L. Pollard Reg. of Deeds

BK 4747 PG 545 - 547

NORTH CAROLINA GENERAL WARRANTY DEED

Excise Tax: 870.00

Parcel Identifier No. 005050

_____ If checked, this property is a conveyance of the primary residence of the Grantor pursuant to NCGS § 105-317.2
This instrument was prepared by: Donald G. Walton, Attorney at Law 722 New Bridge St., Jacksonville, NC 28540

THIS DEED, dated March 2, 2018, by and between

GRANTOR
B&H Associates, Inc.,
A North Carolina Corporation
Mailing Address:
4000 Gum Branch Rd
Jacksonville, NC 28540

GRANTEE
East Point Homes, LLC
A North Carolina Limited Liability Company
Mailing Address:
166 Center Street
Jacksonville, NC 28540

The designation Grantor and Grantee as used herein shall include said parties, their heirs, successors, and assigns, and shall include singular, plural, masculine, feminine or neuter as required by context.

WITNESSETH, that the Grantor, for valuable consideration paid by the Grantee, the receipt of which is hereby acknowledged, has and by these presents does grant, bargain, sell and convey unto the Grantees in fee simple, all that certain lot or parcel of land situated in the City of, Jacksonville Township, Onslow County, North Carolina, and more particularly described as follows:

Being all of that 26.5 acre tract or parcel of land, as shown on that Recombination Map, Individual Tracts on Blue Creek School Road, Jacksonville Twp., Onslow Co., North Carolina as the same is recorded in Map Book 62 Page 64 of the Onslow County Registry.

Property being conveyed subject to all easements and rights of way as shown on the above referenced plat.

Submitted electronically by "Donald G. Walton, Jr. Atty"
in compliance with North Carolina statutes governing recordable documents
and the terms of the submitter agreement with Onslow County Register of Deeds
Book 4747 Page 545 Seq: 1

TO HAVE AND TO HOLD the aforesaid lot or parcel of land and all privileges and appurtenances thereto belonging to the Grantee(s) in fee simple. And the Grantor(s) covenant(s) with the Grantee(s), that Grantor(s) is/are seized of the premises in fee simple, has/have the right to convey the same in fee simple, that title is marketable and free and clear of all encumbrances, and that Grantor(s) will warrant and defend the title against the lawful claims of all persons whomsoever except for the exceptions hereinafter stated.

Title to the property hereinabove described is subject to the following exceptions:

Title to the property hereinabove described is hereby conveyed subject to all valid and subsisting restrictions, reservations, covenants, conditions, rights of ways, mineral rights reservations and easements properly of record, if any and current year ad valorem taxes.

IN WITNESS WHEREOF, the Grantor, has hereunto set its hand and seal, or, if corporate, has caused this Deed to be executed by its duly authorized officers and its seal to be hereunto affixed, the day and year first above written.

B&H Associates, Inc

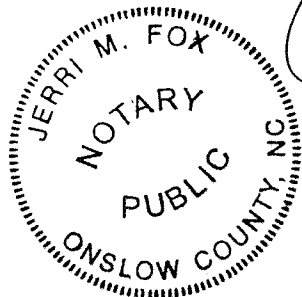
Danny E Baysden (SEAL)

By: Danny E Baysden
TITLE: Vice President

STATE OF NC
COUNTY OF Onslow
I, Jerry M. Fox, the undersigned a Notary Public for the County of Onslow State of NC for the county and state aforesaid, certify that **Danny E Baysden**, personally came before me this day and acknowledged that (s)he is the VICE PRESIDENT of B&H ASSOCIATES, INC a NORTH CAROLINA Corporation, and that **HE** as VICE PRESIDENT being authorized to do so, executed the foregoing on behalf of B&H ASSOCIATES, INC

Witness my hand and official seal, this the 2 day of March, 2018

Jerry M. Fox
Notary Public
My Commission Expires: 3-4-19





Tax Certification Form

(Check One Box)



This certifies that there are no delinquent ad valorem taxes, or other taxes which the Onslow County Tax Collector is charged with collecting, that are a lien on:

Parcel Identification Number:

005050

GRANTEE: EAST POINT HOMES, LLC

This is not a certification that this Onslow County Parcel Identification Number matches the deed description.



No certification required, as attorney statement that any delinquent taxes will be paid from closing proceeds is included on first page of deed.



Balance due on account. It must be paid to Onslow County Tax Collector within 5 days of closing.

Pam McAteer Digitally signed by Pam McAteer
Date: 2018.03.08 15:00:49 -05'00'

Tax Collections Staff Signature

03/08/2018

Date



This parcel may have deferred taxes which become due upon transfer of the property. Call the Tax Office, Land Records Division at 910-989-2204 for more information.



INQUIRY #: 6650914.8

YEAR: 1964

— = 500'



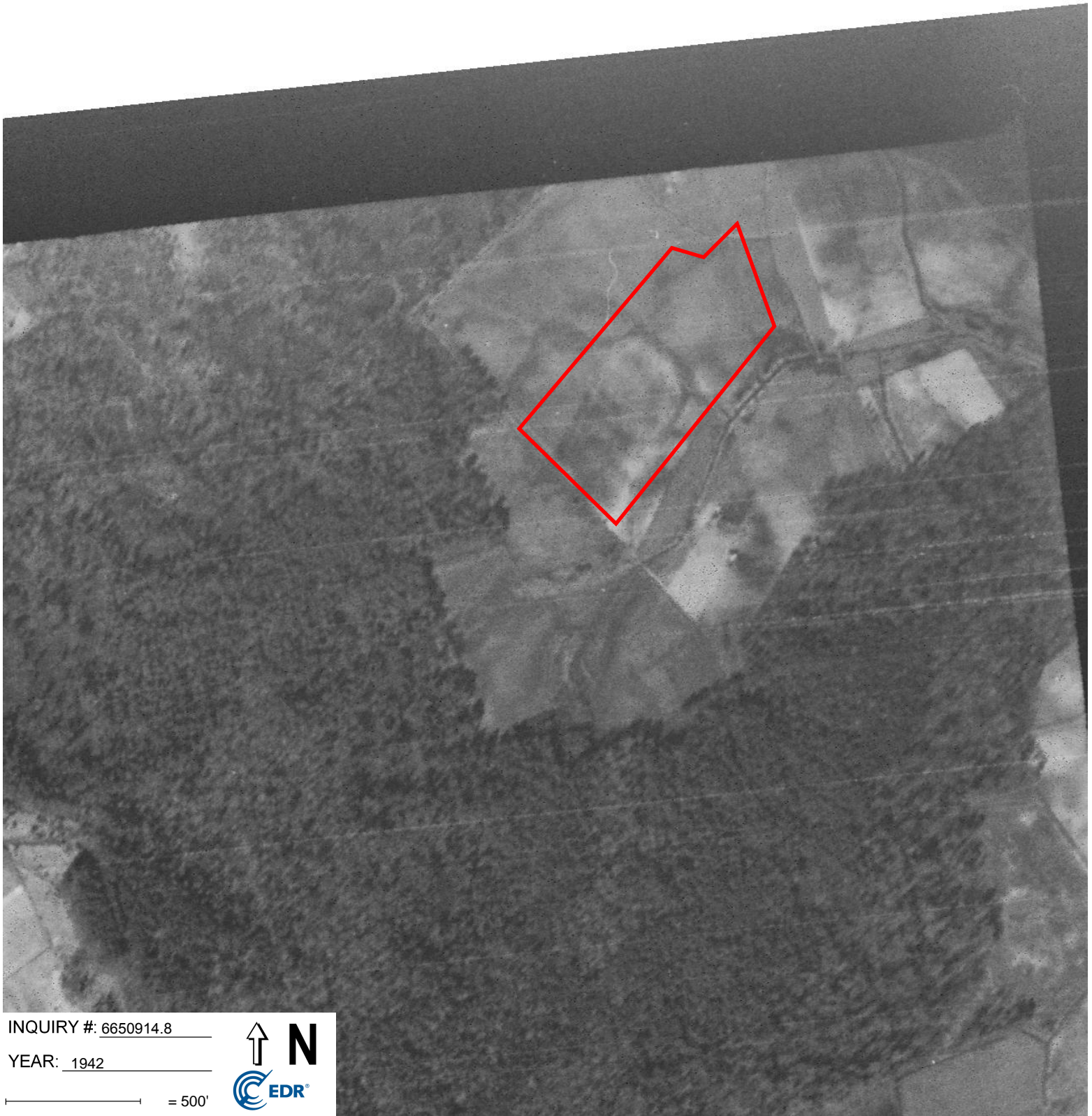


INQUIRY #: 6650914.8

YEAR: 1956

— = 500'





INQUIRY #: 6650914.8

YEAR: 1942

— = 500'





Blue Creek School Road

Blue Creek School Road

Jacksonville, NC 28540

Inquiry Number: 6650914.8

September 08, 2021

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

09/08/21

Site Name:

Blue Creek School Road
Blue Creek School Road
Jacksonville, NC 28540
EDR Inquiry # 6650914.8

Client Name:

Atlantic Shores Environmental
175 -1 Venture Drive
Leland, NC 28451
Contact: Cheryl Moody



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

Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2016	1"=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: March 06, 1993	USGS/DOQQ
1983	1"=500'	Flight Date: March 13, 1983	USDA
1974	1"=500'	Flight Date: February 16, 1974	USGS
1964	1"=500'	Flight Date: April 01, 1964	USGS
1956	1"=500'	Flight Date: February 01, 1956	USDA
1942	1"=500'	Flight Date: January 12, 1942	USGS

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INQUIRY #: 6650914.8

YEAR: 2016

— = 500'



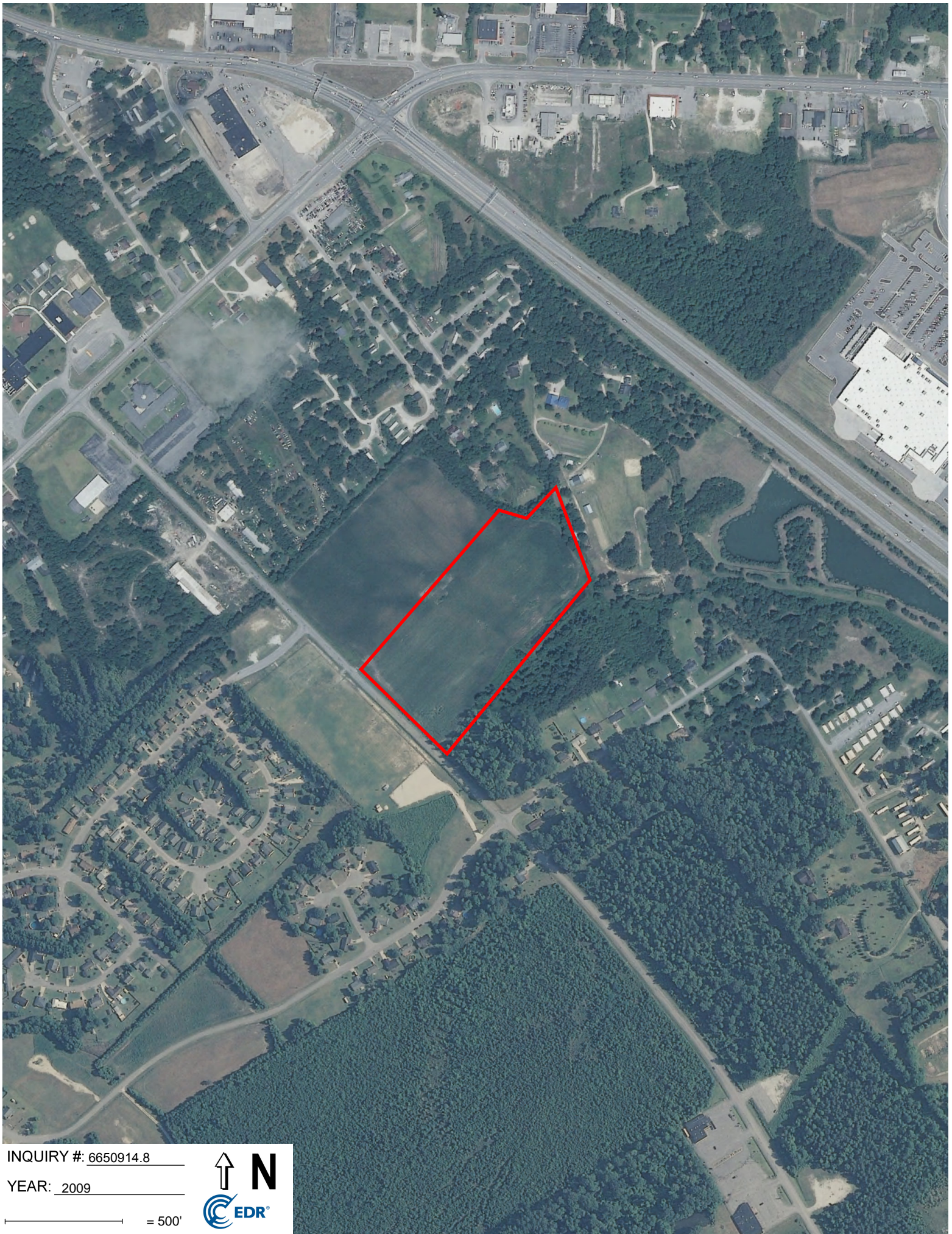


INQUIRY #: 6650914.8

YEAR: 2012

— = 500'





INQUIRY #: 6650914.8

YEAR: 2009

— = 500'





INQUIRY #: 6650914.8

YEAR: 2006

— = 500'





INQUIRY #: 6650914.8

YEAR: 1999

— = 500'





INQUIRY #: 6650914.8

YEAR: 1993

— = 500'





INQUIRY #: 6650914.8

YEAR: 1983

— = 500'





INQUIRY #: 6650914.8

YEAR: 1974

— = 500'



Subject boundary not shown because it exceeds image extent or image is not georeferenced.

Blue Creek School Road

Blue Creek School Road
Jacksonville, NC 28540

Inquiry Number: 6650914.5
September 10, 2021

The EDR-City Directory Image Report

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Executive Summary

Findings

City Directory Images

Thank you for your business.

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

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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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>
2017	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2014	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2010	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2005	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
1995	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
1992	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
1989	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1984	<input type="checkbox"/>	<input type="checkbox"/>	Polk's City Directory
1979	<input type="checkbox"/>	<input type="checkbox"/>	Hill's City Directory

FINDINGS

TARGET PROPERTY STREET

Blue Creek School Road
Jacksonville, NC 28540

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

BLUE CREEK SCHOOL RD

2017	pg A1	EDR Digital Archive
2014	pg A3	EDR Digital Archive
2010	pg A5	EDR Digital Archive
2005	pg A7	EDR Digital Archive
2000	pg A9	EDR Digital Archive
1995	pg A11	EDR Digital Archive
1992	pg A13	EDR Digital Archive

Blue Creek School Rd

1989	-	Polk's City Directory	Street not listed in Source
1984	-	Polk's City Directory	Street not listed in Source
1979	-	Hill's City Directory	Street not listed in Source

FINDINGS

CROSS STREETS

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

TITUS LN

2017	pg. A2	EDR Digital Archive
2014	pg. A4	EDR Digital Archive
2010	pg. A6	EDR Digital Archive
2005	pg. A8	EDR Digital Archive
2000	pg. A10	EDR Digital Archive
1995	pg. A12	EDR Digital Archive
1992	pg. A14	EDR Digital Archive

Titus Ln

1989	-	Polk's City Directory	Street not listed in Source
1984	-	Polk's City Directory	Street not listed in Source
1979	-	Hill's City Directory	Street not listed in Source

City Directory Images

BLUE CREEK SCHOOL RD 2017

147	NORTH CAROLINA TARHEEL
	NORTH CAROLINA TARHEEL OPRY HOUSE
165	ALEXANDERS
200	COLDWELL BANKER
	RE MAX
	REALTY SEACOAST
221	BROWN, LAURA O
325	BETHEL ASSEMBLY
	BETHEL ASSEMBLY OF GOD
	CALVARY AG HISPANIC CHURCH OF GOD OU
	LIGHTHOUSE ASSEMBLY

TITUS LN**2017**

1239	HUMPHRIES, DEBRA J
1244	SMITH, EDDIE L
1248	ESPO, TRISH
1255	ESPINOZA, JONATHAN
1256	QUINTERO, KRYSTAL M
1262	WONSEY, DAREN J
1266	SCHIRTZINGER, STEVEN P
1267	DANIELS, CODY
1270	KIEWLICZ, JOHN E
1276	LOVE, HAL T
1277	DARDEN, ELLEN J
1281	LOWE, DAVID J

BLUE CREEK SCHOOL RD 2014

147	NORTH CAROLINA TARHEEL NORTH CAROLINA TARHEEL OPRY HOUSE NORTH, CAROLINA TARHEEL OPRY HOUSE
165	ALEXANDERS
219	GARCIADELARA, JOSE A
220	IGYARTO, LOUIS
221	BROWN, DAVID K
325	BETHEL ASSEMBLY LIGHTHOUSE ASSEMBLY

TITUS LN**2014**

1239	DAVIS, GEOFFREY A
1240	CHAPMAN, ANDREA
1244	SMITH, EDDIE L
1248	OCCUPANT UNKNOWN,
1252	OCCUPANT UNKNOWN,
1255	ESPINOZA, JUAN J
1262	OCCUPANT UNKNOWN,
1267	KEESEMAN, DEVIN
1270	KIEWLICZ, JOHN E
1276	LOVE, HAL T
1277	DARDEN, ELLEN J
1281	LOWE, DAVID J
1285	ALSTON, SHIRLEE A

BLUE CREEK SCHOOL RD 2010

147	NORTH CAROLINA TARHEEL OPRY
	NORTH, CAROLINA
165	ALEXANDERS
220	SMITH, DAVID E
221	OCCUPANT UNKNOWN,
325	BETHEL ASSEMBLY OF GOD

TITUS LN**2010**

1239	PINYATI, JERRY F
1244	SMITH, EDDIE L
1248	OCCUPANT UNKNOWN,
1252	OWENS, TRACY M
1255	ESPINOZA, JUAN J
1256	MARTIN, JOSEPH S
	MATIN PROPERTY INVESTMENTS
1262	OCCUPANT UNKNOWN,
1266	LINK, ZACHARY L
1267	OCCUPANT UNKNOWN,
1270	KIEWLICZ, JOHN E
1272	TITUS, REINOLD T
1276	LOVE, HAL T
1277	HENDERSON, DERRICK V
1281	LOWE, DAVID J
1285	ALSTON, JOSEPH C

BLUE CREEK SCHOOL RD 2005

147	NORTH CAROLINA TARHEEL OPRY HO
	NORTH, CAROLINA
220	IGYARTO, LOUIS S
221	BATZEL, CARLY
305	A A A AUTO GLASS SERVICE
325	BETHEL ASSEMBLY OF GOD
401	RACEWAY USED AUTO PARTS INC

TITUS LN**2005**

1239	PINYATI, JERRY F
1240	OCCUPANT UNKNOWN,
1244	DICICCO, KENNETH J
1247	BLUEGREEN TRAINING LLC
1248	ESPINOZA, JUAN J
1255	DAVIS, JOHN M
1256	CLARK, PHILLIP O
1272	TITUS, REINOLD T
1276	LOVE, HAL T
1277	HENDERSON, DERRICK V
1281	LOWE, DAVID J
1285	ALSTON, JOSEPH C

BLUE CREEK SCHOOL RD 2000

147	NORTH CAR TARHEEL NORTH CAROLINA TARHEEL OPRY HOUSE TARHEEL OPRY HOUSE
157	TAYLORS & BOOMERS
305	A A A AUTO GLASS SERVICE
325	BETHEL ASSEMBLY OF GOD BETHEL ASSEMBLY OF GOD PARSONAGE BETHEL CHRISTIAN ACADEMY & PRE SCHOOL
401	RACEWAY AUTO PARTS INCORPORATED

TITUS LN**2000**

1252	KALINOWSKI, JOHN
1256	FITZPATRICK, HEATHER E
1267	NANCE, WILLIAM H
1272	TITUS, REINOLD T
1276	LOVE, HAL T
1277	HENDERSON, MARION

BLUE CREEK SCHOOL RD 1995

148	CLUB TAYLOR
400	JERRYS AUTO SALES & SALVAGE
401	AAA AUTO GLASS SVC
	RACEWAY AUTO PARTS INC
	RACEWAY USED AUTO PARTS

TITUS LN**1995**

315	MISHOE, STEVE
316	OCCUPANT UNKNOWNN
318	CURTIS, CARL
	MORRIS PATI
319	DAVIS, JOHN M
322	KALINOWSKI, JOHN
324	OCCUPANT UNKNOWNN
339	OCCUPANT UNKNOWNN
340	TITUS, REINOLD T
342	LOVE, HAL T
347	OCCUPANT UNKNOWNN
349	OCCUPANT UNKNOWNN
351	ALSTON, JOSEPH JR

BLUE CREEK SCHOOL RD 1992

400	JERRYS AUTO SALES
401	J'VILLE SPEEDWAY

TITUS LN**1992**

315	MISHOE, STEVE
339	BEIN, EDWIN D
340	TITUS, REINOLD T
342	LOVE, HAL T
349	LOWE, DAVID J
351	ALSTON, JOSEPH JR

Blue Creek School Road

Blue Creek School Road

Jacksonville, NC 28540

Inquiry Number: 6650914.4

September 07, 2021

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

09/07/21

Site Name:

Blue Creek School Road
Blue Creek School Road
Jacksonville, NC 28540
EDR Inquiry # 6650914.4

Client Name:

Atlantic Shores Environmental
175 -1 Venture Drive
Leland, NC 28451
Contact: Cheryl Moody



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Atlantic Shores Environmental 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.#	1516	Latitude:	34.748754 34° 44' 56" North
Project:	1516	Longitude:	-77.470957 -77° 28' 15" West
		UTM Zone:	Zone 18 North
		UTM X Meters:	273809.29
		UTM Y Meters:	3847962.45
		Elevation:	21.64' above sea level

Maps Provided:

2013	1942, 1943
1997	
1993	
1988	
1978	
1971	
1952	
1943, 1948	

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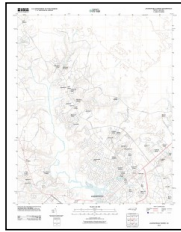
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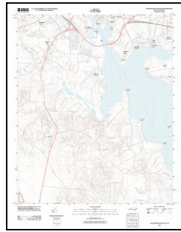
Topo Sheet Key

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

2013 Source Sheets

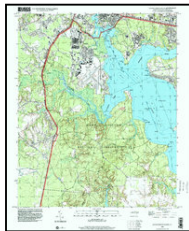


Jacksonville North
2013
7.5-minute, 24000



Jacksonville South
2013
7.5-minute, 24000

1997 Source Sheets



Jacksonville South
1997
7.5-minute, 24000
Aerial Photo Revised 1997



Jacksonville North
1997
7.5-minute, 24000
Aerial Photo Revised 1997

1993 Source Sheets



NEW RIVER
1993
15-minute, 50000

1988 Source Sheets



Jacksonville South
1988
7.5-minute, 24000
Aerial Photo Revised 1952

Topo Sheet Key

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

1978 Source Sheets



Jacksonville North
1978
7.5-minute, 24000
Aerial Photo Revised 1974

1971 Source Sheets



Jacksonville South
1971
7.5-minute, 24000
Aerial Photo Revised 1952

1952 Source Sheets

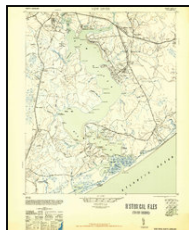


Jacksonville South
1952
7.5-minute, 24000
Aerial Photo Revised 1952

1943, 1948 Source Sheets



Jacksonville
1943
15-minute, 62500
Aerial Photo Revised 1942



New River
1948
15-minute, 62500
Aerial Photo Revised 1942

Topo Sheet Key

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

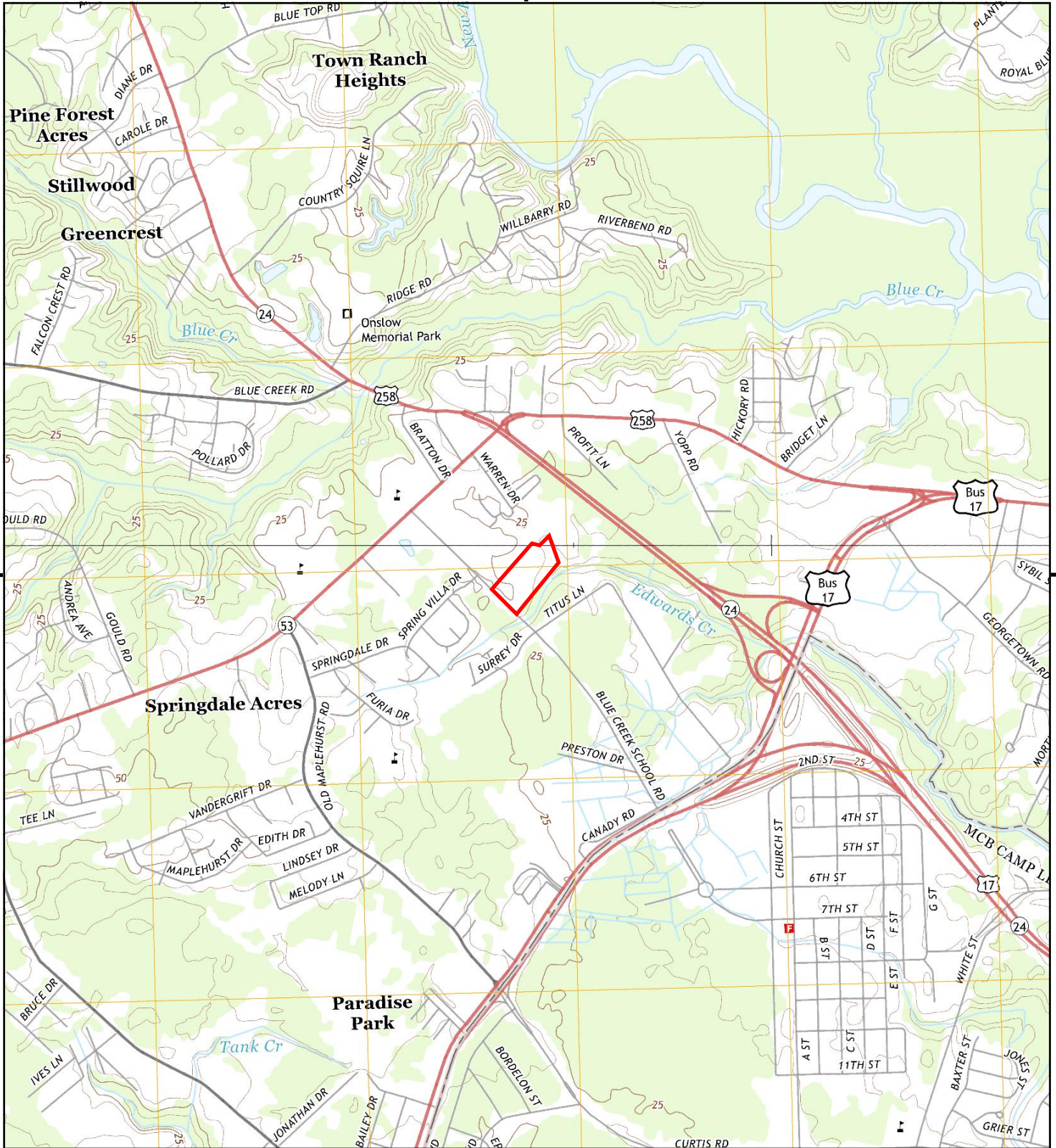
1942, 1943 Source Sheets



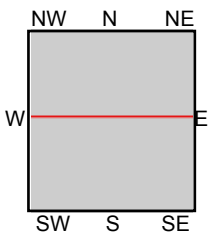
NEW RIVER
1942
15-minute, 50000



JACKSONVILLE
1943
15-minute, 50000



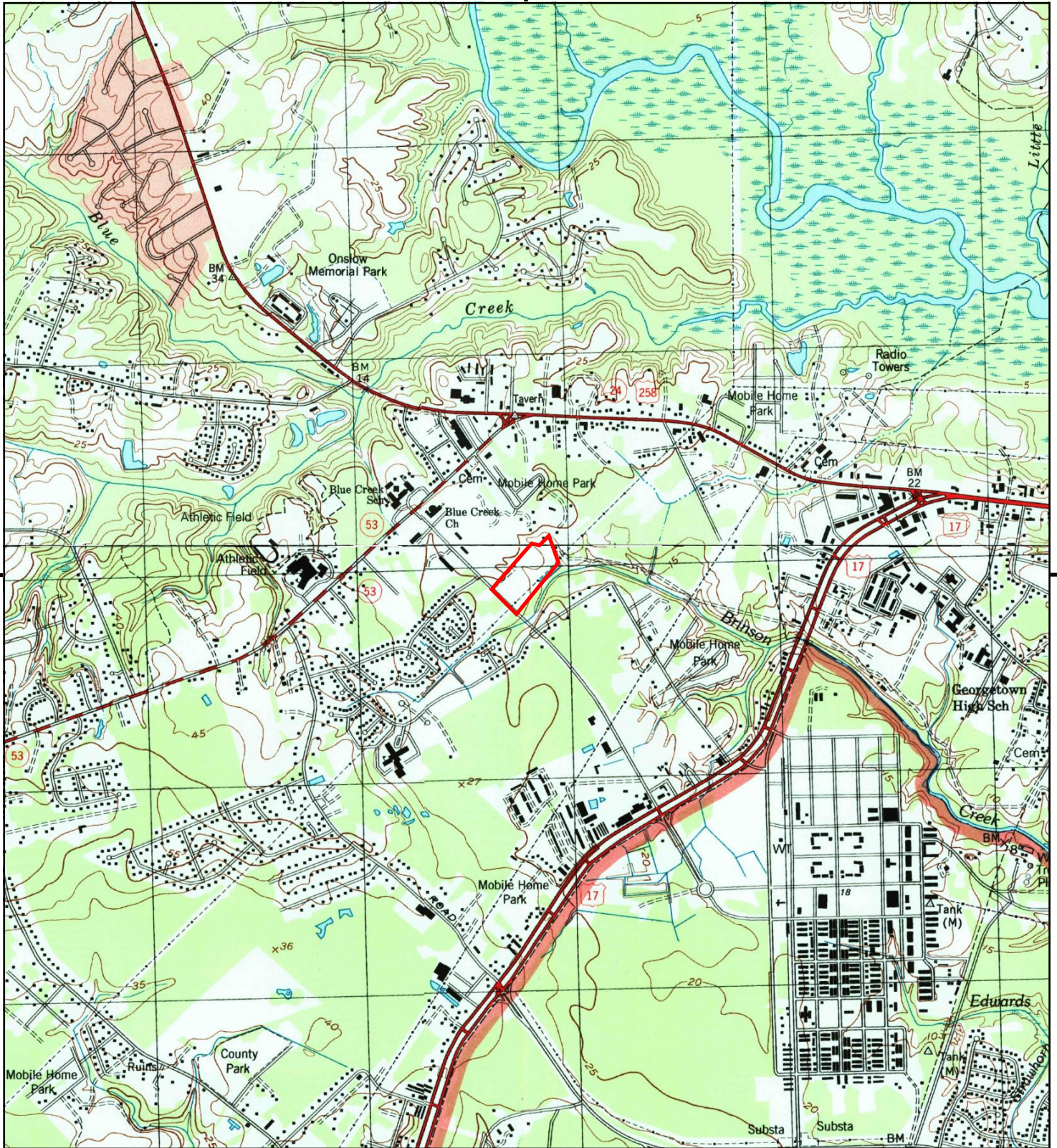
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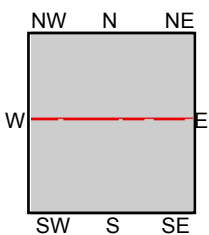
TP, Jacksonville South, 2013, 7.5-minute
NE, Jacksonville North, 2013, 7.5-minute

SITE NAME: Blue Creek School Road
ADDRESS: Blue Creek School Road
Jacksonville, NC 28540
CLIENT: Atlantic Shores Environmental





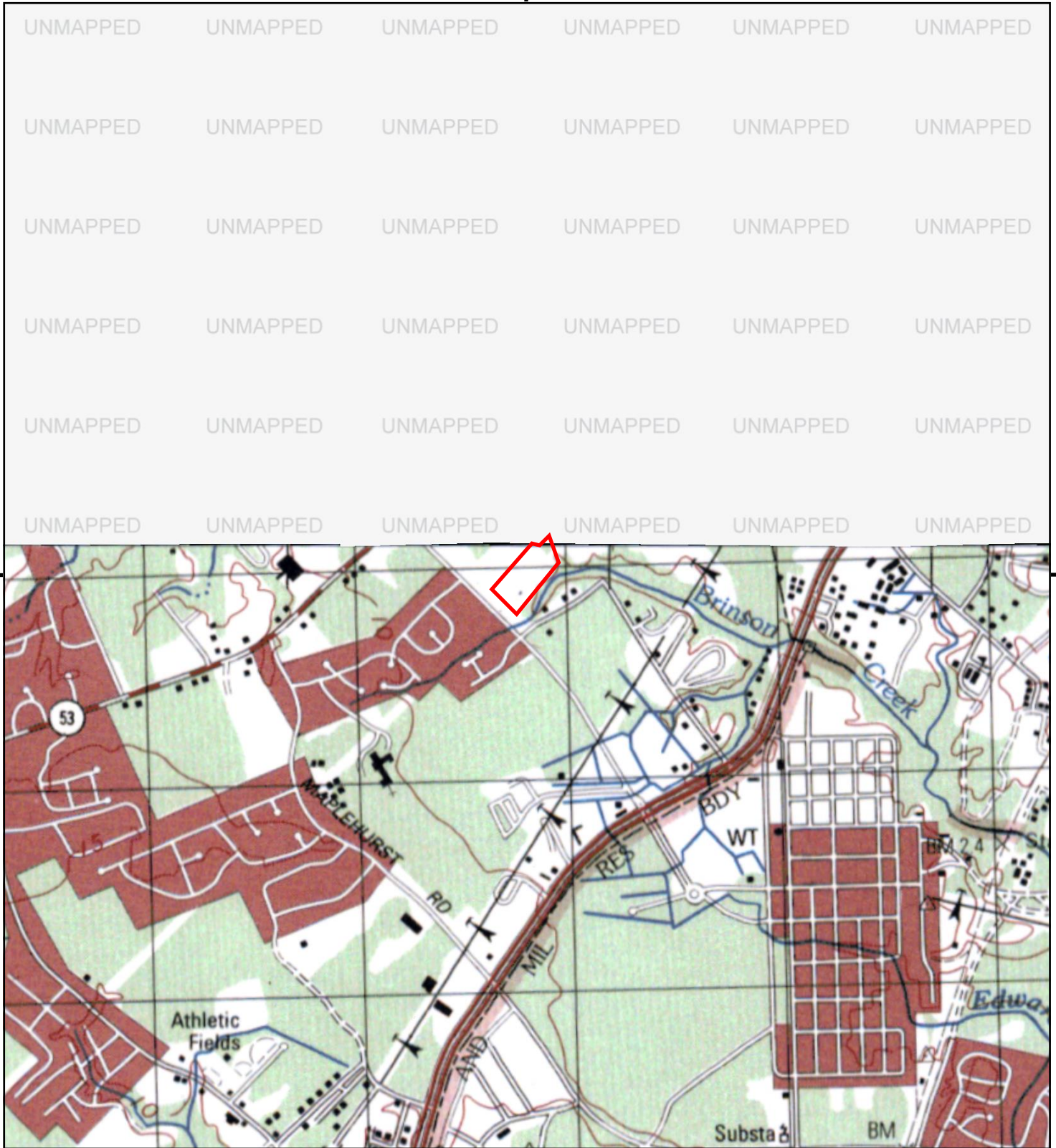
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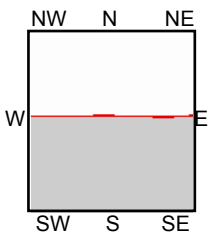
TP, Jacksonville South, 1997, 7.5-minute
NE, Jacksonville North, 1997, 7.5-minute

SITE NAME: Blue Creek School Road
ADDRESS: Blue Creek School Road
Jacksonville, NC 28540
CLIENT: Atlantic Shores Environmental





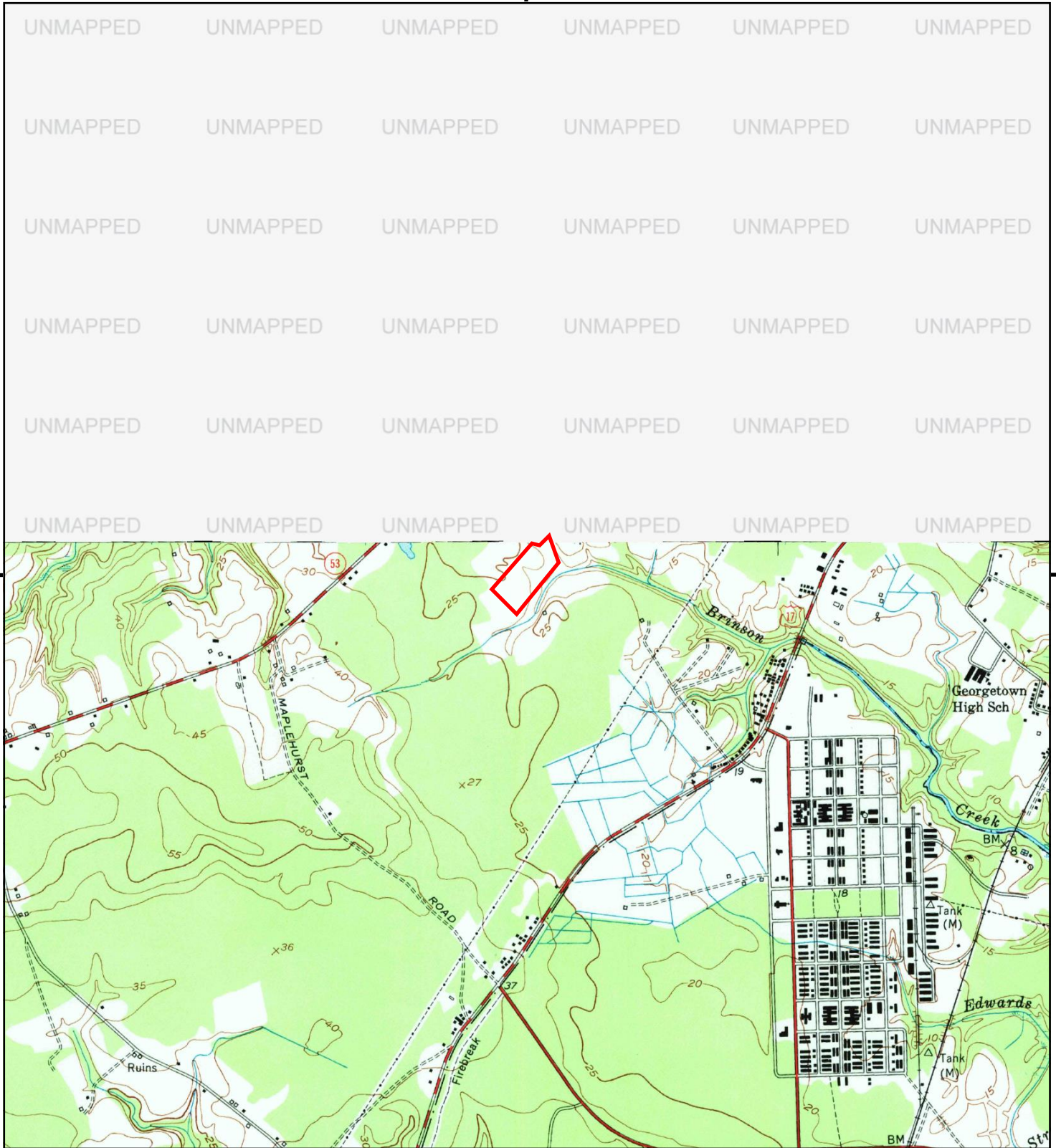
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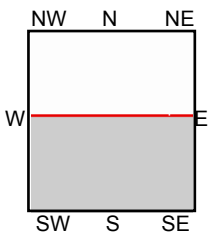
TP, NEW RIVER, 1993, 15-minute

SITE NAME: Blue Creek School Road
ADDRESS: Blue Creek School Road
Jacksonville, NC 28540
CLIENT: Atlantic Shores Environmental





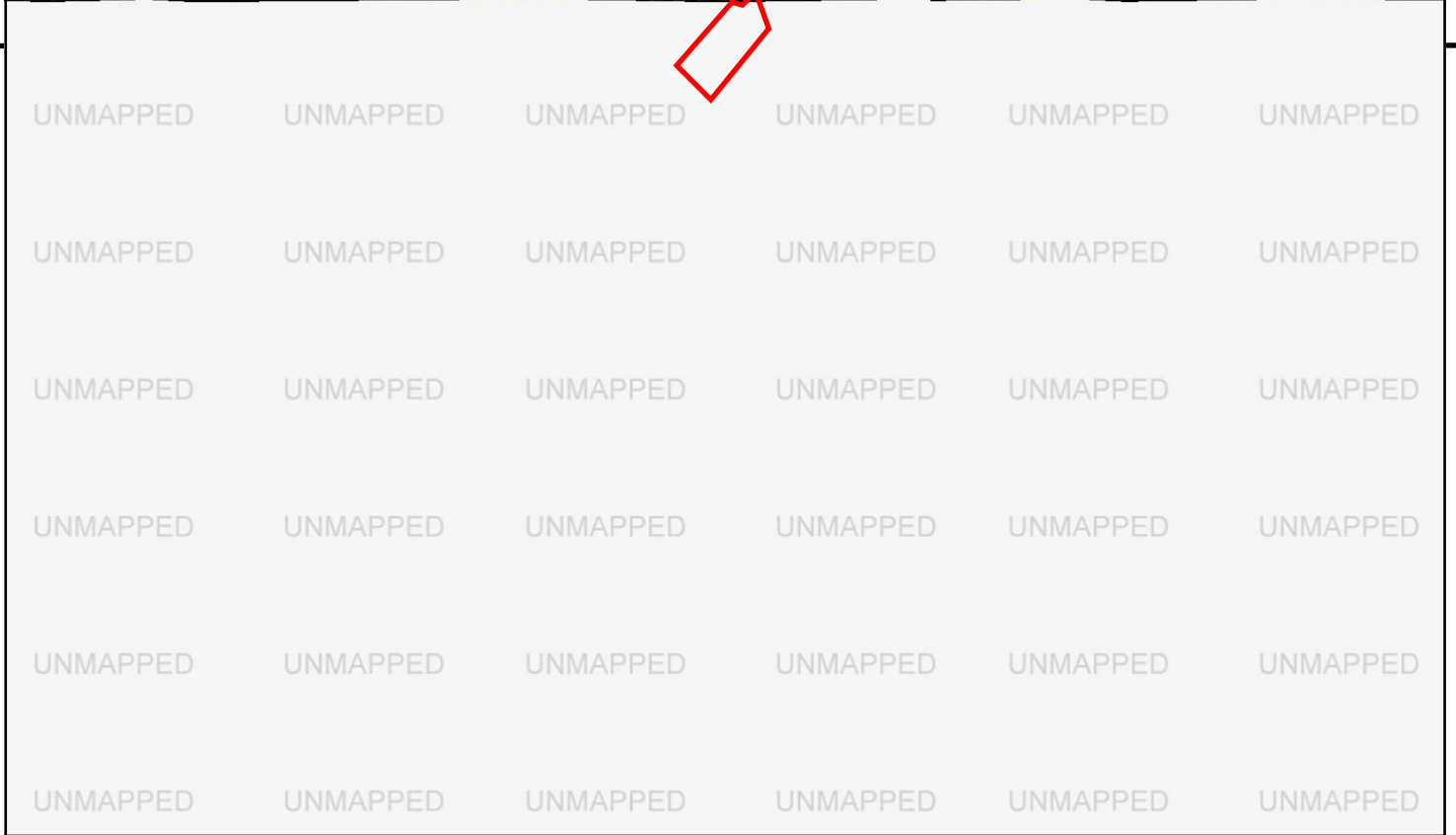
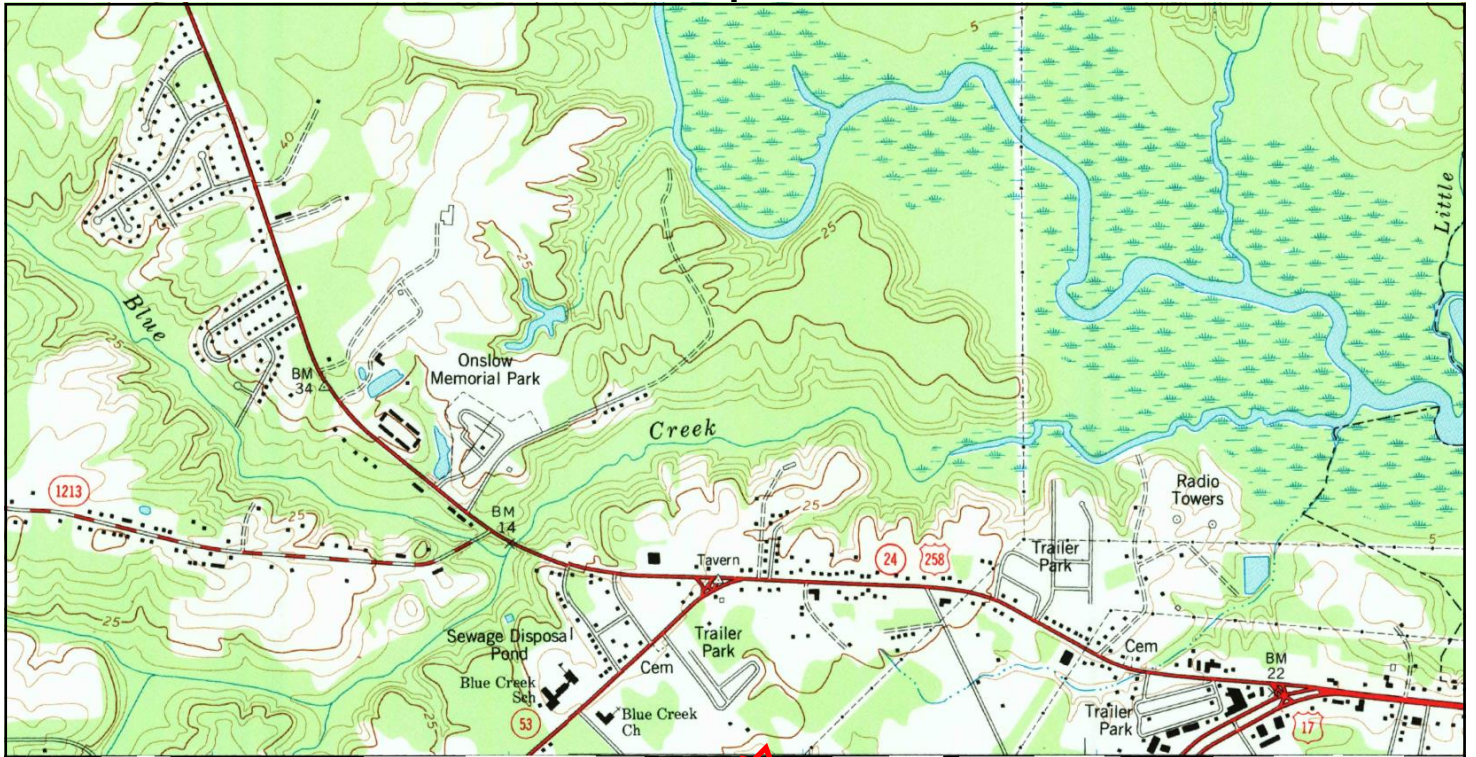
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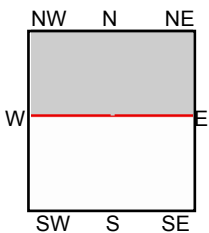
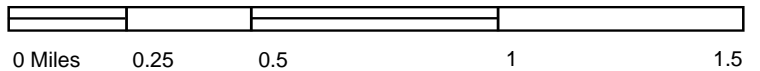
TP, Jacksonville South, 1988, 7.5-minute

SITE NAME: Blue Creek School Road
ADDRESS: Blue Creek School Road
 Jacksonville, NC 28540
CLIENT: Atlantic Shores Environmental





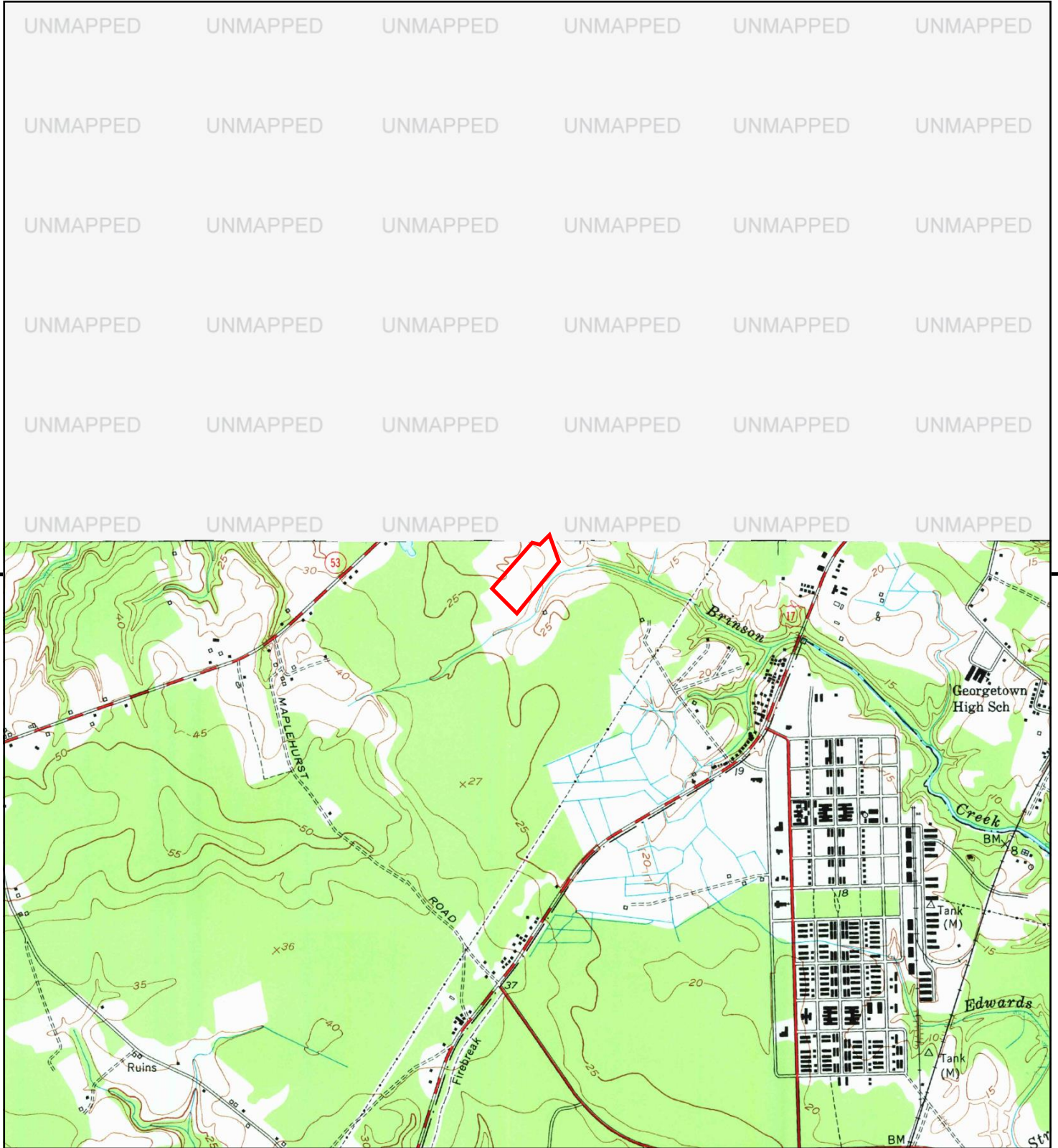
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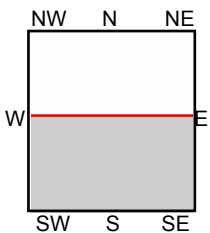
NE, Jacksonville North, 1978, 7.5-minute

SITE NAME: Blue Creek School Road
ADDRESS: Blue Creek School Road
Jacksonville, NC 28540
CLIENT: Atlantic Shores Environmental





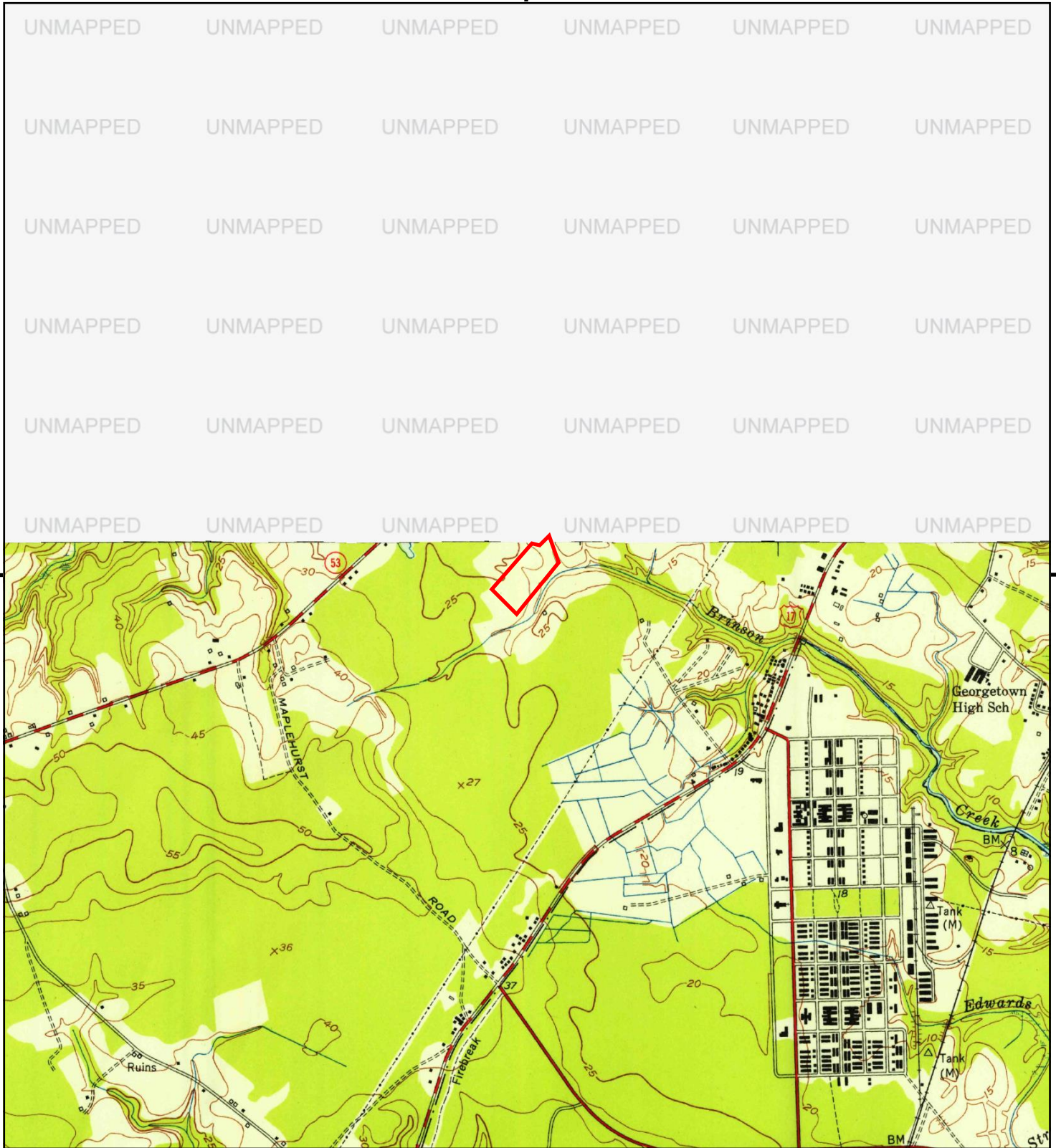
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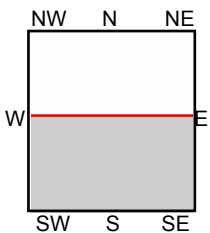
TP, Jacksonville South, 1971, 7.5-minute

SITE NAME: Blue Creek School Road
 ADDRESS: Blue Creek School Road
 Jacksonville, NC 28540
 CLIENT: Atlantic Shores Environmental





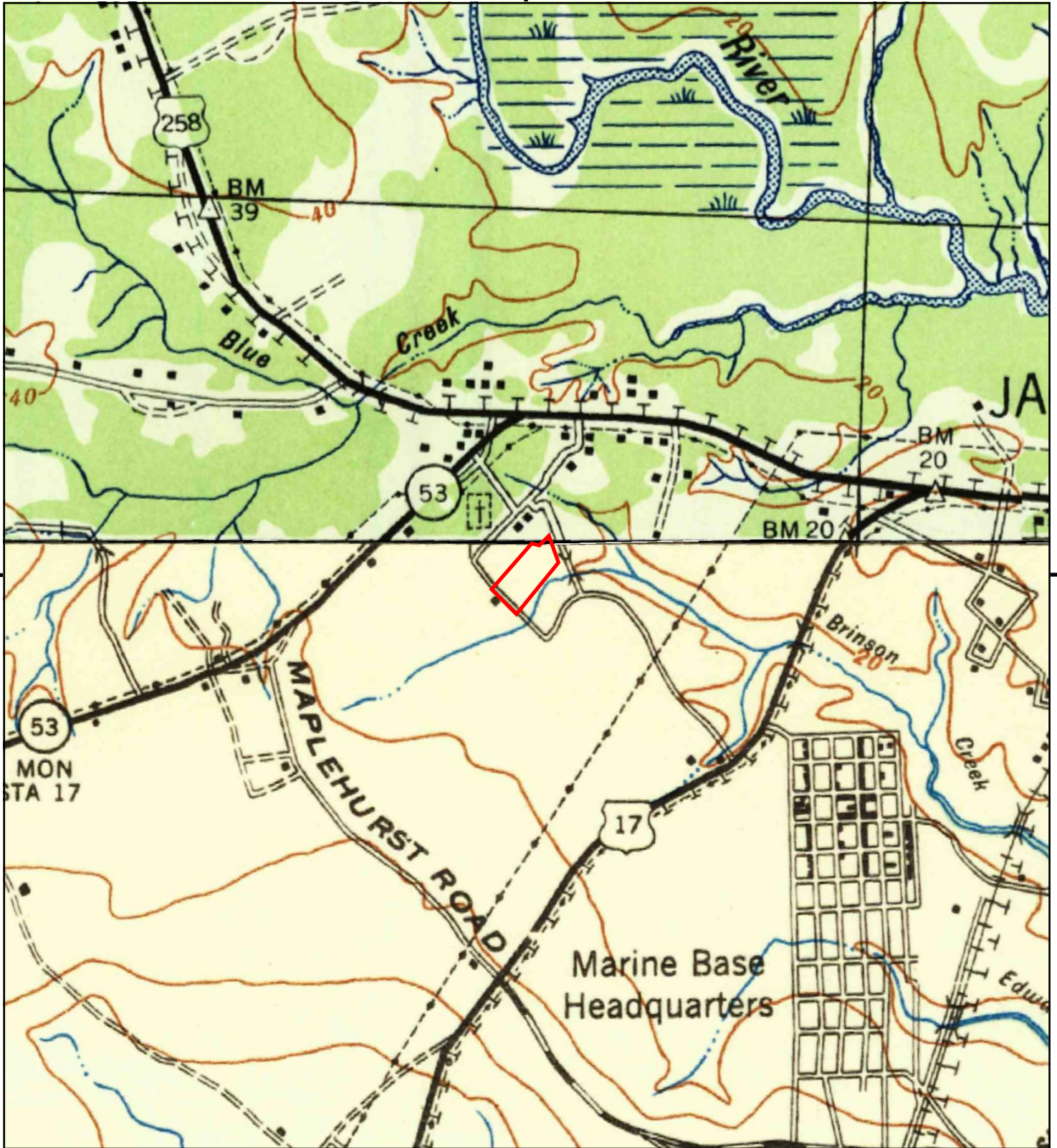
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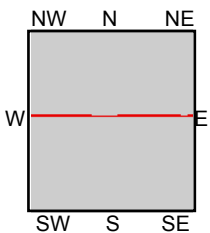
TP, Jacksonville South, 1952, 7.5-minute

SITE NAME: Blue Creek School Road
 ADDRESS: Blue Creek School Road
 Jacksonville, NC 28540
 CLIENT: Atlantic Shores Environmental





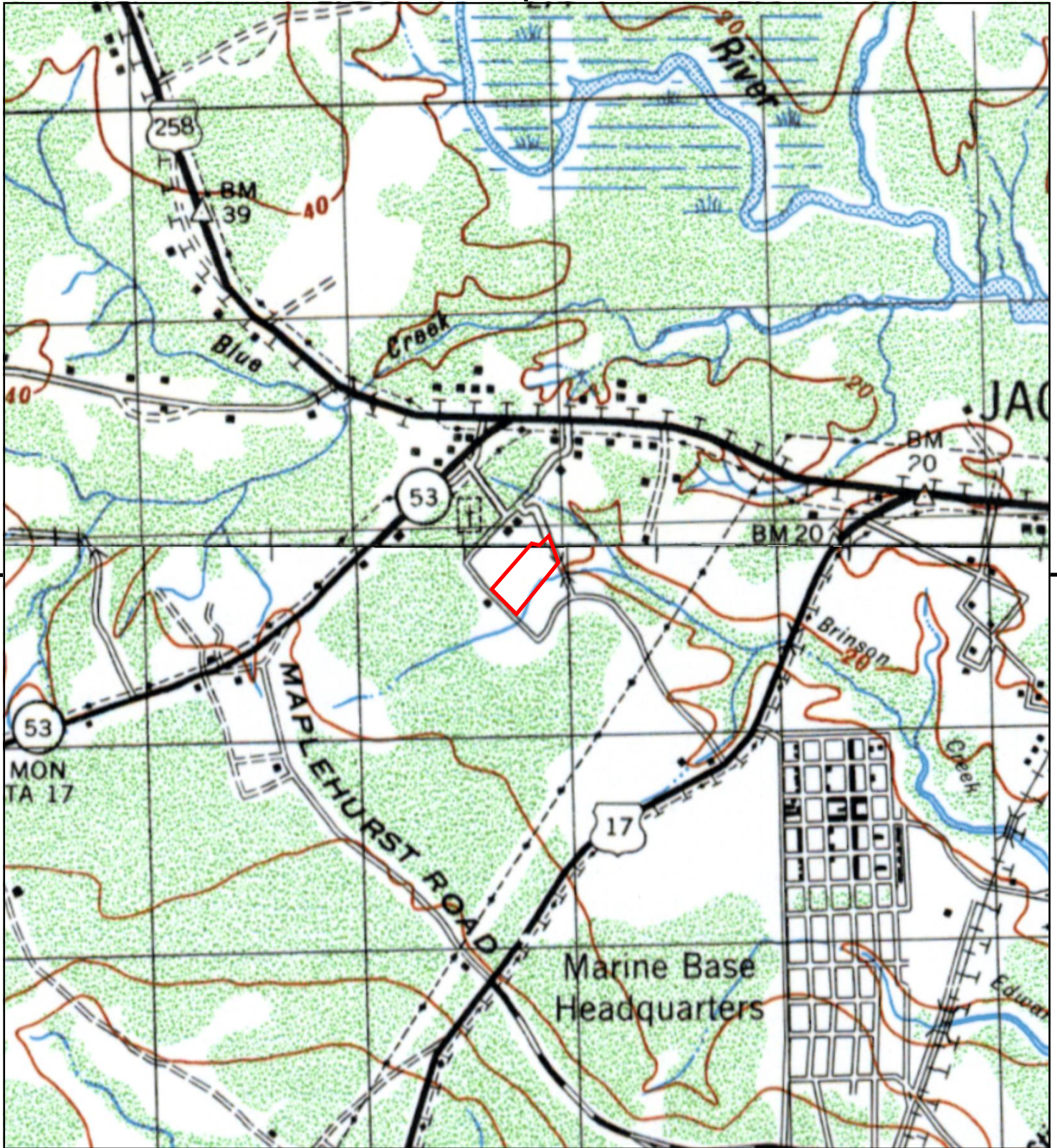
This report includes information from the following map sheet(s).



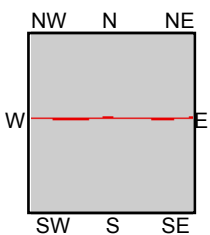
TP, New River, 1948, 15-minute
NE, Jacksonville, 1943, 15-minute

SITE NAME: Blue Creek School Road
ADDRESS: Blue Creek School Road
Jacksonville, NC 28540
CLIENT: Atlantic Shores Environmental





This report includes information from the following map sheet(s).



TP, NEW RIVER, 1942, 15-minute
NE, JACKSONVILLE, 1943, 15-minute

SITE NAME: Blue Creek School Road
ADDRESS: Blue Creek School Road
Jacksonville, NC 28540
CLIENT: Atlantic Shores Environmental





Blue Creek School Road

Blue Creek School Road

Jacksonville, NC 28540

Inquiry Number: 6650914.3

September 07, 2021

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

09/07/21

Site Name:

Blue Creek School Road
Blue Creek School Road
Jacksonville, NC 28540
EDR Inquiry # 6650914.3

Client Name:

Atlantic Shores Environmental
175 -1 Venture Drive
Leland, NC 28451
Contact: Cheryl Moody



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Atlantic Shores Environmental 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 # F5F3-40ED-AD09

PO # 1516

Project 1516

UNMAPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.



Sanborn® Library search results

Certification #: F5F3-40ED-AD09

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

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

The Sanborn Library LLC Since 1866™

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APPENDIX V

SITE PHOTOGRAPHS



Photograph 1 – PVC and sewer connection on eastern portion of the site



Photograph 2 – Site facing east from Blue Creek School Road



Photograph 3 –Northern portion of the site facing east toward new development



Photograph 4 – Soccer Field on the western adjoining property



Photograph 5 –Sewer manhole southeastern portion of the Site



Photograph 6 – Water cleanout on southeastern portion of the site



Photograph 7 – Sewer manhole on southeastern portion of the site



Photograph 8 – Site facing northeast from the southeastern border



Photograph 9 – Northern portion of the site facing east



Photograph 10 – Wood pile on northern portion of site

APPENDIX VI
INTERVIEW DOCUMENTATION

Search Inbox...
Go

Advanced Search

Unlimited Usage: 731MB

New Folder

Inbox (4)

Bulk Mail (3)

Drafts

Templates

Send Later

Sent Items

Trash (1)

More Actions

Print

Previous

Next

Subject: RE: Parcel 005050 Hazardous Material/Spill Question
From: Stacie Miles <stacie.miles@onslowcountync.gov> (See as Protected Sender)
Date: Fri, Sep 13, 2019 4:24 pm
To: "bdobbs@atlanticshoresenv.com" <bdobbs@atlanticshoresenv.com>

Mr. Dobbs,

I do not have any haz-mat incidences reported for this site.

Sincerely
Stacie A. Miles
Deputy Director
Onslow County Emergency Services
1180 Commons Dr. N
Jacksonville, NC 28540
910.455.6767 | stacie.miles@onslowcountync.gov | www.onslowcountync.gov/emergencyservices Onslow County Emergency Services "Official" - Facebook

~"There is no effort without error and shortcoming."
~Theodore Roosevelt

From: bdobbs@atlanticshoresenv.com [mailto:bdobbs@atlanticshoresenv.com]
Sent: Thursday, September 12, 2019 11:43 AM
To: Shaun R. Hayes <shayes@jacksonvillemc.gov>
Subject: Parcel 005050 Hazardous Material/Spill Question

WARNING: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

My name is Brandon Dobbs and I work for Atlantic Shores Environmental Services. We are currently conducting a Phase 1 Environmental Site Assessment for the following parcel located on Blue Creek School Road in Jacksonville, NC:

- Parcel ID: 005050

Do you have any information involving environmental issues such as hazardous materials, storage tank spills/releases, etc at the listed parcel?
I have attached a site location map to the email. Thank you very much for your time and any information you may provide.

Thank you,

Brandon S. Dobbs
Staff Scientist

Atlantic Shores Environmental Services, Ltd.
175-1 Venture Drive
Leland, North Carolina 28451
910-371-5980 (o)
910-520-5898 (c)
bdobbs@atlanticshoresenv.com
www.atlanticshoresenvironmental.com

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APPENDIX VII

STATEMENT OF QUALIFICATION

CHERYL J. MOODY, PE, CIEC

EDUCATION

- M.S. Environmental Science: Univ. of New Haven, West Haven, CT: January 1997.
- B.S. Biology: Univ. of Vermont, Burlington, VT: May 1990. Concentrations: Botany and Chemistry.

REGISTRATIONS/MEMBERSHIPS

- Licensed Professional Engineer – North Carolina
- Registered Environmental Manager (REM), National Registry of Environmental Professionals.
- North Carolina and South Carolina Asbestos Inspector and Management Planner.
- Certified Indoor Environmental Consultant, American Council for Accredited Certification (ACAC).
- Certified Microbial Remediation Supervisor, ACAC.
- North Carolina Certified Storm Water BPM Inspector.
- Member, Indoor Air Quality Association.
- Certifying Board Member, ACAC

PROFESSIONAL EXPERIENCE

July 2008 – Present **Atlantic Shores Environmental Services, Ltd.** **Leland, NC**
Principal Engineer, Owner

Ms. Moody has over 30 years of experience conducting and managing environmental due diligence projects. Major duties include financial, marketing, proposals, invoicing and supervising/mentoring team members. Also included as a major duty is reviewing team member reports for technical accuracy. Ms. Moody performed as well as supervised due diligence and compliance services relating to manufacturing industries, commercial properties and residential properties; asbestos and mold inspections; extensive experience with managing multiple phased projects at petroleum storage terminals, chemical and gasoline facilities.

2004-June 2008 **ECS Carolinas, LLP** **Wilmington, NC**
Principal Scientist, Environmental Department Manager

Managed a team of five professionals. Major duties include financial, marketing, proposals, invoicing and supervising/mentoring team members. Also included as a major duty was reviewing team member reports for technical accuracy.

1998-2004 **MACTEC Engineering and Consulting Inc.** **Wilmington, NC**
Senior Scientist

Major duties include performing and supervising due diligence and compliance services relating to agribusiness industry, manufacturing industries commercial properties and marinas in NC, NY, FL and SC; asbestos and mold inspections.

1993-1998 **Rizzo Associates, Inc.** **Hartford, CT**
Environmental Scientist II

Major duties included performing due diligence relating to commercial and manufacturing industries; Specific areas of technical expertise include: Management Systems Audits for the Massachusetts Highway Department, proposals for Phase I and Phase II hazardous materials investigations, Health and Safety plans, UST removals, limited environmental risk assessment evaluations, Phase I and II hazardous materials investigations and supervision of contractors during investigatory and soil remediation activities.

1992-1993 **Storch Associates, Inc.** **Rocky Hill, CT**
Environmental Specialist

Major duties included conducting corridor land use evaluations for the Connecticut Department of Transportation, Phase I and II hazardous materials investigations and soil gas surveys.

1990-1992 **Muranaka Environmental, Inc.** **Honolulu, HI**
Environmental Scientist

Major duties included conducting Phase I hazardous materials investigations, asbestos surveys and soil and groundwater sampling on many of the Hawaiian Islands.

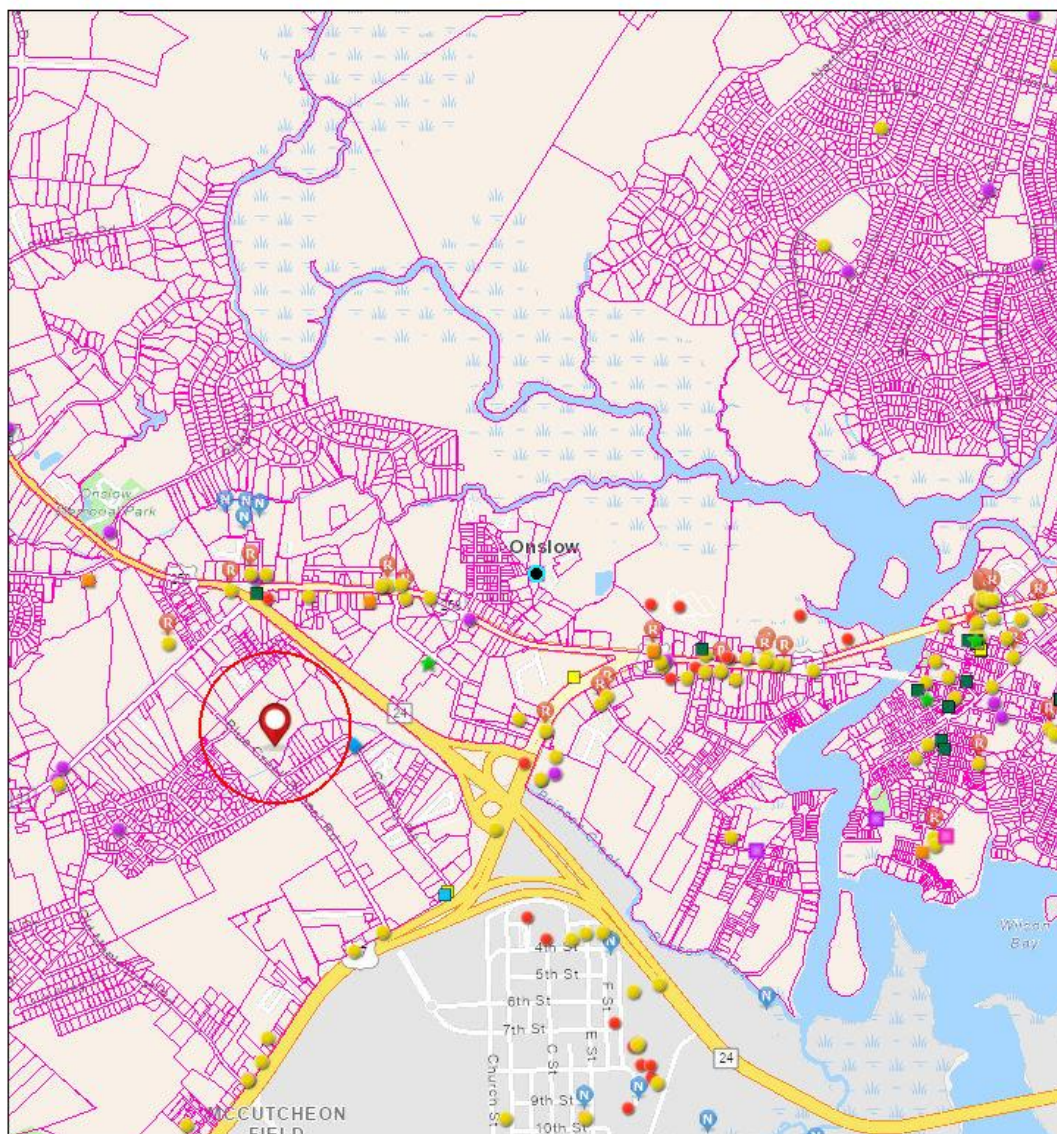


DWM Site Locator Tool Screening Report - 0.25-mile Radius

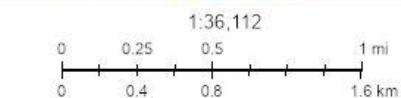
Area of Interest (AOI) Information

Area : 5,461,567.93 ft²

Jun 17 2022 12:49:26 Eastern Daylight Time



- ◆ Land Clearing and Inert Debris (LICD) Notifications
- ★ Hazardous Waste Sites
- Inactive Hazardous Sites
- Pre-Regulatory Landfill Sites
- Activity Pending
- Investigation
- DryCleaning Compliance



NCDOT GIS Unit, Sources: Esri, HERE, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

Project Name: Crestfield Point Apartments

Project Location: 350 Blue Creek School Road, Jacksonville, Onslow County, NC 28540 (entire parcel owned by East Point Homes, LLC)



DWM Site Locator Tool Screening Report - One-mile Radius

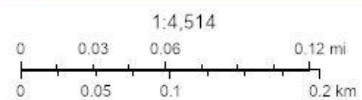
Area of Interest (AOI) Information

Area : 87,513,003.27 ft²

Jun 17 2022 12:20:56 Eastern Daylight Time



- ◆ Land Clearing and Inert Debris (LICD) Notifications
- ▭ Parcels (Polygons) - Parcels
- ▭ County Boundary



NCDOT GIS Unit, Sources: Esri, HERE, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

Project Name: Crestfield Point Apartments

Project Location: 350 Blue Creek School Road, Jacksonville, Onslow County, NC 28540 (entire parcel owned by East Point Homes, LLC)

Land Clearing and Inert Debris (LICD) Notifications

#	Site_ID	Site_Name	Count
1	N0473	John T. Layton	1

Inactive Hazardous Sites

#	EPAID	SITENAME	Count
1	NONCD0002608	TOMMY POLLARD PROPERTY, PARCEL 901	1
2	NONCD0002624	DODSON EXTERMINATORS/US CELLULAR	1

Hazardous Waste Sites

#	HANDLER_ID	SITE_NAME	Count
1	NCR000144899	WALMART SUPERCENTER #3864	1

UST Incidents

#	IncidentNumber	IncidentName	Count
1	5643	EMRO SERVICE STATION	1
2	6517	SUNBEAM 804	1
3	7084	SPEEDWAY UNIT # 226	1
4	11711	GOODSON BROS. 258 TRUCK STOP	1
5	12165	DOT-JACKSONVILLE MAINTENANCE YARD	1
6	13105	SERVCO	1
7	13978	CONOCO # 33036	1
8	15405	JACKSONVILLE RADIO RELAY STATION	1
9	16592	JIM DANDY E-5	1
10	18848	ONslow COUNTY SERVICE GARAGE	1
11	19685	K & M SHELL	1
12	22171	STATE HIGHWAY PATROL	1
13	22244	DOT JACKSONVILLE MAINTENANCE HEATING OIL	1
14	22842	USMC CAMP LEJEUNE, BLDG. TC-501	1
15	32203	WHIZZ MART 1	1
16	32345	DOT - JACKSONVILLE (2,000 GAL WASTE OIL TANK)	1
17	32880	BLUE CREEK ELEMENTARY	1
18	32978	speedway #8289	1
19	43065	RICHLANDS HWY-2840, D'SMART	1
20	48033	best mart 1	1

AST Incidents

#	IncidentNumber	IncidentName	Count
1	14342	tommy pollard property-ncdot preliminary	1
2	94092	Freedom Village (Proposed)	1

UST Active Facilities

#	FACILID	FACILNAME	Count
1	00-0-0000024727	NC DOT - JACKSONVILLE (DIV THREE	1
2	00-0-0000020584	WHIZZ MART 1	1
3	00-0-0000025135	CC&PS, DIV. OF STATE HWY. PATROL	1
4	00-0-0000031841	SOUTHWEST MIDDLE SCHOOL	1
5	00-0-0000035138	SOUTHWEST HIGH SCHOOL	1
6	00-0-0000037084	MURPHY EXPRESS 8569	1
7	00-0-0000043248	CIRCLE K #2704589	1
8	00-0-0000040148	HANDY MART #4731	1

Land Use Restriction and/or Notices

#	Prj_Number	Prj_Name	Count
1	R6708101995-A	A&j Associates / Doug W Curry Disposal Site	1
2	R6708101995-B	A&j Associates / Doug W Curry Buffer Area	1
3	R6708101995-C	P.h. One / Doug W Curry Buffer Area	1
4	R6708101995-D	Rand Oil / Doug W Curry Disposal Site	1
5	WI-954	SPEEDWAY UNIT # 226	1
6	WI-1124	GOODSON BROS. 258 TRUCK STOP	1
7	WI-1157	DOT-JACKSONVILLE MAINTENANCE YARD	1
8	WI-1246	CONOCO # 33036	1
9	WI-494	WHIZZ MART 1	1
10	WI-7790	BLUE CREEK ELEMENTARY	1

DryCleaning Historical Boiler Inspections

#	Drycleaner	InspDate	Count
1	A 1 CLEANERS	7/31/2003	1

DryCleaning City Directories

#	Drycleaner	Address	Count
1	Quick Way Cleaners	933 Richlands Hwy, Jacksonville,NC	1

DryCleaning Compliance

#	Facility_ID	Facility_Name	Count
1	670007C	A-1 Cleaners & Laundry	1



PAT MCCRORY
Governor

DONALD R. VAN DER VAART
Secretary

MICHAEL SCOTT
Director

June 22, 2016

William and Susan Terrell
P.O. Box 1133
Jacksonville, NC 28541

RE: Water Supply Well Sampling Results
158 Bridget Lane Jacksonville, NC 28541
Ray's Rural Dump
NONCD0000481
Jacksonville, Onslow County

Dear Mr. and Mrs. Terrell:

The sample analytical results for a water sample collected on May 26, 2016 from your well located at the address referenced above are provided with this letter. The sample was submitted for laboratory analyses for volatile organic compounds (VOCs), semi volatile organics (SVOCs) and inorganic substances (Metals, Nitrate, Sulfate, and Ammonia). The level of volatiles and inorganics detected should not result in any adverse health effects associated with any of the substances noted. Please note, the metal detections in the water sample as shown on the attached sheets are naturally occurring in North Carolina and are within the normal range for your area.

If you have any questions, please contact me at (919) 707- 8155 or Cheryl Marks at (919) 707-8333.

Sincerely,

Katie Tatum, Environmental Specialist
Inactive Hazardous Sites Branch
Division of Waste Management, NCDEQ

Enclosures: Laboratory Analytical Data for: 158 Bridget Lane Jacksonville, NC 28541

Report of Analysis

Page 1 of 1

Client Sample ID:	WELL-158 BRIDGETT	Date Sampled:	05/26/16
Lab Sample ID:	FA34294-1	Date Received:	05/27/16
Matrix:	AQ - Water	Percent Solids:	n/a
Method:	SW846 8260B BY SIM		
Project:	Ray's Rural Dump; Bridget Lane, Jacksonville, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	Z41147.D	1	05/31/16	MM	n/a	n/a	VZ1547
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	ND	0.0010	0.00030	mg/l	
CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
17060-07-0	1,2-Dichloroethane-D4	104%		74-125%		
2037-26-5	Toluene-D8	102%		88-111%		

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 2

Client Sample ID:	WELL-158 BRIDGETT	Date Sampled:	05/26/16
Lab Sample ID:	FA34294-1	Date Received:	05/27/16
Matrix:	AQ - Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	Ray's Rural Dump; Bridget Lane, Jacksonville, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	B114195.D	1	06/02/16	WV	n/a	n/a	VB4603
Run #2							

Run #	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List (SOM02.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	0.025	0.010	mg/l	
71-43-2	Benzene	ND	0.0010	0.00020	mg/l	
74-97-5	Bromochloromethane	ND	0.0010	0.00042	mg/l	
75-27-4	Bromodichloromethane	0.0013	0.0010	0.00024	mg/l	
75-25-2	Bromoform	ND	0.0010	0.00046	mg/l	
78-93-3	2-Butanone (MEK)	ND	0.0050	0.0026	mg/l	
75-15-0	Carbon Disulfide	ND	0.0020	0.00023	mg/l	
56-23-5	Carbon Tetrachloride	ND	0.0010	0.00030	mg/l	
108-90-7	Chlorobenzene	ND	0.0010	0.00020	mg/l	
75-00-3	Chloroethane	ND	0.0020	0.00063	mg/l	
67-66-3	Chloroform	0.0101	0.0010	0.00030	mg/l	
110-82-7	Cyclohexane	ND	0.0010	0.00026	mg/l	
124-48-1	Dibromochloromethane	0.00028	0.0010	0.00026	mg/l	J
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0050	0.00081	mg/l	
106-93-4	1,2-Dibromoethane	ND	0.0020	0.00033	mg/l	
75-71-8	Dichlorodifluoromethane	ND	0.0020	0.00050	mg/l	
95-50-1	1,2-Dichlorobenzene	ND	0.0010	0.00027	mg/l	
541-73-1	1,3-Dichlorobenzene	ND	0.0010	0.00024	mg/l	
106-46-7	1,4-Dichlorobenzene	ND	0.0010	0.00039	mg/l	
75-34-3	1,1-Dichloroethane	ND	0.0010	0.00026	mg/l	
107-06-2	1,2-Dichloroethane	ND	0.0010	0.00028	mg/l	
75-35-4	1,1-Dichloroethylene	ND	0.0010	0.00022	mg/l	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0010	0.00031	mg/l	
156-60-5	trans-1,2-Dichloroethylene	ND	0.0010	0.00033	mg/l	
78-87-5	1,2-Dichloropropane	ND	0.0010	0.00034	mg/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0010	0.00026	mg/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0010	0.00025	mg/l	
100-41-4	Ethylbenzene	ND	0.0010	0.00025	mg/l	
76-13-1	Freon 113	ND	0.0010	0.00032	mg/l	
591-78-6	2-Hexanone	ND	0.010	0.0020	mg/l	
98-82-8	Isopropylbenzene	ND	0.0010	0.00033	mg/l	
79-20-9	Methyl Acetate	ND	0.020	0.0050	mg/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 2 of 2

Client Sample ID: WELL-158 BRIDGETT	Date Sampled: 05/26/16
Lab Sample ID: FA34294-1	Date Received: 05/27/16
Matrix: AQ - Water	Percent Solids: n/a
Method: SW846 8260B	
Project: Ray's Rural Dump; Bridget Lane, Jacksonville, NC	

VOA TCL List (SOM02.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
74-83-9	Methyl Bromide	ND	0.0020	0.00050	mg/l	
74-87-3	Methyl Chloride	ND	0.0020	0.00050	mg/l	
108-87-2	Methylcyclohexane	ND	0.0010	0.00023	mg/l	
75-09-2	Methylene Chloride	ND	0.0050	0.0020	mg/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	0.0050	0.0014	mg/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0010	0.00020	mg/l	
100-42-5	Styrene	ND	0.0010	0.00024	mg/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0010	0.00033	mg/l	
127-18-4	Tetrachloroethylene	ND	0.0010	0.00030	mg/l	
108-88-3	Toluene	ND	0.0010	0.00020	mg/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0020	0.00051	mg/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0020	0.00050	mg/l	
71-55-6	1,1,1-Trichloroethane	ND	0.0010	0.00020	mg/l	
79-00-5	1,1,2-Trichloroethane	ND	0.0010	0.00037	mg/l	
79-01-6	Trichloroethylene	ND	0.0010	0.00027	mg/l	
75-69-4	Trichlorofluoromethane	ND	0.0020	0.00050	mg/l	
75-01-4	Vinyl Chloride	ND	0.0010	0.00031	mg/l	
	m,p-Xylene	ND	0.0020	0.00030	mg/l	
95-47-6	o-Xylene	ND	0.0010	0.00026	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		83-118%
17060-07-0	1,2-Dichloroethane-D4	92%		79-125%
2037-26-5	Toluene-D8	101%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

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J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 3

Client Sample ID:	WELL-158 BRIDGETT	Date Sampled:	05/26/16
Lab Sample ID:	FA34294-1	Date Received:	05/27/16
Matrix:	AQ - Water	Percent Solids:	n/a
Method:	SW846 8270D SW846 3510C		
Project:	Ray's Rural Dump; Bridget Lane, Jacksonville, NC		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X046691.D	1	06/01/16	MV	05/31/16	OP60631	SX2054
Run #2							

Run #	Initial Volume	Final Volume
Run #1	1030 ml	1.0 ml
Run #2		

ABN TCL (SOM01.1) List

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	0.0097	0.0024	mg/l	
59-50-7	4-Chloro-3-methyl Phenol	ND	0.0049	0.00072	mg/l	
95-57-8	2-Chlorophenol	ND	0.0049	0.00062	mg/l	
120-83-2	2,4-Dichlorophenol	ND	0.0049	0.00061	mg/l	
105-67-9	2,4-Dimethylphenol	ND	0.0049	0.00067	mg/l	
51-28-5	2,4-Dinitrophenol	ND	0.024	0.0049	mg/l	
534-52-1	4,6-Dinitro-o-cresol	ND	0.0097	0.0019	mg/l	
95-48-7	2-Methylphenol	ND	0.0049	0.00056	mg/l	
	3&4-Methylphenol	ND	0.0049	0.0010	mg/l	
88-75-5	2-Nitrophenol	ND	0.0049	0.00060	mg/l	
100-02-7	4-Nitrophenol	ND	0.024	0.0049	mg/l	
87-86-5	Pentachlorophenol	ND	0.024	0.0049	mg/l	
108-95-2	Phenol	ND	0.0049	0.00049	mg/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	0.0049	0.00088	mg/l	
95-95-4	2,4,5-Trichlorophenol	ND	0.0049	0.00097	mg/l	
88-06-2	2,4,6-Trichlorophenol	ND	0.0049	0.00084	mg/l	
83-32-9	Acenaphthene	ND	0.0049	0.00054	mg/l	
208-96-8	Acenaphthylene	ND	0.0049	0.00056	mg/l	
98-86-2	Acetophenone	ND	0.0049	0.00069	mg/l	
120-12-7	Anthracene	ND	0.0049	0.00060	mg/l	
1912-24-9	Atrazine	ND	0.0049	0.00061	mg/l	
100-52-7	Benzaldehyde	ND	0.024	0.0049	mg/l	
56-55-3	Benzo(a)anthracene	ND	0.0049	0.00049	mg/l	
50-32-8	Benzo(a)pyrene	ND	0.0049	0.00049	mg/l	
205-99-2	Benzo(b)fluoranthene	ND	0.0049	0.00052	mg/l	
191-24-2	Benzo(g,h,i)perylene	ND	0.0049	0.00049	mg/l	
207-08-9	Benzo(k)fluoranthene	ND	0.0049	0.00061	mg/l	
92-52-4	1,1'-Biphenyl	ND	0.0049	0.00049	mg/l	
101-55-3	4-Bromophenyl Phenyl Ether	ND	0.0049	0.00049	mg/l	
85-68-7	Butyl Benzyl Phthalate	ND	0.0049	0.00097	mg/l	
86-74-8	Carbazole	ND	0.0049	0.00055	mg/l	
106-47-8	4-Chloroaniline	ND	0.0049	0.00069	mg/l	

ND = Not detected MDL = Method Detection Limit

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B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Page 2 of 3

Client Sample ID:	WELL-158 BRIDGETT	Date Sampled:	05/26/16
Lab Sample ID:	FA34294-1	Date Received:	05/27/16
Matrix:	AQ - Water	Percent Solids:	n/a
Method:	SW846 8270D SW846 3510C		
Project:	Ray's Rural Dump; Bridget Lane, Jacksonville, NC		

ABN TCL (SOM01.1) List

CAS No.	Compound	Result	RL	MDL	Units	Q
111-91-1	bis(2-Chloroethoxy)methane	ND	0.0049	0.00066	mg/l	
111-44-4	bis(2-Chloroethyl)ether	ND	0.0049	0.00067	mg/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	0.0049	0.00067	mg/l	
91-58-7	2-Chloronaphthalene	ND	0.0049	0.00049	mg/l	
7005-72-3	4-Chlorophenyl Phenyl Ether	ND	0.0049	0.00056	mg/l	
218-01-9	Chrysene	ND	0.0049	0.00051	mg/l	
53-70-3	Dibenzo(a,h)anthracene	ND	0.0049	0.00074	mg/l	
132-64-9	Dibenzofuran	ND	0.0049	0.00065	mg/l	
91-94-1	3,3'-Dichlorobenzidine	ND	0.0049	0.00049	mg/l	
84-66-2	Diethyl Phthalate	ND	0.0049	0.00097	mg/l	
131-11-3	Dimethyl Phthalate	ND	0.0049	0.00097	mg/l	
84-74-2	Di-n-butyl Phthalate	ND	0.0049	0.00097	mg/l	
117-84-0	Di-n-octyl Phthalate	ND	0.0049	0.00097	mg/l	
121-14-2	2,4-Dinitrotoluene	ND	0.0049	0.00061	mg/l	
606-20-2	2,6-Dinitrotoluene	ND	0.0049	0.00057	mg/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	0.0049	0.00097	mg/l	
206-44-0	Fluoranthene	ND	0.0049	0.00049	mg/l	
86-73-7	Fluorene	ND	0.0049	0.00063	mg/l	
118-74-1	Hexachlorobenzene	ND	0.0049	0.00053	mg/l	
87-68-3	Hexachlorobutadiene	ND	0.0049	0.00050	mg/l	
77-47-4	Hexachlorocyclopentadiene	ND	0.0049	0.00097	mg/l	
67-72-1	Hexachloroethane	ND	0.0049	0.00050	mg/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.0049	0.00049	mg/l	
78-59-1	Isophorone	ND	0.0049	0.00065	mg/l	
91-57-6	2-Methylnaphthalene	ND	0.0049	0.00054	mg/l	
91-20-3	Naphthalene	ND	0.0049	0.00049	mg/l	
88-74-4	2-Nitroaniline	ND	0.0049	0.00068	mg/l	
99-09-2	3-Nitroaniline	ND	0.0049	0.00073	mg/l	
100-01-6	4-Nitroaniline	ND	0.0049	0.00070	mg/l	
98-95-3	Nitrobenzene	ND	0.0049	0.00064	mg/l	
621-64-7	N-Nitrosodi-n-propylamine	ND	0.0049	0.00057	mg/l	
86-30-6	N-Nitrosodiphenylamine	ND	0.0049	0.00067	mg/l	
85-01-8	Phenanthrene	ND	0.0049	0.00058	mg/l	
129-00-0	Pyrene	ND	0.0049	0.00054	mg/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	0.0049	0.00049	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	36%		14-67%
4165-62-2	Phenol-d5	24%		10-50%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Page 3 of 3

Client Sample ID:	WELL-158 BRIDGETT	Date Sampled:	05/26/16
Lab Sample ID:	FA34294-1	Date Received:	05/27/16
Matrix:	AQ - Water	Percent Solids:	n/a
Method:	SW846 8270D SW846 3510C		
Project:	Ray's Rural Dump; Bridget Lane, Jacksonville, NC		

ABN TCL (SOM1.1) List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
118-79-6	2,4,6-Tribromophenol	76%		33-118%
4165-60-0	Nitrobenzene-d5	74%		42-108%
321-60-8	2-Fluorobiphenyl	78%		40-106%
1718-51-0	Terphenyl-d14	86%		39-121%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Page 1 of 1

Client Sample ID: WELL-158 BRIDGETT

Lab Sample ID: FA34294-1

Matrix: AQ - Water

Date Sampled: 05/26/16

Date Received: 05/27/16

Percent Solids: n/a

Project: Ray's Rural Dump; Bridget Lane, Jacksonville, NC

Total Metals Analysis

Analyte	Result	RL	MDL	Units	DF	Prep	Analyzed By	Method	Prep Method	
Antimony ^a	ND	0.0020	0.00026	mg/l	1	06/01/16	06/01/16	ANJ	EPA 200.8 ²	EPA 200.8 ⁵
Arsenic ^a	0.000043 J	0.0010	0.000034	mg/l	1	06/01/16	06/01/16	ANJ	EPA 200.8 ²	EPA 200.8 ⁵
Beryllium ^a	ND	0.00050	0.000013	mg/l	1	06/01/16	06/01/16	ANJ	EPA 200.8 ²	EPA 200.8 ⁵
Cadmium ^a	ND	0.00050	0.00012	mg/l	1	06/01/16	06/01/16	ANJ	EPA 200.8 ²	EPA 200.8 ⁵
Chromium ^a	0.00033 J	0.0040	0.00010	mg/l	1	06/01/16	06/01/16	ANJ	EPA 200.8 ²	EPA 200.8 ⁵
Copper ^a	0.0402	0.0040	0.00014	mg/l	1	06/01/16	06/01/16	ANJ	EPA 200.8 ²	EPA 200.8 ⁵
Iron ^a	0.0167 J	0.050	0.0020	mg/l	1	06/01/16	06/01/16	ANJ	EPA 200.8 ²	EPA 200.8 ⁵
Lead ^a	0.0036	0.00050	0.000011	mg/l	1	06/01/16	06/01/16	ANJ	EPA 200.8 ²	EPA 200.8 ⁵
Manganese ^a	0.00077 J	0.0010	0.000095	mg/l	1	06/01/16	06/01/16	ANJ	EPA 200.8 ²	EPA 200.8 ⁵
Mercury	ND	0.00050	0.000030	mg/l	1	06/03/16	06/03/16	JL	EPA 245.1 ¹	EPA 245.1 ⁴
Nickel ^a	0.0016 J	0.0040	0.00011	mg/l	1	06/01/16	06/01/16	ANJ	EPA 200.8 ²	EPA 200.8 ⁵
Selenium ^a	ND	0.0010	0.00012	mg/l	1	06/01/16	06/01/16	ANJ	EPA 200.8 ²	EPA 200.8 ⁵
Silver ^a	ND	0.0020	0.000041	mg/l	1	06/01/16	06/01/16	ANJ	EPA 200.8 ²	EPA 200.8 ⁵
Thallium ^a	0.000016 J	0.00050	0.000013	mg/l	1	06/01/16	06/01/16	ANJ	EPA 200.8 ²	EPA 200.8 ⁵
Zinc ^a	0.670	0.020	0.0024	mg/l	2	06/01/16	06/08/16	ANJ	EPA 200.8 ³	EPA 200.8 ⁵

(1) Instrument QC Batch: MA13198

(2) Instrument QC Batch: N:MA39541

(3) Instrument QC Batch: N:MA39591

(4) Prep QC Batch: MP30433

(5) Prep QC Batch: N:MP94037

(a) Analysis performed at Accutest Laboratories, Dayton, NJ.

RL = Reporting Limit
MDL = Method Detection Limit

ND = Not detected
J = Indicates a result \geq MDL but $<$ RL

Report of Analysis

Page 1 of 1

Client Sample ID: WELL-158 BRIDGETT

Lab Sample ID: FA34294-1

Matrix: AQ - Water

Date Sampled: 05/26/16

Date Received: 05/27/16

Percent Solids: n/a

Project: Ray's Rural Dump; Bridget Lane, Jacksonville, NC

General Chemistry

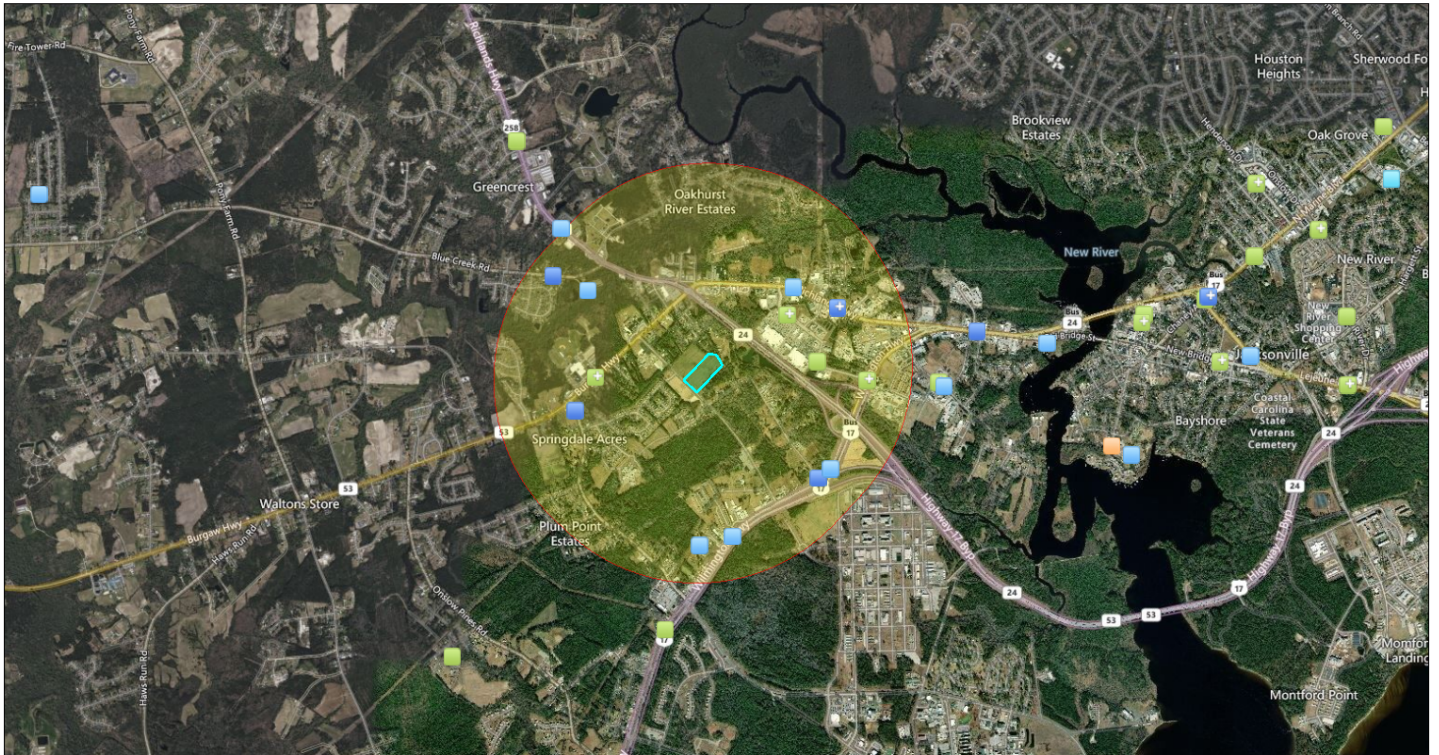
Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Nitrogen, Ammonia	0.21	0.10	0.030	mg/l	1	06/08/16 14:16 JK		EPA 350.1
Nitrogen, Nitrate	0.078 J	0.10	0.050	mg/l	1	05/27/16 14:20 LJ		EPA 300/SW846 9056A
Sulfate	1.8 J	2.0	0.60	mg/l	1	05/27/16 14:20 LJ		EPA 300/SW846 9056A

RL = Reporting Limit
MDL = Method Detection Limit

ND = Not detected
J = Indicates a result \geq MDL but $<$ RL

NEPAssist Report

Crestfield Point Apartments - EPA Facilities 1-mile



June 29, 2022

- Brownfields (ACRES)
- Toxic Releases (TRI)
- Water Dischargers (NPDES)
- Air Pollution (ICIS-AIR)
- Air Pollution (ICIS-AIR)
- Hazardous Waste (RCRAInfo)
- Hazardous Waste (RCRAInfo)
- Project Buffer
- Crestfield Point Apartments - EPA Facilities 1-mile

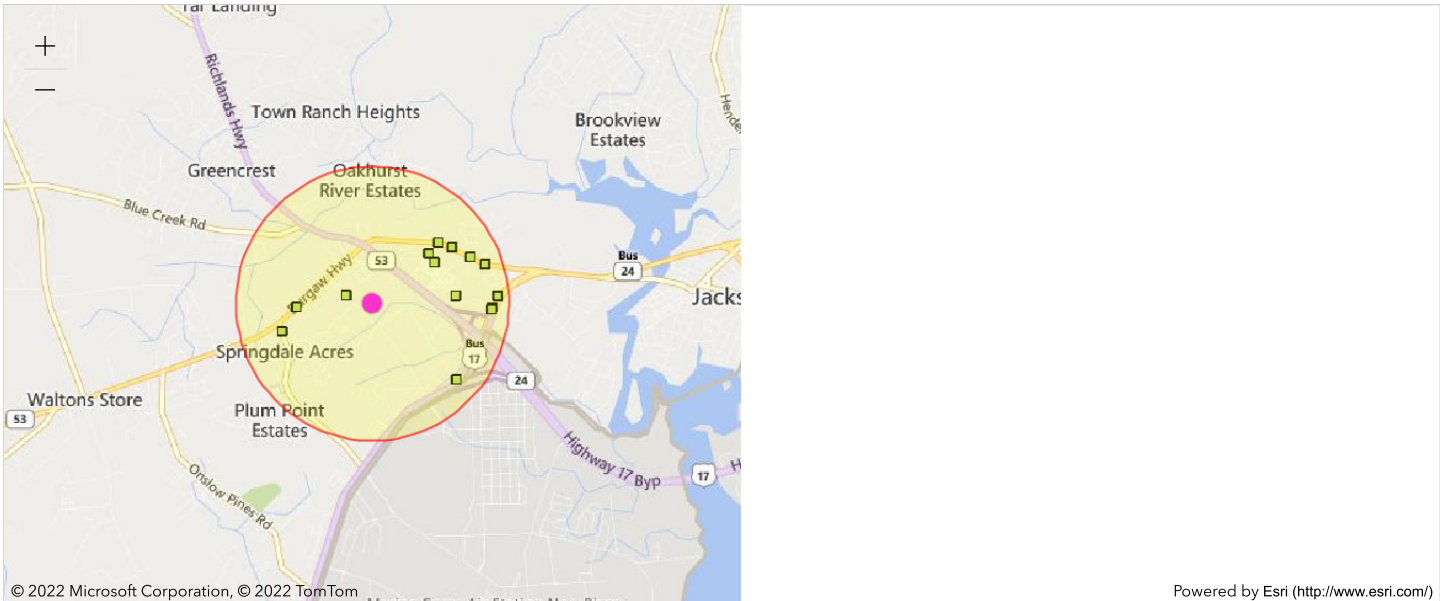
1:36,690
0 0.38 0.75 1.5 mi
0 0.5 1 2 km
© 2022 Microsoft Corporation © 2022 Maxar © CNES (2022)
Distribution Airbus DS © 2022 TomTom

Input Coordinates: 34.748202,-77.472863,34.750184,-77.470511,34.750106,-77.469816,34.749331,-77.469258,34.747243,-77.471627,34.748202,-77.472863

Project Area	0.02 sq mi
Within 1 mile of an Ozone 8-hr (1997 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of an Ozone 8-hr (2008 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a Lead (2008 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a SO2 1-hr (2010 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a PM2.5 24hr (2006 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a PM2.5 Annual (1997 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a PM2.5 Annual (2012 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a PM10 (1987 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a Federal Land?	yes
Within 1 mile of an impaired stream?	yes
Within 1 mile of an impaired waterbody?	yes
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?	no
Within 1 mile of a Superfund site?	no
Within 1 mile of a Toxic Release Inventory (TRI) site?	no
Within 1 mile of a water discharger (NPDES)?	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?	no
Within 1 mile of a Toxic Substances Control Act (TSCA) site?	no
Within 1 mile of a Land Cession Boundary?	no
Within 1 mile of a tribal area (lower 48 states)?	no
Within 1 mile of the service area of a mitigation or conservation bank?	yes
Within 1 mile of the service area of an In-Lieu-Fee Program?	yes

Created on: 6/29/2022 3:44:02 PM



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

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

1

meters

Submit

Name

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NEPAssist Report

Crestfield Point Apartments - EPA Facilities 0.5-mile



June 27, 2022

- Water Dischargers (NPDES)
- Air Pollution (ICIS-AIR)
- Hazardous Waste (RCRAInfo)
- Hazardous Waste (RCRAInfo)
- Project Buffer
- Crestfield Point Apartments - EPA Facilities 0.5-mile

1:18,345

0 0.17 0.35 0.7 mi
0 0.3 0.6 1.2 km

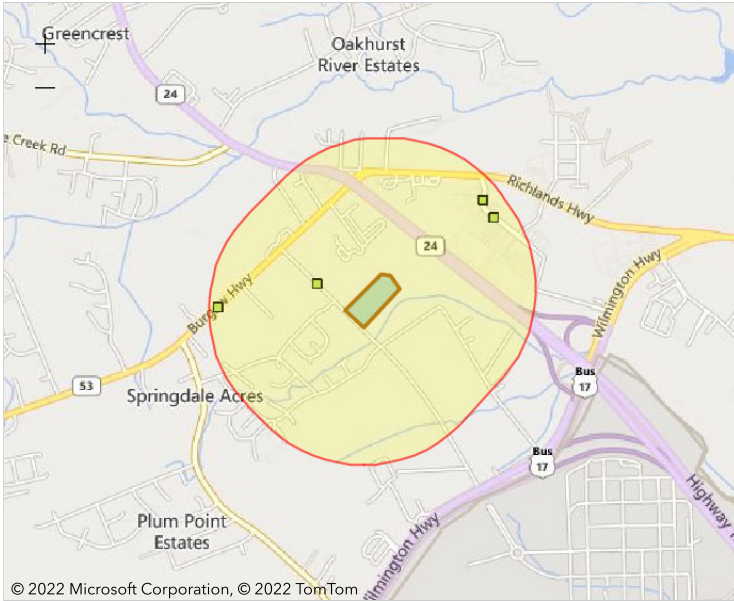
NC CGIA, Maxar, State of North Carolina DOT, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc., METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA

Input Coordinates: 34.748239,-77.472830,34.750115,-77.470564,34.750101,-77.469903,34.749396,-77.469328,34.747294,-77.471671,34.748239,-77.472830

Project Area	0.02 sq mi
Within 0.5 miles of an Ozone 8-hr (1997 standard) Non-Attainment/Maintenance Area?	no
Within 0.5 miles of an Ozone 8-hr (2008 standard) Non-Attainment/Maintenance Area?	no
Within 0.5 miles of a Lead (2008 standard) Non-Attainment/Maintenance Area?	no
Within 0.5 miles of a SO2 1-hr (2010 standard) Non-Attainment/Maintenance Area?	no
Within 0.5 miles of a PM2.5 24hr (2006 standard) Non-Attainment/Maintenance Area?	no
Within 0.5 miles of a PM2.5 Annual (1997 standard) Non-Attainment/Maintenance Area?	no
Within 0.5 miles of a PM2.5 Annual (2012 standard) Non-Attainment/Maintenance Area?	no
Within 0.5 miles of a PM10 (1987 standard) Non-Attainment/Maintenance Area?	no
Within 0.5 miles of a Federal Land?	no
Within 0.5 miles of an impaired stream?	yes
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?	no
Within 0.5 miles of a Superfund site?	no
Within 0.5 miles of a Toxic Release Inventory (TRI) site?	no
Within 0.5 miles of a water discharger (NPDES)?	no
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 Toxic Substances Control Act (TSCA) 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

Created on: 6/27/2022 4:03:35 PM



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Powered by Esri (<http://www.esri.com/>)**Report question: Within 0.5 of a Hazardous waste site? yes**

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

 Name☐ WALMART SUPERCENTER #3864 (JACKSONVILLE, NC) ([https://enviro.epa.gov/enviro/efsystemquery.rcrainfo?](https://enviro.epa.gov/enviro/efsystemquery.rcrainfo?fac_search=handler_id&fac_search_type=Equal+To&postal_code=&location_address=&add_search_type=Beginning+With&city_name=&county_name=&state_code=&naics_type=Equal+to&naics_to=&univ_search=0&univA:)☐ SALLY BEAUTY SUPPLY #10476 (JACKSONVILLE, NC) ([https://enviro.epa.gov/enviro/efsystemquery.rcrainfo?](https://enviro.epa.gov/enviro/efsystemquery.rcrainfo?fac_search=handler_id&fac_search_type=Equal+To&postal_code=&location_address=&add_search_type=Beginning+With&city_name=&county_name=&state_code=&naics_type=Equal+to&naics_to=&univ_search=0&univA:)☐ ONSLOW COUNTY BOARD OF EDUCATION (JACKSONVILLE, NC) ([https://enviro.epa.gov/enviro/efsystemquery.rcrainfo?](https://enviro.epa.gov/enviro/efsystemquery.rcrainfo?fac_search=handler_id&fac_search_type=Equal+To&postal_code=&location_address=&add_search_type=Beginning+With&city_name=&county_name=&state_code=&naics_type=Equal+to&naics_to=&univ_search=0&univA:)☐ MARLENE'S GARAGE (JACKSONVILLE, NC) ([https://enviro.epa.gov/enviro/efsystemquery.rcrainfo?](https://enviro.epa.gov/enviro/efsystemquery.rcrainfo?fac_search=handler_id&fac_search_type=Equal+To&postal_code=&location_address=&add_search_type=Beginning+With&city_name=&county_name=&state_code=&naics_type=Equal+to&naics_to=&univ_search=0&univA:)☐ MARLENE'S GARAGE (JACKSONVILLE, NC) ([https://enviro.epa.gov/enviro/efsystemquery.rcrainfo?](https://enviro.epa.gov/enviro/efsystemquery.rcrainfo?fac_search=handler_id&fac_search_type=Equal+To&postal_code=&location_address=&add_search_type=Beginning+With&city_name=&county_name=&state_code=&naics_type=Equal+to&naics_to=&univ_search=0&univA:)

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Data Disclaimer <<http://www.epa.gov/wastes/disclaimer2.htm>>

RCRAInfo Facility Information

<< Return

BOBS AUTO SALVAGE Handler ID: NCS000000811 2780 RICHLANDS HWY JACKSONVILLE, NC 28540 County Name: ONSLOW Latitude: 34.75524 Longitude: -77.46272 Hazardous Waste Generator: Owner Name:		<i>*You can navigate within the map with your mouse.</i>
---	--	--

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
YOPP ROBERT	2780 RICHLANDS HWY	JACKSONVILLE	NC	28540	910- 346- 3220	Public
ROBERT YOPP	RICHLANDS HWY	JACKSONVILLE	NC	28540	910- 346- 3220,	Permit

HANDLER / FACILITY CLASSIFICATION

Unspecified Universe for the facility listed above.

HANDLER TYPE

Not in a universe

No PROCESS INFORMATION is available for the facility listed above.

LIST OF NAICS CODES AND DESCRIPTIONS

NAICS CODE	NAICS DESCRIPTION
42193	RECYCLABLE MATERIAL WHOLESALERS

No Waste Codes are available for the facility listed above.

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Total Number of Facilities Retrieved: 1

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Data Disclaimer

<<http://www.epa.gov/wastes/disclaimer2.htm>>

RCRAInfo Facility Information

<< Return

<div><div>LOWE'S OF S. JACKSONVILLE #2737 Handler ID: NCR000171835 425 YOPP ROAD JACKSONVILLE, NC 28540 County Name: ONSLOW Latitude: 34.7496 Longitude: -77.4605 Hazardous Waste Generator: Small Quantity Generator Owner Name: LOWE'S HOME CENTERS, LLC</div></div>		<div><div><i>*You can navigate within the map with your mouse.</i></div></div>
--	--	--

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
TENBORG BOBBI	1000 LOWE'S BLVD.	MOORESVILLE	NC	28117	704- 758- 2955	Public
BOBBI TENBORG	LOWE'S BLVD.	MOORESVILLE	NC	28117	704- 758- 2955,	Permit

HANDLER / FACILITY CLASSIFICATION

Unspecified Universe for the facility listed above.

HANDLER TYPE

Small Quantity Generator

No PROCESS INFORMATION is available for the facility listed above.

LIST OF NAICS CODES AND DESCRIPTIONS

NAICS CODE	NAICS DESCRIPTION
444110	HOME CENTERS

LIST OF WASTE CODES AND DESCRIPTIONS

WASTE CODE	WASTE DESCRIPTION
D001	IGNITABLE WASTE
D002	CORROSIVE WASTE
D004	ARSENIC
D005	BARIUM
D007	CHROMIUM
D008	LEAD
D009	MERCURY
D011	SILVER
D016	2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)
D018	BENZENE
D027	1,4-DICHLOROBENZENE
D035	METHYL ETHYL KETONE
D039	TETRACHLOROETHYLENE
U002	2-PROPANONE (I) (OR) ACETONE (I)
U072	BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE
U134	HYDROFLUORIC ACID (C,T) (OR) HYDROGEN FLUORIDE (C,T)
U154	METHANOL (I) (OR) METHYL ALCOHOL (I)
U159	2-BUTANONE (I,T) (OR) METHYL ETHYL KETONE (MEK) (I,T)
U165	NAPHTHALENE
U210	ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE
U240	2,4-D, SALTS & ESTERS (OR) ACETIC ACID, (2,4-DICHLOROPHENOXY)-, SALTS & ESTERS (OR) DICHLOROPHENOXYACETIC ACID 2,4-D
U249	ZINC PHOSPHIDE ZN ₃ P ₂ , WHEN PRESENT AT CONCENTRATIONS OF 10% OR LESS
U279	CARBARYL (OR) 1-NAPHTHALENOL, METHYLCARBAMATE

U411	PHENOL, 2-(1-METHYLETHOXY)-, METHYLCARBAMATE (OR) PROPOXUR
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Total Number of Facilities Retrieved: 1

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Detailed Facility Report

Facility Summary

LOWE'S OF S. JACKSONVILLE #2737

425 YOPP ROAD, JACKSONVILLE, NC 28540

FRS (Facility Registry Service) ID: 110071193275
EPA Region: 04
Latitude: 34.7496
Longitude: -77.4605
Locational Data Source: FRS
Industries: Building Material and Garden Equipment and Supplies Dealers
Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
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): No Information
Resource Conservation and Recovery Act (RCRA): Active SQG, (NCR000171835)
Safe Drinking Water Act (SDWA): No Information
[Go To Enforcement/Compliance Details](#)
[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		110071193275					N	34.7496	-77.4605
RCRAInfo	RCRA	NCR000171835	SQG	Active (H)			N	34.751092	-77.460086

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110071193275	LOWE'S OF S. JACKSONVILLE #2737	425 YOPP ROAD, JACKSONVILLE, NC 28540	Onslow County
RCRAInfo	RCRA	NCR000171835	LOWE'S OF S. JACKSONVILLE #2737	425 YOPP ROAD, JACKSONVILLE, NC 28540	Onslow County

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
RCRAInfo	NCR000171835	444110	Home Centers

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

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

Entries in italics are not counted in EPA compliance monitoring strategies or annual results.

Compliance Summary Data

Statute	Source ID	Current <u>SNC (Significant Noncompliance)</u> / <u>HPV (High Priority Violation)</u>	Current As Of	Qtrs with <u>NC (Noncompliance)</u> (of 12)	Data Last Refreshed
RCRA	NCR000171835	No	06/25/2022	0	06/24/2022

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA	(Source ID: NCR000171835)	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-03/31/21	04/01-06/30/21	07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/30/22
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency											

Informal Enforcement Actions

Last 5 Years

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

Environmental Conditions

Watersheds

12-Digit <u>WBD (Watershed Boundary Dataset)</u> <u>HUC (RAD (Reach Address Database))</u>	<u>WBD (Watershed Boundary Dataset)</u> <u>Subwatershed Name (RAD (Reach Address Database))</u>	State Water Body Name (<u>ICIS (Integrated Compliance Information System)</u>)	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with <u>ESA (Endangered Species Act)</u> -listed Aquatic Species?
--	---	--	---------------------------------	--------------------------------------	--	---

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	Aquatic Life	Fish Consumption Use	Recreation Use	Other Use
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)
No data records returned				

Pollutants

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

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

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

Chemical Name
No data records returned

Community

EJScreen EJ Indexes

Twelve environmental justice (EJ) indexes of EJScreen, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. The index values below are for the Census block group or 1-mile maximum (US or State) in which the facility is located. Note that use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the [EJScreen home page](#).

Show EJ Indexes calculated based on:

Census Block Group - US

Census Block Group EJ Indexes (percentile)	
Particulate Matter 2.5	69.4
Ozone	72.5
Diesel Particulate Matter	67.7
Air Toxics Cancer Risk	73.8
Air Toxics Respiratory Hazard Index	71.1
Traffic Proximity	86.3
Lead Paint	77.8
Risk Management Plan (RMP) Facility Proximity	65.5
Hazardous Waste Proximity	66.6
Superfund Proximity	79.5
Underground Storage Tanks (UST)	89.8
Wastewater Discharge	--

Number of EJ Indexes Above 80th Percentile
2

[View EJScreen Report](#) (US/regional/state percentiles, 1-mile average)

Demographic Profile of Surrounding Area (1 mile)

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 2010 U.S. Census and 2015 - 2019 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA’s spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the [DEF Data Dictionary](#).

General Statistics (U.S. Census)	
Total Persons	3,034
Population Density	968/sq.mi.
Housing Units in Area	1,032

General Statistics (ACS (American Community Survey))	
Total Persons	1,973
Percent People of Color	45%
Households in Area	684
Households on Public Assistance	10
Persons With Low Income	979
Percent With Low Income	56%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	34.7496
Center Longitude	-77.4605
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	147 (21.52%)
\$15,000 - \$25,000	129 (18.89%)
\$25,000 - \$50,000	142 (20.79%)
\$50,000 - \$75,000	74 (10.83%)
Greater than \$75,000	191 (27.96%)

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	234 (8%)
Minors 17 years and younger	511 (17%)
Adults 18 years and older	2,523 (83%)
Seniors 65 years and older	119 (4%)

Race Breakdown (U.S. Census) - Persons (%)	
White	2,085 (69%)
African-American	569 (19%)
Hispanic-Origin	408 (13%)
Asian/Pacific Islander	54 (2%)
American Indian	30 (1%)
Other/Multiracial	296 (10%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	169 (13.67%)
9th through 12th Grade	194 (15.7%)
High School Diploma	438 (35.44%)
Some College/2-year	205 (16.59%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	156 (12.62%)

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<p>MARLENE'S GARAGE Handler ID: NCS000001025 305 BLUE CREEK SCHOOL RD JACKSONVILLE, NC 28540</p> <p>County Name: ONSLOW</p> <p>Latitude: 34.74964 Longitude: -77.47464</p> <p>Hazardous Waste Generator:</p> <p>Owner Name:</p>		<p><i>*You can navigate within the map with your mouse.</i></p>
---	--	---

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
GEORGE GEORGE	305 BLUE CREEK SCHOOL RD	JACKSONVILLE	NC	28540		Public
GEORGE GEORGE	BLUE CREEK SCHOOL RD	JACKSONVILLE	NC	28540	,	Permit

HANDLER / FACILITY CLASSIFICATION

Unspecified Universe for the facility listed above.

HANDLER TYPE

Not in a universe

No PROCESS INFORMATION is available for the facility listed above.

No NAICS Codes are available for the facility listed above.

No Waste Codes are available for the facility listed above.

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Detailed Facility Report

Facility Summary

MARLENE'S GARAGE

305 BLUE CREEK SCHOOL RD, JACKSONVILLE, NC 28540

FRS (Facility Registry Service) ID: 110035437710
EPA Region: 04
Latitude: 34.74964
Longitude: -77.47464
Locational Data Source: FRS
Industries: --
Indian Country: N

Enforcement and Compliance Summary

Statute	RCRA
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): No Information
Resource Conservation and Recovery Act (RCRA): Inactive Other, (NCS000001025)
Safe Drinking Water Act (SDWA): No Information
[Go To Enforcement/Compliance Details](#)
[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		110035437710					N	34.74964	-77.47464
RCRAInfo	RCRA	NCS000001025	Other	Inactive ()			N		

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110035437710	MARLENE'S GARAGE	305 BLUE CREEK SCHOOL RD, JACKSONVILLE, NC 28540	Onslow County
RCRAInfo	RCRA	NCS000001025	MARLENE'S GARAGE	305 BLUE CREEK SCHOOL RD, JACKSONVILLE, NC 28540	Onslow County

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
No data records returned			

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

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

Entries in italics are not counted in EPA compliance monitoring strategies or annual results.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	NCS000001025	No	06/25/2022	0	06/24/2022

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: NCS000001025)		07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-03/31/21	04/01-06/30/21	07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/30/22
	Facility-Level Status	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency											

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
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 Cost	Comp Action Cost
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?
--	---	---	---------------------------------	--------------------------------------	--	---

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	Aquatic Life	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)
-----------	-----------------------------------	---	---------------------------------	---

No data records returned

Pollutants

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

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases to Land	Total On-Site Releases	Total Off-Site Transfers
-----------------	------	---------------------	--------------------------	--	------------------------	------------------	------------------------	--------------------------

No data records returned

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

Chemical Name

No data records returned

Community

EJScreen EJ Indexes

Twelve environmental justice (EJ) indexes of EJScreen, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. The index values below are for the Census block group or 1-mile maximum (US or State) in which the facility is located. Note that use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the [EJScreen home page](#).

Show EJ Indexes calculated based on:

Census Block Group - US

Census Block Group EJ Indexes (percentile)	
Particulate Matter 2.5	69.4
Ozone	72.5
Diesel Particulate Matter	67.7
Air Toxics Cancer Risk	73.8
Air Toxics Respiratory Hazard Index	71.1
Traffic Proximity	86.3
Lead Paint	77.8
Risk Management Plan (RMP) Facility Proximity	65.5
Hazardous Waste Proximity	66.6
Superfund Proximity	79.5
Underground Storage Tanks (UST)	89.8
Wastewater Discharge	--

Number of EJ Indexes Above 80th Percentile
2

[View EJScreen Report](#) (US/regional/state percentiles, 1-mile average)

Demographic Profile of Surrounding Area (1 mile)

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 2010 U.S. Census and 2015 - 2019 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the [DFR Data Dictionary](#).

General Statistics (U.S. Census)	
Total Persons	2,965
Population Density	939/sq.mi.
Housing Units in Area	1,263

General Statistics (ACS (American Community Survey))	
Total Persons	2,517
Percent People of Color	37%
Households in Area	949
Households on Public Assistance	23
Persons With Low Income	1,293
Percent With Low Income	52%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	34.74964
Center Longitude	-77.47464
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	166 (17.49%)
\$15,000 - \$25,000	190 (20.02%)
\$25,000 - \$50,000	214 (22.55%)
\$50,000 - \$75,000	133 (14.01%)
Greater than \$75,000	246 (25.92%)

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	278 (9%)
Minors 17 years and younger	738 (25%)
Adults 18 years and older	2,227 (75%)
Seniors 65 years and older	148 (5%)

Race Breakdown (U.S. Census) - Persons (%)	
White	2,005 (68%)
African-American	514 (17%)
Hispanic-Origin	412 (14%)
Asian/Pacific Islander	62 (2%)
American Indian	27 (1%)
Other/Multiracial	357 (12%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	152 (9.74%)
9th through 12th Grade	180 (11.53%)
High School Diploma	603 (38.63%)
Some College/2-year	359 (23%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	119 (7.62%)

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<p>ONslow COUNTY BOARD OF EDUCATION</p> <p>Handler ID: NCR000173781</p> <p>1420 BURGAW HWY</p> <p>JACKSONVILLE, NC 28540</p> <p>County Name: ONSLOW</p> <p>Latitude: 34.7484</p> <p>Longitude: -77.48103</p> <p>Hazardous Waste Generator:</p> <p>Owner Name: ONSLOW COUNTY BOARD OF EDUCATION</p>		<p><i>*You can navigate within the map with your mouse.</i></p>
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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
WILLIAMS A WAYNE	1420 BURGAW HWY	JACKSONVILLE	NC	28540	910- 455- 2211	Public
WAYNE WILLIAMS	BURGAW HWY	JACKSONVILLE	NC	28540	910- 455- 2211,	Permit

HANDLER / FACILITY CLASSIFICATION

Unspecified Universe for the facility listed above.

HANDLER TYPE

Not in a universe

No PROCESS INFORMATION is available for the facility listed above.

LIST OF NAICS CODES AND DESCRIPTIONS

NAICS CODE	NAICS DESCRIPTION
61111	ELEMENTARY AND SECONDARY SCHOOLS

LIST OF WASTE CODES AND DESCRIPTIONS

WASTE CODE	WASTE DESCRIPTION
D009	MERCURY

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<div><div>SALLY BEAUTY SUPPLY #10476</div><div>Handler ID: NCR000176925</div><div>571 YOPP RD STE 301</div><div>JACKSONVILLE, NC 28540</div><div>County Name: ONSLOW</div><div>Latitude: 34.75407</div><div>Longitude: -77.46396</div><div>Hazardous Waste Generator: Very Small Quantity Generator</div><div>Owner Name: BAILEY AND ASSOCIATES INC</div></div>		<div><div></div><div><i>*You can navigate within the map with your mouse.</i></div></div>
---	--	---

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
MIDDLETON DEBBIE	3001 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.

HANDLER TYPE

Very Small Quantity Generator

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

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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<p>WALMART SUPERCENTER #3864 Handler ID: NCR000144899 561 YOPP RD JACKSONVILLE, NC 28540</p> <p>County Name: ONSLOW</p> <p>Latitude: 34.75314 Longitude: -77.46326</p> <p>Hazardous Waste Generator: Very Small Quantity Generator</p> <p>Owner Name: WAL-MART STORES EAST, LP</p>		<p><i>*You can navigate within the map with your mouse.</i></p>
--	--	---

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
CLARK CASSIE	P.O. BOX 8041	BENTONVILLE	AR	72712- 8041	479- 204- 6188	Public
CASSIE CLARK	P.O. BOX 8041	BENTONVILLE	AR	72712- 8041	479- 204- 6188,	Permit

HANDLER / FACILITY CLASSIFICATION

Unspecified Universe for the facility listed above.

HANDLER TYPE

Very Small Quantity Generator

No PROCESS INFORMATION is available for the facility listed above.

LIST OF NAICS CODES AND DESCRIPTIONS

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

LIST OF WASTE CODES AND DESCRIPTIONS

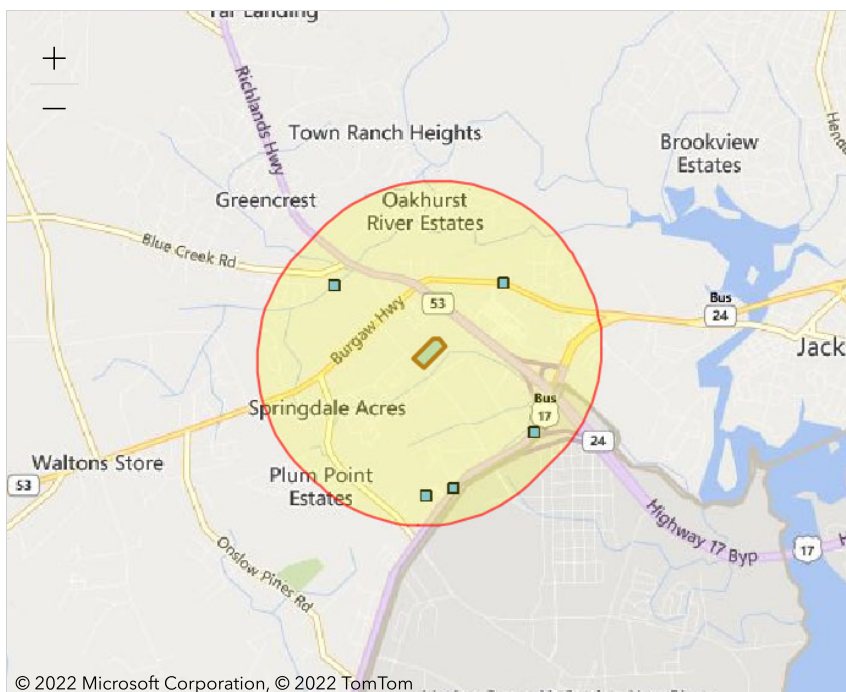
WASTE CODE	WASTE DESCRIPTION
D001	IGNITABLE WASTE
D002	CORROSIVE WASTE
D003	REACTIVE WASTE
D004	ARSENIC
D005	BARIUM
D006	CADMIUM
D007	CHROMIUM
D008	LEAD
D009	MERCURY
D010	SELENIUM
D011	SILVER
D013	LINDANE (1,2,3,4,5,6-HEXA-CHLOROCYCLOHEXANE, GAMMA ISOMER)
D016	2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)
D018	BENZENE
D024	M-CRESOL
D025	P-CRESOL
D026	CRESOL
D027	1,4-DICHLOROBENZENE
D030	2,4-DINITROTOLUENE
D035	METHYL ETHYL KETONE
D039	TETRACHLOROETHYLENE
D040	TRICHLORETHYLENE

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%
P075	NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS
U002	2-PROPANONE (I) (OR) ACETONE (I)
U034	ACETALDEHYDE, TRICHLORO- (OR) CHLORAL
U035	BENZENEBUTANOIC 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)
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)
U210	ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE
U249	ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS OF 10% OR LESS
U279	CARBARYL (OR) 1-NAPHTHALENOL, METHYLCARBAMATE
U409	CARBAMIC ACID, [1,2-PHENYLENEBIS (IMINOCARBONOTHIOYL)]BIS-, DIMETHYL ESTER (OR) THIOPHANATE-METHYL
U411	PHENOL, 2-(1-METHYLETHOXY)-, METHYLCARBAMATE (OR) PROPOXUR

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Name	Distance
<input type="checkbox"/> SOUTHGATE MOBILE HOME PARK WWTP (JACKSONVILLE,NC) (https://enviro.epa.gov/enviro/ICIS_DETAIL_REPORTS_NPDESID.icis_tst?npvalue=1&npvalue=13&npvalue=14&npvalue=3&npvalue=4&npvalue=5&npvalue=6&rvalue=13&npvalue=2&npvalue=7&npvalue=8&npvalue=11&npvalue=12&npdesid=NC0051853)	0.81 mile
<input type="checkbox"/> BOBS AUTO SALVAGE - WEST JACKSONVILLE (JACKSONVILLE,NC) (https://enviro.epa.gov/enviro/ICIS_DETAIL_REPORTS_NPDESID.icis_tst?npvalue=1&npvalue=13&npvalue=14&npvalue=3&npvalue=4&npvalue=5&npvalue=6&rvalue=13&npvalue=2&npvalue=7&npvalue=8&npvalue=11&npvalue=12&npdesid=NCG100120)	0.54 mile
<input type="checkbox"/> OSPREY COVE SOUTH WWTP (JACKSONVILLE,NC) (https://enviro.epa.gov/enviro/ICIS_DETAIL_REPORTS_NPDESID.icis_tst?npvalue=1&npvalue=13&npvalue=14&npvalue=3&npvalue=4&npvalue=5&npvalue=6&rvalue=13&npvalue=2&npvalue=7&npvalue=8&npvalue=11&npvalue=12&npdesid=NC0028223)	0.78 mile
<input type="checkbox"/> BLUE CREEK WWTP (JACKSONVILLE,NC) (https://enviro.epa.gov/enviro/ICIS_DETAIL_REPORTS_NPDESID.icis_tst?npvalue=1&npvalue=13&npvalue=14&npvalue=3&npvalue=4&npvalue=5&npvalue=6&rvalue=13&npvalue=2&npvalue=7&npvalue=8&npvalue=11&npvalue=12&npdesid=NC0056952)	0.69 mile
<input type="checkbox"/> A-1 CLEANERS WWTP (JACKSONVILLE,NC) (https://enviro.epa.gov/enviro/ICIS_DETAIL_REPORTS_NPDESID.icis_tst?npvalue=1&npvalue=13&npvalue=14&npvalue=3&npvalue=4&npvalue=5&npvalue=6&rvalue=13&npvalue=2&npvalue=7&npvalue=8&npvalue=11&npvalue=12&npdesid=NC0002585)	0.79 mile

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ICIS Detailed Reports

[<< Return](#)

This page was created on JUN-29-2022

Results are based on data extracted on JUN-25-2022

Note: You are viewing results from the modernized data system, Integrated Compliance Information System (ICIS). The state reporting this data to EPA previously reported the data to a historic data system, Permit Compliance System (PCS).

Use the following button to view the historic data from PCS. **Run a PCS Search**

Facility

FACILITY NAME (1)	BOBS AUTO SALVAGE - WEST JACKSONVILLE	NPDES	NCG100120
STREET 1	2780 RICHLANDS HWY	SIC CODE	
CITY		MAJOR / MINOR	
COUNTY NAME	Onslow	TYPE OF OWNERSHIP	Privately Owned Facility
STATE	NC	ACTIVITY STATUS	Expired
ZIP CODE	28540	INACTIVE DATE	
REGION	Region 4	TYPE OF PERMIT ISSUED	General Permit Covered Facility
LATITUDE	34.7558	ORIGINAL PERMIT ISSUE DATE	19-MAY-2000
LONGITUDE	-77.4619	PERMIT ISSUED DATE	19-MAY-2000
LAT/LON CODE OF ACCURACY	3	PERMIT EXPIRED DATE	31-AUG-2002
LAT/LON METHOD			

LAT/LON SCALE		USGS HYDRO BASIN CODE	
LAT/LON DATUM		FLOW	
RECEIVING WATERS	Unnamed Tributary to New River (Ruf	FEDERAL GRANT IND	N
PRETREATMENT CODE		SLUDGE CLASS FAC IND	NON-POTW
MAILING NAME		SLUDGE RELATED PERMIT NUM	
MAILING STREET (1)		ANNUAL DRY SLUDGE PROD	
MAILING STREET (2)			
MAILING CITY			
MAILING STATE			
MAILING ZIP CODE			
COGNIZANT OFFICIAL	Robert Yopp, III	COGNIZANT OFFICIAL TEL	9103462463

Activity

FACILITY NAME (1)	BOBS AUTO SALVAGE - WEST JACKSONVILLE	NPDES	NCG100120
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ACTIVITY NAME	ACTIVITY TYPE DESCRIPTION	ACTIVITY STATUS DESCRIPTION	ACTIVITY STATUS DATE	ACTUAL BEGIN DATE	ACTUAL END DATE
NPDES Permit (CWA)	Permit				
NPDES Permit (CWA)	Permit				
NPDES Permit (CWA)	Permit	Active	19-FEB-2013		
NPDES Permit (CWA)	Permit	Active	19-FEB-2013		
BOB'S AUTO SALVAGE (Permit NCG100120) Compliance Eval (Non-Sampling)	Inspection/Evaluation		03-NOV-2009		03-NOV-2009
BOB'S AUTO SALVAGE (Permit NCG100120) Compliance Eval (Non-Sampling)	Inspection/Evaluation		03-NOV-2009		03-NOV-2009

Contacts

FACILITY NAME (1)	BOBS AUTO SALVAGE - WEST JACKSONVILLE	NPDES	NCG100120
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No Contacts Found.

Permit Tracking

FACILITY NAME (1)	BOBS AUTO SALVAGE - WEST JACKSONVILLE	NPDES	NCG100120
PERMIT ISSUED BY		ORIGINAL DATE OF ISSUE	19-MAY-2000
PERMIT ISSUED DATE	19-MAY-2000	PERMIT EXPIRED DATE	31-AUG-2002
EFFECTIVE DATE	19-MAY-2000	RETIREMENT DATE	31-OCT-2012

FACILITY NAME (1)	BOBS AUTO SALVAGE - WEST JACKSONVILLE	NPDES	NCG100120
--------------------------	---------------------------------------	--------------	-----------

PERMIT ISSUED BY		ORIGINAL DATE OF ISSUE	19-MAY-2000
PERMIT ISSUED DATE	01-NOV-2012	PERMIT EXPIRED DATE	31-OCT-2017
EFFECTIVE DATE	01-NOV-2012	RETIREMENT DATE	

Permit Tracking Events:

EVENT DESCRIPTION	EVENT DATE
Permit Expiration	31-OCT-2017
Permit Termination	13-DEC-2016
Permit Effective	01-NOV-2012
Permit Reissued	01-NOV-2012
Permit Issued	01-NOV-2012
Permit Retired	31-OCT-2012
Permit Expiration	31-AUG-2002
Permit Issued	19-MAY-2000
Permit Effective	19-MAY-2000

Schedule to Issue	19-MAY-2000
Draft Permit/Public Notice	19-MAY-2000
Application/NOI Received	09-DEC-1999

Inspections

FACILITY NAME (1)	BOBS AUTO SALVAGE - WEST JACKSONVILLE	NPDES	NCG100120
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INSPECTION TYPE	DATE OF INSPECTION	INSPECTION PERFORMED BY
BOB'S AUTO SALVAGE (Permit NCG100120) Compliance Eval (Non-Sampling)	03-NOV-2009	State
BOB'S AUTO SALVAGE (Permit NCG100120) Compliance Eval (Non-Sampling)	03-NOV-2009	State

Outfalls/Pipe Schedules

FACILITY NAME (1)	BOBS AUTO SALVAGE - WEST JACKSONVILLE	NPDES	NCG100120
OUTFALL TYPE		PIPE NUMBER	
ACTIVITY STATUS		REPORT DESIGNATOR	
LATITUDE		LONGITUDE	
LAT/LON ACCURACY		LAT/LON METHOD	
LAT/LON SCALE		LAT/LON DATUM	
INACTIVE DATE		USGS HYDRO BASIN CODE	
INIT DMR DUE DATE		SUBMISSION UNITS	
PIPE DESCRIPTION		UNITS IN SUBM. PERIOD	
INIT REPORTING DATE		REPORTING UNITS	
UNITS IN REPORTING PERIOD		DMR COMMENT	

Limits Report

FACILITY NAME (1)	BOBS AUTO SALVAGE - WEST JACKSONVILLE	NPDES	NCG100120
PIPE NUMBER			
PIPE DESCRIPTION		REPORT DESIGNATOR	
DMR COMMENT		LIMIT SET TYPE	

No ICIS Limits Report Found.

Measurements and Violations

FACILITY NAME (1)	BOBS AUTO SALVAGE - WEST JACKSONVILLE	NPDES	NCG100120
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No ICIS Measurements Information Found.

Compliance Schedules and Violations

FACILITY NAME (1)	BOBS AUTO SALVAGE - WEST JACKSONVILLE	NPDES	NCG100120
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No Compliance Schedules Found.

Pretreatment Inspections/Audits

FACILITY NAME (1)	BOBS AUTO SALVAGE - WEST JACKSONVILLE	NPDES	NCG100120
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No ICIS Pretreatment Inspections Found.

Pretreatment Performance Summary

FACILITY NAME (1)	BOBS AUTO SALVAGE - WEST JACKSONVILLE	NPDES	NCG100120
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No ICIS Pretreatment Performance Summary Information Found.

Note: You are viewing results from the modernized data system, Integrated Compliance Information System (ICIS). The state reporting this data to EPA previously reported the data to a historic data system, Permit Compliance System (PCS).

Use the following button to view the historic data from PCS. **Run a PCS Search**

Data Refresh Information <<https://epa.gov/resources/echo-data/about-the-data#sources>>



Detailed Facility Report

Facility Summary

BOB S AUTO SALVAGE

2780 RICHLAND S HIGHWAY, JACKSONVILLE, NC 28540

FRS (Facility Registry Service) ID: 110018778777

EPA Region: 04

Latitude: 34.75524

Longitude: -77.46272

Locational Data Source: FRS

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	CWA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	11/03/2009
Compliance Status	Terminated Permit
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)	--

Statute	RCRA
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): Minor, Permit Terminated; Compliance Tracking Off (NCG100120)

Resource Conservation and Recovery Act (RCRA): Inactive Other, (NCS000000811)

Safe Drinking Water Act (SDWA): No Information

[Go To Enforcement/Compliance Details](#)

[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		110018778777					N	34.75524	-77.46272
ICIS-NPDES	CWA	NCG100120	Minor: General Permit Covered Facility	Terminated; Compliance Tracking Off		10/31/2017	N	34.7558	-77.4619
RCRAInfo	RCRA	NCS000000811	Other	Inactive ()			N		

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110018778777	BOB S AUTO SALVAGE	2780 RICHLAND S HIGHWAY, JACKSONVILLE, NC 28540	Onslow County
ICIS-NPDES	CWA	NCG100120	BOBS AUTO SALVAGE - WEST JACKSONVILLE	2780 RICHLANDS HWY, JACKSONVILLE, NC 28540	Onslow County
RCRAInfo	RCRA	NCS000000811	BOBS AUTO SALVAGE	2780 RICHLANDS HWY, JACKSONVILLE, NC 28540	Onslow County

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
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No data records returned

Facility Industrial Effluent Guidelines

Identifier	Effluent Guideline (40 CFR Part)	Effluent Guideline Description
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No data records returned

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
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No data records returned

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

▼

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
RCRA	NCS000000811	RCRAInfo		FOCUSED COMPLIANCE INSPECTION	State	11/05/2018	No Violations Or Compliance Issues Were Found

Entries in italics are not counted in EPA compliance monitoring strategies or annual results.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CWA	NCG100120	No	03/31/2022	0	06/24/2022
RCRA	NCS000000811	No	06/25/2022	0	06/24/2022

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13+
CWA (Source ID: NCG100120)		04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-03/31/21	04/01-06/30/21	07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/24/22
	Facility-Level Status	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit	Terminated Permit
	Quarterly Noncompliance Report History													

Statute	Program/Pollutant/Violation Type		QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: NCS000000811)			07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-03/31/21	04/01-06/30/21	07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/30/22
	Facility-Level Status		No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
	Violation	Agency												

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 Cost	Comp Action Cost
---------	--------	-------------	-----------	----------------	----------	-------------	-----------	-------------------	---------------------	------------------------	--------------------------	------------------------------	--------------------------	----------	------------------

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?
030203020104	Blue Creek-New 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	Aquatic Life	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)
-----------	-----------------------------------	---	---------------------------------	---

No data records returned

Pollutants

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

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases 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

EJScreen EJ Indexes

Twelve environmental justice (EJ) indexes of EJScreen, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. The index values below are for the Census block group or 1-mile maximum (US or State) in which the facility is located. Note that use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the [EJScreen home page](#).

Show EJ Indexes calculated based on:

Census Block Group - US

Census Block Group EJ Indexes (percentile)	
Particulate Matter 2.5	48.8
Ozone	45.4
Diesel Particulate Matter	47.2
Air Toxics Cancer Risk	46.5
Air Toxics Respiratory Hazard Index	43.3
Traffic Proximity	21.4
Lead Paint	62.9
Risk Management Plan (RMP) Facility Proximity	46.6
Hazardous Waste Proximity	43.1
Superfund Proximity	28.2
Underground Storage Tanks (UST)	13
Wastewater Discharge	--

Number of EJ Indexes Above 80th Percentile
0

[View EJScreen Report](#) (US/regional/state percentiles, 1-mile average)

Demographic Profile of Surrounding Area (1 mile)

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 2010 U.S. Census and 2015 - 2019 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the [DFR Data Dictionary](#).

General Statistics (U.S. Census)	
Total Persons	2,071
Population Density	651/sq.mi.
Housing Units in Area	927

General Statistics (ACS (American Community Survey))	
Total Persons	1,712
Percent People of Color	43%
Households in Area	618
Households on Public Assistance	6
Persons With Low Income	832
Percent With Low Income	50%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	34.75524
Center Longitude	-77.46272
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	202 (10%)
Minors 17 years and younger	471 (23%)
Adults 18 years and older	1,601 (77%)
Seniors 65 years and older	119 (6%)

Race Breakdown (U.S. Census) - Persons (%)	
White	1,416 (68%)
African-American	370 (18%)
Hispanic-Origin	283 (14%)
Asian/Pacific Islander	48 (2%)
American Indian	16 (1%)
Other/Multiracial	222 (11%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	167 (14.38%)
9th through 12th Grade	175 (15.07%)
High School Diploma	365 (31.44%)
Some College/2-year	187 (16.11%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	191 (16.45%)

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	129 (20.91%)
\$15,000 - \$25,000	99 (16.05%)
\$25,000 - \$50,000	105 (17.02%)
\$50,000 - \$75,000	68 (11.02%)
Greater than \$75,000	216 (35.01%)

LAST UPDATED ON JUNE 24, 2022

[DATA REFRESH INFORMATION](#)



Detailed Facility Report

Facility Summary

A-1 CLEANERS AND LAUNDRY INCORPORATED

502 WILMINGTON HIGHWAY, JACKSONVILLE, NC 28546

FRS (Facility Registry Service) ID: 110006711148

EPA Region: 04

Latitude: 34.741445

Longitude: -77.459252

Locational Data Source: FRS

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	CWA
Compliance Monitoring Activities (5 years)	1
Date of Last Compliance Monitoring Activity	05/25/2022
Compliance Status	Violation Identified
Qtrs in Noncompliance (of 12)	11
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	8
Formal Enforcement Actions (5 years)	2
Penalties from Formal Enforcement Actions (5 years)	\$1,296
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Clean Water Act (CWA):

Minor, Permit Effective (NC0002585)

Resource Conservation and Recovery Act (RCRA):

No Information

Safe Drinking Water Act (SDWA):

No Information

Go To Enforcement/Compliance Details

Known Data Problems

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		<u>110006711148</u>					N	34.741445	-77.459252
ICIS-NPDES	CWA	NC0002585	Minor: NPDES Individual Permit	Effective		10/31/2022	N	34.7406	-77.4619

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		<u>110006711148</u>	A-1 CLEANERS AND LAUNDRY INCORPORATED	502 WILMINGTON HIGHWAY, JACKSONVILLE, NC 28546	Onslow County
ICIS-NPDES	CWA	NC0002585	A-1 CLEANERS WWTP	1600 WILMINGTON HWY, JACKSONVILLE, NC 28546	Onslow County

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
ICIS-NPDES	NC0002585	7215	Coin-Operated Laundries And Cleaning

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
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No data records returned

Facility Industrial Effluent Guidelines

Identifier	Effluent Guideline (40 CFR Part)	Effluent Guideline Description
NC0002585	401	General provisions

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

▼

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
CWA	NC0002585	ICIS-NPDES	Inspection/Evaluation	Base Program - Evaluation	State	05/25/2022	

Entries in italics are not counted in EPA compliance monitoring strategies or annual results.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CWA	NC0002585	No	03/31/2022	11	06/24/2022

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type				QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13+
CWA (Source ID: NC0002585)					04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-03/31/21	04/01-06/30/21	07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/24/22
	Facility-Level Status				Violation Identified	Violation Identified	Violation Identified	No Violation Identified	Violation Identified	Violation Identified	Violation Identified	Violation Identified	Violation Identified	Violation Identified	Violation Identified	Violation Identified	Undetermined
	Quarterly Noncompliance Report History				Reportable Noncompliance	Reportable Noncompliance	Reportable Noncompliance	Resolved	Reportable Noncompliance	Reportable Noncompliance	Reportable Noncompliance	Reportable Noncompliance	Reportable Noncompliance	Reportable Noncompliance	Reportable Noncompliance	Reportable Noncompliance	
	Pollutant	Disch Point	Mon Loc	Freq													
► CWA	<u>BOD, 5-day, 20 deg. C</u>	001 - M	Effluent Gross	Mthly	25%												
► CWA	<u>BOD, 5-day, 20 deg. C</u>	001 - M	Effluent Gross	NMth	100%		5%	76%	14%					5%			
► CWA	<u>Enterococci</u>	001 - M	Effluent Gross	Mthly									10%				
► CWA	<u>Enterococci</u>	001 - M	Effluent Gross	NMth			122%						234%	4%			
	Late or Missing Discharge Monitoring Report (DMR) Measurements																
	Counts of Missing DMR Measurements							<u>15</u>									

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
CWA	ICIS-NPDES	NC0002585	Base Program - Notice of Violation	State	08/03/2021
CWA	ICIS-NPDES	NC0002585	Base Program - Notice of Violation	State	06/02/2020
CWA	ICIS-NPDES	NC0002585	Base Program - Notice of Violation	State	02/27/2020
CWA	ICIS-NPDES	NC0002585	Base Program - Notice of Violation	State	12/19/2019
CWA	ICIS-NPDES	NC0002585	Base Program - Notice of Violation	State	08/07/2019
CWA	ICIS-NPDES	NC0002585	Base Program - Notice of Violation	State	05/10/2019
CWA	ICIS-NPDES	NC0002585	Base Program - Notice of Violation	State	02/06/2019
CWA	ICIS-NPDES	NC0002585	Base Program - Notice of Violation	State	04/03/2018

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 Cost	Comp Action Cost
CWA	ICIS-NPDES	OTHER	NPDES/NC0002585	Administrative - Formal	<u>NC-MV-2021-0007</u>	State	A-1 Cleaners & Laundry Inc	04/19/2021	1	04/19/2021	\$0	\$808	--	\$0	\$0

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 Cost	Comp Action Cost
CWA	ICIS-NPDES	OTHER	NPDES/NC0002585	Administrative - Formal	<u>NC-LV-2019-0149</u>	State	A-1 Cleaners & Laundry Inc	07/25/2019	1	07/25/2019	\$0	\$488	--	\$0	\$0

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?
030203020105	Wilson Bay-New River	BRINSON CREEK	No	No	Nitrogen, ammonia total (as N)	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	Aquatic Life	Fish Consumption Use	Recreation Use	Other Use
NC	2020	<u>NC19-12</u>	Brinson Creek	Impaired - 303(d) Listed - With Restoration Plan	ALGAL GROWTH METALS (OTHER THAN MERCURY)	--	Not Supporting	--	--	--

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 in Pounds per Year at Site

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases 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

EJScreen EJ Indexes

Twelve environmental justice (EJ) indexes of EJScreen, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. The index values below are for the Census block group or 1-mile maximum (US or State) in which the facility is located. Note that use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the [EJScreen home page](#).

Show EJ Indexes calculated based on:

Census Block Group - US

Census Block Group EJ Indexes (percentile)	
Particulate Matter 2.5	69.4
Ozone	72.5
Diesel Particulate Matter	67.7
Air Toxics Cancer Risk	73.8
Air Toxics Respiratory Hazard Index	71.1
Traffic Proximity	86.3
Lead Paint	77.8
Risk Management Plan (RMP) Facility Proximity	65.5
Hazardous Waste Proximity	66.6
Superfund Proximity	79.5
Underground Storage Tanks (UST)	89.8
Wastewater Discharge	--

Demographic Profile of Surrounding Area (1 mile)

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 2010 U.S. Census and 2015 - 2019 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA’s spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the [DFR Data Dictionary](#).

General Statistics (U.S. Census)	
Total Persons	3,244
Population Density	1,052/sq.mi.
Housing Units in Area	884

General Statistics (ACS (American Community Survey))	
Total Persons	2,329
Percent People of Color	46%
Households in Area	674
Households on Public Assistance	14
Persons With Low Income	1,002
Percent With Low Income	59%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	34.741445
Center Longitude	-77.459252
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	139 (20.62%)
\$15,000 - \$25,000	135 (20.03%)
\$25,000 - \$50,000	167 (24.78%)
\$50,000 - \$75,000	78 (11.57%)
Greater than \$75,000	155 (23%)

Number of EJ Indexes Above 80th Percentile
2

[View EJScreen Report](#) (US/regional/state percentiles, 1-mile average)

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	208 (6%)
Minors 17 years and younger	424 (13%)
Adults 18 years and older	2,820 (87%)
Seniors 65 years and older	72 (2%)

Race Breakdown (U.S. Census) - Persons (%)	
White	2,218 (68%)
African-American	616 (19%)
Hispanic-Origin	480 (15%)
Asian/Pacific Islander	53 (2%)
American Indian	40 (1%)
Other/Multiracial	317 (10%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	145 (11.94%)
9th through 12th Grade	184 (15.16%)
High School Diploma	461 (37.97%)
Some College/2-year	219 (18.04%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	128 (10.54%)

LAST UPDATED ON JUNE 24, 2022

DATA REFRESH INFORMATION



Detailed Facility Report

Facility Summary

SOUTHGATE MOBILE HOME PARK WWTP

US HIGHWAY 17 SOUTH, JACKSONVILLE, NC 28540

FRS (Facility Registry Service) ID: 110009844017

EPA Region: 04

Latitude: 34.7356

Longitude: -77.4714

Locational Data Source: NPDES

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	CWA
Compliance Monitoring Activities (5 years)	1
Date of Last Compliance Monitoring Activity	08/19/2021
Compliance Status	Violation Identified
Qtrs in Noncompliance (of 12)	8
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	4
Formal Enforcement Actions (5 years)	2
Penalties from Formal Enforcement Actions (5 years)	\$876
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): Minor, Permit Effective (NC0051853)

Resource Conservation and Recovery Act (RCRA): No Information

Safe Drinking Water Act (SDWA): No Information

[Go To Enforcement/Compliance Details](#)

[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		110009844017					N	34.7356	-77.4714
ICIS-NPDES	CWA	NC0051853	Minor: NPDES Individual Permit	Effective		06/30/2022	N	34.7372	-77.4714

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110009844017	SOUTHGATE MOBILE HOME PARK WWTP	US HIGHWAY 17 SOUTH, JACKSONVILLE, NC 28540	Onslow County
ICIS-NPDES	CWA	NC0051853	SOUTHGATE MOBILE HOME PARK WWTP	112 SCIENTIFIC LN, JACKSONVILLE, NC 28540	Onslow County

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
ICIS-NPDES	NC0051853	6515	Mobile Home Site Operators

Facility Industrial Effluent Guidelines

Identifier	Effluent Guideline (40 CFR Part)	Effluent Guideline Description
NC0051853	401	General provisions

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
No data records returned			

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History

Compliance Monitoring History

Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
CWA	NC0051853	ICIS-NPDES	Inspection/Evaluation	Base Program - Evaluation	State	08/19/2021	

Entries in italics are not counted in EPA compliance monitoring strategies or annual results.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CWA	NC0051853	No	03/31/2022	8	06/24/2022

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type				QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13+
CWA (Source ID: NC0051853)					04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-03/31/21	04/01-06/30/21	07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/24/22
	Facility-Level Status				Violation Identified	Violation Identified	Violation Identified	Violation Identified	No Violation Identified	Violation Identified	No Violation Identified	No Violation Identified	Violation Identified	Violation Identified	No Violation Identified	Violation Identified	Undetermined
	Quarterly Noncompliance Report History				Other Violation	Other Violation	Other Violation	Other Violation	Other Violation	Other Violation			Other Violation	Other Violation		Other Violation	
	Pollutant	Disch Point	Mon Loc	Freq													
► CWA	BOD 5-day, 20 deg. C	001 - M	Effluent Gross	NMth	140%			43%								20%	
► CWA	Flow in conduit or thru treatment plant	001 - M	Effluent Gross	Mthly				3%					210%				
► CWA	Nitrogen, ammonia total (as N)	001 - M	Effluent Gross	Mthly	38%	29%	2%									8%	
► CWA	Oxygen, dissolved [DO]	001 - M	Effluent Gross	Neither						15%							
► CWA	pH	001 - M	Effluent Gross	NMth	LIMIT VIOLATION			LIMIT VIOLATION						LIMIT VIOLATION			

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
CWA	ICIS-NPDES	NC0051853	Base Program - Notice of Violation	State	05/17/2022
CWA	ICIS-NPDES	NC0051853	Base Program - Notice of Violation	State	09/03/2020
CWA	ICIS-NPDES	NC0051853	Base Program - Notice of Violation	State	05/04/2020
CWA	ICIS-NPDES	NC0051853	Base Program - Notice of Violation	State	07/01/2019

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 Cost	Comp Action Cost
CWA	ICIS-NPDES	OTHER	NPDES/NC0051853	Administrative - Formal	<u>NC-1V-2019-0221</u>	State	Aragona Brothers Inc	10/05/2019	1	10/05/2019	\$0	\$388	--	\$0	\$0
CWA	ICIS-NPDES	OTHER	NPDES/NC0051853	Administrative - Formal	<u>NC-1V-2019-0165</u>	State	Aragona Brothers Inc	08/09/2019	1	08/09/2019	\$0	\$488	--	\$0	\$0

Environmental Conditions

Watersheds

12-Digit <u>WBD (Watershed Boundary Dataset)</u> HUC (<u>RAD (Reach Address Database)</u>)	<u>WBD (Watershed Boundary Dataset)</u> Subwatershed Name (<u>RAD (Reach Address Database)</u>)	State Water Body Name (<u>ICIS (Integrated Compliance Information System)</u>)	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with <u>ESA (Endangered Species Act)</u> -listed Aquatic Species?
030203020105	Wilson Bay-New River	BRINSON CREEK	No	No	Nitrogen, ammonia total (as N)	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	Aquatic Life	Fish Consumption Use	Recreation Use	Other Use
NC	2020	<u>NC19-12</u>	Brinson Creek	Impaired - 303(d) Listed - With Restoration Plan	ALGAL GROWTH METALS (OTHER THAN MERCURY)	--	Not Supporting	--	--	--

Air Quality Nonattainment Areas

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

Pollutants

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

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

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

Chemical Name
No data records returned

Community

EJScreen EJ Indexes

Twelve environmental justice (EJ) indexes of EJScreen, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. The index values below are for the Census block group or 1-mile maximum (US or State) in which the facility is located. Note that use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the [EJScreen home page](#).

Show EJ Indexes calculated based on:

Census Block Group - US

Census Block Group EJ Indexes (percentile)	
Particulate Matter 2.5	62.4
Ozone	63.4
Diesel Particulate Matter	61.6
Air Toxics Cancer Risk	63.6
Air Toxics Respiratory Hazard Index	62.5
Traffic Proximity	63.9
Lead Paint	64.6
Risk Management Plan (RMP) Facility Proximity	61.1
Hazardous Waste Proximity	62.3
Superfund Proximity	68.7
Underground Storage Tanks (UST)	72.2
Wastewater Discharge	--

Number of EJ Indexes Above 80th Percentile
0

[View EJScreen Report](#) (US/regional/state percentiles, 1-mile average)

Demographic Profile of Surrounding Area (1 mile)

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 2010 U.S. Census and 2015 - 2019 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the [DFR Data Dictionary](#).

General Statistics (U.S. Census)	
Total Persons	3,335
Population Density	1,099/sq.mi.
Housing Units in Area	1,058

General Statistics (ACS (American Community Survey))	
Total Persons	2,572
Percent People of Color	38%
Households in Area	788
Households on Public Assistance	20
Persons With Low Income	985
Percent With Low Income	51%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	34.7356
Center Longitude	-77.4714
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	109 (13.87%)
\$15,000 - \$25,000	160 (20.36%)
\$25,000 - \$50,000	226 (28.75%)
\$50,000 - \$75,000	111 (14.12%)
Greater than \$75,000	180 (22.9%)

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	222 (7%)
Minors 17 years and younger	557 (17%)
Adults 18 years and older	2,777 (83%)
Seniors 65 years and older	120 (4%)

Race Breakdown (U.S. Census) - Persons (%)	
White	2,326 (70%)
African-American	553 (17%)
Hispanic-Origin	487 (15%)
Asian/Pacific Islander	60 (2%)
American Indian	39 (1%)
Other/Multiracial	357 (11%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	70 (5.71%)
9th through 12th Grade	90 (7.34%)
High School Diploma	514 (41.92%)
Some College/2-year	290 (23.65%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	104 (8.48%)

Detailed Facility Report

Facility Summary

BEACHAM APARTMENTS #1

1820 WILMINGTON HIGHWAY, JACKSONVILLE, NC 28540

FRS (Facility Registry Service) ID: 110006710586

EPA Region: 04

Latitude: 34.73629

Longitude: -77.46833

Locational Data Source: FRS

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	CWA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	04/17/2012
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	3
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	2
Formal Enforcement Actions (5 years)	3
Penalties from Formal Enforcement Actions (5 years)	\$2,108
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--
Statute	SDWA
Compliance Monitoring Activities (5 years)	4
Date of Last Compliance Monitoring Activity	01/07/2022
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	1
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	3
Formal Enforcement Actions (5 years)	2
Penalties from Formal Enforcement Actions (5 years)	\$0
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): Minor, Permit Effective (NC0028223)

Resource Conservation and Recovery Act (RCRA): No Information

Safe Drinking Water Act (SDWA): OWNER: Private, SOURCE: Ground water, TYPE: Community water system Permit Active (NC0467103)

[Go To Enforcement/Compliance Details](#)

[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		110006710586					N	34.73629	-77.46833
ICIS-NPDES	CWA	NC0028223	Minor: NPDES Individual Permit	Effective		06/30/2022	N	34.7394	-77.4731
SDWIS	SDWA	NC0467103	OWNER: Private, SOURCE: Ground water, TYPE: Community water system	Active	Population Served: 475		N		

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110006710586	BEACHAM APARTMENTS #1	1820 WILMINGTON HIGHWAY, JACKSONVILLE, NC 28540	Onslow County
ICIS-NPDES	CWA	NC0028223	OSPREY COVE SOUTH WWTP	1832 WILMINGTON HWY, JACKSONVILLE, NC 28540	Onslow County
SDWIS	SDWA	NC0467103	OSPREY COVE 1	NC	

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
ICIS-NPDES	NC0028223	6513	Apartment Building Operators

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
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No data records returned

Facility Industrial Effluent Guidelines

Identifier	Effluent Guideline (40 CFR Part)	Effluent Guideline Description
NC0028223	401	General provisions

Facility Tribe Information

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

Enforcement and Compliance

Compliance Monitoring History

Last 5 Years

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
SDWA	NC0467103	SDWIS		Compliance Assistance	State	03/17/2022	
SDWA	NC0467103	SDWIS		Site Inspection	State	01/07/2022	
SDWA	NC0467103	SDWIS		Site Inspection	State	10/05/2021	
SDWA	NC0467103	SDWIS		Site Inspection	State	09/03/2021	
SDWA	NC0467103	SDWIS		Sanitary Survey, Complete	State	07/06/2021	
SDWA	NC0467103	SDWIS		Source Water Inspection	State	09/10/2020	
SDWA	NC0467103	SDWIS		Sanitary Survey, Complete	State	08/13/2020	
SDWA	NC0467103	SDWIS		Site Inspection	State	06/24/2020	
SDWA	NC0467103	SDWIS		Sanitary Survey, Complete	State	07/05/2018	

Entries in italics are not counted in EPA compliance monitoring strategies or annual results.

SDWA (Safe Drinking Water Act) Sanitary Survey Results (5 Years)

Source ID	Date	Type	Agency	Data Verification	Distribution	Management Operation	Finished Water Storage	Operator Compliance	Other Evaluation	Pumps	Security	Source	Financial	Treatment
NC0467103	07/06/2021	Sanitary Survey, Complete	State	N.(No deficiencies or recommendations.)	N.(No deficiencies or recommendations.)	N.(No deficiencies or recommendations.)	N.(No deficiencies or recommendations.)	N.(No deficiencies or recommendations.)	N.(No deficiencies or recommendations.)	N.(No deficiencies or recommendations.)	N.(No deficiencies or recommendations.)	N.(Significant deficiencies.)	N.(No deficiencies or recommendations.)	N.(No deficiencies or recommendations.)
NC0467103	08/13/2020	Sanitary Survey, Complete	State	N.(No deficiencies or recommendations.)	N.(No deficiencies or recommendations.)	N.(No deficiencies or recommendations.)	N.(No deficiencies or recommendations.)	N.(No deficiencies or recommendations.)	N.(No deficiencies or recommendations.)	N.(No deficiencies or recommendations.)	N.(No deficiencies or recommendations.)	N.(No deficiencies or recommendations.)	N.(No deficiencies or recommendations.)	N.(No deficiencies or recommendations.)
NC0467103	07/05/2018	Sanitary Survey, Complete	State	N.(No deficiencies or recommendations.)	N.(No deficiencies or recommendations.)	N.(No deficiencies or recommendations.)	N.(No deficiencies or recommendations.)	N.(No deficiencies or recommendations.)	N.(No deficiencies or recommendations.)	N.(No deficiencies or recommendations.)	N.(No deficiencies or recommendations.)	N.(No deficiencies or recommendations.)	N.(No deficiencies or recommendations.)	N.(No deficiencies or recommendations.)

Sanitary survey result codes:

S = Significant Deficiencies
M = Minor Deficiencies

R = Recommendations Made
N = No Deficiencies or Recommendations

X = Not Evaluated
Z = Not Applicable

D = Sanitary Defect
-- = Not Reported to EPA

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CWA	NC0028223	No	03/31/2022	3	06/24/2022
SDWA	NC0467103	No	12/31/2021	1	06/23/2022

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type				QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13+
	CWA (Source ID: NC0028223)				04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-03/31/21	04/01-06/30/21	07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/24/22
	Facility-Level Status				Violation Identified	No Violation Identified	No Violation Identified	Violation Identified	Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified	Undetermined
	Quarterly Noncompliance Report History				Other Violation			Other Violation	Other Violation								
	Pollutant	Disch Point	Mon Loc	Freq													
► CWA	Enterococci	001 - M	Effluent Gross	NMth					306%								
► CWA	Oxygen, dissolved (DO)	001 - M	Effluent Gross	Neither	10%			3%									

Statute	Violation Type/Category	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13*
	SDWA (Source ID: NC0467103)	01/01-03/31/19	04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-03/31/21	04/01-06/30/21	07/01-09/30/21	10/01-12/31/21	01/01-03/31/22
	Facility-Level Status	Violation	No Violation	No Violation	No Violation	No Violation	No Violation	No Violation	No Violation	No Violation	No Violation	No Violation	No Violation	No Violation
	Category	Violation Type												
SDWA	Other (Other Violation)	Consumer Confidence Rule	07/01/2018 - 02/13/2019											

*Quarter 13 data is voluntarily entered and/or incomplete, and may not form a complete picture for that quarter. [Read more](#)

Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
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Statute	System	Source ID	Type of Action	Lead Agency	Date
CWA	ICIS-NPDES	NC0028223	Base Program - Notice of Violation	State	07/02/2020
CWA	ICIS-NPDES	NC0028223	Base Program - Notice of Violation	State	10/25/2017
SDWA	SDWIS	NC0467103	State Formal Notice of Violation issued	State	11/20/2018
SDWA	SDWIS	NC0467103	State Public Notification received	State	02/06/2018
SDWA	SDWIS	NC0467103	State Formal Notice of Violation issued	State	01/26/2018

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 Cost	Comp Action Cost
CWA	ICIS-NPDES	OTHER	NPDES/NC0028223	Administrative - Formal	NC-LM-2017-0038	State	Osprey Cove South LLC	12/08/2017	1	12/08/2017	\$0	\$803	--	\$0	\$0
CWA	ICIS-NPDES	OTHER	NPDES/NC0028223	Administrative - Formal	NC-LV-2017-0313	State	Osprey Cove South LLC	11/08/2017	1	11/08/2017	\$0	\$638	--	\$0	\$0
CWA	ICIS-NPDES	OTHER	NPDES/NC0028223	Administrative - Formal	NC-LV-2017-0210	State	Osprey Cove South LLC	07/07/2017	1	07/07/2017	\$0	\$667	--	\$0	\$0
SDWA	SDIWS	--	/NC0467103	State Administrative/Compliance Order without penalty issued	--	State	--	--	--	--					
SDWA	SDIWS	--	/NC0467103	State Administrative/Compliance Order without penalty issued	--	State	--	--	--	--					

SDWA (Safe Drinking Water Act) Violations and Enforcement Actions (5 Years)

Source ID	Compliance Period	Violation ID	Federal Rule	Contaminant	Violations					Status	Enforcement Actions			
					Category	Description	Measured Value	State MCL (Maximum Contaminant Level)	Federal MCL (Maximum Contaminant Level)		Date	Category	Description	Agency
NC0467103	--	3381932	Consumer Confidence Rule	Consumer Confidence Rule	Other	Other Violation	--	--	--	Resolved	02/13/2019	Resolving	State Compliance achieved	State
											01/14/2019	Resolving	State Compliance achieved	
											11/20/2018	Informal	State Formal Notice of Violation issued	
											11/20/2018	Formal	State Administrative/Compliance Order without penalty issued	
NC0467103	--	3381931	Public Notice Rule	Public Notice	Other	Other Violation	--	--	--	Resolved	01/29/2018	Resolving	State Compliance achieved	State
											01/26/2018	Informal	State Formal Notice of Violation issued	
											01/26/2018	Formal	State Administrative/Compliance Order without penalty issued	

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?
030203020105	Wilson Bay-New River	BRINSON CREEK	No	No	Nitrogen, ammonia total (as N)	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	Aquatic Life	Fish Consumption Use	Recreation Use	Other Use
NC	2020	NC19-12	Brinson Creek	Impaired - 303(d) Listed - With Restoration Plan	ALGAL GROWTH METALS (OTHER THAN MERCURY)	--	Not Supporting	--	--	--

Air Quality Nonattainment Areas

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

Pollutants

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

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

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

Chemical Name
No data records returned

Community

EJScreen EJ Indexes

Twelve environmental justice (EJ) indexes of EJScreen, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. The index values below are for the Census block group or 1-mile maximum (US or State) in which the facility is located. Note that use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the [EJScreen home page](#).

Show EJ Indexes calculated based on:

Census Block Group - US

▼

Census Block Group EJ Indexes (percentile)	
Particulate Matter 2.5	62.4
Ozone	63.4
Diesel Particulate Matter	61.6
Air Toxics Cancer Risk	63.6
Air Toxics Respiratory Hazard Index	62.5
Traffic Proximity	63.9
Lead Paint	64.6
Risk Management Plan (RMP) Facility Proximity	61.1
Hazardous Waste Proximity	62.3
Superfund Proximity	68.7
Underground Storage Tanks (UST)	72.2
Wastewater Discharge	--

Number of EJ Indexes Above 80th Percentile
0

[View EJScreen Report](#) (US/regional/state percentiles, 1-mile average)

Demographic Profile of Surrounding Area (1 mile)

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 2010 U.S. Census and 2015 - 2019 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the [DFR Data Dictionary](#).

General Statistics (U.S. Census)	
Total Persons	3,518
Population Density	1,164/sq.mi.
Housing Units in Area	955

General Statistics (ACS (American Community Survey))	
Total Persons	2,564
Percent People of Color	40%
Households in Area	733
Households on Public Assistance	18
Persons With Low Income	981
Percent With Low Income	54%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	34.73629
Center Longitude	-77.46833
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	113 (15.48%)
\$15,000 - \$25,000	155 (21.23%)
\$25,000 - \$50,000	193 (26.44%)
\$50,000 - \$75,000	104 (14.25%)
Greater than \$75,000	165 (22.6%)

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	207 (6%)
Minors 17 years and younger	519 (15%)
Adults 18 years and older	2,999 (85%)
Seniors 65 years and older	91 (3%)

Race Breakdown (U.S. Census) - Persons (%)	
White	2,479 (70%)
African-American	572 (16%)
Hispanic-Origin	520 (15%)
Asian/Pacific Islander	58 (2%)
American Indian	42 (1%)
Other/Multiracial	367 (10%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	87 (7.29%)
9th through 12th Grade	99 (8.29%)
High School Diploma	499 (41.79%)
Some College/2-year	273 (22.86%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	100 (8.38%)

LAST UPDATED ON JUNE 24, 2022

[DATA REFRESH INFORMATION](#)

Detailed Facility Report

Facility Summary

BLUE CREEK UTILITIES INCORPORATED

2965 RICHLANDS HIGHWAY, JACKSONVILLE, NC 28540

FRS (Facility Registry Service) ID: 110006708964

EPA Region: 04

Latitude: 34.755002

Longitude: -77.481725

Locational Data Source: FRS

Industries: --

Indian Country: N

Enforcement and Compliance Summary

Statute	CWA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	08/12/2014
Compliance Status	Violation Identified
Qtrs in Noncompliance (of 12)	12
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	1
Formal Enforcement Actions (5 years)	1
Penalties from Formal Enforcement Actions (5 years)	\$244
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): Minor, Permit Effective (NC0056952)

Resource Conservation and Recovery Act (RCRA): No Information

Safe Drinking Water Act (SDWA): No Information

[Go To Enforcement/Compliance Details](#)

[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		110006708964					N	34.755002	-77.481725
ICIS-NPDES	CWA	NC0056952	Minor: NPDES Individual Permit	Effective		06/30/2022	N	34.7556	-77.4811

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110006708964	BLUE CREEK UTILITIES INCORPORATED	2965 RICHLANDS HIGHWAY, JACKSONVILLE, NC 28540	Onslow County
ICIS-NPDES	CWA	NC0056952	BLUE CREEK WWTP	1131 BLUE CREEK RD, JACKSONVILLE, NC 28540	Onslow County

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
ICIS-NPDES	NC0056952	4952	Sewerage Systems

Facility Industrial Effluent Guidelines

Identifier	Effluent Guideline (40 CFR Part)	Effluent Guideline Description
NC0056952	401	General provisions

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
No data records returned			

Facility Tribe Information

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

Enforcement and Compliance

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 counted in EPA compliance monitoring strategies or annual results.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CWA	NC0056952	No	03/31/2022	12	06/24/2022

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type				QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13+
CWA (Source ID: NC0056952)					04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-03/31/21	04/01-06/30/21	07/01-09/30/21	10/01-12/31/21	01/01-03/31/22	04/01-06/24/22
Facility-Level Status					Violation Identified	Violation Identified	Violation Identified	Violation Identified	Violation Identified	Violation Identified	No Violation Identified	Violation Identified	Violation Identified	Violation Identified	Violation Identified	Violation Identified	Violation Identified
Quarterly Noncompliance Report History					Reportable Noncompliance	Reportable Noncompliance	Reportable Noncompliance	Reportable Noncompliance	Reportable Noncompliance	Reportable Noncompliance	Resolved	Other Violation	Reportable Noncompliance	Reportable Noncompliance	Reportable Noncompliance	Reportable Noncompliance	
	Pollutant	Disch Point	Mon Loc	Freq													
► CWA	BOD₅-day₂₀-deg_C	001 - M	Effluent Gross	NMth				41%									
► CWA	pH	001 - M	Effluent Gross	NMth										LIMIT VIOLATION			
	Single Event Violations			Agency													
CWA	Permit Violations - Unapproved Operation			State	02/07/2017	➡	➡	➡	➡	➡	➡	➡	➡	➡	➡	➡	➡
	Late or Missing Discharge Monitoring Report (DMR) Measurements																
	Counts of Missing DMR Measurements											4					

Informal Enforcement Actions Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
CWA	ICIS-NPDES	NC0056952	Base Program - Notice of Violation	State	01/04/2019

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 Cost	Comp Action Cost
CWA	ICIS-NPDES	OTHER	NPDES/NC0056952	Administrative - Formal	NC-1 V-2020-0197	State	Blue Creek Utilities Inc	08/11/2020	1	08/11/2020	\$0	\$244	--	\$0	\$0

Environmental Conditions

Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (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?
030203020104	Blue Creek-New River	BLUE CREEK	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	Aquatic Life	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 in Pounds per Year at Site

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases 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

EJScreen EJ Indexes

Twelve environmental justice (EJ) indexes of EJScreen, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. The index values below are for the Census block group or 1-mile maximum (US or State) in which the facility is located. Note that use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the [EJScreen home page](#).

Show EJ Indexes calculated based on:

Census Block Group - US

Census Block Group EJ Indexes (percentile)	
Particulate Matter 2.5	54
Ozone	52.4
Diesel Particulate Matter	52.5
Air Toxics Cancer Risk	52.6
Air Toxics Respiratory Hazard Index	51.2
Traffic Proximity	41.1
Lead Paint	46.4
Risk Management Plan (RMP) Facility Proximity	50
Hazardous Waste Proximity	50.5
Superfund Proximity	40.1
Underground Storage Tanks (UST)	33.7
Wastewater Discharge	--

Number of EJ Indexes Above 80th Percentile
0

[View EJScreen Report](#) (US/regional/state percentiles, 1-mile average)

Demographic Profile of Surrounding Area (1 mile)

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 2010 U.S. Census and 2015 - 2019 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the [DFR Data Dictionary](#).

General Statistics (U.S. Census)	
Total Persons	2,818
Population Density	929/sq. mi.
Housing Units in Area	1,113

General Statistics (ACS (American Community Survey))	
Total Persons	2,203
Percent People of Color	33%
Households in Area	787
Households on Public Assistance	24
Persons With Low Income	956
Percent With Low Income	44%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	34.755002
Center Longitude	-77.481725
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	113 (14.36%)
\$15,000 - \$25,000	122 (15.5%)
\$25,000 - \$50,000	219 (27.83%)
\$50,000 - \$75,000	112 (14.23%)
Greater than \$75,000	221 (28.08%)

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	257 (9%)
Minors 17 years and younger	756 (27%)
Adults 18 years and older	2,062 (73%)
Seniors 65 years and older	192 (7%)

Race Breakdown (U.S. Census) - Persons (%)	
White	1,999 (71%)
African-American	447 (16%)
Hispanic-Origin	325 (12%)
Asian/Pacific Islander	61 (2%)
American Indian	20 (1%)
Other/Multiracial	291 (10%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	72 (5.47%)
9th through 12th Grade	129 (9.8%)
High School Diploma	435 (33.05%)
Some College/2-year	372 (28.27%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	175 (13.3%)

LAST UPDATED ON JUNE 24, 2022

[DATA REFRESH INFORMATION](#)

Gievers, Andrea

From: Gievers, Andrea
Sent: Tuesday, June 28, 2022 4:52 PM
To: Raleigh@fws.gov
Cc: leigh_mann@fws.gov
Subject: Self-Certification Letter - Crestfield Point Apartments, Onslow County, NC
Attachments: NCORR Self Certification USFWS Pkg - Crestfield Point Apts.pdf

Hello:

Please accept the *Crestfield Point Apartments* Self-Certification Letter and supporting No Effect documentation for your records. The North Carolina Office of Recovery and Resiliency (NCORR), as a recipient of Community Development Block Grant – Disaster Recovery (CDBG-DR) funds from the United States Department of Housing and Urban Development (HUD), is considering funding this Affordable Housing Development Fund Program project. Crestfield Point Apartments is a new construction project that will result in seventy-two (72) units of affordable apartments in Jacksonville, North Carolina. The development will consist of three 3-story buildings with 24 residential units per structure. The proposed project location is 350 Blue Creek School Road, Jacksonville, Onslow County, NC 28540, close to the Walmart Supercenter. Please feel free to contact me if you have any questions. 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



United States Department of the Interior

FISH AND WILDLIFE SERVICE

Raleigh ES Field Office

551-F Pylon Drive

Raleigh, North Carolina 27606

September 22, 2021

Cheryl Moody
Atlantic Shores Environmental Services LTD.
175-1 Venture Drive
Leland, NC 28451

Re: Crestfield Point Apartments– Onslow County

Dear Mrs. Moody:

This letter is to inform you that the Service has established an on-line project planning and consultation process which assists developers and consultants in determining whether a federally-listed species or designated critical habitat may be affected by a proposed project. For future projects, please visit the Raleigh Field Office's project planning website at <https://www.fws.gov/raleigh/pp.html>. If you are only searching for a list of species that may be present in the project's Action Area, then you may use the Service's Information, Planning, and Consultation System (IPaC) website to determine if any listed, proposed, or candidate species may be present in the Action Area and generate a species list. The IPaC website may be viewed at <https://ecos.fws.gov/ipac/>. The IPaC web site contains a complete and frequently updated list of all endangered threatened species protected by the provisions of the Endangered Species Act of 1973, as amended (16 U.S.C. 1531 et seq.)(Act), a list of federal species of concern¹ that are known to occur in each county in North Carolina, and other resources.

Section 7 of the Act requires that all federal agencies (or their designated non-federal representative), in consultation with the Service, insure that any action federally authorized, funded, or carried out by such agencies is not likely to jeopardize the continued existence of any federally-listed endangered or threatened species. A biological assessment or evaluation may be prepared to fulfill that requirement and in determining whether additional consultation with the Service is necessary. In addition to the federally-protected species list, information on the species' life histories and habitats and information on completing a biological assessment or evaluation can be found on our web page at <http://www.fws.gov/raleigh>. Please check the web site often for updated information or changes.

¹ The term "federal species of concern" refers to those species which the Service believes might be in need of concentrated conservation actions. Federal species of concern receive no legal protection and their designation does not necessarily imply that the species will eventually be proposed for listing as a federally endangered or threatened species. However, we recommend that all practicable measures be taken to avoid or minimize adverse impacts to federal species of concern.

If your project contains suitable habitat for any of the federally-listed species known to be present within the county where your project occurs, the proposed action has the potential to adversely affect those species. As such, we recommend that surveys be conducted to determine the species' presence or absence within the project area. The use of North Carolina Natural Heritage program data should not be substituted for actual field surveys.

If you determine that the proposed action may affect (i.e., likely to adversely affect or not likely to adversely affect) a federally-protected species, you should notify this office with your determination, the results of your surveys, survey methodologies, and an analysis of the effects of the action on listed species, including consideration of direct, indirect, and cumulative effects, before conducting any activities that might affect the species. If you determine that the proposed action will have no effect (i.e., no beneficial or adverse, direct or indirect effect) on federally listed species, then you are not required to contact our office for concurrence (unless an Environmental Impact Statement is prepared). However, you should maintain a complete record of the assessment, including steps leading to your determination of effect, the qualified personnel conducting the assessment, habitat conditions, site photographs, and any other related articles.

With regard to the above-referenced project, we offer the following remarks. Our comments are submitted pursuant to, and in accordance with, provisions of the Endangered Species Act.

Based on the information provided and other information available, it appears that the proposed action is not likely to adversely affect any federally-listed endangered or threatened species, their formally designated critical habitat, or species currently proposed for listing under the Act at these sites. We believe that the requirements of section 7(a)(2) of the Act have been satisfied for your project. Please remember that obligations under section 7 consultation must be reconsidered if: (1) new information reveals impacts of this identified action that may affect listed species or critical habitat in a manner not previously considered; (2) this action is subsequently modified in a manner that was not considered in this review; or, (3) a new species is listed or critical habitat determined that may be affected by the identified action.

However, the Service is concerned about the potential impacts the proposed action might have on aquatic species. Aquatic resources are highly susceptible to sedimentation. Therefore, we recommend that all practicable measures be taken to avoid adverse impacts to aquatic species, including implementing directional boring methods and stringent sediment and erosion control measures. An erosion and sedimentation control plan should be submitted to and approved by the North Carolina Division of Land Resources, Land Quality Section prior to construction. Erosion and sedimentation controls should be installed and maintained between the construction site and any nearby down-gradient surface waters. In addition, we recommend maintaining natural, vegetated buffers on all streams and creeks adjacent to the project site.

The North Carolina Wildlife Resources Commission has developed a Guidance Memorandum (a copy can be found on our website at (<http://www.fws.gov/raleigh>) to address and mitigate secondary and cumulative impacts to aquatic and terrestrial wildlife resources and water quality. We recommend that you consider this document in the development of your projects and in completing an initiation package for consultation (if necessary).

We hope you find our web page useful and informative and that following the process described above will reduce the time required, and eliminate the need, for general correspondence for species' lists. If you have any questions or comments, please contact John Ellis of this office at (919) 856-4520 ext. 26.

Sincerely,

A handwritten signature in blue ink that reads "John Ellis for". The signature is written in a cursive, flowing style.

Pete Benjamin
Field Supervisor



United States Department of the Interior

FISH AND WILDLIFE SERVICE
Raleigh Ecological Services Field Office
Post Office Box 33726
Raleigh, NC 27636-3726
Phone: (919) 856-4520 Fax: (919) 856-4556



In Reply Refer To:
Project Code: 2022-0055450
Project Name: Crestfield Point Apartments

June 17, 2022

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 ECOS-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 ECOS-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:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.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, intentional or unintentional, 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/birds/policies-and-regulations.php>.

The MBTA has no provision for allowing take of migratory birds that may be unintentionally killed or injured by otherwise lawful activities. 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/birds/bird-enthusiasts/threats-to-birds.php>.

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/birds/policies-and-regulations/executive-orders/e0-13186.php>.

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
- 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

Post Office Box 33726

Raleigh, NC 27636-3726

(919) 856-4520

Project Summary

Project Code: 2022-0055450

Event Code: None

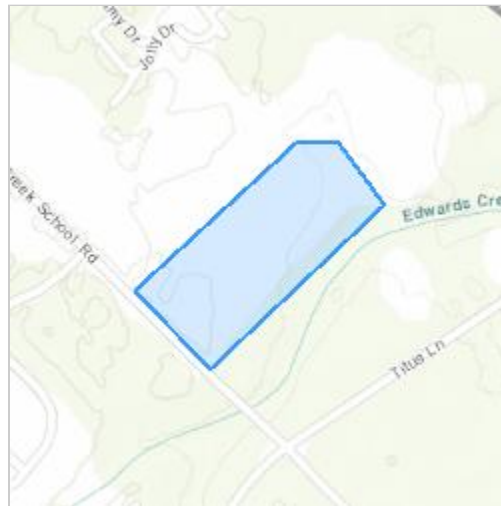
Project Name: Crestfield Point Apartments

Project Type: New Constr - Above Ground

Project Description: Crestfield Point Apartments ("proposed project") is a new construction project that will result in seventy-two (72) units of affordable apartments in Jacksonville, North Carolina. The development will consist of three, 3-story buildings with 24 residential units per structure. Project location is 350 Blue Creek School Road, Jacksonville, Onslow County, NC 28540.

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@34.74865,-77.47106420629014,14z>



Counties: Onslow County, North Carolina

Endangered Species Act Species

There is a total of 14 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
Eastern Black Rail <i>Laterallus jamaicensis ssp. jamaicensis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/10477	Threatened
Piping Plover <i>Charadrius melodus</i> Population: [Atlantic Coast and Northern Great Plains populations] - Wherever found, except those areas where listed as endangered. There is final critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/6039	Threatened
Red Knot <i>Calidris canutus rufa</i> There is proposed critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/1864	Threatened
Red-cockaded Woodpecker <i>Picoides borealis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/7614	Endangered

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)
Green Sea Turtle <i>Chelonia mydas</i> Population: North Atlantic DPS There is final critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/6199	Threatened
Kemp's Ridley Sea Turtle <i>Lepidochelys kempii</i> There is proposed critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/5523	Endangered
Leatherback Sea Turtle <i>Dermochelys coriacea</i> There is final critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/1493	Endangered
Loggerhead Sea Turtle <i>Caretta caretta</i> Population: Northwest Atlantic Ocean DPS There is final critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/1110	Threatened

Insects

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9743	Candidate

Flowering Plants

NAME	STATUS
Cooley's Meadowrue <i>Thalictrum cooleyi</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/3281	Endangered
Pondberry <i>Lindera melissifolia</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/1279	Endangered
Rough-leaved Loosestrife <i>Lysimachia asperulaefolia</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/2747	Endangered
Seabeach Amaranth <i>Amaranthus pumilus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/8549	Threatened

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

Migratory Birds

Certain birds are protected under the Migratory Bird Treaty Act¹ and the Bald and Golden Eagle Protection Act².

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described [below](#).

-
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)

The birds listed below are birds of particular concern either because they occur on the [USFWS Birds of Conservation Concern \(BCC\)](#) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ [below](#). This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the [E-bird data mapping tool](#) (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found [below](#).

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list 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.	Breeds Sep 1 to Jul 31

NAME	BREEDING SEASON
Black Skimmer <i>Rynchops niger</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/5234	Breeds May 20 to Sep 15
Gull-billed Tern <i>Gelochelidon nilotica</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9501	Breeds May 1 to Jul 31
Prairie Warbler <i>Dendroica discolor</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 1 to Jul 31
Prothonotary Warbler <i>Protonotaria citrea</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Apr 1 to Jul 31
Red-headed Woodpecker <i>Melanerpes erythrocephalus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 10 to Sep 10
Rusty Blackbird <i>Euphagus carolinus</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA	Breeds elsewhere
Wood Thrush <i>Hylocichla mustelina</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	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 and understand the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for

that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.

2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is $0.25/0.25 = 1$; at week 20 it is $0.05/0.25 = 0.2$.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

Breeding Season (■)

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort (|)

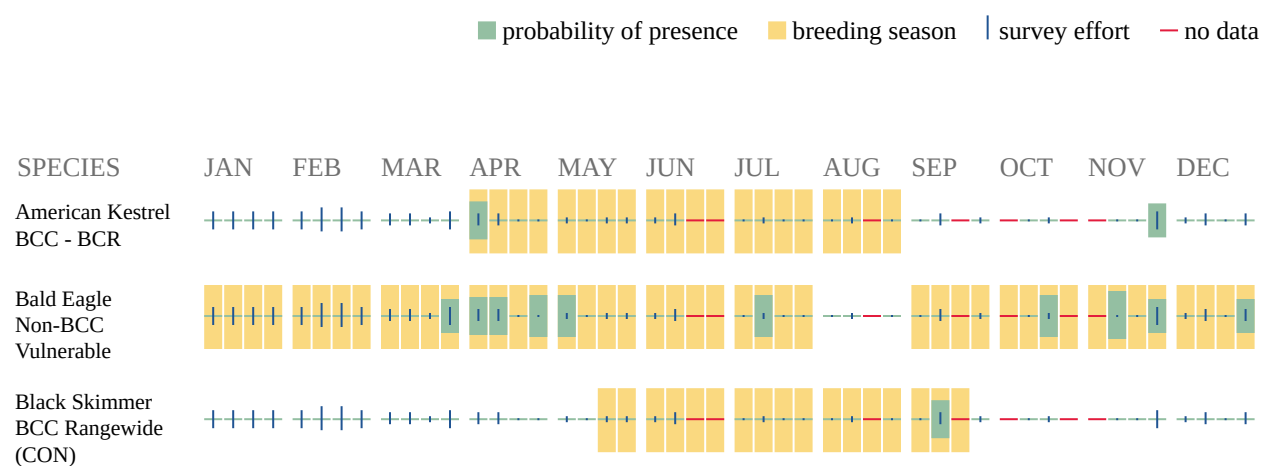
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

No Data (—)

A week is marked as having no data if there were no survey events for that week.

Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.





Additional information can be found using the following links:

- Birds of Conservation Concern <https://www.fws.gov/program/migratory-birds/species>
- Measures for avoiding and minimizing impacts to birds <https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds>
- Nationwide conservation measures for birds <https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf>

Migratory Birds FAQ

Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

[Nationwide Conservation Measures](#) describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. [Additional measures](#) or [permits](#) may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the migratory birds potentially occurring in my specified location?

The Migratory Bird Resource List is comprised of USFWS [Birds of Conservation Concern \(BCC\)](#) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle ([Eagle Act](#) requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the [AKN Phenology Tool](#).

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the [Avian Knowledge Network \(AKN\)](#). This data is derived from a growing collection of [survey, banding, and citizen science datasets](#).

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go to the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering, migrating or present year-round in my project area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may refer to the following resources: [The Cornell Lab of Ornithology All About Birds Bird Guide](#), or (if you are unsuccessful in locating the bird of interest there), the [Cornell Lab of Ornithology Neotropical Birds guide](#). If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are [Birds of Conservation Concern](#) (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
 2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
 3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the [Eagle Act](#) requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).
-

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the [Northeast Ocean Data Portal](#). The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the [NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf](#) project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the [Diving Bird Study](#) and the [nanotag studies](#) or contact [Caleb Spiegel](#) or [Pam Loring](#).

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to [obtain a permit](#) to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

IPaC User Contact Information

Agency: State of North Carolina
Name: Andrea Gievers
Address: North Carolina Office of Recovery and Resiliency (NCORR)
Address Line 2: 200 Park Offices Drive
City: Durham
State: NC
Zip: 27713
Email: andrea.l.gievers@rebuild.nc.gov
Phone: 8456821700



Roy Cooper, Governor

D. Reid Wilson, Secretary

Misty Buchanan
Deputy Director, Natural Heritage Program

NCNHDE-17481

March 23, 2022

Andrea Gievers
NCORR
P.O. Box 110465
Durham, NC 27709
RE: Crestfield Point Apartments, 350 Blue Creek School Road Jacksonville, NC 28540

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/offices/Directory/ListOffices.cfm?statecode=37>.

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.

The NC Natural Heritage Program may follow this letter with additional correspondence if a Dedicated Nature Preserve, Registered Heritage Area, Land and Water Fund easement, or Federally-listed species are documented near the project area.

If you have questions regarding the information provided in this letter or need additional assistance, please contact Rodney A. Butler at rodney.butler@ncdcr.gov or 919-707-8603.

Sincerely,
NC Natural Heritage Program

Natural Heritage Element Occurrences, Natural Areas, and Managed Areas Within a One-mile Radius of the Project Area
Crestfield Point Apartments, 350 Blue Creek School Road Jacksonville, NC 28540
March 23, 2022
NCNHDE-17481

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
Natural Community	681	Tidal Swamp (Mixed Subtype)	---	2012	BC	3-Medium	---	---	G1G2	S1S2
True Bug	10416	Chlorochroa dismalia	Dismal Swamp Green Stink Bug	1959-06-26	H	5-Very Low	---	Significantly Rare	G1G3	S1?

Natural Areas Documented Within a One-mile Radius of the Project Area

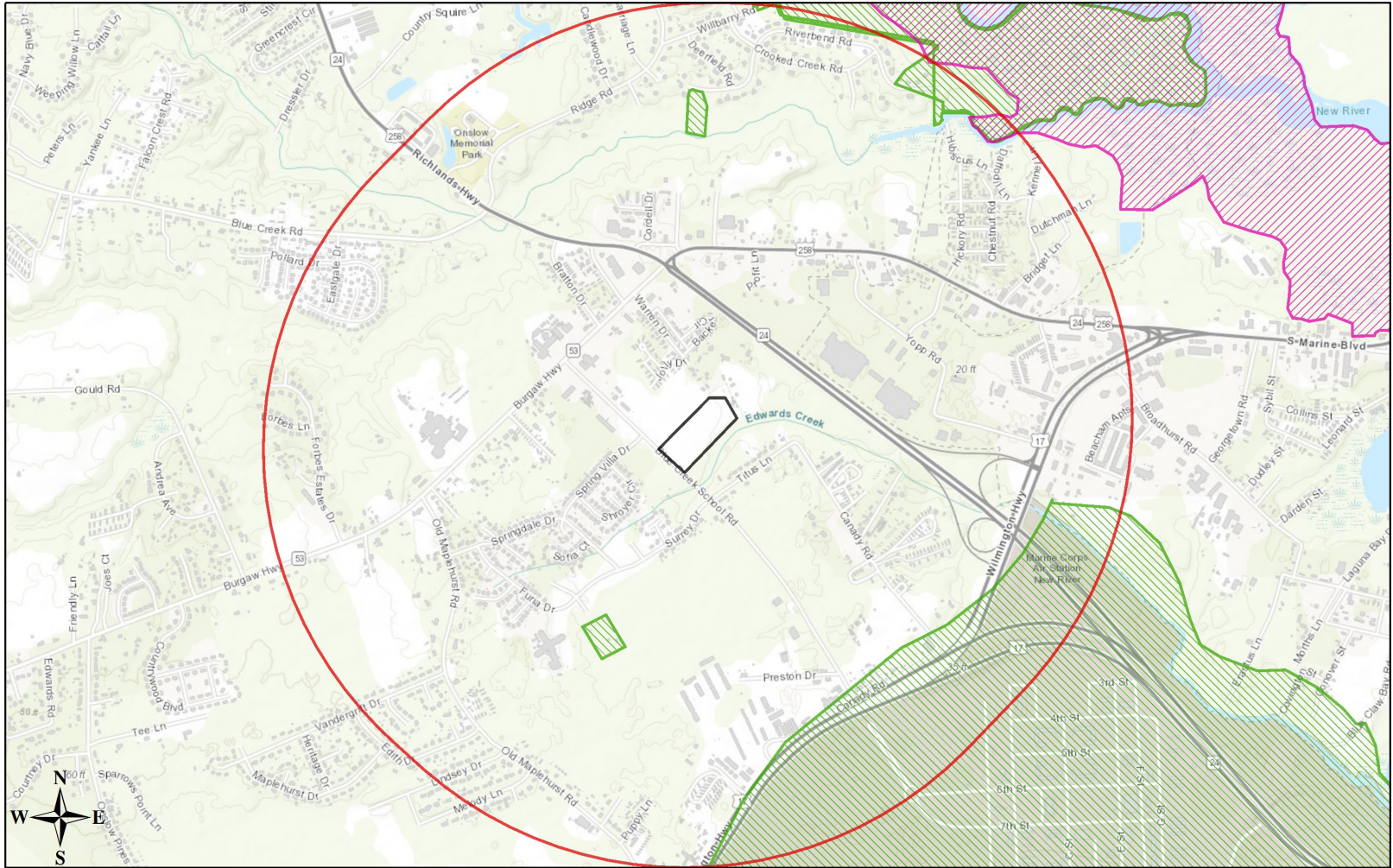
Site Name	Representational Rating	Collective Rating
New River Swamps and Marshes	R2 (Very High)	C5 (General)

Managed Areas Documented Within a One-mile Radius of the Project Area

Managed Area Name	Owner	Owner Type
Camp Lejeune	US Department of Defense	Federal
Onslow County Open Space	Onslow County	Local Government
Onslow County Open Space	Onslow County	Local Government
Onslow County Water and Sewer Authority Property	Onslow County Water and Sewer Authority	Local Government
NC Hazard Mitigation Buyout Property - Onslow County	NC DPS, Division of Emergency Management	State
NC Land and Water Fund Project	NC DNCR, NC Land and Water Fund	State

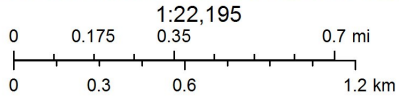
Definitions and an explanation of status designations and codes can be found at <https://ncnhde.natureserve.org/help>. Data query generated on March 23, 2022; source: NCNHP, Q4, January 2022. Please resubmit your information request if more than one year elapses before project initiation as new information is continually added to the NCNHP database.

NCNHDE-17481: Crestfield Point Apartments, 350 Blue Creek School Road Jacksonville, NC 28540



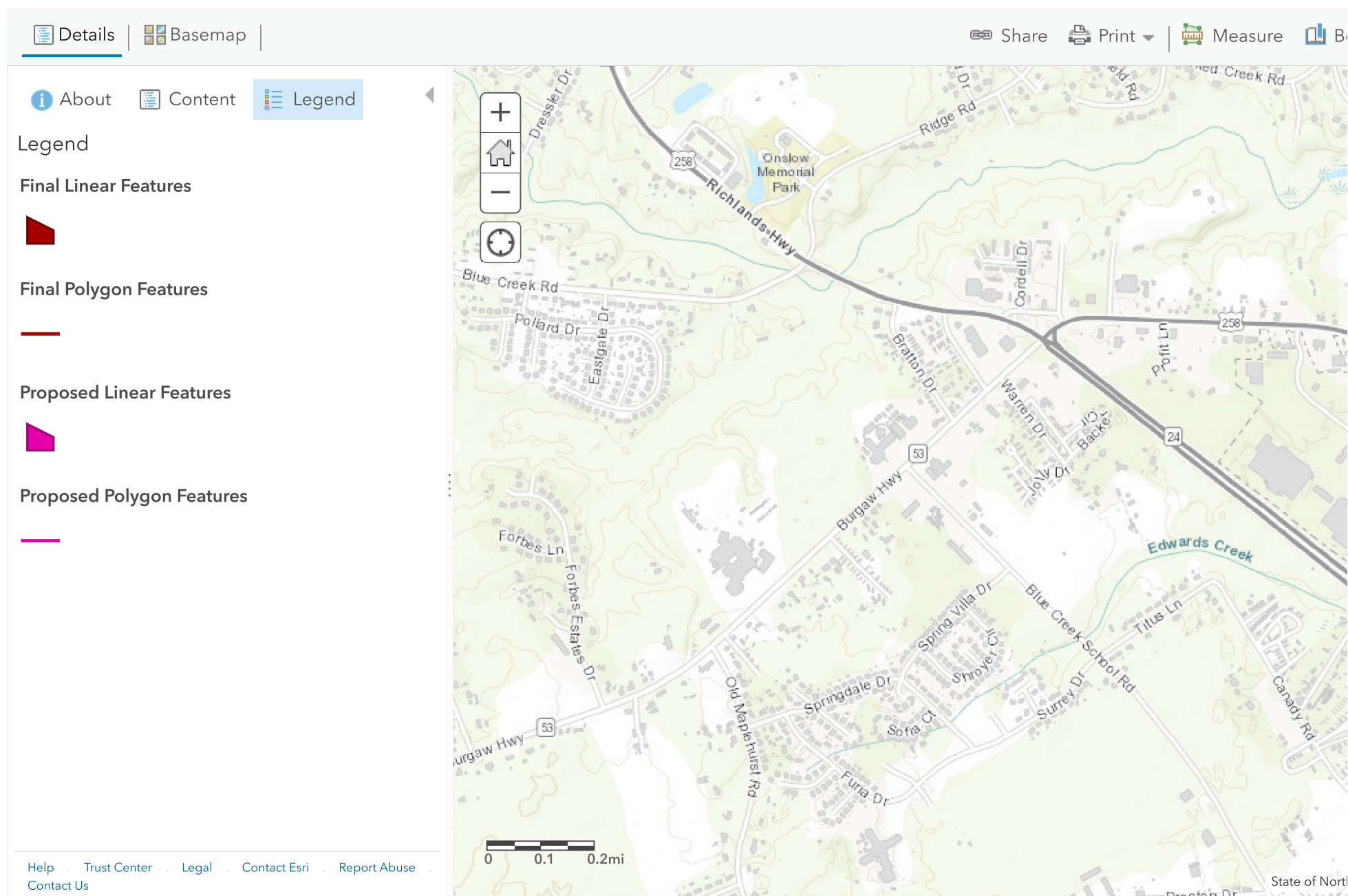
March 23, 2022

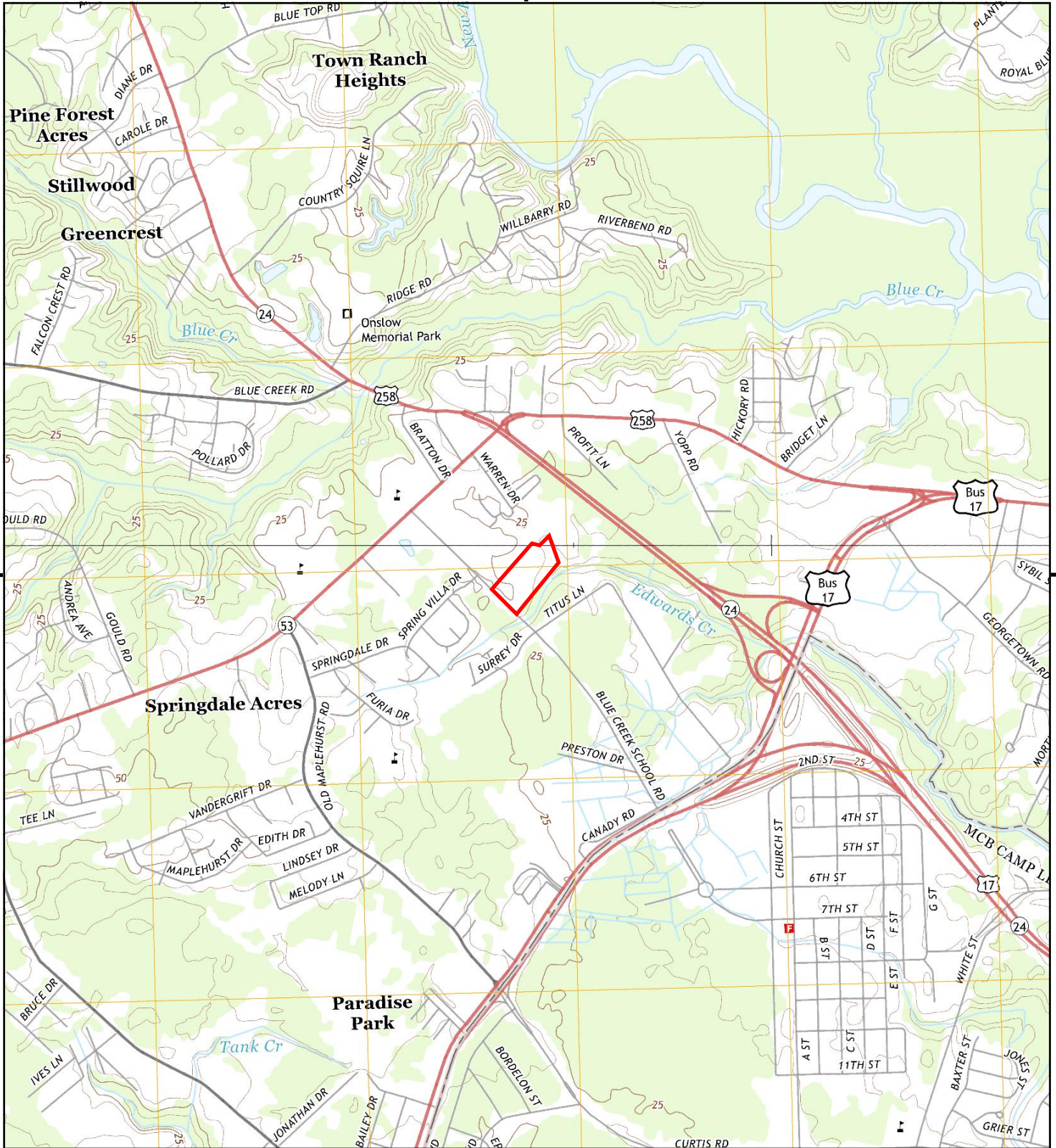
- Project Boundary
- Buffered Project Boundary
- NHP Natural Area (NHNA)
- Managed Area (MAREA)



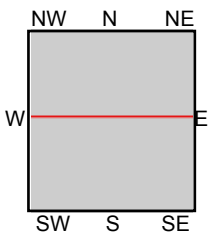
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Home ▾ Critical Habitat for Threatened & Endangered Species [USFWS]





This report includes information from the following map sheet(s).



TP, Jacksonville South, 2013, 7.5-minute
NE, Jacksonville North, 2013, 7.5-minute

SITE NAME: Blue Creek School Road
ADDRESS: Blue Creek School Road
Jacksonville, NC 28540
CLIENT: Atlantic Shores Environmental



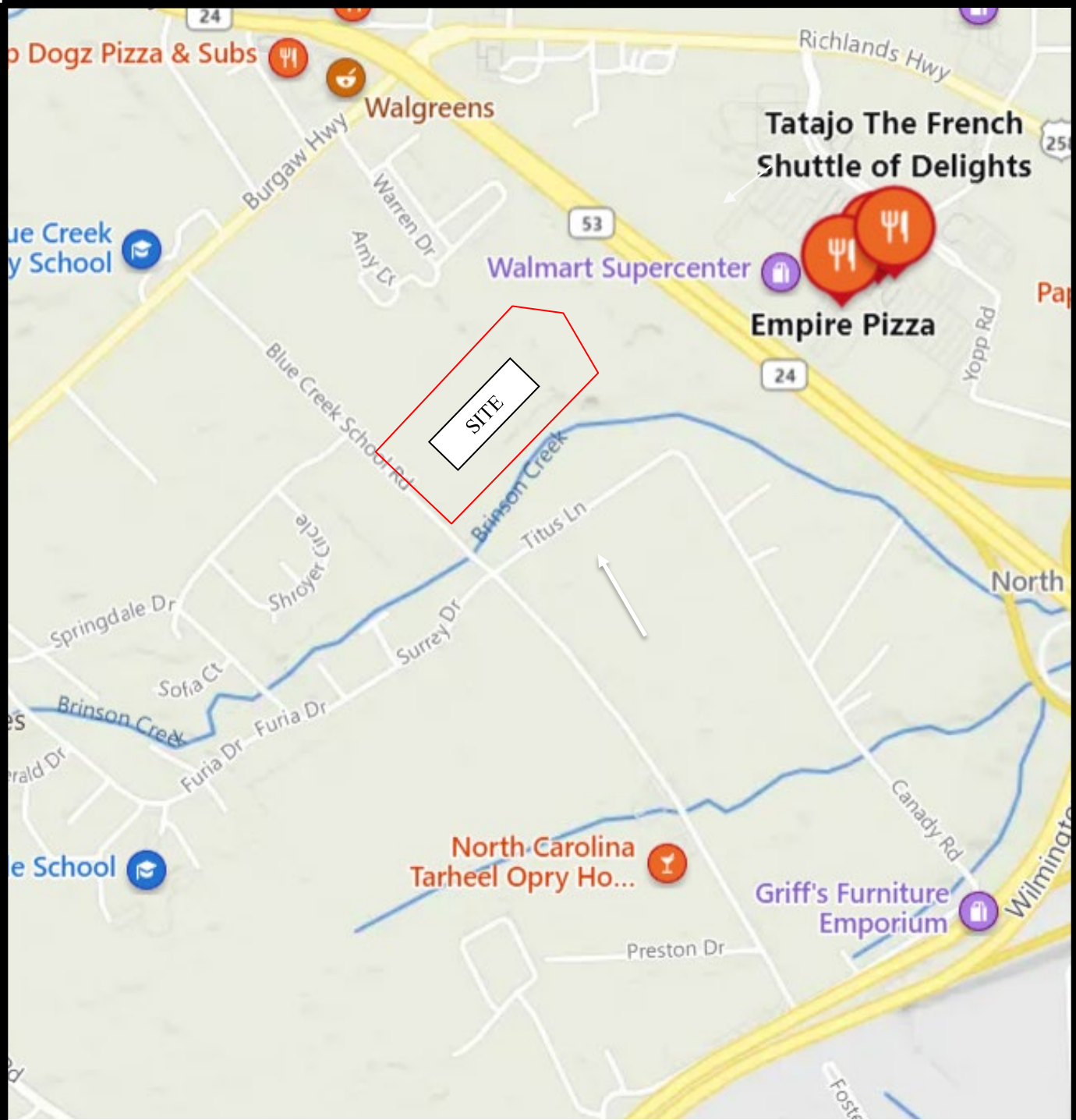


FIGURE 1: SITE MAP

Source: Google Maps



Proposed Crestfield Point Apartments
Blue Creek School Road
Jacksonville, North Carolina



ASE Project No. 1516
January 2022



Photograph 1 – PVC and Sewer Connection on Eastern Portion of the Site



Photograph 2 – Site facing East from Blue Creek School Road



Photograph 3 – Site from the Northern Portion of the Site facing East toward New Development



Photograph 4 – Soccer Field on the Western Adjoining Property



Photograph 5 –Connection on Southeastern Portion of the Site



Photograph 6 – Water Connection on Southeastern Portion of the Site



Photograph 7 – Sewer Connection on Southeastern Portion of the Site



Photograph 8 – Site facing Northeast from the Southeastern border



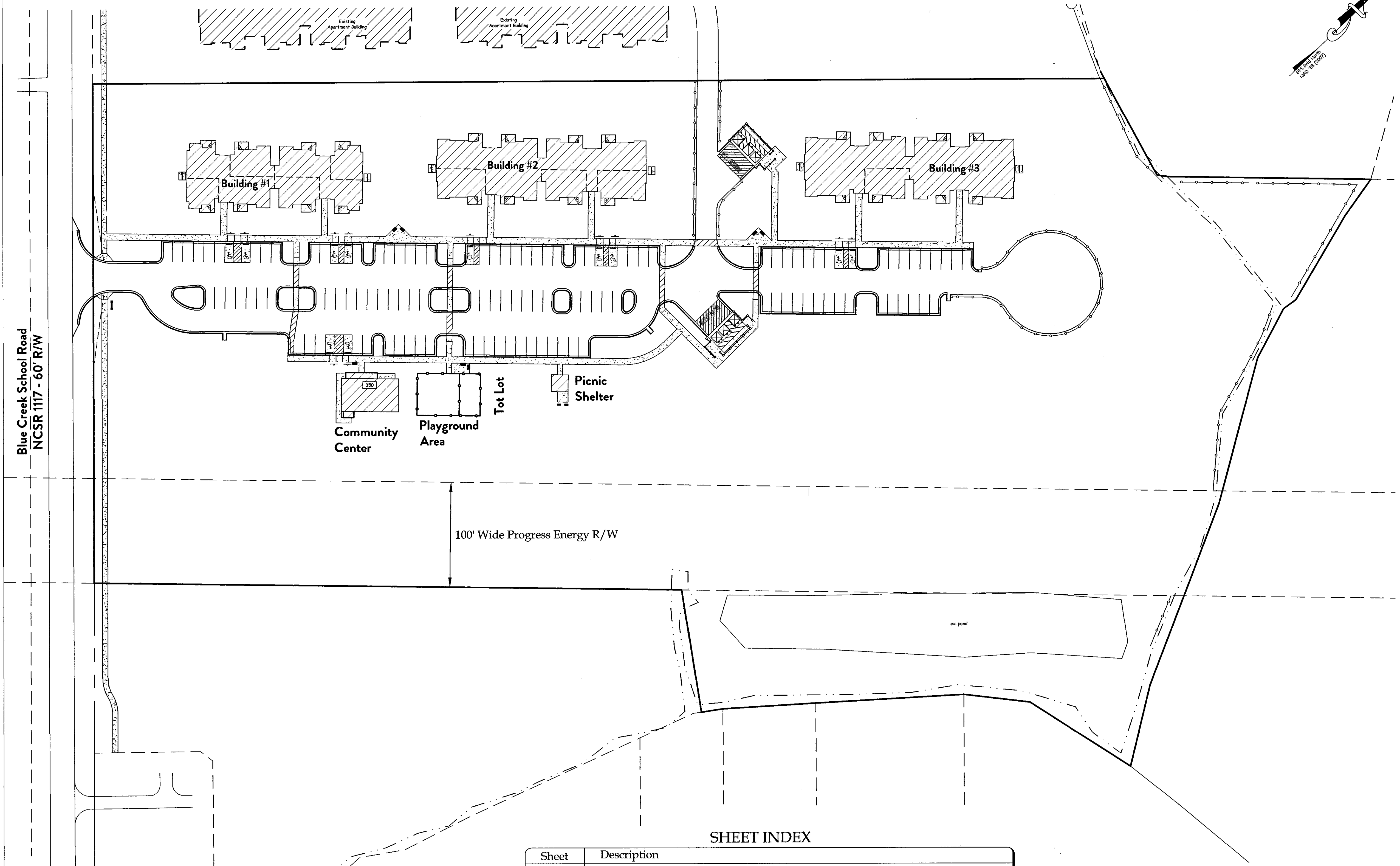
Photograph 9 – Northern Portion of the Site facing East



Photograph 10 – Wood Stockpile on Northern Portion of Site

CRESTFIELD POINT APARTMENTS

Jacksonville Township, Onslow County, North Carolina
350 Blue Creek School Road



Overall Site

Not to Scale

SHEET INDEX

Sheet	Description
1	Cover/Index Sheet
2	Site Plan
3	Existing Conditions Plan
4	Landscape Plan
5	Foundation Landscape Plan
6	Grading, Drainage, and Erosion & Sedimentation Control Plan
6A	Impervious Areas Map
7	Water and Sewer Plan
8	Plan & Profile of Water Line "A"
9	Plan & Profile of Water Line "B"
10	Site Detail Sheet
11	Grading, Drainage, and Erosion & Sedimentation Control Detail Sheet
12	Water and Sewer Detail Sheet
13	NCG01 Detail Sheet

Master Legend:

- Ac - Acres
- B-B - Back of Curb to Back of Curb
- BO - Blow Off
- CL - Centerline
- CB - Catch Basin w/ Inlet Protection
- CO - Cleanout
- Conc - Concrete
- C&G - Curb & Gutter
- D.B. - Dead Book
- DI - Ductile Iron
- edp - Edge of Pavement
- Elev - Elevation
- Ex - Existing
- cho - Existing Blow-off
- ecbv - Existing Cable TV Box
- efh - Existing Fire Hydrant
- egv - Existing Gate Valve
- egw - Existing Guy Wire
- epb - Existing Phone Box
- epw - Existing Power Pole
- essmh - Existing Sanitary Sewer Manhole
- ewm - Existing Water Meter
- FPE - Finish Floor Elevation
- FH - Fire Hydrant
- FES - Flared End Section
- FL - Flow Line
- GV - Gate Valve
- H/C - Handicap
- Inv - Invert
- L.F. - Linear Feet
- M.B. - Map Book
- MBG - Match Existing Grade
- MH - Manhole
- Min - Minimum
- MBL - Minimum Building Line
- NCDOT - North Carolina Department of Transportation
- N.C.S.R. - North Carolina Secondary Road
- Pg. - Page
- P.T. - Plug Tapped
- P.V.I. - Point of Vertical Intersection
- PVC - Polyvinyl Chloride Pipe
- R - Radius
- RCP - Reinforced Concrete Pipe
- RRA - Rip Rap Apron
- R/W - Right-of-way
- RCD - Rock Check Dam
- SS - Sanitary Sewer
- SFM - Sewer Force Main
- Sta. - Station
- S.F. - Square Foot
- Typ. - Typical
- V.C. - Vertical Curve
- WM - Water Meter
- YI - Yard Inlet w/ Inlet Protection
- x24.66 - Existing Spot Elevation

- Flow Arrow
- Handicap Parking
- Landscape Island Identification
- Proposed Pipe Label
- Proposed Spot Elevation
- Shrubs
- STOP - Stop Bar
- Stop Sign
- Street Address
- Top of Curb Elevation
- Flow Line Elevation



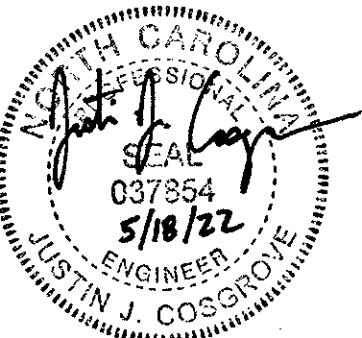
- Traffic Flow Arrow
- Tree
- Wetlands
- Clearing Limits
- Existing Ditch or Swale
- Existing Design Waterline
- Existing Sewer Force Main
- Overhead Power Line
- Proposed Ditch or Swale
- Proposed Waterline
- Underground Fiber Optic Line
- Underground Gas Line
- Underground Phone Line
- Wetlands Line
- Woods Line

Developer:

Carolina Statewide Development, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

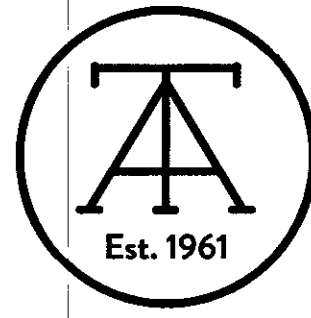
Owner:

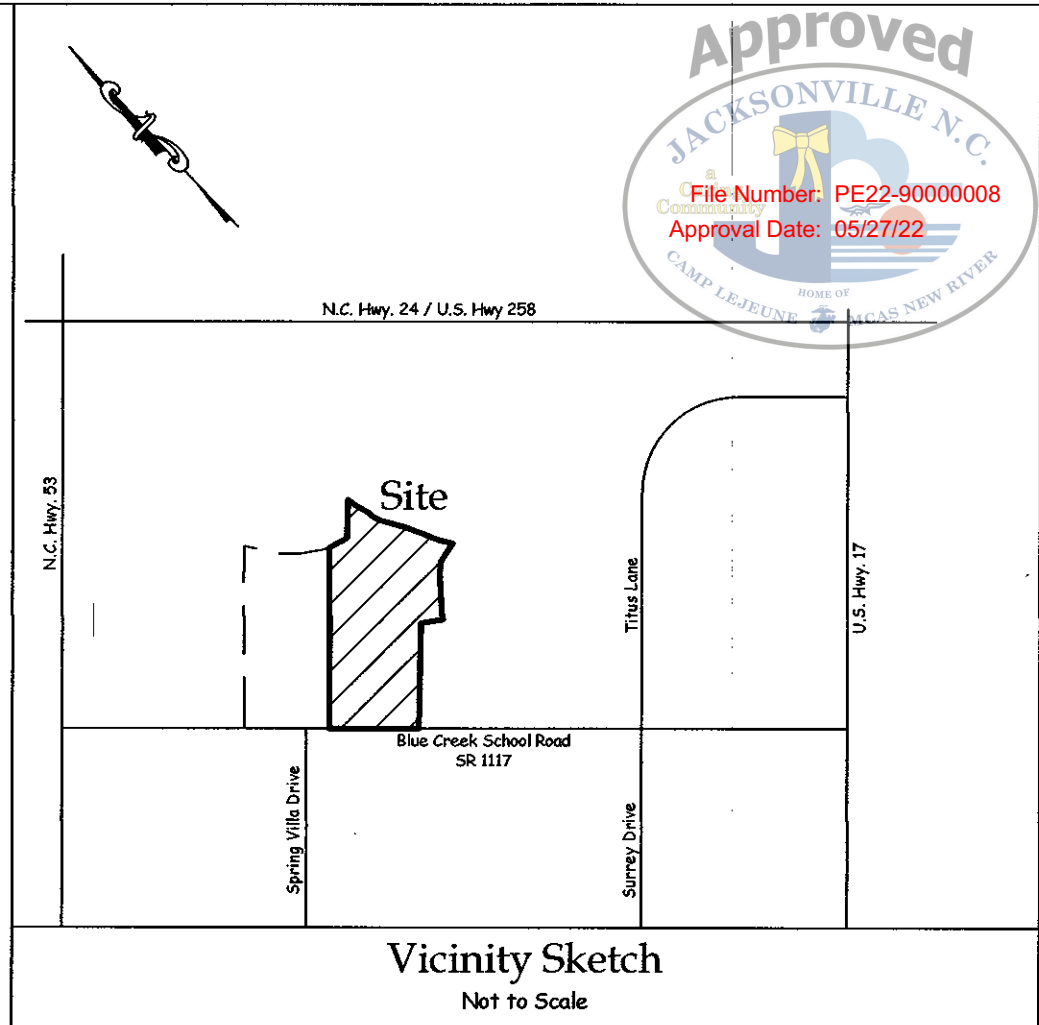
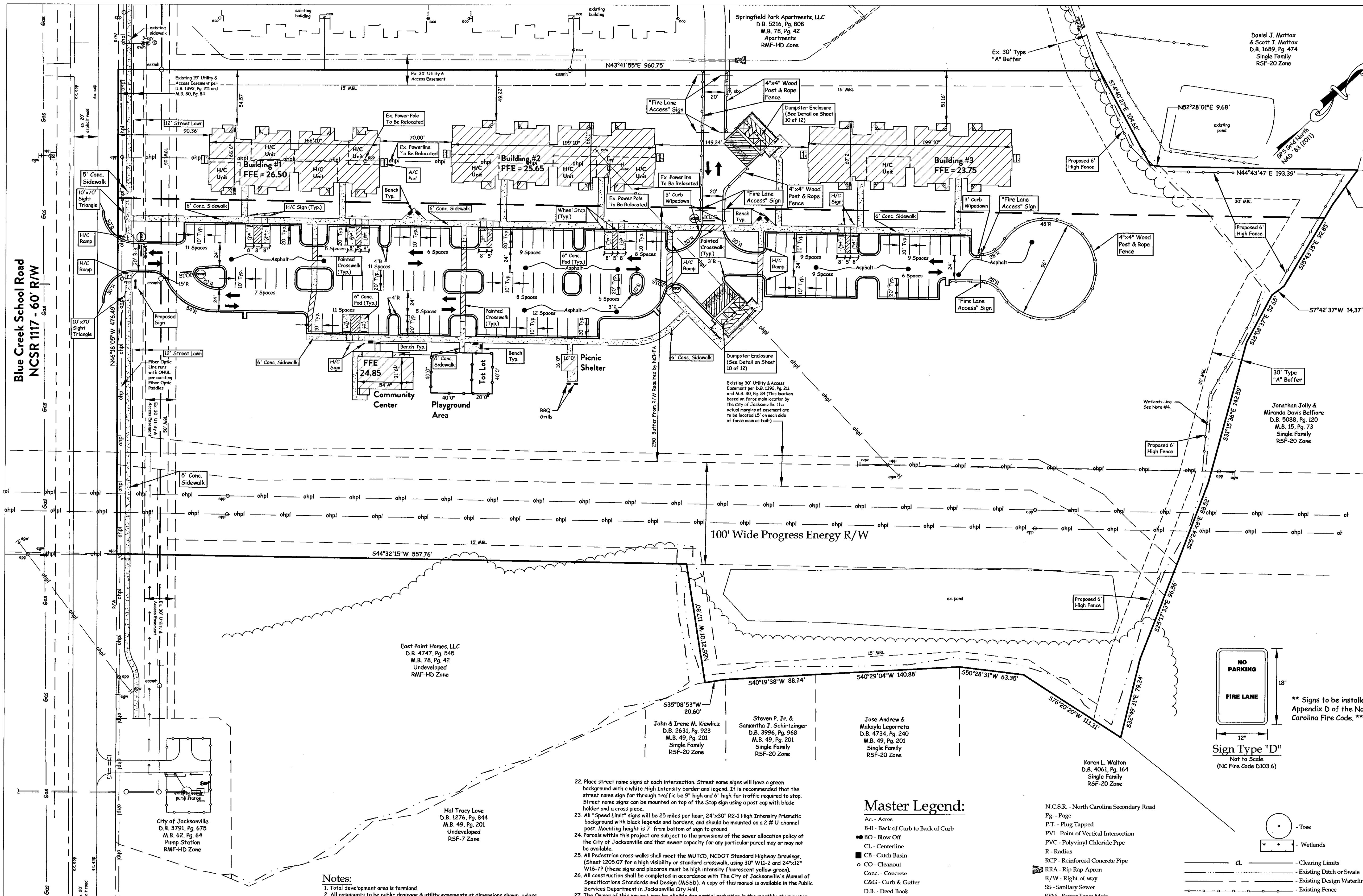
East Point Homes, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003



TIDEWATER ASSOCIATES, INC.

Consulting Engineers - Land Surveyors - Land Planners
Jacksonville, North Carolina
P.O. Box 976 - 306 New Bridge Street - 28540
Phone (910) 455-2414 - www.TidewaterENC.com
Firm License Number: F-0108





Tract Data	
Total Acreage	13.22 Ac.
Acreage of land to be disturbed and exposed	8.77 Ac.
Acreage in parks or other recreation land usage	0 Ac.
Acreage in open space (Required)	13.22 Ac. x 25% = 3.3 Ac.
Acreage in open space (Provided)	9.8 Ac.
Zone	RMF-HD (City of Jacksonville)
Number of Lots Existing	1
Number of Lots Proposed	1
Number of Units	72 (8 H/C Units)
Minimum Lot Size Allowed	n/a
Average Lot Size	n/a
Ownership Status	Rental
Type of Units	Apartment
Net Density Allowed (Max.)	5.45 Units/Acre
Density Proposed	5.45 Units/Acre
Existing Use(s)	Undeveloped
Proposed Use(s)	Apartment
Water Service	ONWASA
Sewer Service	COJ

Deed References:
D.B. 4747, Pg. 545
M.B. 81, Pg. 162
Tax Map 332, Parcel 88 PIN 435612963919

Setbacks	
Front Setback, min. (feet)	50 feet from R/W
Corner Side Setback, min. (feet)	30 feet from R/W
Rear Setback, min. (feet)	30 feet
Side Setback, min. (feet)	5 feet
Spacing Between Buildings, min. (feet)	10 feet, 15 feet for buildings over 35 feet tall

Building Data:	
Max. Building Height allowed	56'
Proposed Max. Height of Building	Apartment Building #1 = 35'± (3 Stories) Apartment Building #2 = 35'± (3 Stories) Apartment Building #3 = 35'± (3 Stories) Clubhouse = 15'± Picnic Pavilion = 15'
Sprinkler	YES - Apartment Buildings NO - Clubhouse
Existing Building Square Footage	0 S.F.
Proposed Building Square Footage	Apartment Building #1 = 27,959 S.F. Apartment Building #2 = 32,669 S.F. Apartment Building #3 = 32,682 S.F. Community Center = 1,938 S.F. Picnic Pavilion = 256 S.F.
Total Building Square Footage	95,504 S.F.
Construction Materials	Vinyl siding with brick veneer base

Parking Data:	
Parking Required	Apartment Buildings 1.75 per dwelling unit 1.75 x 72 = 126 spaces (5 H/C Spaces)
Compact Spaces Allowed	(up to 25% for lots w/ 10 or more spaces)
Existing Parking	0 Spaces
Parking Provided	127 Spaces (11 H/C Spaces)
Compact Spaces Provided	0 Spaces
Total Parking	127 Spaces (11 H/C Spaces)

All Radii are 5' Unless Otherwise Noted

All Radii are From Back of Curb

Site Plan - Type II

CRESTFIELD POINT APARTMENTS

350 Blue Creek School Road
Jacksonville Twp., Onslow Co., North Carolina

Developer:

Carolina Statewide Development, LLC

166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

DATE: 02/21/2022

SCALE: 1"=50'

GRAPHIC SCALE: 1"=50'

0 50 100 150 FEET

TIDEWATER ASSOCIATES, INC.

Consulting Engineers - Land Surveyors - Land Planners

Jacksonville, North Carolina

P.O. Box 976 - 306 New Bridge Street - 28540
Phone (910) 455-2414 - www.TideWaterINC.com
Firm License Number: F-0108

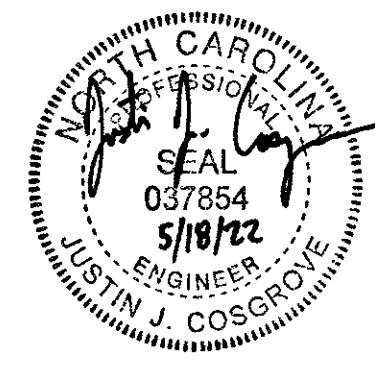
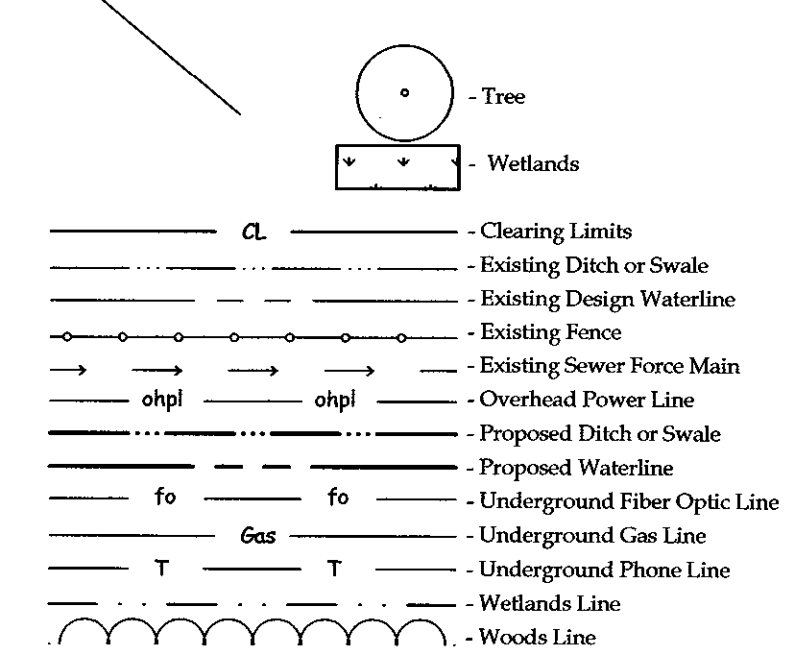
Note:

Contractor shall insure that he and all his workers (contractors, subcontractors and other site personnel) do not damage construction stakes or other measures used in laying out the project whether by the Engineer or another entry including these under the employ of the contractor. Contractor shall cause his workers to observe and verify to the fullest extent practicable that stakes, other measures and grades are, or appear to be, accurate and correct, and immediately, but prior to any associated work, notify the staking entity of any potential conflict, error or question regarding the work. The Engineer shall not be responsible if all of the above measures are not strictly adhered to. The Engineer shall not be responsible where due to damage, his staking can not be verified. For critical or costly components of the work, where the contractor believes that staking may not be preserved, the contractor shall request the staking entity to place staking in an area where its preservation can be insured.

22. Place street name sign at each intersection. Street name signs will have a green background with a white High Intensity border and legend. It is recommended that the street name sign for through traffic be 9" high and 6" high for traffic required to stop. Street name signs can be mounted on top of the Stop sign using a post cap with blade holder and a cross piece.
23. All "Speed Limit" signs will be 25 miles per hour, 24"x30" R2-1 High Intensity Prismatic background with black legends and borders, and should be mounted on a 2" #1 U-channel post. Mounting height is 7' from bottom of sign to ground.
24. Parcels within this project are subject to the provisions of the sewer allocation policy of the City of Jacksonville and that sewer capacity for any particular parcel may or may not be available.
25. All Pedestrian cross-walks shall meet the MUTCD, NCDOT Standard Highway Drawings, (Sheet 1205.07 for a high visibility or standard crosswalk, using 30" W11-2 and 24"x12" W15-77 (these signs and placards must be high intensity fluorescent yellow-green).
26. All construction shall be completed in accordance with The City of Jacksonville's Manual of Specifications Standards and Design (MSSD). A copy of this manual is available in the Public Services Department in Jacksonville City Hall.
27. The Owner of this project may be eligible for partial reduction in the monthly stormwater fee that will be associated with this development. To qualify for a fee credit the Owner will need to provide a completed credit application, copy of the City or State Stormwater issued permit, and a copy of the site plan. This should not be done prior to the project being completed.
28. It shall be unlawful for any person to make any excavation or do any other work which may cause a dangerous condition in or on any street, alley, sidewalk, public way or public place in the City, unless a written permit therefor shall have been first obtained from an officer of the City vested with authority to grant the same. No permit shall be issued in any case where a bond is required, until a bond shall have been executed and filed with the City clerk. The officer having authority to grant the desired permit may refuse to grant the same for good and sufficient cause, but the applicant therefore shall have the right to appeal from such refusal to the council.
29. All drives and parking to be asphalt.
30. Common areas (including drives and parking) will be maintained by the Crestfield Point Apartments Homeowners Associations.
31. 20' utility & access easement to be centered over all water mains, 30' utility & access easement to be centered over all sewer mains & 10' utility & access easement to be centered over all services up to & including water meters & sewer clean-outs
32. The drives inside this project are private. The drives are designed for and shall allow access by public service and public safety vehicles. A permanent easement shall be recorded on the final plat allowing use by the lot owners and building occupants and by public service and safety agencies. The developer / subdividers shall execute and record on the final plat an approved statement waiving any claims for damage resulting from normal use by public service and safety agencies, waiving rights to request municipal maintenance in the future, acknowledging public agencies' rights to discontinue service unless the street or drive is maintained properly, and establishing responsibility for continuing maintenance of the private street or drive. This information and the project nature shall be recorded on the final plat and also included as a covenant in all transfers of lots or units in the development.
33. For additional details, see specifications and additional plans.
34. Slopes: 3:1 Seeding Allowed, 2:1 Sod Required, 1:1 Not Allowed Unless Engineered (Retaining Wall) and Not Written on Easement.
35. Refuse Collection area will be constructed to match Primary Buildings.
36. Stop / Yield bars shall be a minimum of 4 feet behind the crosswalk. When used on multi-lane highways or mid-block crosswalks the stop bar should be a minimum of 40 feet prior to the crosswalk.
37. Place the word STOP in advance of the stop bars at the end of parking lots.
38. Existing control measures are performance based and may require adjustments as needed.
39. For erosion control requirements, refer to the approved permit / plan.
40. Existing ditch banks are not to be disturbed and if existing ditch banks are disturbed, they shall be regraded to have 3:1 or flatter side slopes and the centerline graded to produce positive drainage.

Master Legend:

- N.C.S.R. - North Carolina Secondary Road
- Ac. - Acres
- B-B. Back of Curb to Back of Curb
- BO - Blow Off
- CL - Centerline
- CB - Catch Basin
- CO - Cleanout
- Conc. - Concrete
- C&G - Curb & Gutter
- D.B. - Deed Book
- DI - Ductile Iron
- esp - Edge of Pavement
- Elev. - Elevation
- Ex. - Existing
- exbo - Existing Blow-off
- excb - Existing Cable TV Box
- exfh - Existing Fire Hydrant
- exgw - Existing Gate Valve
- exgv - Existing Guy Wire
- expb - Existing Phone Box
- expp - Existing Power Pole
- exsmh - Existing Sanitary Sewer Manhole
- exwm - Existing Water Meter
- FFC - Finish Floor Elevation
- FFH - Fire Hydrant
- FFS - Flared End Section
- FL - Flow Line
- GV - Gate Valve
- H/C - Handicap
- Inv. - Invert
- L.F. - Linear Feet
- M.B. - Map Book
- MKG - Match Existing Grade
- MN - Manhole
- Min. - Minimum
- MBL - Minimum Building Line
- NCDOT - North Carolina Department of Transportation
- NCSR - North Carolina Secondary Road
- Pg. - Page
- P.T. - Plug Tapped
- PVI - Point of Vertical Intersection
- PVC - Polyvinyl Chloride Pipe
- R - Radius
- RCP - Reinforced Concrete Pipe
- RRA - Rip Rap Apron
- R/W - Right-of-way
- SS - Sanitary Sewer
- SFM - Sewer Force Main
- Sta. - Station
- SF - Square Foot
- Typ. - Typical
- V.C. - Vertical Curve
- WM - Water Meter
- X24.66 - Existing Spot Elevation
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- Shrub
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- Stop Sign
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- Traffic Flow Arrow

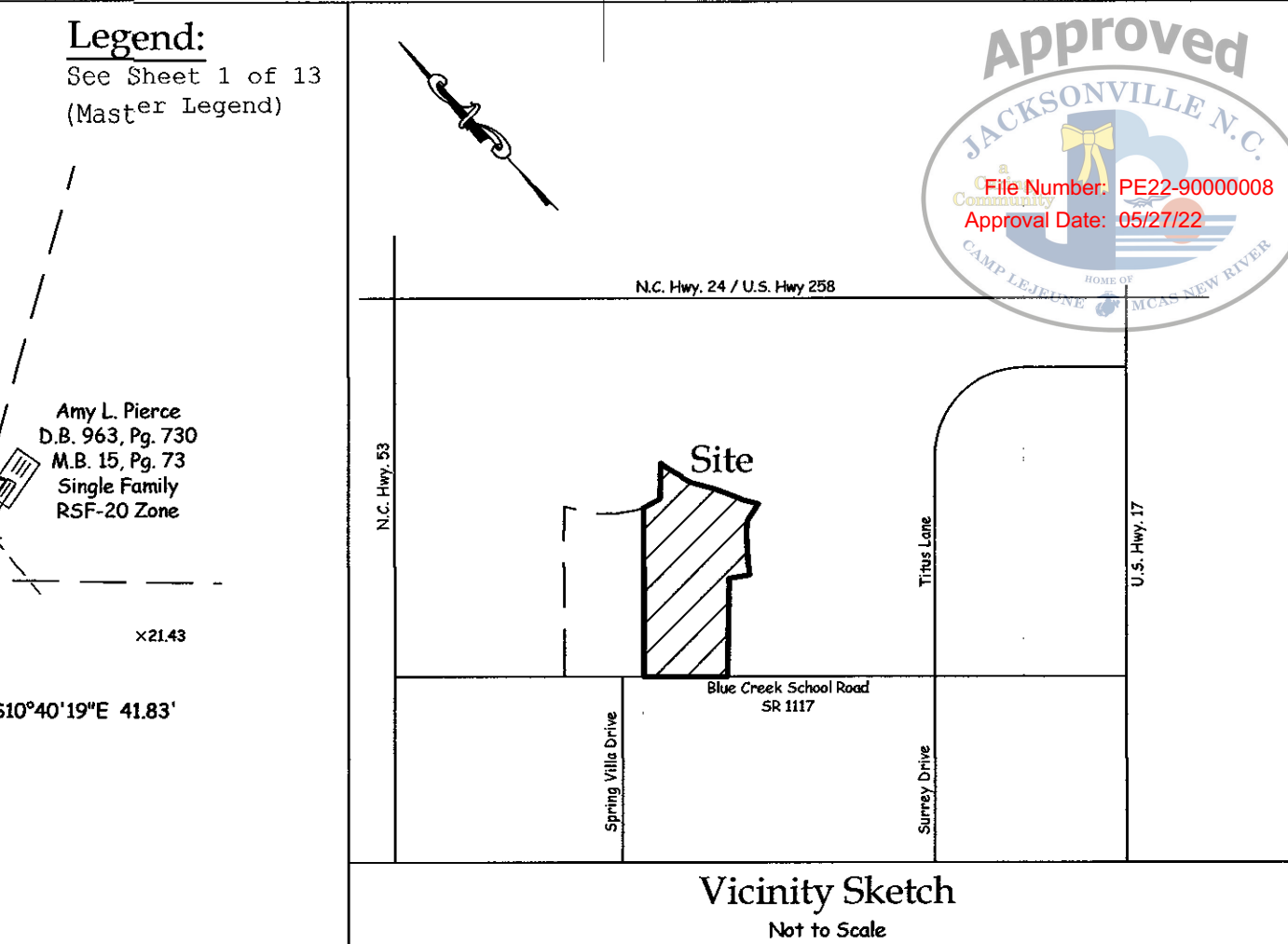
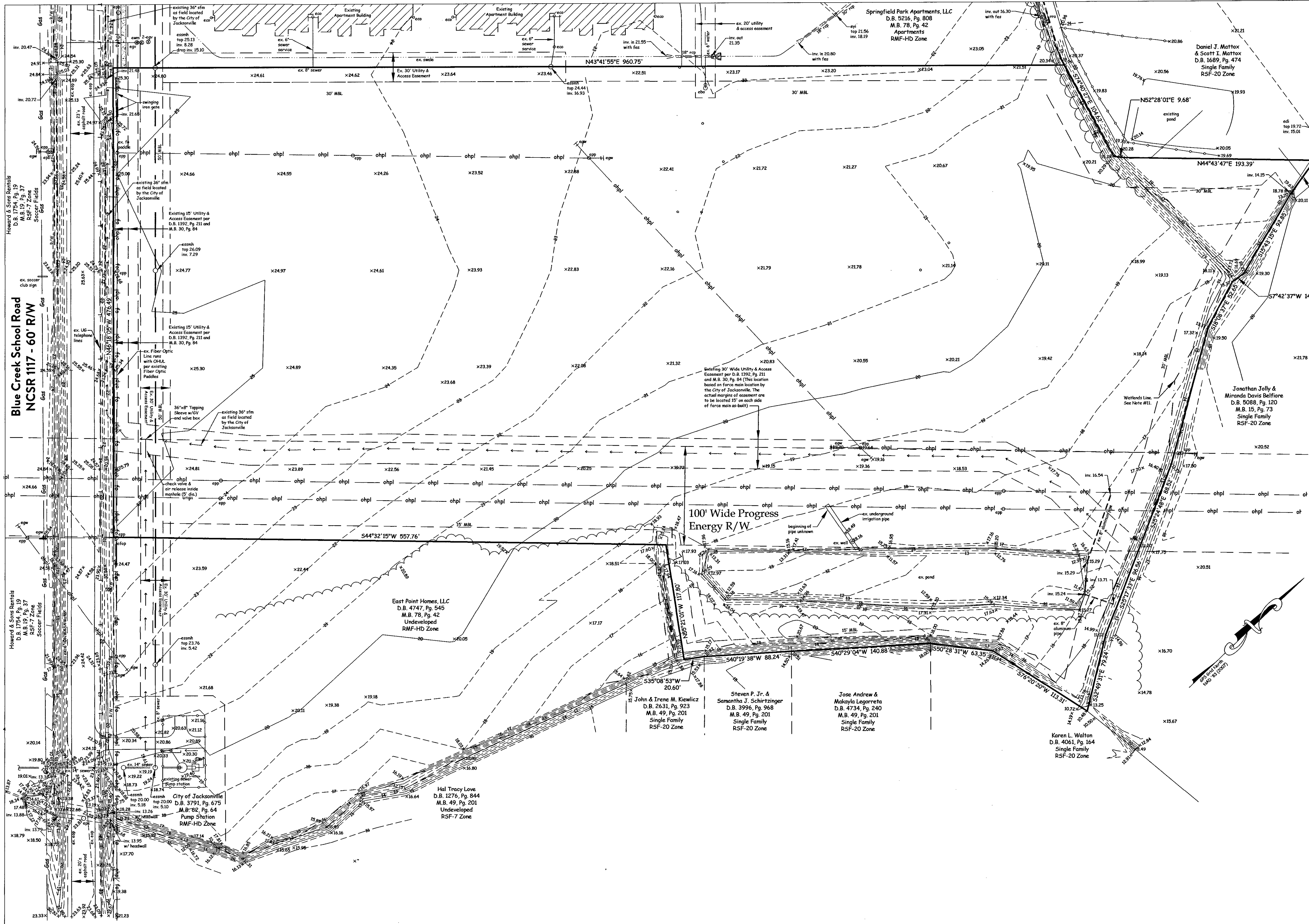


Owner:

East Point Homes, LLC

166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

Field Book: N/A
Disk Name: Acad 2899
Filename: Crestfield - Shading KHW
Job No.: C21082-7848



Tract Data

Total Acreage	13.22 Ac.
Percentage of Site Devoted	1
To Open Space	100%
Number of Lots Existing	0
Number of Units Existing	0
Existing Use(s)	Undeveloped
Water Service	ONWASA
Sewer Service	COJ
Zone	RMF-HD (City of Jacksonville)

Deed References:
D.B. 4747, Pg. 545
M.B. 78, Pg. 42
Tax Map 332, Parcel 88 PIN 435612963919

Setbacks

Front Setback, min. (feet)	50 feet from R/W
Corner Side Setback, min. (feet)	30 feet from R/W
Rear Setback, min. (feet)	30 feet
Side Setback, min. (feet)	5 feet
Spacing Between Buildings, min. (feet)	10 feet, 15 feet for buildings over 35 feet tall

- Notes:**
1. Total development area is farmland.
 2. No USGS or NC65 monuments within 200' of site.
 3. No Register of Deeds Search done by, or furnished to surveyor in regards to Deed or Covenant Restrictions.
 4. The GPS portion of the boundary/control work was performed to third order, Class I, FGCC specifications; the coordinates were obtained by Real Time Kinematic Differential GPS Observations using Trimble Survey Grade 5800 GPS Unit, NC65 RTK Network Adjustments to NC Grid NAD '83, 2011 Adjustments. Average Positional Accuracy is 0.04' for the runs.
 5. All distances are horizontal ground, U.S. Survey Feet.
 6. Elevations per NAVD '88 Datum.
 7. The existence of utilities may imply the existence of an easement.
 8. Existing water line sizes and location taken from plans provided by the City of Jacksonville and field locations.
 9. Existing sewer line size and location taken from plans provided by the City of Jacksonville and field locations.
 10. There are no Areas of Environmental Concern (AEC) as defined by Coastal Area Management Act (CAMA) on this site.
 11. Wetlands line taken from map titled "Wetlands Survey" by Johnny J. Williams Land Surveying, PC dated 04/24/12.
 12. This project is not affected by any special flood hazard area based upon FEMA map QFN 37017B 4356J (City of Jacksonville), Effective November 3, 2005.
 13. Topographic contours taken from an actual survey by Johnny J. Williams Land Surveying, P.C. in December 28, 2009.
 14. Boundary data per survey by Johnny J. Williams Land Surveying, PC in December, 2009.

Note:
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Existing Conditions Plan

CRESTFIELD POINT APARTMENTS
350 Blue Creek School Road
Jacksonville Twp., Onslow Co., North Carolina

Owner:
East Point Homes, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

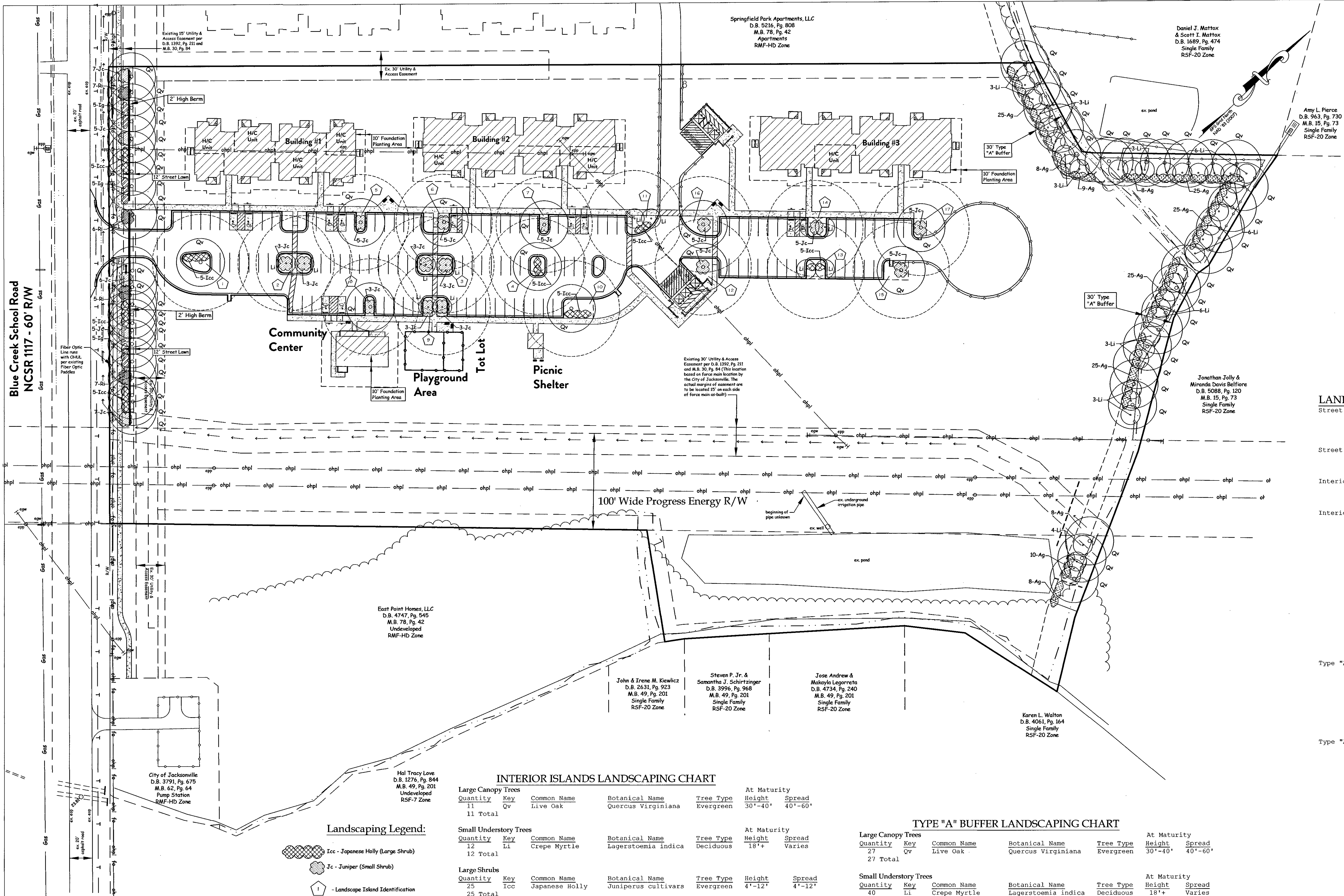
Developer:
Carolina Statewide Development, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

DATE: 02/21/2022
SCALE: 1"=50'

GRAPHIC SCALE: 1"=50'
0 50 100 150
FEET

TIDEWATER ASSOCIATES, INC.
Consulting Engineers - Land Surveyors - Land Planners
Jacksonville, North Carolina
P.O. Box 976 - 306 New Bridge Street - 28540
Phone (910) 455-2414 - www.TidewaterENC.com
Firm License Number: F-0108

Sheet 3 of 13



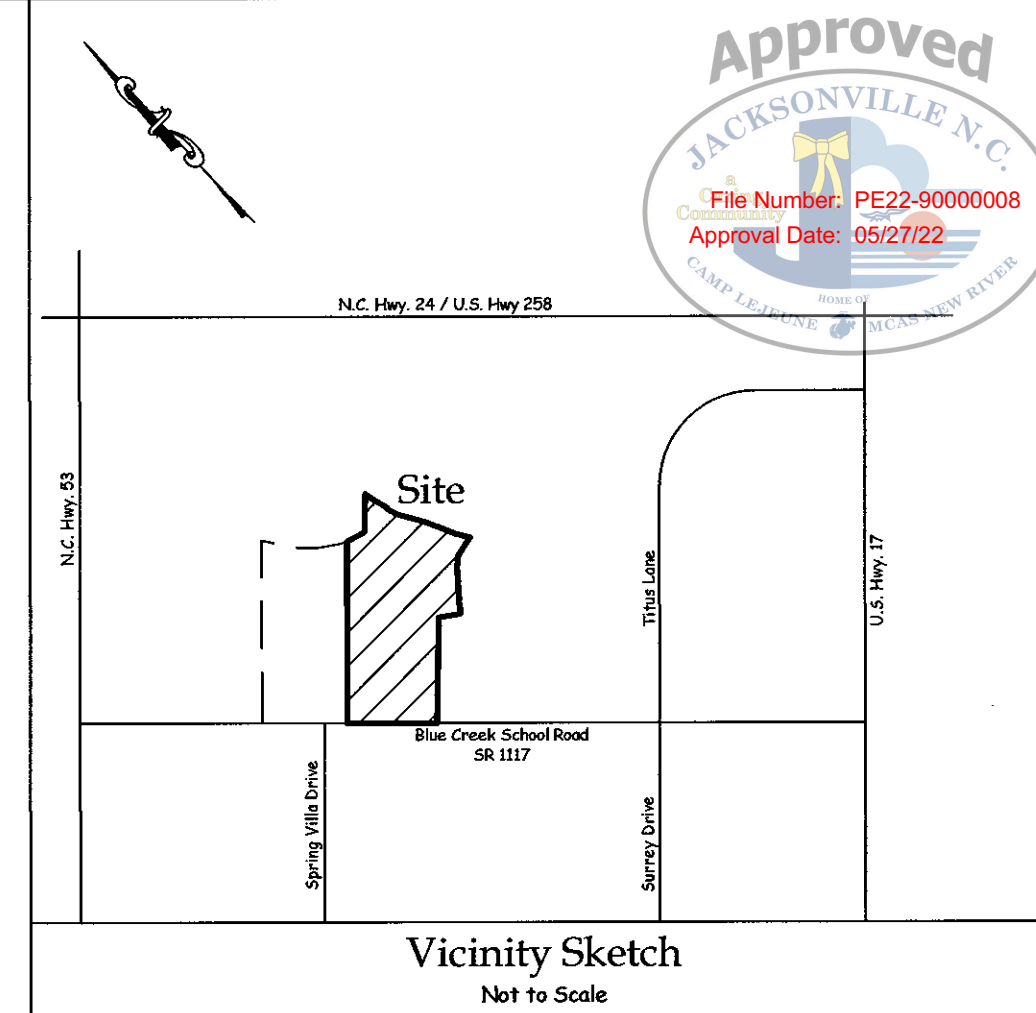
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INTERIOR ISLANDS LANDSCAPING CHART						
Large Canopy Trees					At Maturity	
Quantity	Key	Common Name	Botanical Name	Tree Type	Height	Spread
11	Qv	Live Oak	Quercus Virginiana	Evergreen	30'-40'	40'-60'
11 Total						
Small Understory Trees					At Maturity	
Quantity	Key	Common Name	Botanical Name	Tree Type	Height	Spread
12	Li	Crepe Myrtle	Lagerstoemia indica	Deciduous	18'+	Varies
12 Total						
Large Shrubs						
Quantity	Key	Common Name	Botanical Name	Tree Type	Height	Spread
25	Icc	Japanese Holly	Juniperus cultivars	Evergreen	4'-12'	4'-12'
25 Total						
Small Shrubs						
Quantity	Key	Common Name	Botanical Name	Tree Type	Height	Spread
63	Jc	Junipers	Juniperus cultivars	Evergreen	1'-20'	1'-10'
63 Total						

STREET LAWN LANDSCAPING CHART						
Large Canopy Trees					At Maturity	
Quantity	Key	Common Name	Botanical Name	Tree Type	Height	Spread
21	Qv	Live Oak	Quercus Virginiana	Evergreen	30'-40'	40'-60'
21 Total						
Large Shrubs						
Quantity	Key	Common Name	Botanical Name	Tree Type	Height	Spread
15	Icc	Japanese Holly	Ilex crenata cultivars	Evergreen	4'-12'	4'-12'
15	Ig	Inkberry Holly	Ilex glabra	Evergreen	5'-10'	5'-10'
30 Total						
Small Shrubs						
Quantity	Key	Common Name	Botanical Name	Tree Type	Height	Spread
30	Jc	Junipers	Juniperus cultivars	Evergreen	1'-20'	1'-10'
25	Ri	Indian Hawthorn	Raphiolepis indica	Deciduous	5'-7'	4'-6'
55 Total						

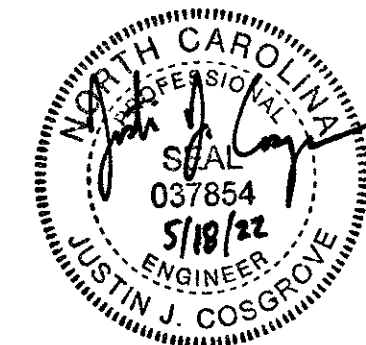
TYPE "A" BUFFER LANDSCAPING CHART						
Large Canopy Trees		Quantity	Key	Common Name	Botanical Name	Tree Type
Height	Spread					
30'-40'	40'-60'	27	Qv	Live Oak	Quercus Virginiana	Evergreen
27 Total						
Small Understory Trees		Quantity	Key	Common Name	Botanical Name	Tree Type
Height	Spread					
18'+	Varies	40	Li	Crepe Myrtle	Lagerstoemia indica	Deciduous
40 Total						
Shrubs		Quantity	Key	Common Name	Botanical Name	Tree Type
Height	Spread					
3'-6'	3'-6'	168	Ag	Glossy Abelia	Abelia grandiflor	Evergreen
168 Total						

Owner:
East Point Homes, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003



- Landscaping Notes:**
- Each large tree at the time of planting shall be a minimum of 2 inches in caliper and 10 feet in height.
 - When mature, a large tree should be at least 40 feet high, have minimum crown width of 30 feet, and a trunk of at least 12 inches.
 - Each understory tree at the time of planting shall be a minimum of 1 inch in caliper and 8 feet in height.
 - Each shrub at the time of planting shall be a minimum of 3 gallons.
 - The developer may substitute landscaping species as long as the City landscaping ordinances are met. Substitutions should be confirmed with the Planning Division.
 - All landscaped areas to have grass, or mulch cover.

LANDSCAPING DATA:	
Street Lawn Landscaping Required	6 Large Trees, 25 Shrubs Per 100 L.F. Of Street Lawn (341 L.F. Of Street Lawn) 21 Large Trees 85 Shrubs
Street Lawn Landscaping Provided	341 L.F. Of Street Lawn 21 Large Trees 85 Shrubs
Interior Landscaped Islands Required ...	1 Island Per 10 Parking Space 127 Parking Space = 13 Islands 1 Tree Per Island 5 Shrubs Per Island
Interior Landscaped Islands Provided ...	17 Islands Island 1 = 454 S.F. = 1 Tree, 5 Shrubs Island 2 = 553 S.F. = 2 Tree, 6 Shrubs Island 3 = 599 S.F. = 2 Tree, 6 Shrubs Island 4 = 279 S.F. = 1 Tree, 5 Shrubs Island 5 = 173 S.F. = 1 Tree, 5 Shrubs Island 6 = 222 S.F. = 1 Tree, 5 Shrubs Island 7 = 173 S.F. = 1 Tree, 5 Shrubs Island 8 = 173 S.F. = 1 Tree, 5 Shrubs Island 9 = 390 S.F. = 2 Tree, 6 Shrubs Island 10 = 305 S.F. = 1 Tree, 5 Shrubs Island 11 = 374 S.F. = 2 Tree, 5 Shrubs Island 12 = 248 S.F. = 1 Tree, 5 Shrubs Island 13 = 579 S.F. = 2 Tree, 5 Shrubs Island 14 = 569 S.F. = 2 Tree, 5 Shrubs Island 15 = 505 S.F. = 1 Tree, 5 Shrubs Island 16 = 410 S.F. = 1 Tree, 5 Shrubs Island 17 = 310 S.F. = 1 Tree, 5 Shrubs
Type "A" Buffer Required	4 Canopy Trees, 6 Understory Trees, 25 Small Shrubs and 6' High Fence (774 L.F. of Buffer - 104 Natural Buffer = 670 L.F. of Buffer) 27 Canopy Trees 40 Understory Trees 168 Small Shrubs
Type "A" Buffer Provided	774 L.F. of Buffer (104 Natural Buffer)= 670 L.F. of Buffer 27 Canopy Trees 40 Understory Trees 168 Small Shrubs



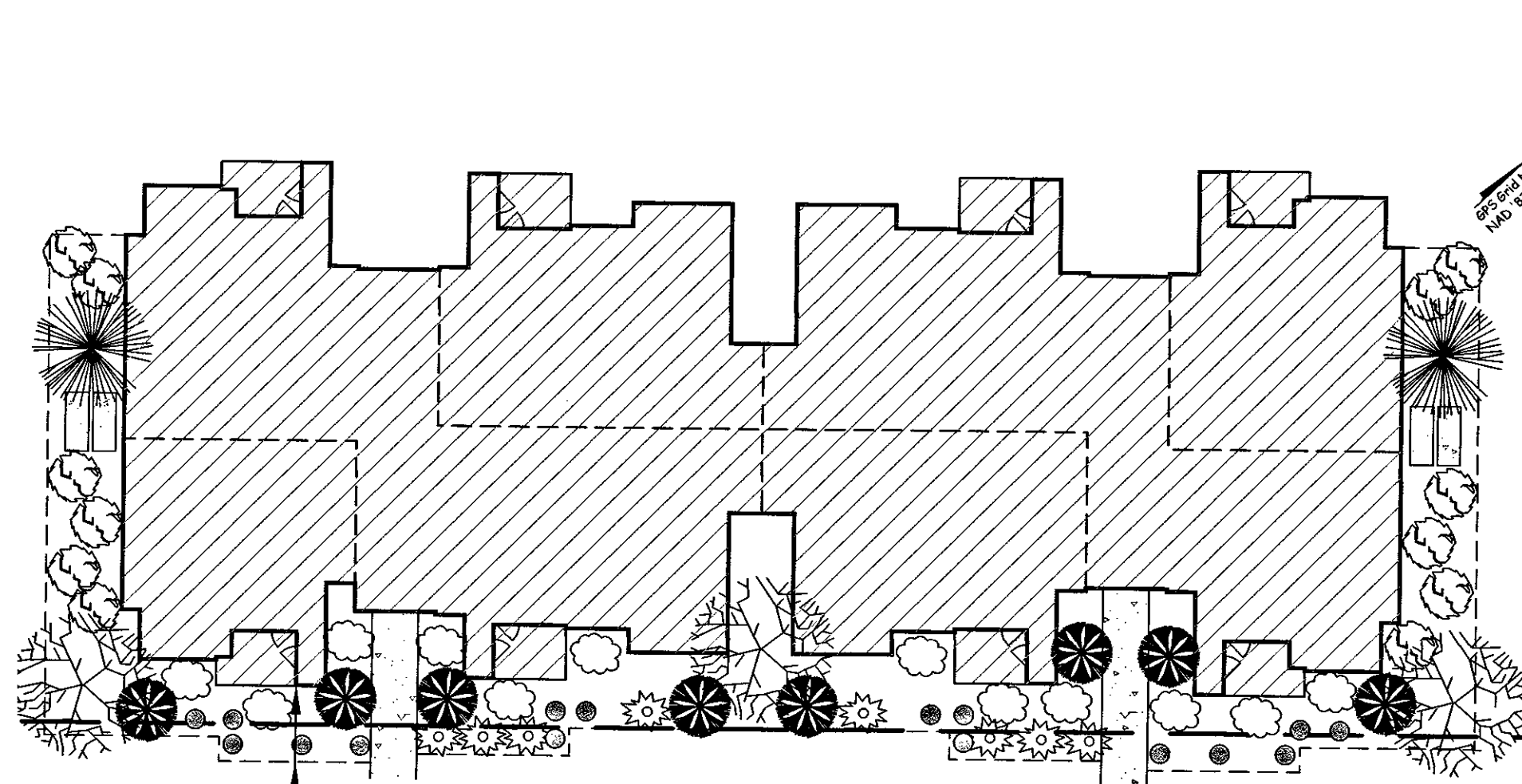
CRESTFIELD POINT APARTMENTS
350 Blue Creek School Road
Jacksonville Twp., Onslow Co., North Carolina

Developer:
Carolina Statewide Development, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

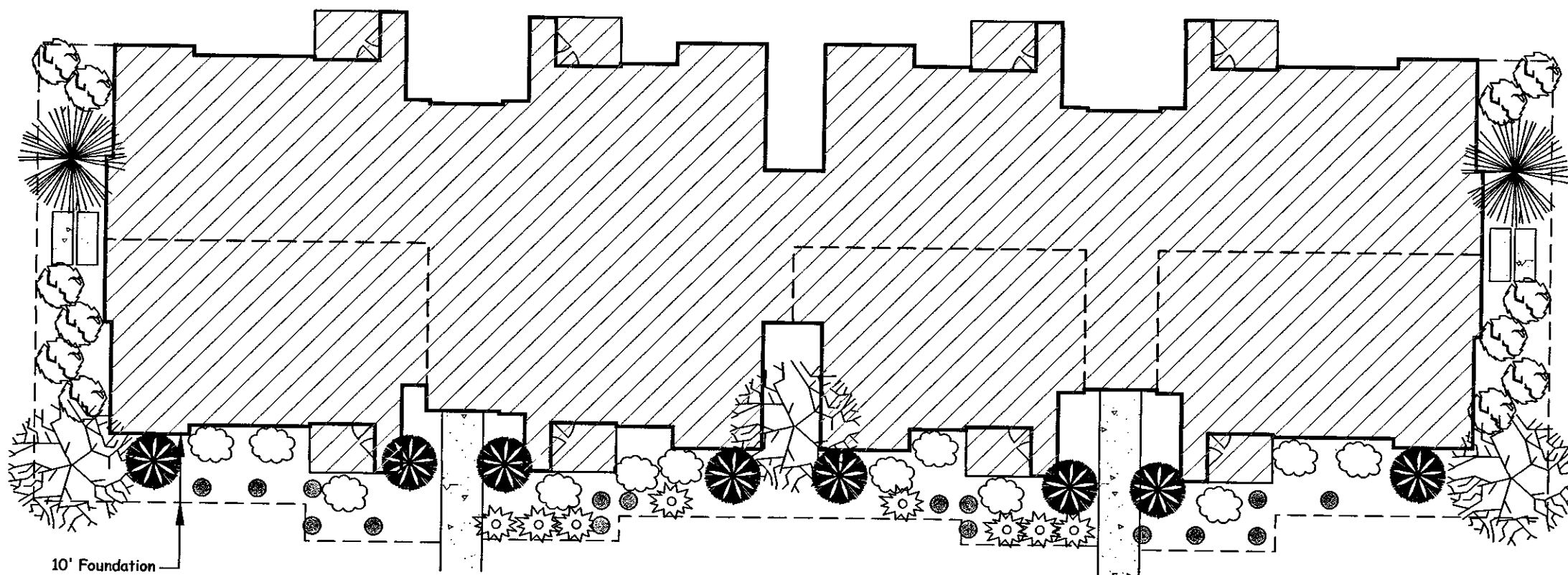
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GRAPHIC SCALE: 1"=50'
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FEET

TIDEWATER ASSOCIATES, INC.
Consulting Engineers - Land Surveyors - Land Planners
Jacksonville, North Carolina
P.O. Box 976 - 306 New Bridge Street - 28540
Phone (910) 455-2414 - www.TideWaterENG.com
Firm License Number: F-0108

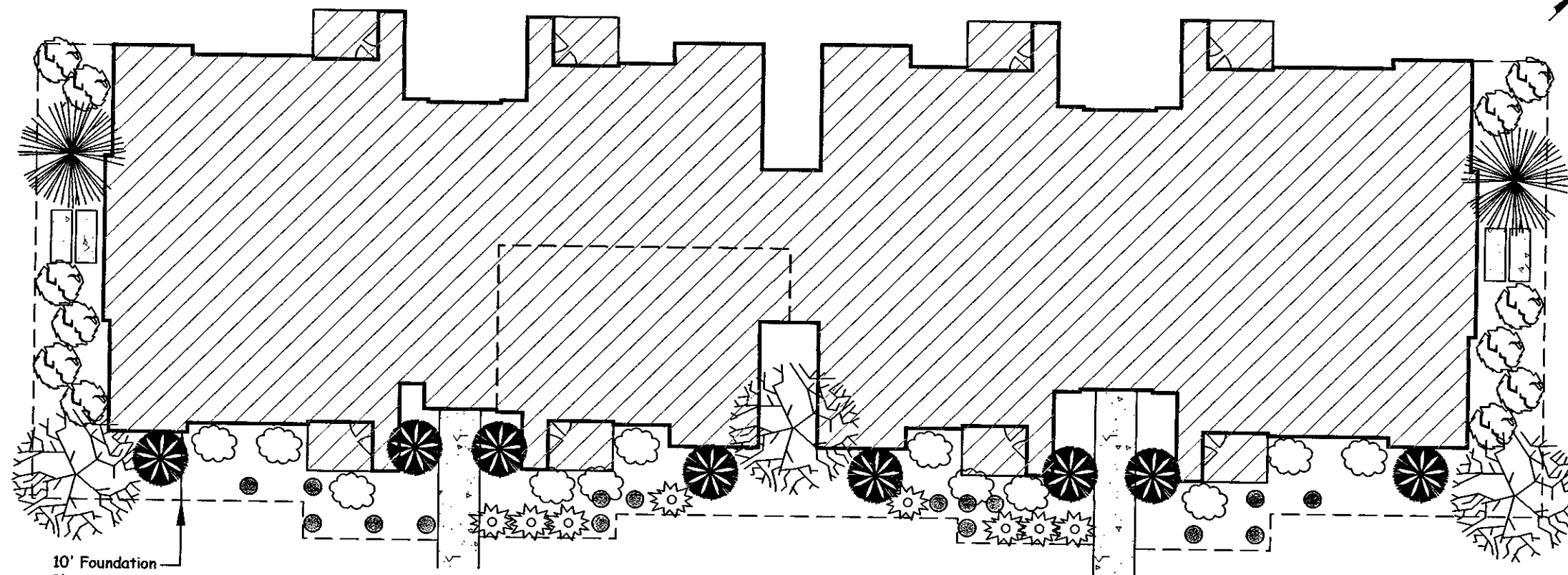




**Building #1
Landscaping Plan**
Scale: 1"=20'



**Building #2
Landscaping Plan**
Scale: 1"=20'



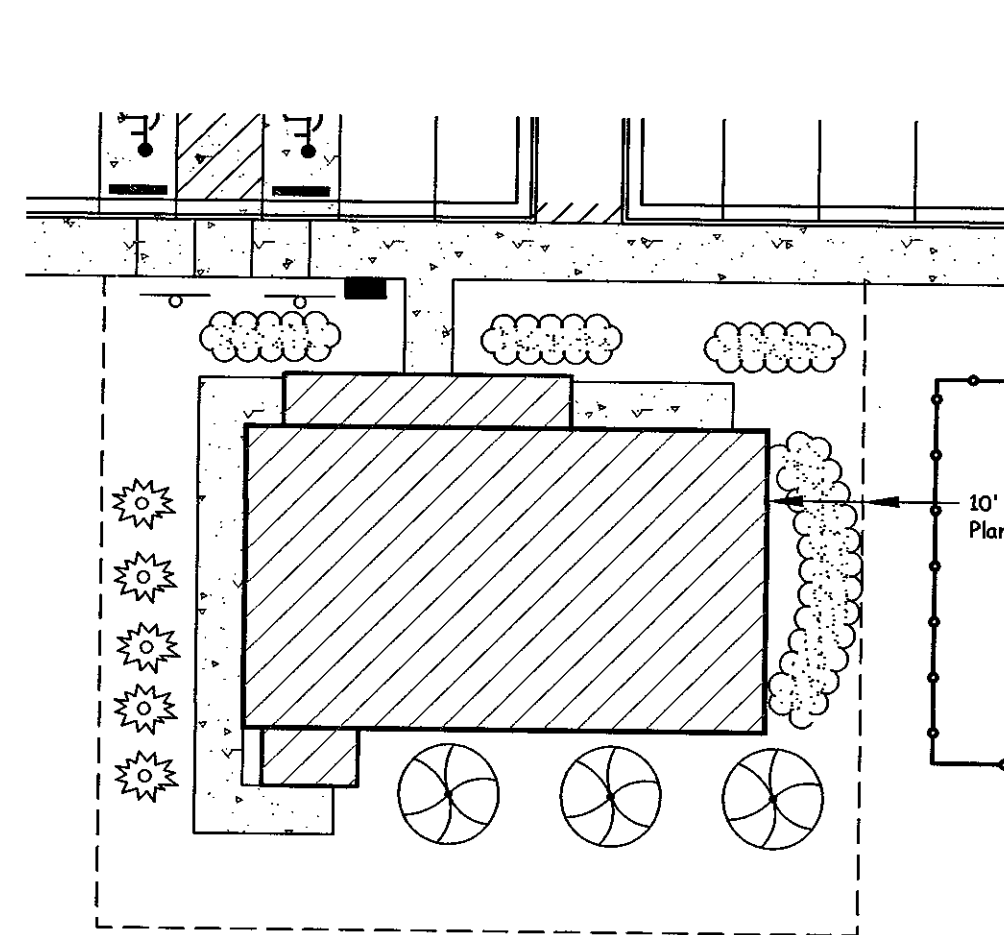
**Building #3
Landscaping Plan**
Scale: 1"=20'

Apartment Foundation Landscaping Legend:

- American Holly (2 Each Bldg. = 10 Total)
- Loropetalum (8 Each Bldg. = 40 Total)
- Abelia "radiance" or other variegated species (12 Each Bldg. = 60 Total)
- Crepe Myrtle (3 Each Bldg. = 15 Total)
- Ligustrum "Sunshine" or Lemon Lime" (16 Each Bldg. = 80 Total)
- Nandina (8 Each Bldg. = 40 Total)
- Indian Hawthorn (12 Each Bldg. = 60 Total)

APARTMENT FOUNDATION LANDSCAPING CHART

Small Understory Trees						
Quantity	Key	Common Name	Botanical Name	Tree Type	At Maturity Height	Spread
15	Li	Crepe Myrtle	Lagerstroemia indica	Deciduous	18'+	Varies
10	IoA	American Holly	Ilex opaca Aiton	Evergreen	15'-25'	10'-20'
25	Total					
Large Shrubs						
Quantity	Key	Common Name	Botanical Name	Tree Type	Height	Spread
40	Lc	Loropetalum	Loropetalum chinense	Evergreen	10'-15'	10'-15'
40	Total					
Small Shrubs						
Quantity	Key	Common Name	Botanical Name	Tree Type	Height	Spread
60	Ag	Glossy Abelia	Abelia grandiflora 'Radiance'	Evergreen	3'-6'	3'-4'
80	Ls	Ligustrum	Ligustrum sinense 'Sunshine'	Evergreen	3'-6'	3'-4'
40	Nd	Nandina	Nandina domestica	Evergreen	5'-7'	3'-5'
60	Ri	Indian Hawthorn	Raphiolepis indica	Deciduous	5'-7'	4'-6'
240	Total					



**Community Center
Landscaping Plan**
Scale: 1"=20'

Community Center Foundation Landscaping Legend:

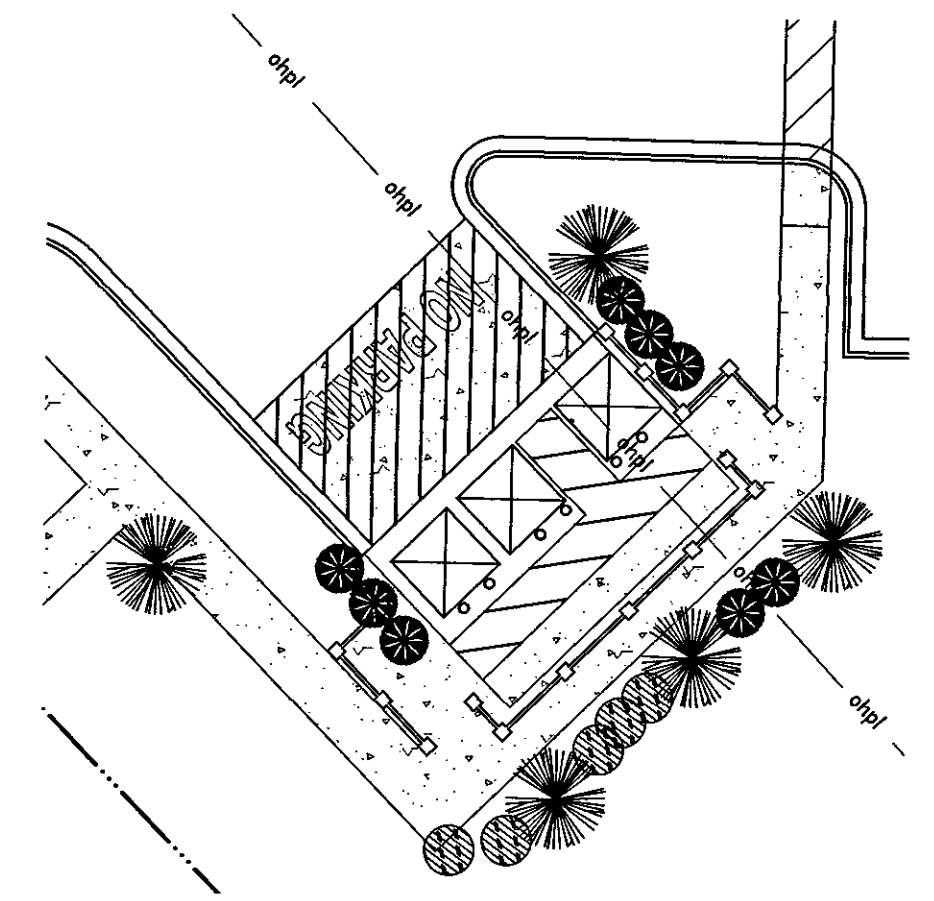
- American Holly (5 Total)
- Loropetalum (12 Total)
- Abelia "radiance" or other variegated species (11 Total)
- Crepe Myrtle (2 Total)
- Red Maple (5 Total)
- Nandina (5 Total)
- Plum Yew (15 Total)

COMMUNITY CENTER FOUNDATION LANDSCAPING CHART

Small Understory Trees						
Quantity	Key	Common Name	Botanical Name	Tree Type	At Maturity Height	Spread
2	Li	Crepe Myrtle	Lagerstroemia indica	Deciduous	18'+	Varies
5	IoA	American Holly	Ilex opaca Aiton	Evergreen	15'-25'	10'-20'
5	Ar	Red Maple	Acer rubrum	Deciduous	40'-60'	40'
12	Total					
Large Shrubs						
Quantity	Key	Common Name	Botanical Name	Tree Type	Height	Spread
12	Lc	Loropetalum	Loropetalum chinense	Evergreen	10'-15'	10'-15'
15	Tf	Plum Yew	Taxus floridana	Evergreen	15'	3'-5'
27	Total					
Small Shrubs						
Quantity	Key	Common Name	Botanical Name	Tree Type	Height	Spread
11	Ag	Glossy Abelia	Abelia grandiflora 'Radiance'	Evergreen	3'-6'	3'-4'
5	Nd	Nandina	Nandina domestica	Evergreen	5'-7'	3'-5'
16	Total					

Dumpster Landscaping Legend:

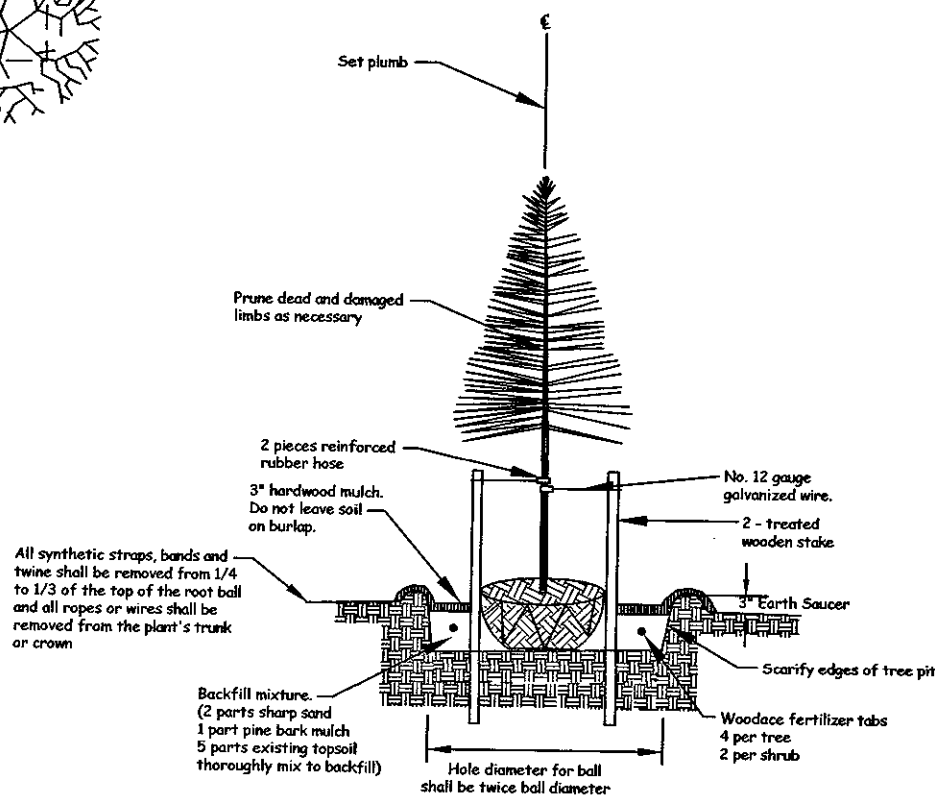
- American Holly (5 Each Dumpster = 10 Total)
- Loropetalum (8 Each Dumpster = 16 Total)
- Wax Myrtle (5 Each Dumpster = 10 Total)



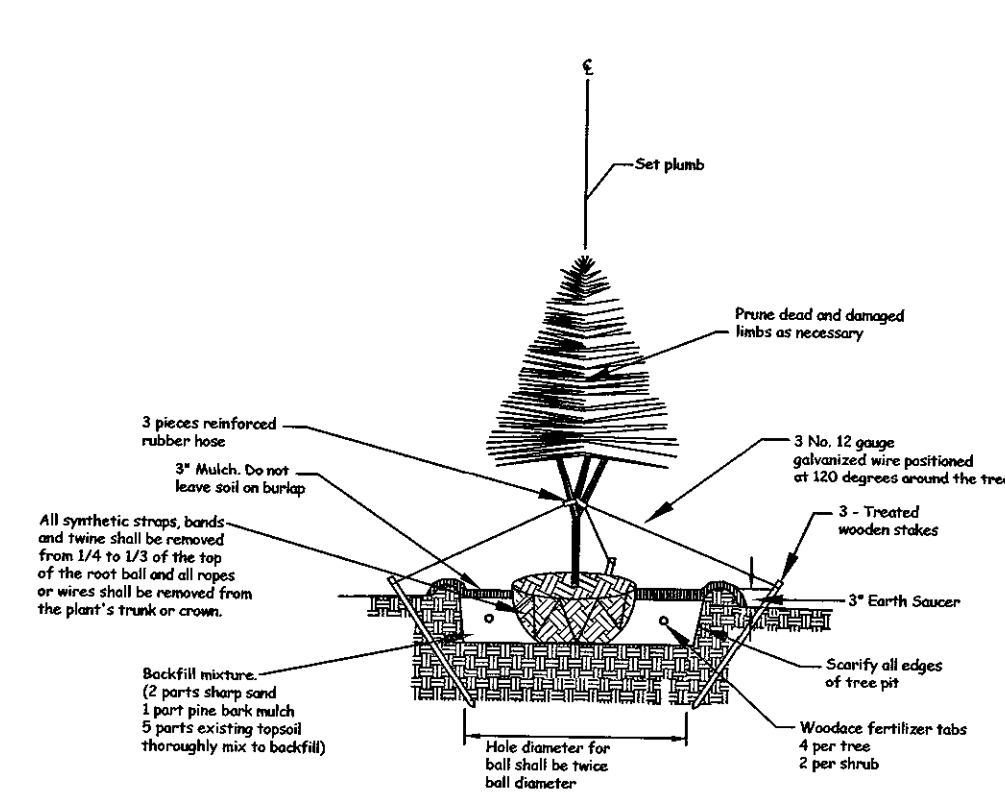
**Dumpster
Landscaping Plan**
Scale: 1"=20'

DUMPSTER LANDSCAPING CHART

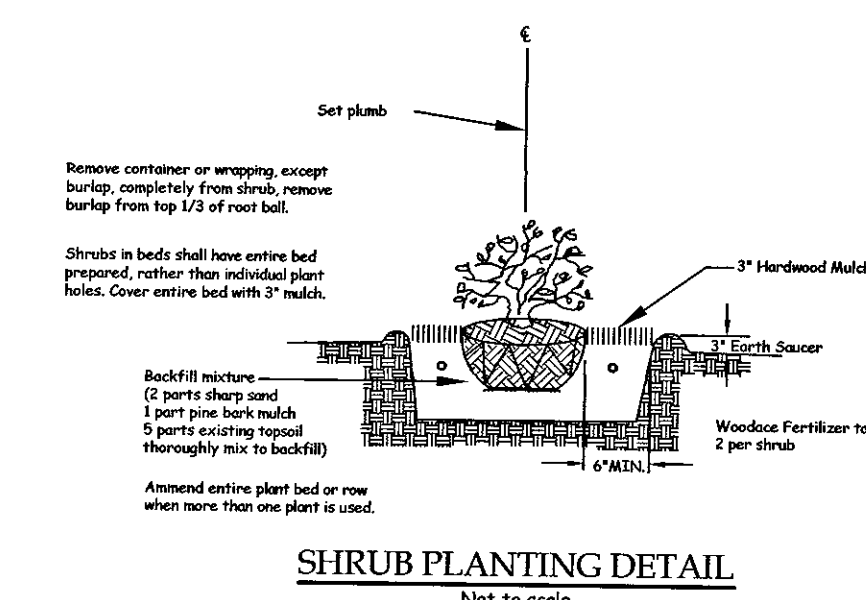
Large Canopy Trees						
Quantity	Key	Common Name	Botanical Name	Tree Type	At Maturity Height	Spread
10	IoA	American Holly	Ilex opaca Aiton	Evergreen	15'-25'	10'-20'
10	Mc	Wax Myrtle	Myrica cerifera	Evergreen	20'	6'-12'
20	Total					
Large Shrubs						
Quantity	Key	Common Name	Botanical Name	Tree Type	Height	Spread
16	Lc	Loropetalum	Loropetalum chinense	Evergreen	10'-15'	10'-15'
16	Total					



CANOPY TREE PLANTING DETAIL
Not to scale



ORNAMENTAL TREE PLANTING DETAIL
For small trees with a low branching habit
Not to scale



SHRUB PLANTING DETAIL
Not to scale

Owner:
East Point Homes, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

Foundation Landscape Plan

CRESTFIELD POINT APARTMENTS

350 Blue Creek School Road
Jacksonville Twp., Onslow Co., North Carolina

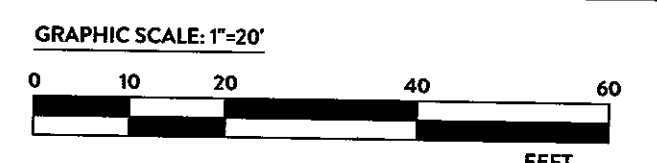
Developer:

Carolina Statewide Development, LLC

166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

DATE: 02/21/2022

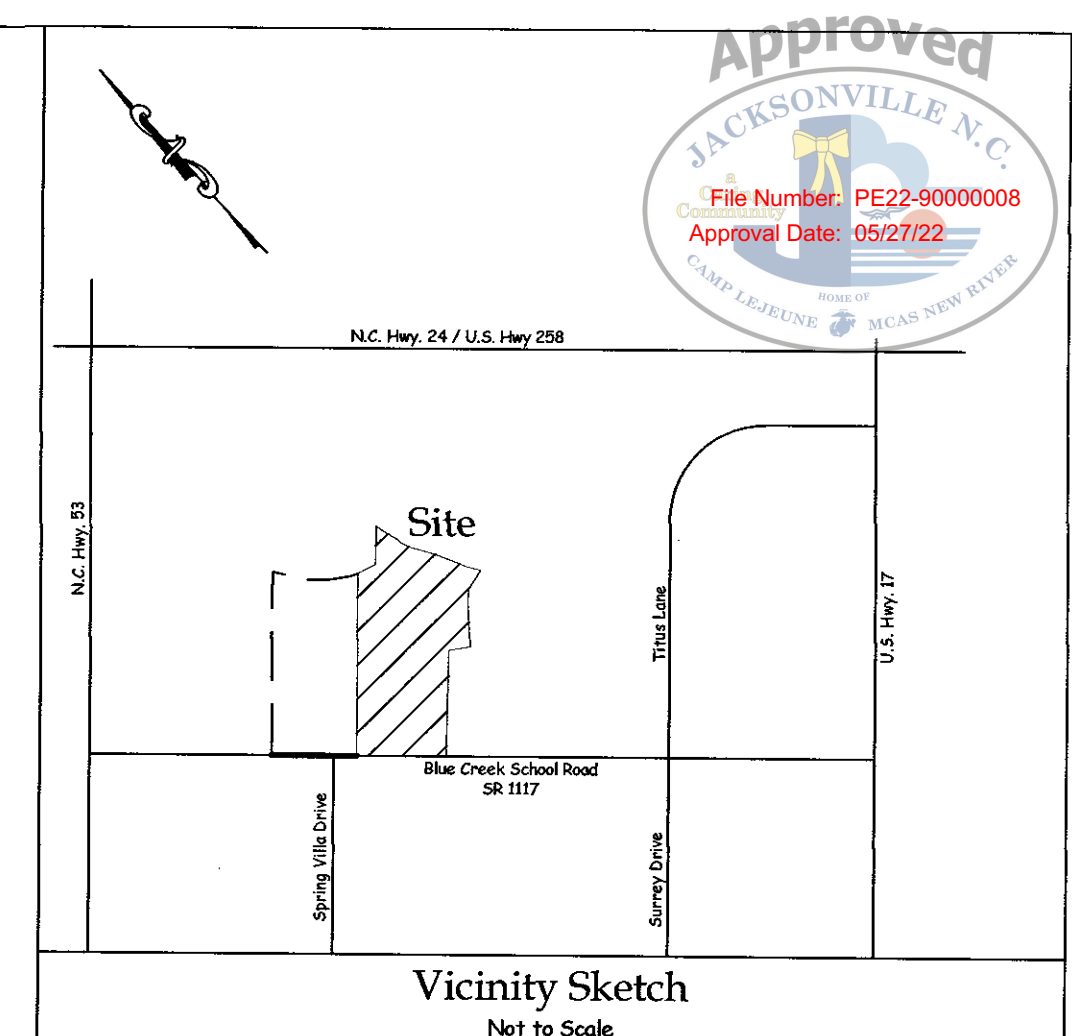
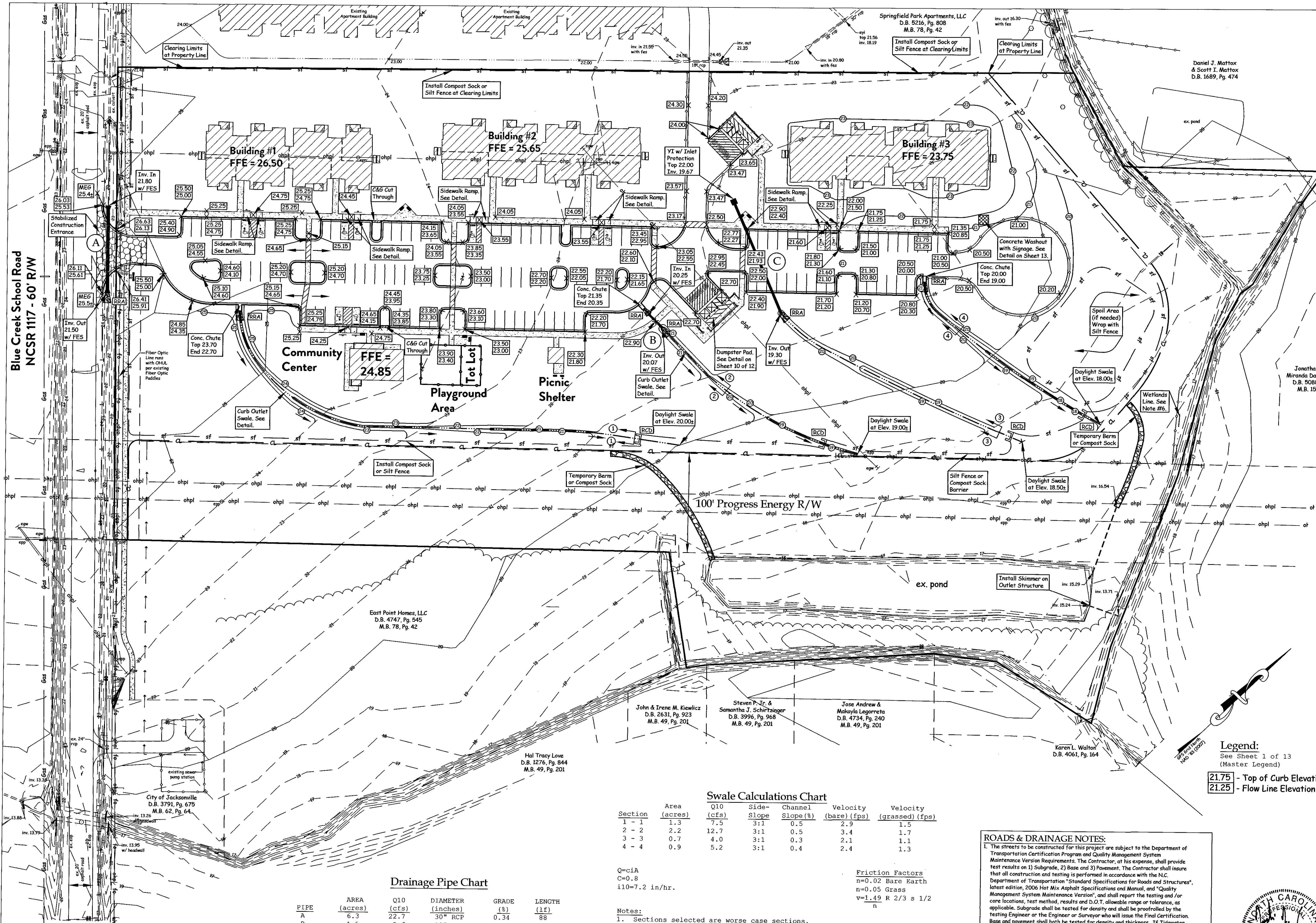
SCALE: 1"=20'



TIDEWATER ASSOCIATES, INC.
Consulting Engineers - Land Surveyors - Land Planners

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Firm License Number: F-0198





Tract Data:

Total Acreage	13.22 Ac.
Acreage of land to be disturbed and exposed	8.77 Ac.
Acreage in parks or other recreation land usage	0 Ac.
Acreage in open space (Required)	13.22 Ac. x 25% = 3.3 Ac.
Acreage in open space (Provided)	9.8 Ac.
Number of Lots Existing	1
Number of Lots Proposed	1
Number of Units	72 (8 H/C Units)
Minimum Lot Size Allowed	n/a
Average Lot Size	n/a
Ownership Status	Rental
Type of Units	Apartments
Net Density Allowed (Max.)	25 Units/Acre
Density Proposed	5.45 Units/Acre
Existing Use(s)	Undeveloped
Proposed Use(s)	Apartments

Deed References:
D.B. 4747, Pg. 545
M.B. 78, Pg. 42
Tax Map 332, Parcel 88 PIN 435612963919

- Erosion and Sedimentation Control Notes:**
- Construction Sequence:**
 - There is a Mandatory Preconstruction meeting with City of Jacksonville's Soil and Erosion Control and Stormwater Staff. Contractor is required to contact City staff to schedule prior to any clearing, grubbing or construction activities taking place on the site.
 - Clear only the area necessary to install the construction entrances and perimeter silt fences. The remainder and bulk of clearing is not to be done until installation of these items has been completed.
 - Sediment control measures are required to be installed at the earliest practicable date after start of work. Grading operations shall begin at low points, points of outfall release or at other locations where sediment control measures are shown on plan, and the sediment control devices shall be installed before or simultaneously with the grading of any area draining to the device.
 - Install stabilized construction entrance prior to beginning construction.
 - Clear and grub entire project area. Limits of clearing shall be as shown.
 - Install compost sock silt barrier (CSSB) or silt fence where shown immediately after clearing and install skimmer on outlet structure of existing pond prior to grading. Temporary Berm or Compost Sock to be installed with the purpose of diverting stormwater to existing pond to act as sediment control device during construction.
 - Install sanitary sewer services.
 - Install storm drain pipes with riprap aprons. Install swales.
 - Rough grade roads and building pad areas.
 - Install water mains and services.
 - Fine grade streets. Place CABC over compacted subgrade. Contractor must conduct and pass a proof roll test, on the subgrade prior to installing stone, and on the stone prior to installing asphalt. The proof roll tests shall be conducted in the presence of The Soil Engineer. Density and thickness tests on subgrade, stone and asphalt by The Soil Engineer shall be conducted and approved and tests results submitted to Engineer. For additional info, See paving detail.
 - Maintain erosion control measures as needed to assure full functionality.
 - Install asphalt surface course. Soil Engineer to witness laydown and test for thickness and density and submit results to Engineer.
 - Temporary or permanent seed, fertilize, and mulch all disturbed areas after completing any phase of the grading work within the following time schedule. Apply temporary seeding and mulch if area is to be disturbed again and permanent seeding and mulch if area has been final graded and accepted by Engineer and Owner.
 - Slopes steeper than 3:1 and perimeter dikes, swales, ditches and slopes, and area near HWY waters - within 7 days.
 - Slopes 3:1 or flatter, and all other areas with slopes flatter than 4:1 - within 14 days. If temporary seeding is used to temporarily stabilize an area upon final grading of the job the permanent seed, fertilizer and mulch shall be completed. See detail for seeding specifications.
 - Seeding Specifications:**

Apply lime and fertilizer and work into 4 - 6 inches of soil. Seed mixture shall be distributed uniformly and covered with a clean straw mulch. All mulch shall be compacted or asphalt tacked to hold in place. See "Seeding Specifications" for material and application rates as follows, and are generally considered minimums.
 - Contractor is responsible for complying with erosion control permit conditions and NPDES general permit conditions. See permits for additional information.
 - Contractor is responsible for removing sediment and restoring the stormwater wetlands to its design dimensions. Contractor shall amend measures as required to prevent accelerated erosion from taking place on this site, until site is restabilized and accepted by Engineer and Owner.
 - Upon restabilization of all disturbed areas and swales, contractor shall remove all temporary erosion control facilities and grade, grass, mulch, and restabilize the areas.
 - Once contractor has completed job and site is restabilized, the developer shall be responsible to maintain the restabilized areas until time when the lots are sold or developed.
 - For additional information, see specifications and other plan sheets.

Swale Calculations Chart

Section	Area (acres)	Q10 (cfs)	Side-Slope (ft)	Channel-Slope (ft)	Velocity (bare) (fps)	Velocity (grassed) (fps)
1 - 1	1.3	7.5	3:1	0.5	2.9	1.5
2 - 2	2.2	12.7	3:1	0.5	3.4	1.7
3 - 3	0.7	4.0	3:1	0.3	2.1	1.1
4 - 4	0.9	5.2	3:1	0.4	2.4	1.3

Drainage Pipe Chart

PIPE	AREA (acres)	Q10 (cfs)	DIAMETER (inches)	GRADE (lf)	LENGTH
A	6.3	22.7	30" RCP	0.34	88
B	1.5	8.6	18" RCP	0.75	24
C	0.4	2.3	15" RCP	0.30	124

Q=C1A
C=0.8
110=7.2 in/hr.

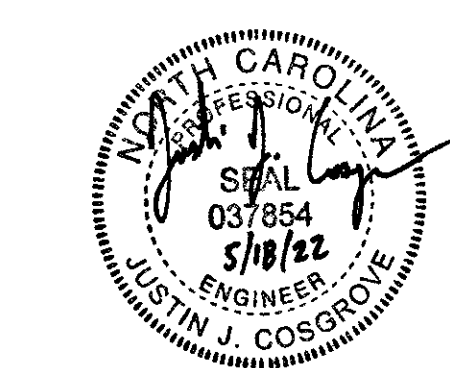
Notes:

- Sections selected are worse case sections.
- Line bottom of all ditches and swales with American Excelsior Curlex Blanket.

RCP = Reinforced Concrete Pipe
CFS = Cubic Feet per Second
LF = Linear Feet
FPS = Feet per Second

- General Notes:**
- Topographic contours taken from a survey map prepared by Johnny J. Williams Land Surveying, P.C. dated Dec. 28, 2009.
 - Boundary information taken from a survey map prepared by Johnny J. Williams Land Surveying, P.C. dated Dec. 28, 2009 and computed information. All boundary information and corner labels are taken from the Williams map.
 - Development area is partially wooded & mostly an open agricultural field.
 - All easements to be Public Drainage & Utility as dimensions shown, unless otherwise noted.
 - Wetlands line taken from map titled "Wetlands Survey" by Johnny J. Williams Land Surveying, P.C. dated 04/24/12.
 - Stormwater drains to Brinson Creek, and is classified as SC; NSW waters.
 - This project is not affected by any special flood hazard area based upon FEMA map CPN 370178 43567 (City of Jacksonville), Effective Nov. 3, 2005.
 - For additional details, see specifications and additional plans.
 - Sidewalks shall be free of cracks and breaks prior to the issuance of a Final Certificate of Occupancy.
 - Areas noted for trees and greenways and/or required sidewalks shall be unobstructed from 6' below grade to 10' above grade (overhead clearance). Telephone pedestals, electric transformers, drop inlets, fences, or any other obstructions shall be removed and/or relocated in order to create and maintain this clearance.
 - It shall be unlawful for any person to make any excavation or do any other work which may cause a dangerous condition in or on any street, alley, sidewalk, public way or public place in the city, unless a written permit therefore shall have been first obtained from an officer of the city vested with authority to grant the same. No permit shall be issued in any case where a bond is required, until a bond shall have been executed.
 - Slopes 3:1 seeding allowed, 2:1 sod required, 1:1 not allowed unless engineered (retaining wall) and not within an easement.
 - Erosion control measures are performance based and may require adjustments as needed.
 - For erosion control requirements, refer to the approved permit / plan.
 - All elevations are flow line unless otherwise noted.

- ROADS & DRAINAGE NOTES:**
- The streets to be constructed for this project are subject to the Department of Transportation Certification Program and Quality Management System Maintenance Version Requirements. The Contractor, at his expense, shall provide test results on 1) Subgrade, 2) Base and 3) Pavement. The Contractor shall ensure that all construction and testing is performed in accordance with the N.C. Department of Transportation "Standard Specifications for Roads and Structures", latest edition, 2006 Hot Mix Asphalt Specifications and Manual, and "Quality Management System Maintenance Version", and shall report the testing and/or core locations, test method, results and D.O.T. allowable range or tolerance, as applicable. Subgrade shall be tested for density and shall be proofrolled by the Testing Engineer or the Engineer or Surveyor who will issue the Final Certification. Base and pavement shall both be tested for density and thickness. If Tidewater Associates is administering the construction they must also proofroll the stone. Twenty-four (24) hour advance scheduling before proofroll. Testing for pavement shall be certified by either a professional Engineer or properly certified QMS technician and shall be in accordance with QMS criteria. Required thickness for this project is as shown on the plans. Note that thickness for widening or turn lanes is greater than that for internal streets.
 - Minimum Densities:
 - Subgrade 100%.
 - Stone Base 100%.
 - 5" 95% 92%.
 - 1" 90% 92%.
 - 8" 90% 92%.
 - Notify the Engineer or Surveyor, who will issue the overall Final Certification, of all phases of Roadway Construction.
 - All metal used for any type of catch basin or inlet shall be produced in the USA.
 - A minimum sight distance of 10'X70' shall be maintained along the right-of-way of all internal intersections.
 - 20 foot radii at right-of-way intersections, 30 foot radii at edge of pavement intersections.
 - All culverts under streets shall be reinforced concrete per North Carolina Department of Transportation Specifications, unless otherwise specified and/or approved by the Engineer and/or Department of Transportation.
 - All roads shall be public and built to NCDOT Standards.
 - There shall be no encroachments within the NCDOT Right-of-way.
 - All materials and practices shall meet North Carolina Department of Transportation Standards.
 - For other detailed construction notes, see plan and profiles.



Owner:
East Point Homes, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

Grading, Drainage, Erosion and Sedimentation Control Plan

CRESTFIELD POINT APARTMENTS
350 Blue Creek School Road
Jacksonville Twp., Onslow Co., North Carolina

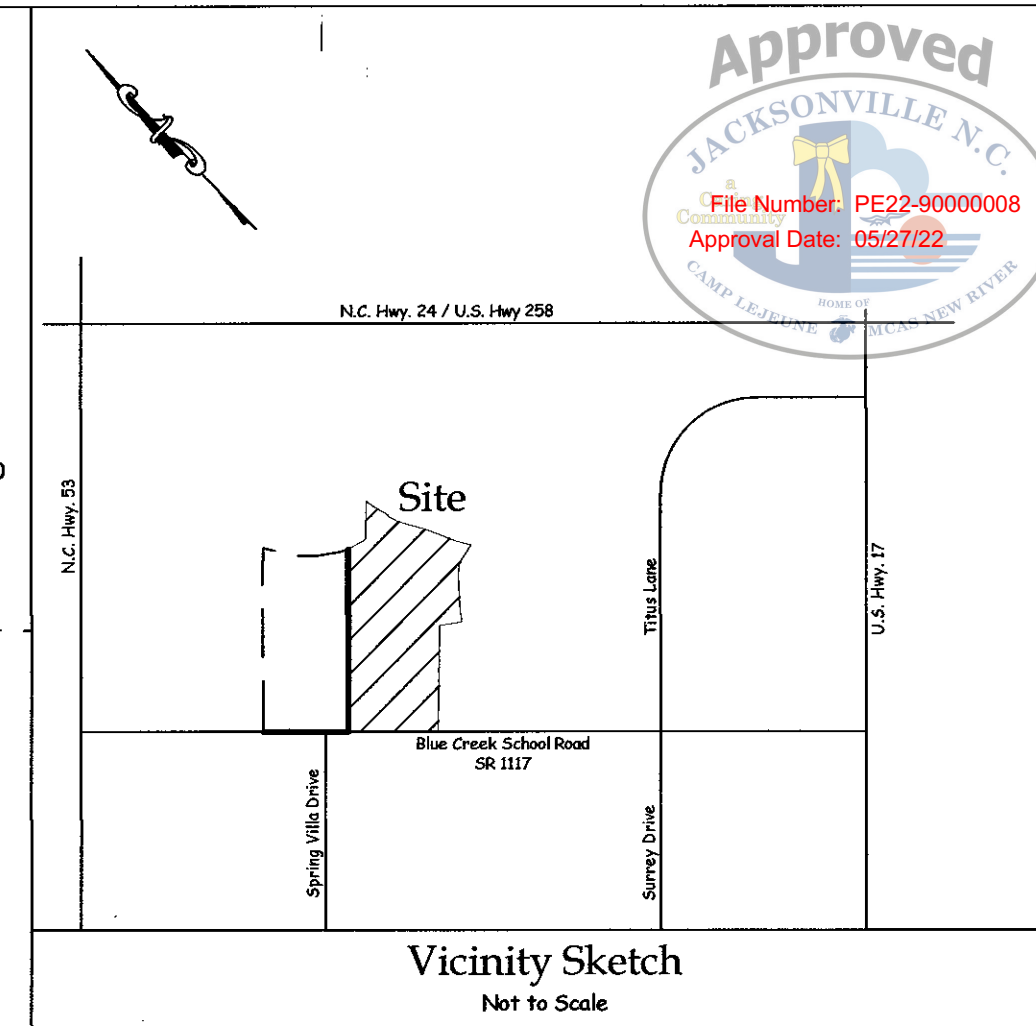
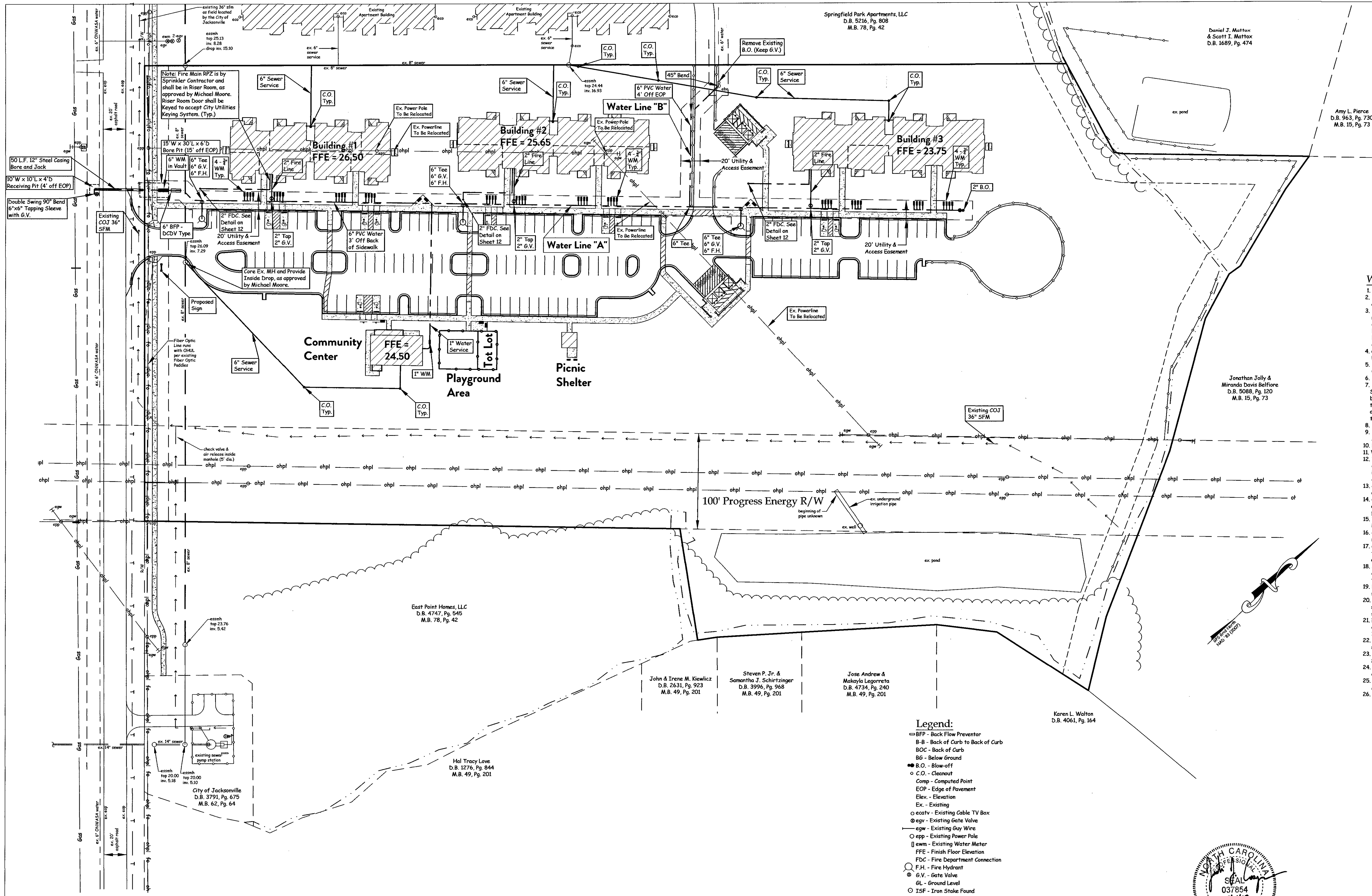
Developer:
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DATE: 02/21/2022
SCALE: 1"=50'

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Firm License Number: F-0108

GRAPHIC SCALE: 1"=50'
0 50 100 150
FEET

Sheet 6 of 13



Water and Sewer Notes:

- Potable water supply to be by ONWASA and sewage treatment to be by City of Jacksonville.
- Contractor shall verify location of existing water and sewer mains and report any deviations to Engineer prior to construction.
- As of October 1, 2014, anyone digging with mechanized equipment in highway right-of-way, private utility easements, or public spaces will be required by North Carolina law to give notice of the proposed excavation to all existing area utilities at least three to twelve business days before starting to dig. The utility owner is to locate its facilities in the area of the proposed excavation. Utility members of North Carolina 811 can be contacted at 1-800-632-4949 or call 811.
- Contractor is responsible for contacting any utility company that is not a member of North Carolina 811.
- Contractor shall verify location of all underground utilities prior to commencement of work.
- Contractor is responsible for any damages to any existing utilities.
- All proposed sewer mains to be SDR 35 PVC, C500 or Ductile Iron as shown on plans. Services to be 6-inch Sch. 40 PVC or Ductile Iron. Place 3" to 6" minimum #57 stone bedding under all gravity mains. Place #57 stone haunching to 1" above (min.) above top of pvc pipe and to spring line (min.) for ductile iron. Place 12" compacted select fill above stone to 12" minimum above pipe, then suitable fill compacted in 6" lifts above that.
- All manholes located outside of street right-of-ways shall have watertight rings and covers.
- All water mains 4" through 12" shall be AWWA C-900, Class 150, 2" water shall be ASTM D-2241, PVC 1120, SDR 21, 200 PSI pressure rating.
- Fire hydrants shall be Mueller Cushman, Model A421 or American Flow Control Mark 73.
- Water mains shall be buried with minimum of 36-inches cover, unless otherwise noted.
- Water mains and sewer mains shall have proper separations. At water and sewer crossings, the water main shall have 18 inches separation above the sewer main or they both shall be constructed of ferrous material for a minimum of 10 feet each side of the crossing. See specifications for further details.
- Contractor to lay water mains at extra depth to avoid conflicts with storm drainage or other facilities.
- Contractor shall notify the City of Jacksonville Engineering Division, the certifying Engineer and ONWASA at least 48 hours prior to commencing any work, inspections, sampling, and pressure tests.
- Water chlorination and pressure tests are required in the presence of the City of Jacksonville Engineering Division, ONWASA and the certifying Engineer.
- Contractor shall furnish negative bacterial analysis results and 24 hour chlorine residual results to the City of Jacksonville / ONWASA and provide them to the certifying Engineer.
- Contractor shall maintain comprehensive (depth and horizontal locations) field "As Builts" for all installations and submit them to the Certifying Engineer, the City of Jacksonville and ONWASA.
- All units and the community center shall have individual water services installed by the contractor. Each building and community center shall have sewer services installed by the contractor.
- For other detailed construction notes, see plan and profiles, other plan sheets and specifications.
- All sewer system installation materials and practices shall meet City of Jacksonville specifications. All water system installation materials and practices shall meet ONWASA specifications. All metal structures to be fabricated in the USA.
- No construction of either water or sewer mains is to begin prior to receipt of permits to construct from NCDENR in accordance with 15A NCAC18C.0305 (a) and 15A NCAC02H.0204.
- Sewer services on deep sewer lines (greater than 15' depth) shall have inside drops where services tie into manholes. Invert openings shall have 2x diameter separation.
- All construction must be completed in accordance with the City of Jacksonville Manual of Specifications, Standards, and Design.
- Prior to commencing construction the contractor shall schedule a preconstruction conference with the City of Jacksonville at City Hall.
- 30" Utility & Access Easement to be Centered Over All Sewer Mains & 20" Utility & Access Easements to be Centered Over All Water Mains.
- All construction within DOT right-of-way shall be in accordance with the NCDOT requirements. DOT officials shall be notified 48 hours prior to commencing work within the right-of-way.

Project Design Summary - For ONWASA Purposes Only:

Water:

Number of Units to be served by ONWASA Water: 72 Apartments

1 Community Center

6" Water Distribution Main: 1,036 L.F. (Total)
81 L.F. (ONWASA - up to meter)
955 L.F. (City of Jacksonville)

2" Fire Line: 341 L.F. (City of Jacksonville)

1" Water Service: 513 L.F. (City of Jacksonville)

Fire Hydrants: 3 (City of Jacksonville)

Fire Department Connections: 3 (City of Jacksonville)

Water and Sewer Plan

CRESTFIELD POINT APARTMENTS

350 Blue Creek School Road
Jacksonville Twp., Onslow Co., North Carolina

Developer:

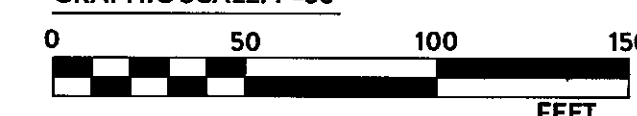
Carolina Statewide Development, LLC

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(910) 937-0003

DATE: 02/21/2022

SCALE: 1"=50'

GRAPHIC SCALE: 1"=50'



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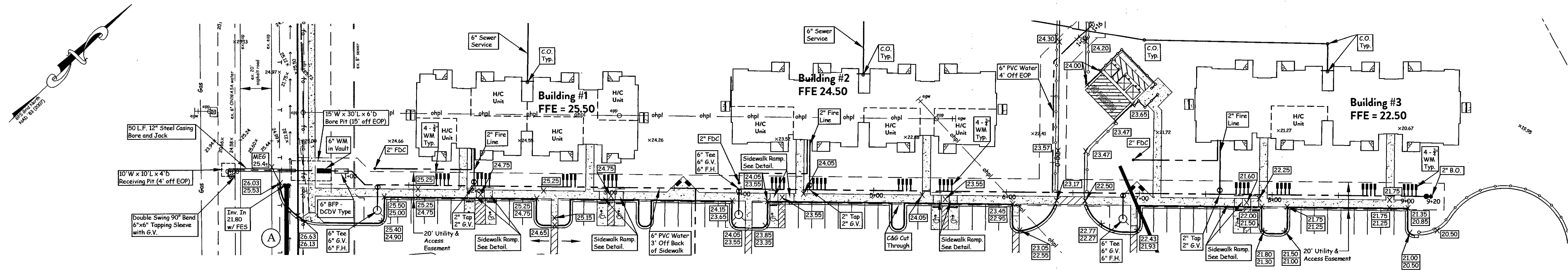


Note:

Contractor shall insure that he and all his workers (contractors, subcontractors and other site personnel) do not damage construction stakes or other measures used in laying out the project whether by the Engineer or another entity including those under the employ of the contractor. Contractor shall cause his workers to observe and verify to the fullest extent practicable that stakes, other measures and grades are, or appear to be, accurate and correct, and immediately, but prior to any associated work, notify the staking entity of any potential conflict, error or question regarding the work. The Engineer shall not be responsible if all of the above measures are not strictly adhered to. The Engineer shall not be responsible where due to damage, his staking can not be verified. For critical or costly components of the work, where the contractor believes that staking may not be preserved, the contractor shall request the staking entity to place staking in an area where its preservation can be insured.

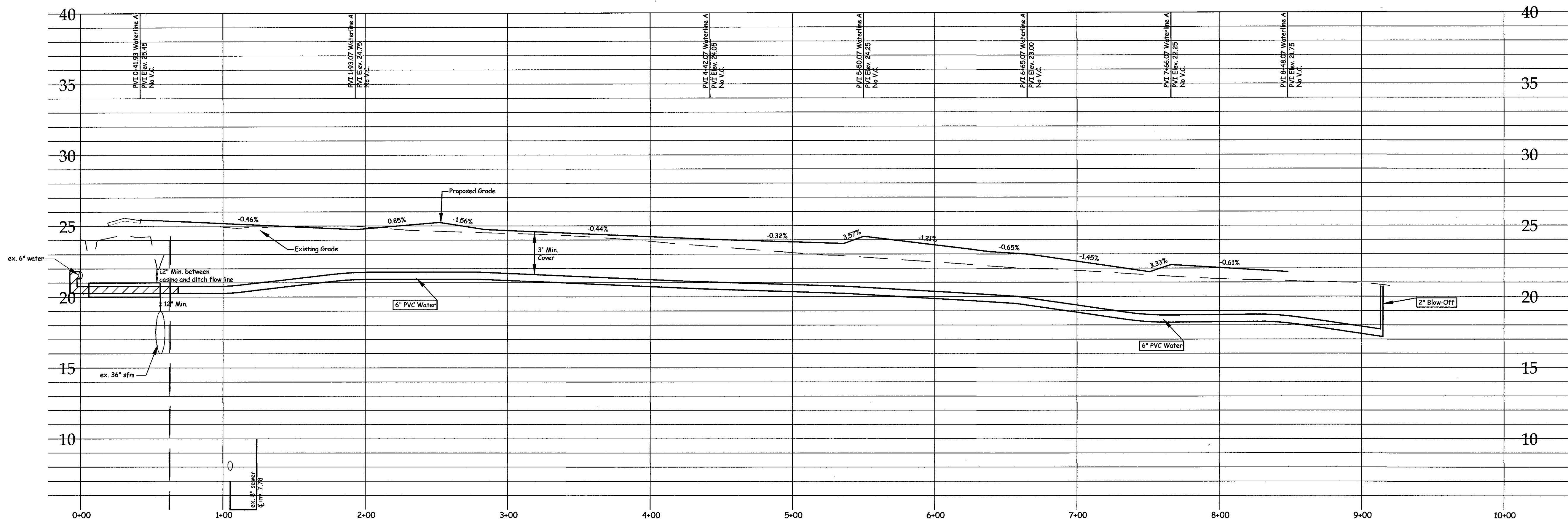
Rev. 05/18/2022 KHW - Plot for signature
Rev. 05/16/2022 KHW - Rev. FDC label
Rev. 05/02/2022 KHW - Add Project Address; revise fdc location
Rev. 03/28/2022 KHW - Revise per owner comments

Field Book: N/A
Disk Name: Acad #2897
Filename: Crestfield - Shading KHW
Job No.: C210826-7848



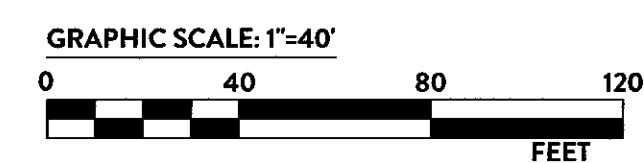
- Legend:**
- BFP - Back Flow Preventer
 - B-C - Back of Curb to Back of Curb
 - BOC - Back of Curb
 - BG - Below Ground
 - Comp - Computer Aided Design
 - EOP - Edge of Pavement
 - Elev - Elevation
 - Ex - Existing
 - ecav - Existing Cable TV Box
 - egw - Existing Guy Wire
 - esp - Existing Power Pole
 - FFE - Finish Floor Elevation
 - F.H. - Fire Hydrant
 - G.V. - Gate Valve
 - GL - Ground Level
 - ISF - Iron Stake Found
 - IPF - Iron Pipe Found
 - L.F. - Linear Feet
 - NS - Nail Set
 - P.T. - Plug Tapped
 - PVC - Polyvinyl Chloride Pipe
 - R/W - Right-of-way
 - sfm - Sewage Force Main
 - Typ - Typical
 - WM - Water Meter
 - Handicap Parking Spot
 - Reducer
 - Existing Drainage & Utility Easement
 - Existing Overhead Power Line
 - Existing Right-of-way
 - Existing Sewage Force Main
 - Existing Tree Line
 - Existing Underground Telephone Line
 - Existing Water Main
 - Existing Water Meter
 - Property Line
 - Proposed Concrete Sidewalk
 - Proposed Water Main
 - Proposed Water Utility and Access Easement

Water Line "A"



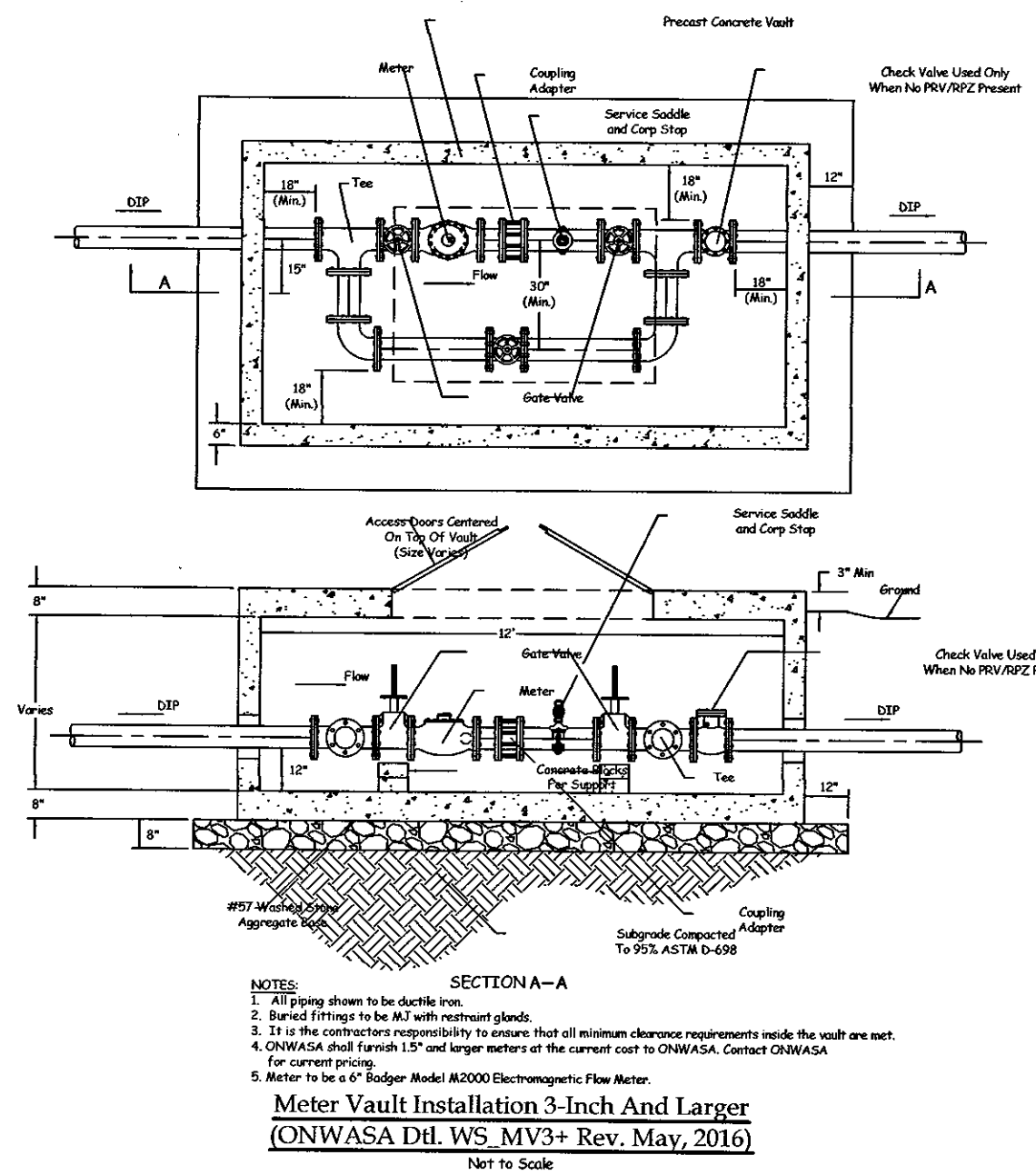
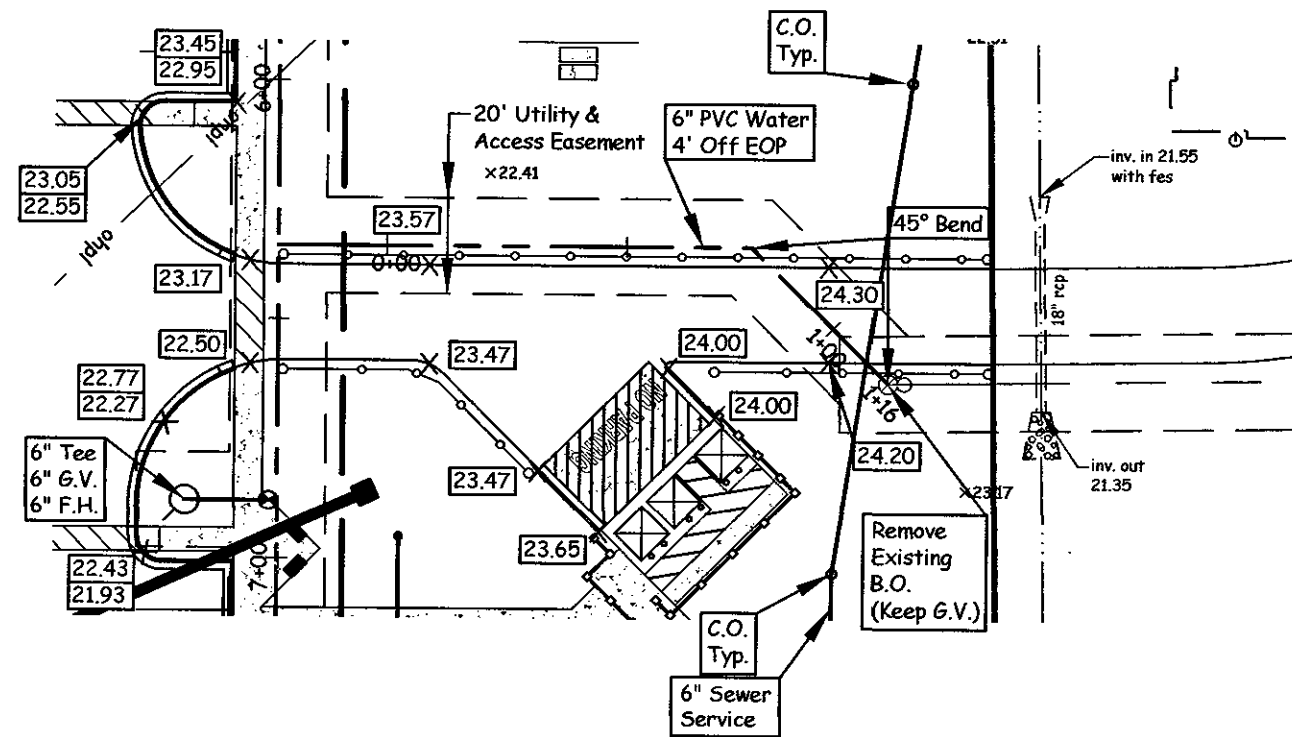
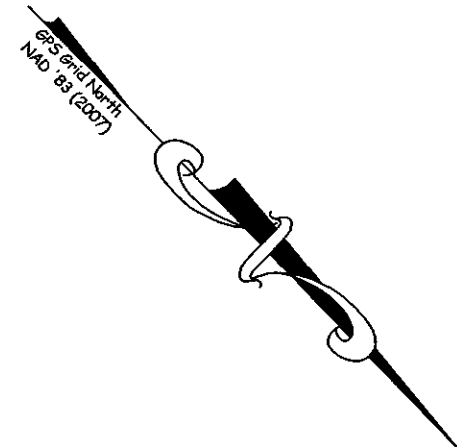
Note:
Contractor shall insure that he and all his workers (contractors, subcontractors and other site personnel) do not damage construction stakes or other measures used in laying out the project whether by the Engineer or another entity including those under the employ of the contractor. Contractor shall cause his workers to observe and verify to the fullest extent practicable that stakes, other measures and grades are, or appear to be, accurate and correct, and immediately, but prior to any associated work, notify the staking entity of any potential conflict, error or question regarding the work. The Engineer shall not be responsible if all of the above measures are not strictly adhered to. The Engineer shall not be responsible where due to damage, his staking can not be verified. For critical or costly components of the work, where the contractor believes that staking may not be preserved, the contractor shall request the staking entity to place staking in an area where its preservation can be insured.

Owner:
East Point Homes, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

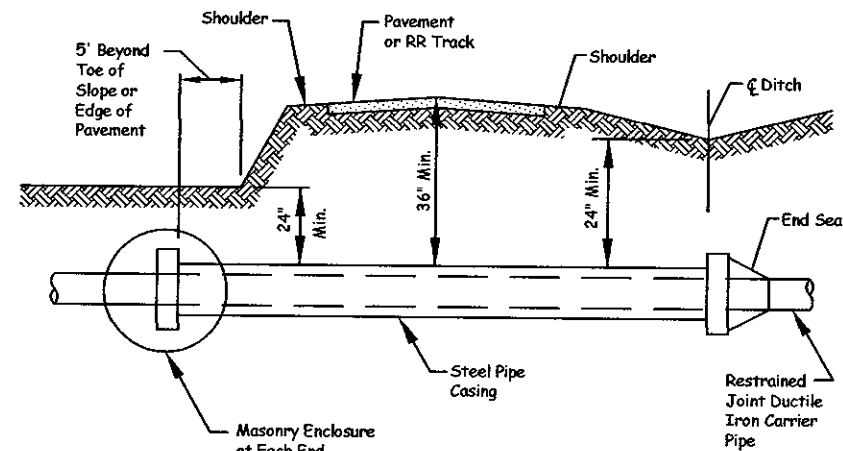


Field Book: N/A

Water Line "A" CRESTFIELD POINT APARTMENTS 350 Blue Creek School Road Jacksonville Twp., Onslow Co., North Carolina		Developer: Carolina Statewide Development, LLC 166 Center Street Jacksonville, North Carolina 28546 (910) 937-0003	
TIDEWATER ASSOCIATES, INC. Consulting Engineers - Land Surveyors - Land Planners Jacksonville, North Carolina P.O. Box 976 - 306 New Bridge Street - 28540 Phone (910) 455-2414 - www.TidewaterENC.com Firm License Number: F-0108		Sheet No. 8 of 13 Designed: JAH Drawn: KHW Job No.: C210826-7848	
Date: 02/21/2022	Scale: Vertical 1"=4' Horizontal 1"=40'	Filename: Crestfield-Site.dwg	Disk: Acad #2897



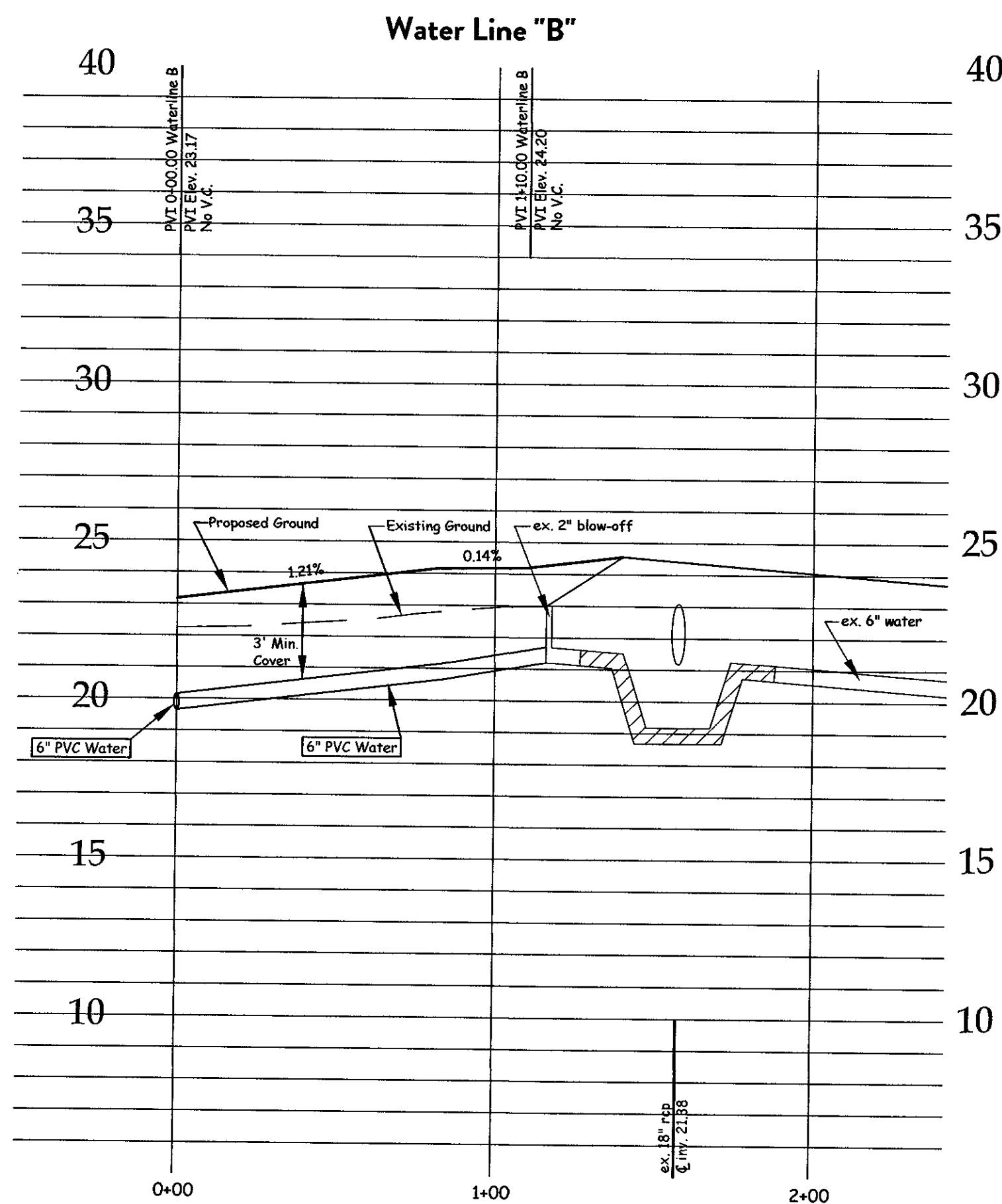
- Legend:**
- BFP - Back Flow Prevention
 - B-B - Back of Curb to Back of Curb
 - BOC - Back of Curb
 - B6 - Below Ground
 - Comp - Connected Point
 - EOP - Edge of Pavement
 - Elev - Elevation
 - Ex - Existing
 - ecstv - Existing Cable TV Box
 - egw - Existing Guy Wire
 - epw - Existing Power Pole
 - FFE - Finish Floor Elevation
 - F.H. - Fire Hydrant
 - G.V. - Gate Valve
 - GL - Ground Level
 - ISF - Iron Stake Found
 - IPF - Iron Pipe Found
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- Existing Right-of-way
- Existing Sewage Force Main
- Existing Tree Line
- Existing Underground Telephone Line
- Existing Water Main
- Existing Water Meter
- Proposed Line
- Proposed Concrete Sidewalk
- Proposed Water Main
- Proposed Water Utility and Access Easement



Typical Pipe Crossing
Encasements shall extend from Ditch Line to Ditch Line in Cut Sections, Five (5) Feet Beyond the Toe of Slopes in Fill Sections, and Ten (10) Feet Beyond Edge of Pavement in Sections With No Ditch or Fill Area.

- Notes:**
1. Steel Encasement Pipe shall conform to the requirements of the Project Specifications.
 2. Corner Pipe shall be adequately supported the entire length within the casing by using spacers or "spiders" steel supports at a maximum of 9 foot centers (one at each joint and one intermediate). Other methods must meet approval of the Engineer.

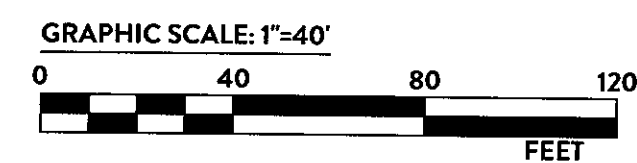
Dry Bore and Jack Pipe Encasement
(ONWASA Dtl. WS B&J Rev. May, 2016)
Not to Scale



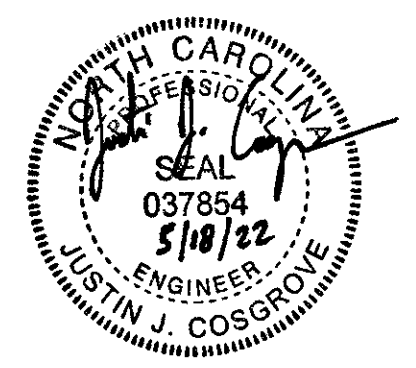
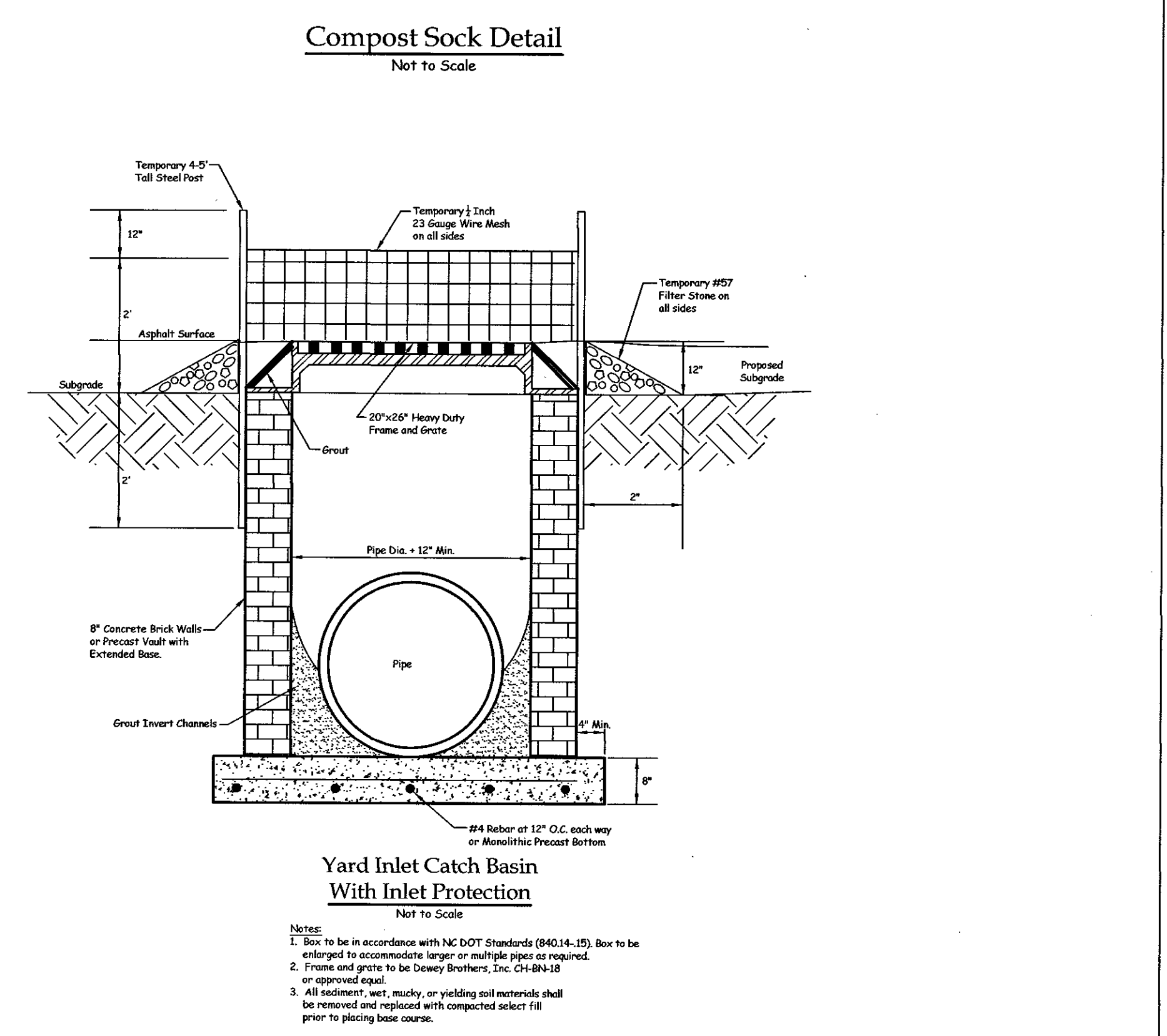
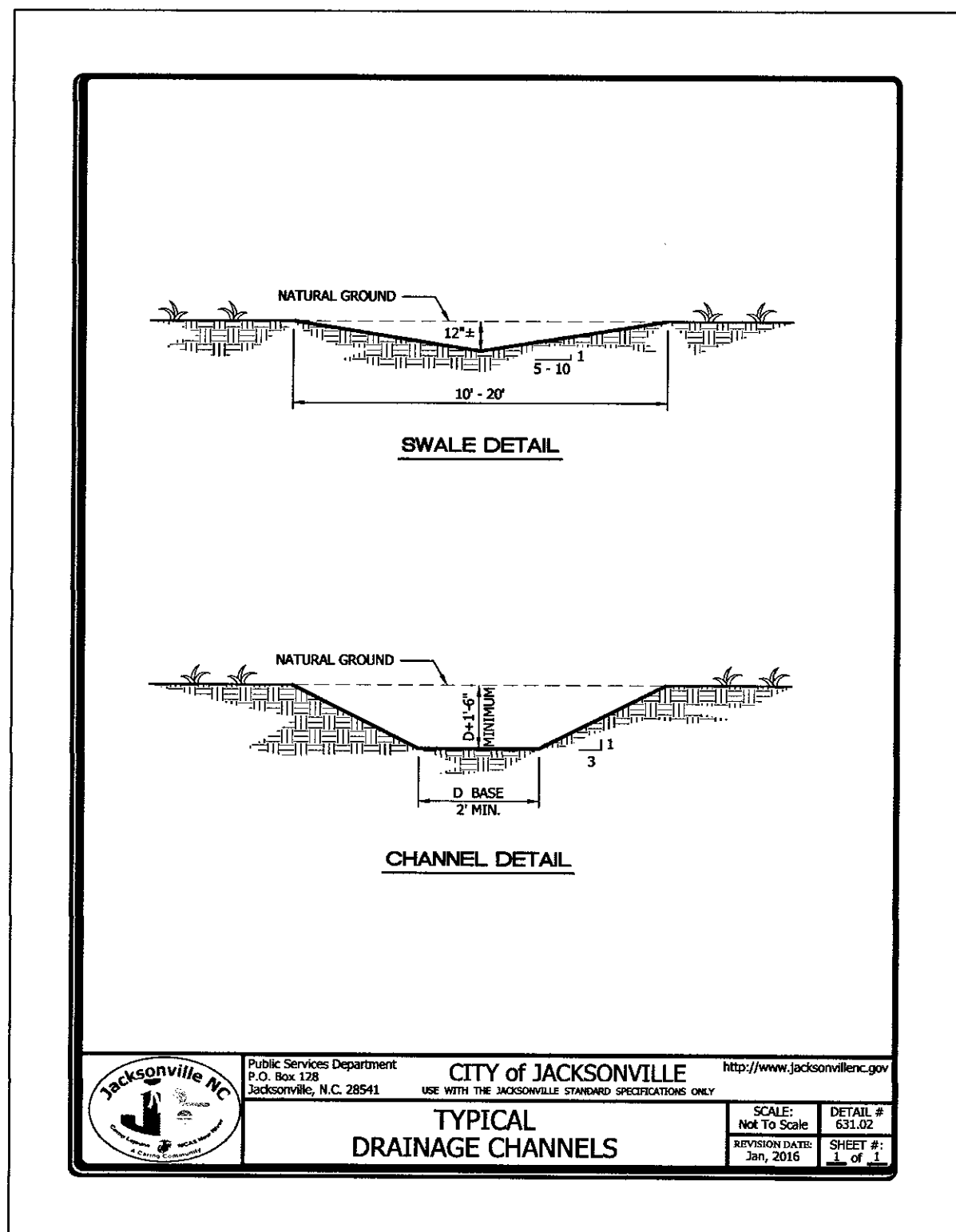
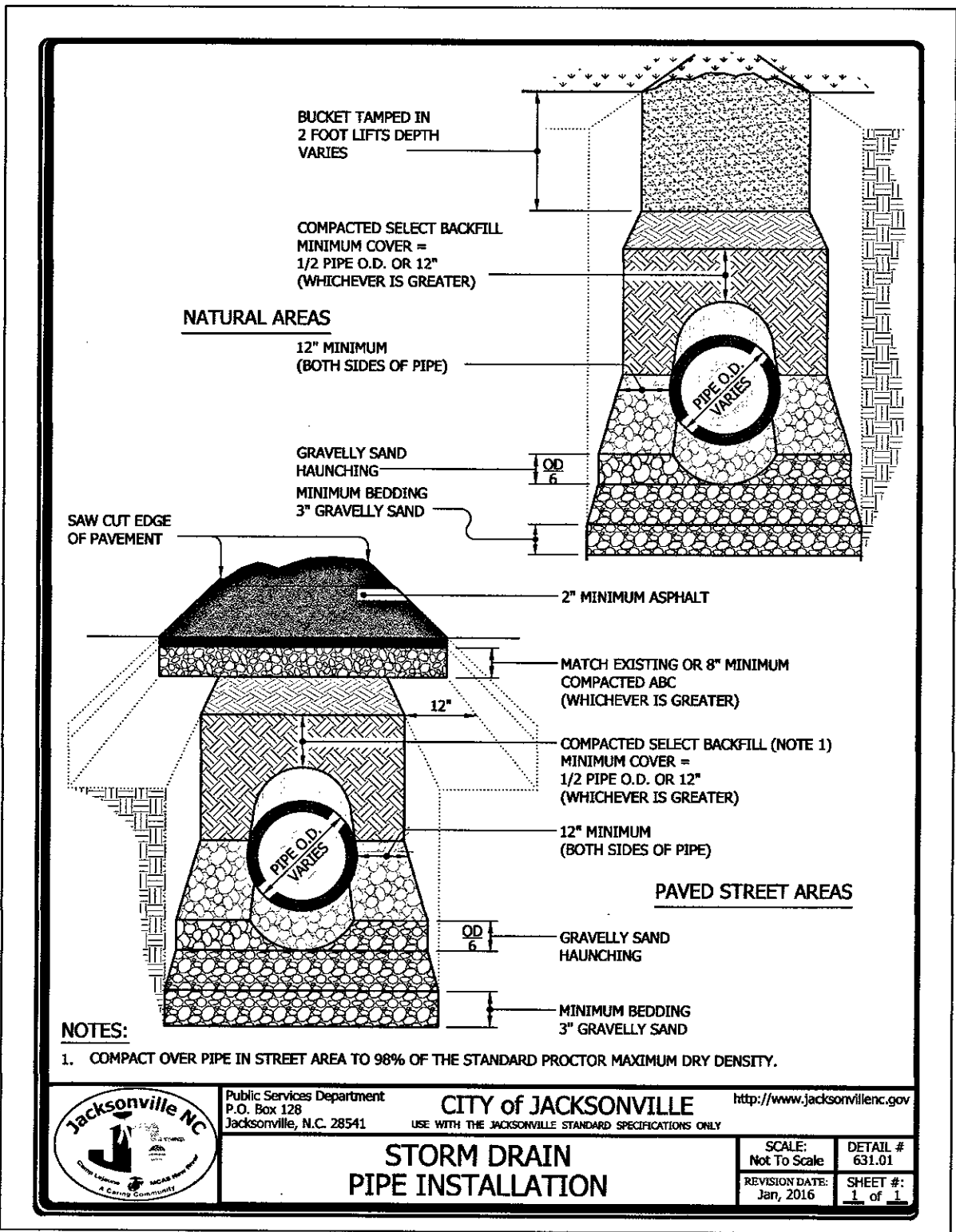
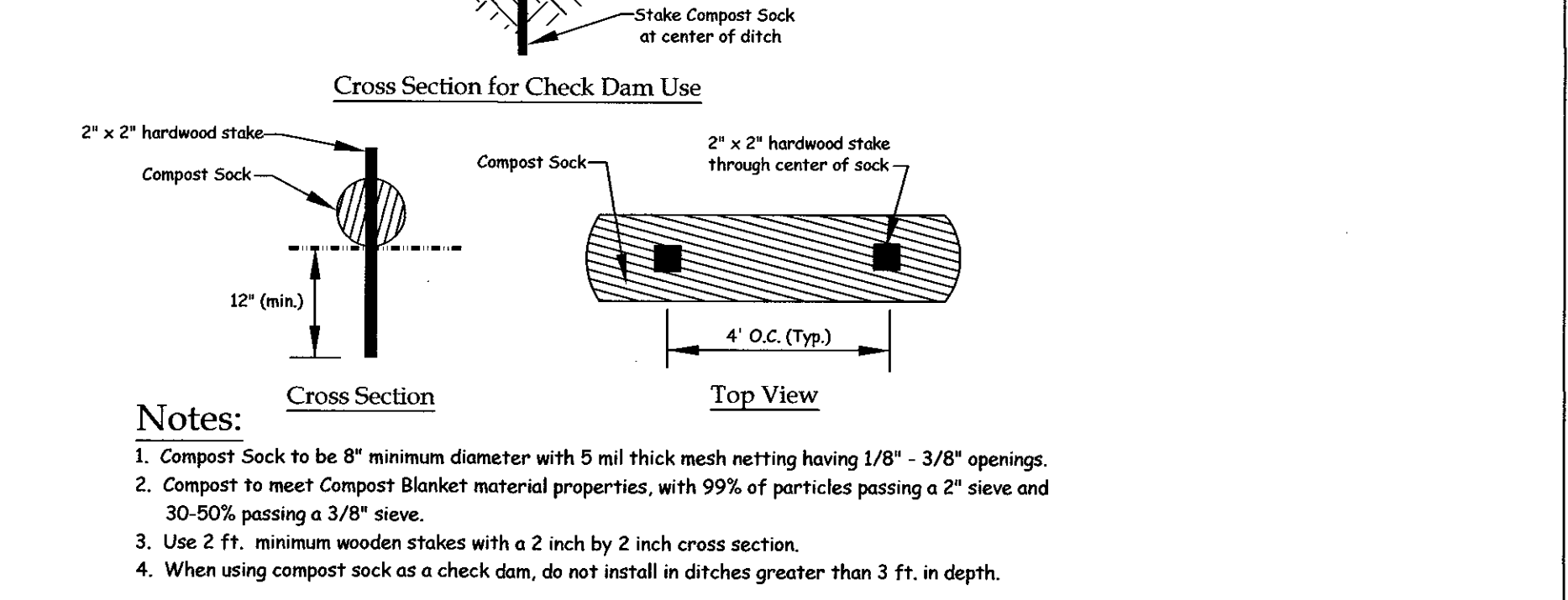
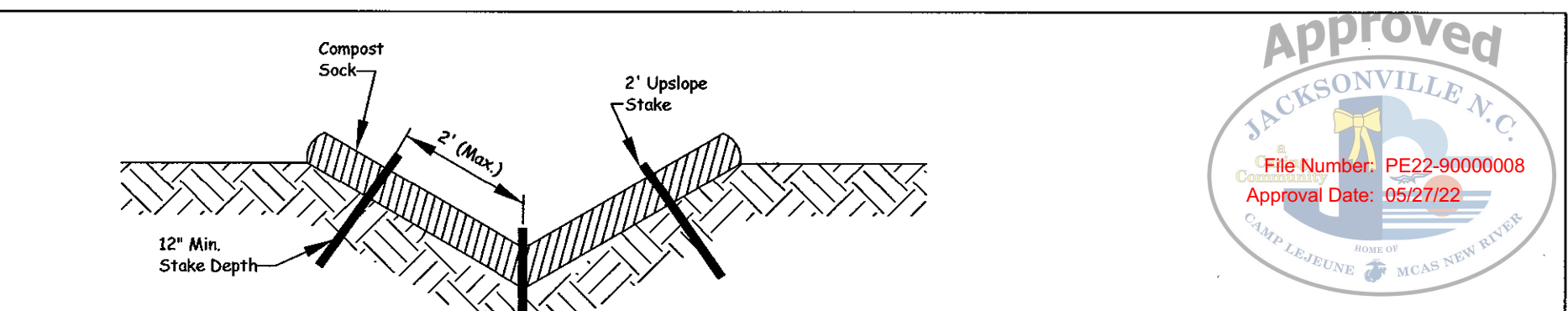
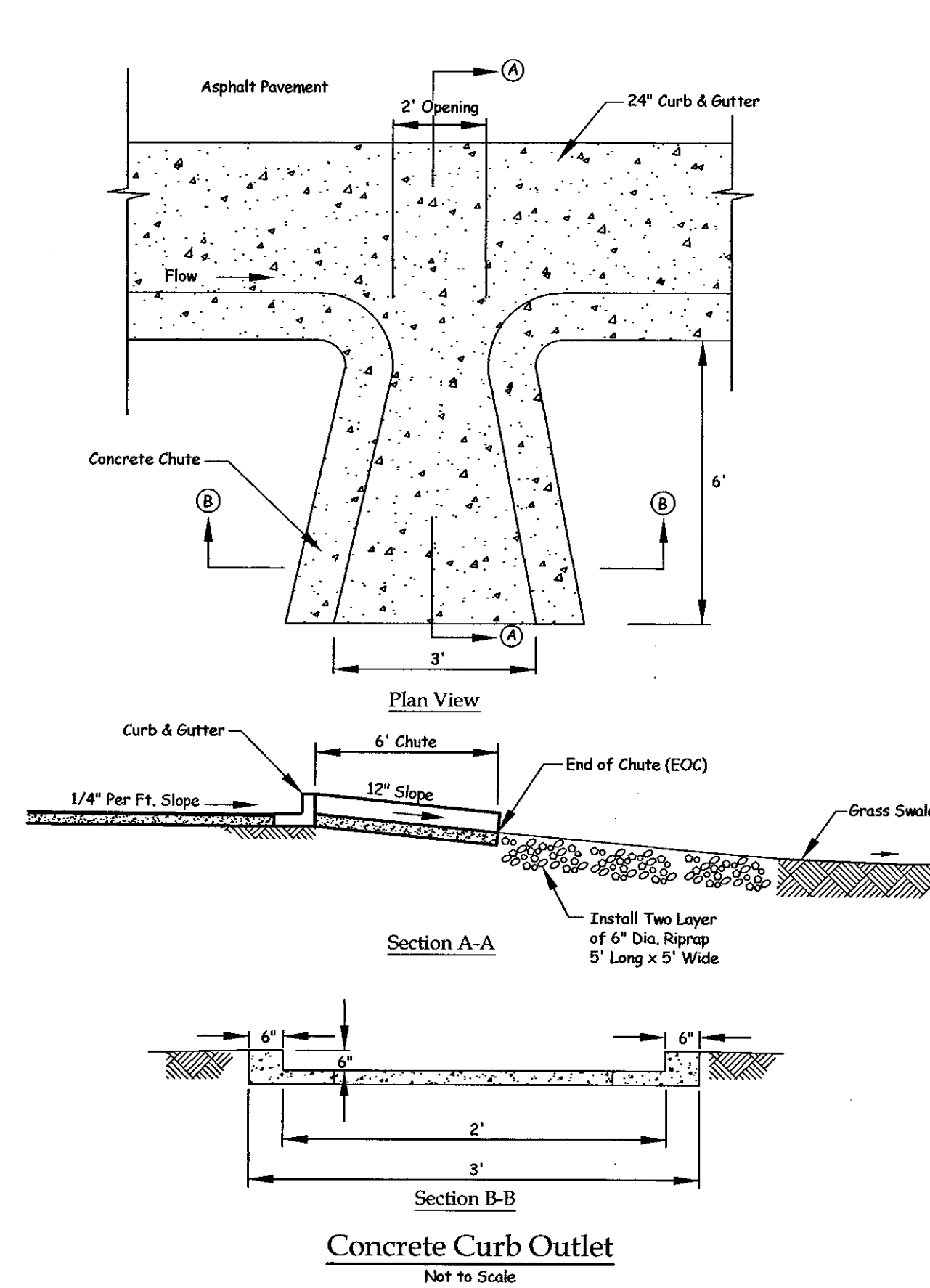
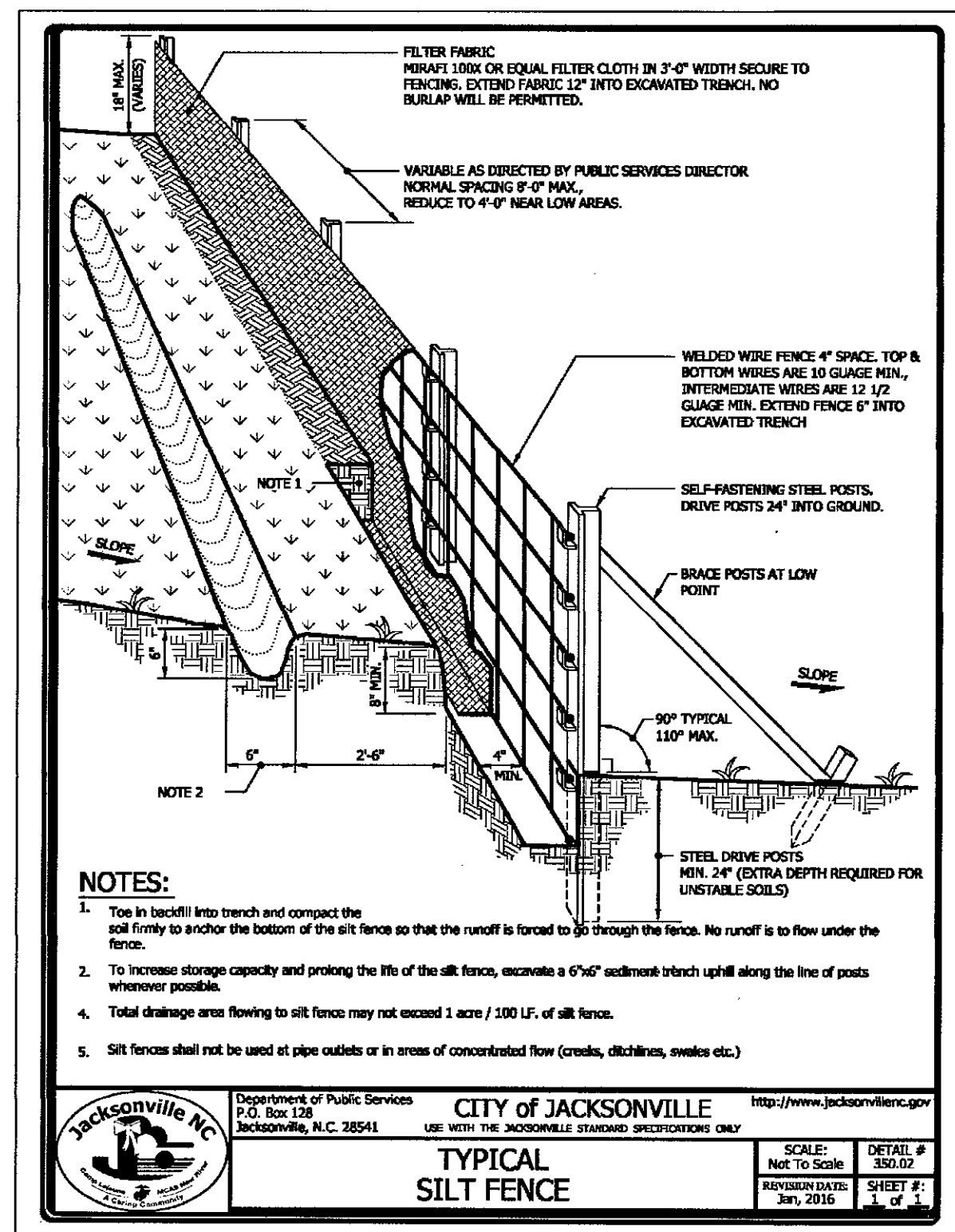
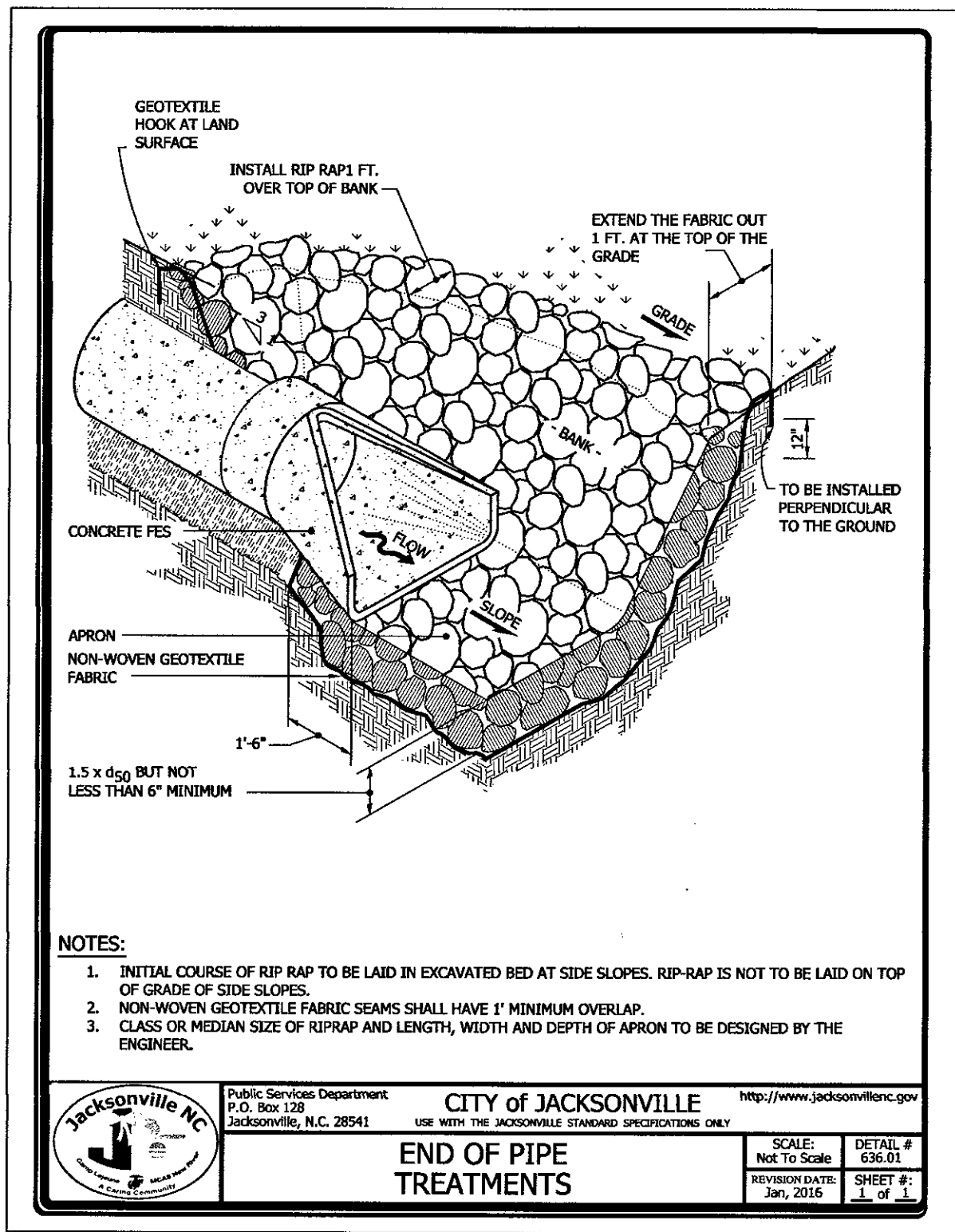
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Owner:
East Point Homes, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003



Water Line "B"		Developer: Carolina Statewide Development, LLC 166 Center Street Jacksonville, North Carolina 28546 (910) 937-0003	
CRESTFIELD POINT APARTMENTS 350 Blue Creek School Road Jacksonville Twp., Onslow Co., North Carolina		TIDEWATER ASSOCIATES, INC. Consulting Engineers - Land Surveyors - Land Planners Jacksonville, North Carolina P.O. Box 976 - 306 New Bridge Street - 28540 Phone (910) 455-2414 - www.tidewaterENC.com Firm License Number: F-0108	
Date: 07/21/2022		Scale: Vertical 1"=4' Horizontal 1"=40'	Filename: Crestfield-Stading
Disc: Acad #2897		Job No.: C210826-7848	



Grading, Drainage, Erosion and Sedimentation Control Detail Sheet

CRESTFIELD POINT APARTMENTS

350 Blue Creek School Road
Jacksonville Twp., Onslow Co., North Carolina

Developer: **Carolina Statewide Development, LLC**
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

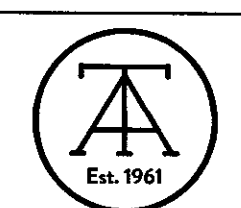
East Point Homes, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

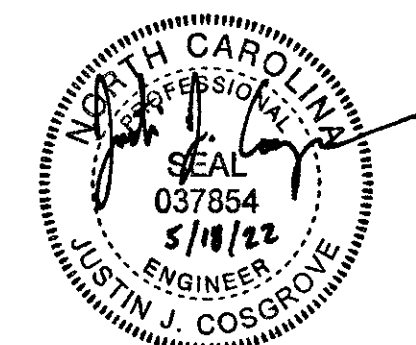
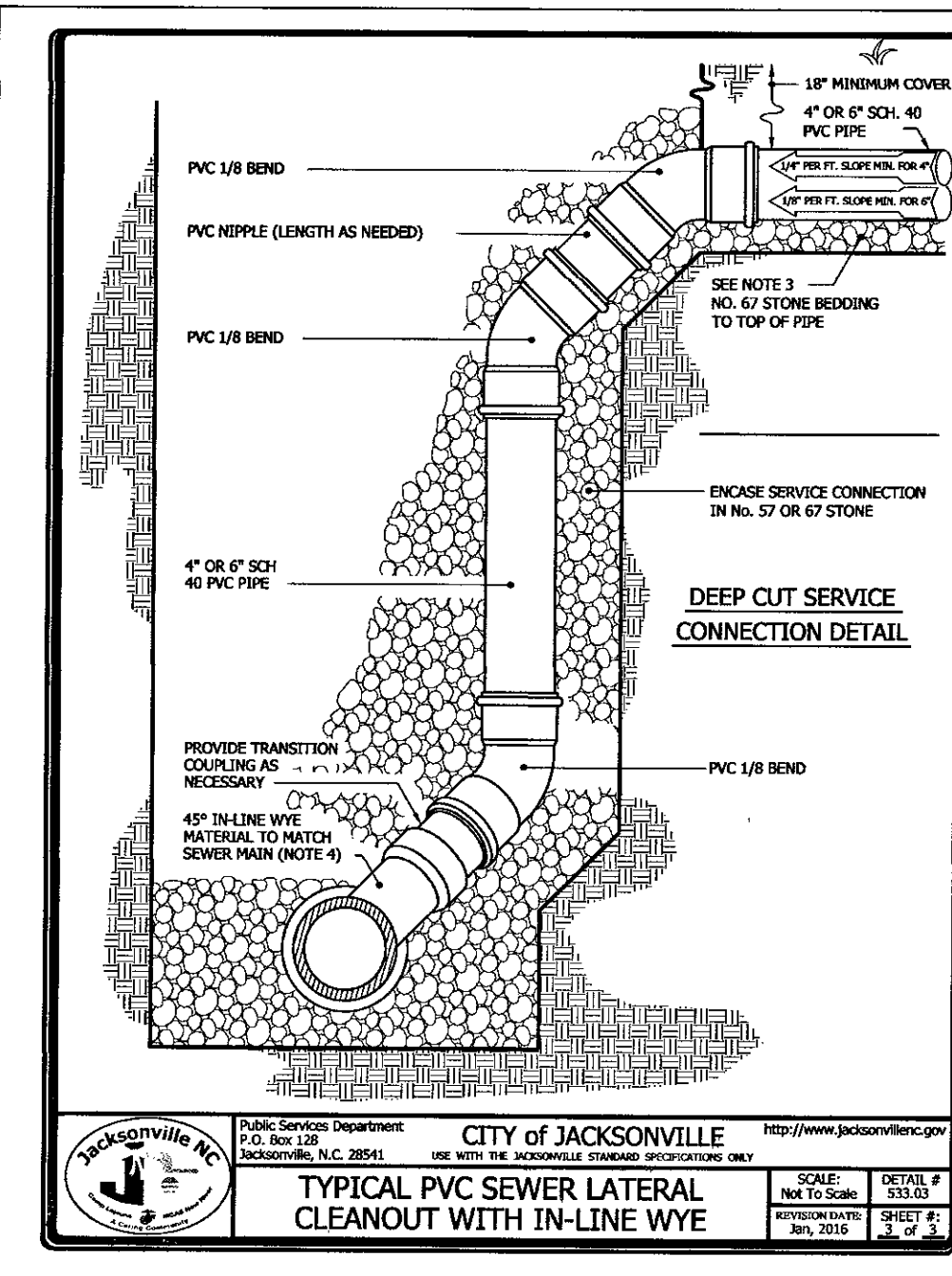
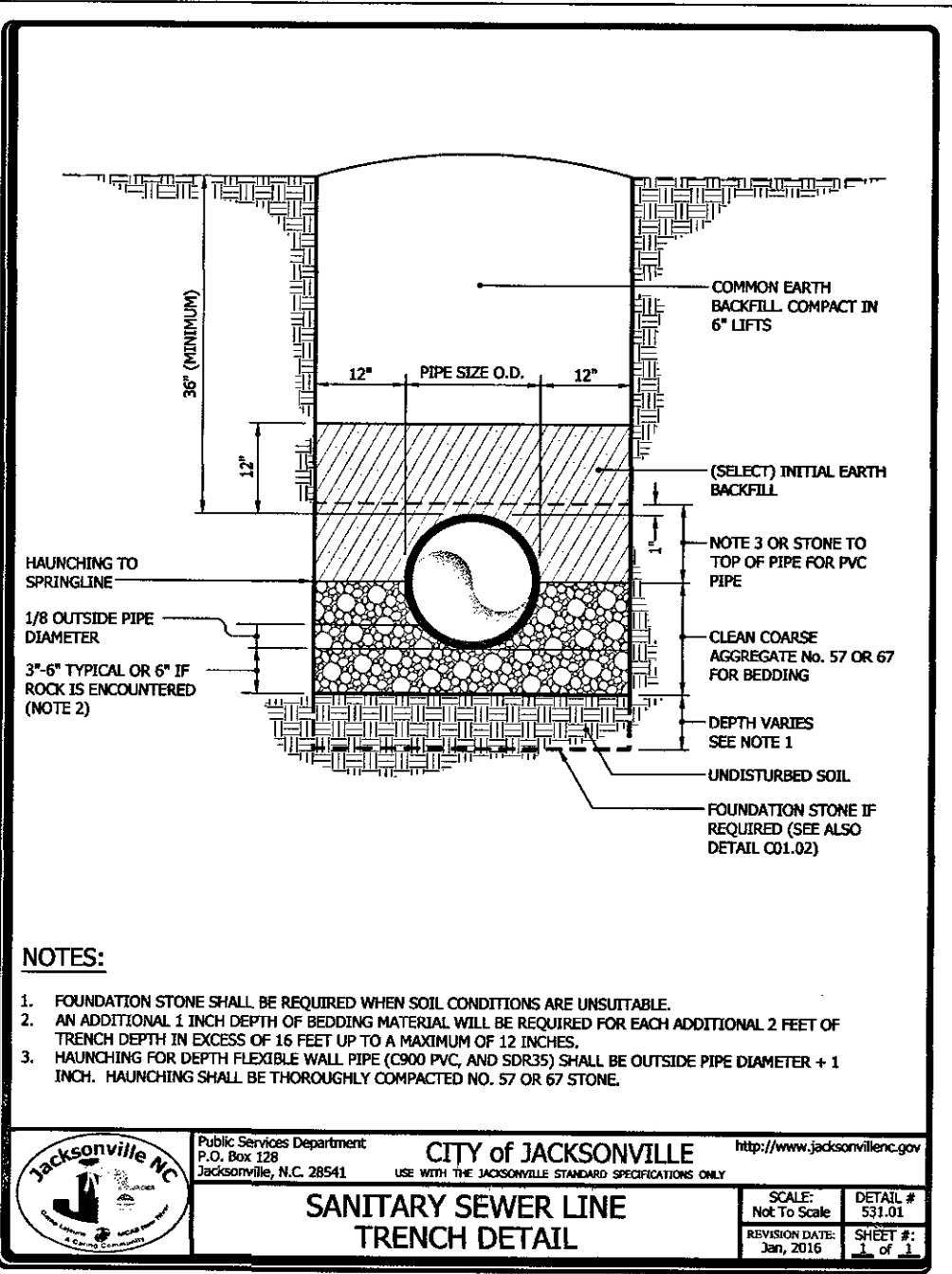
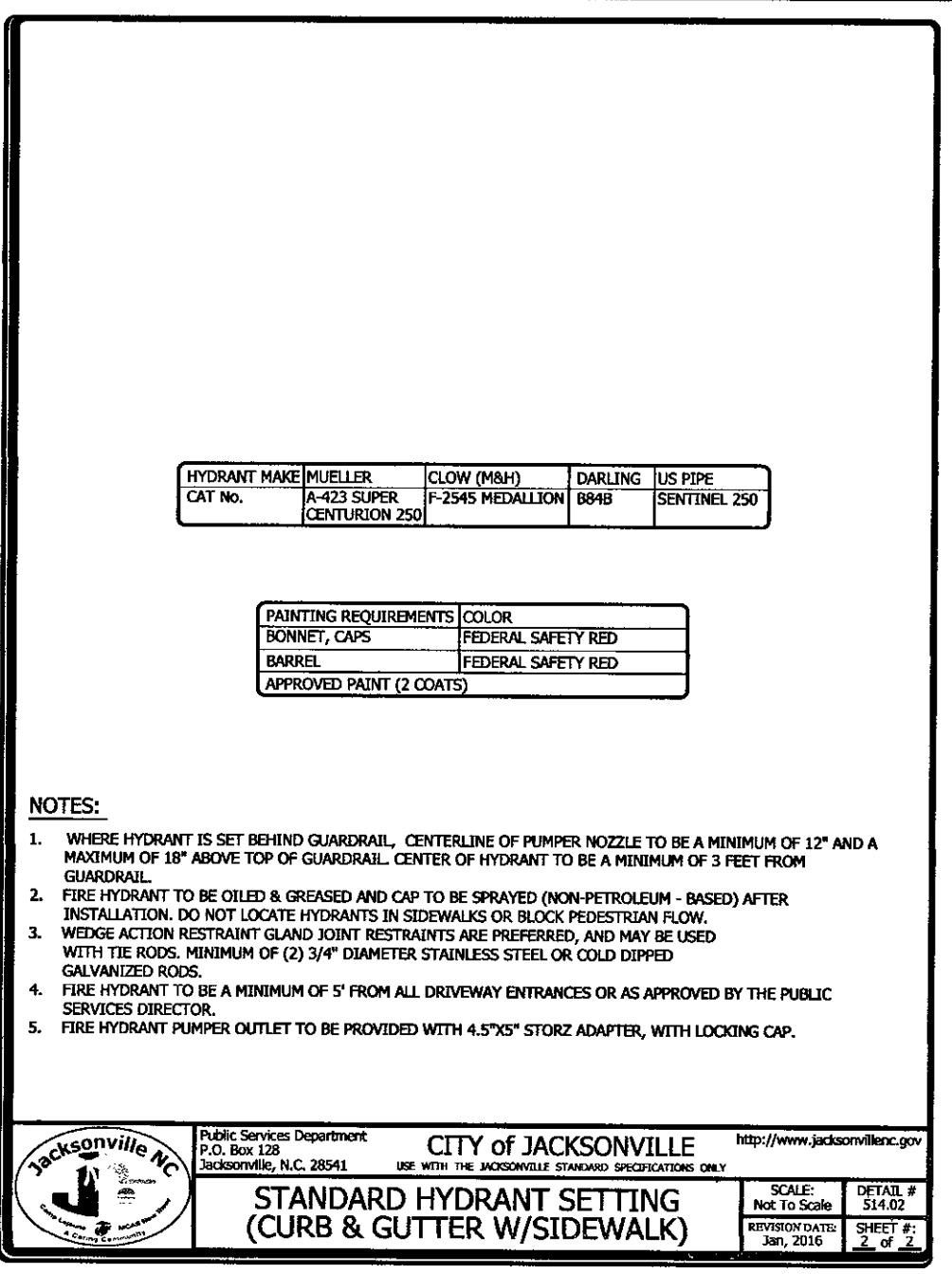
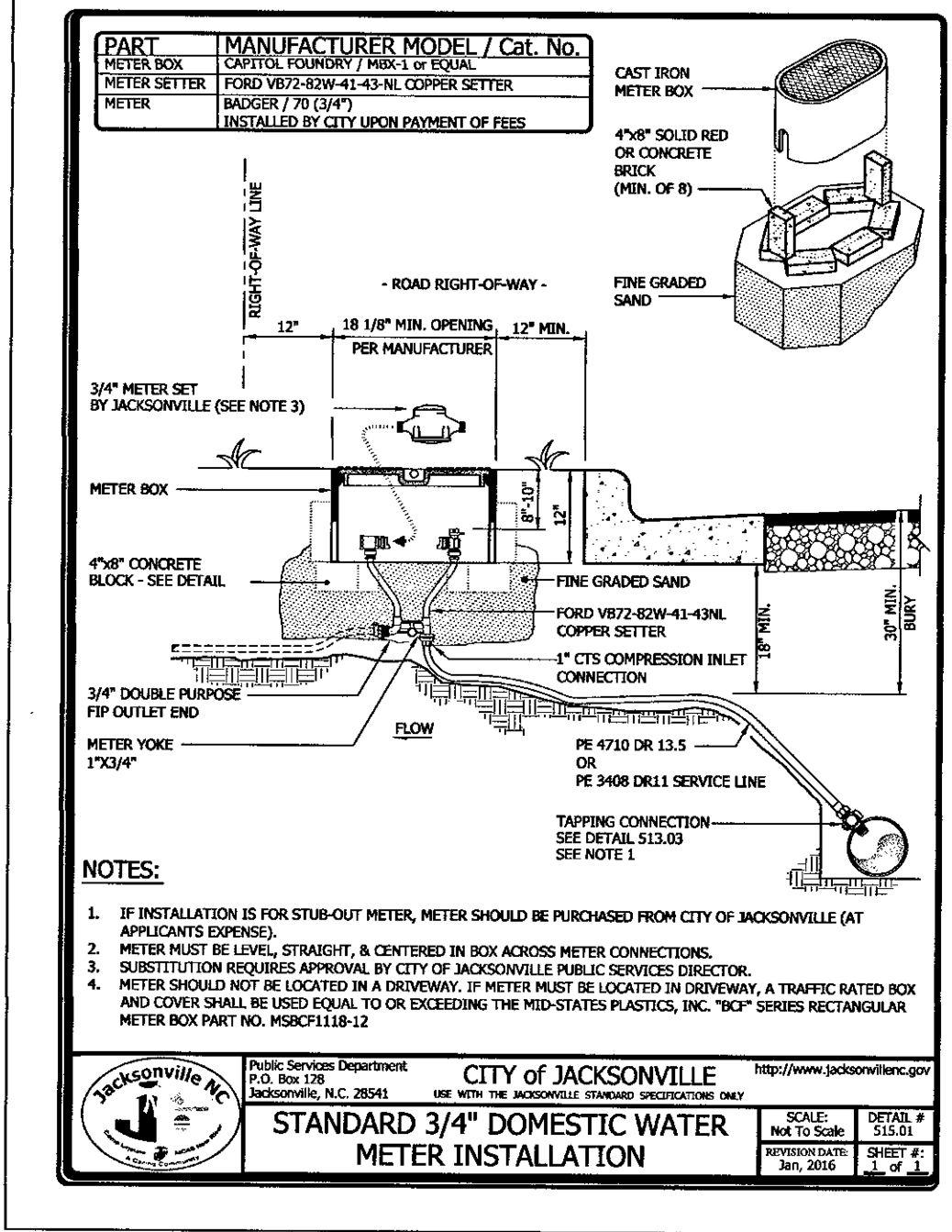
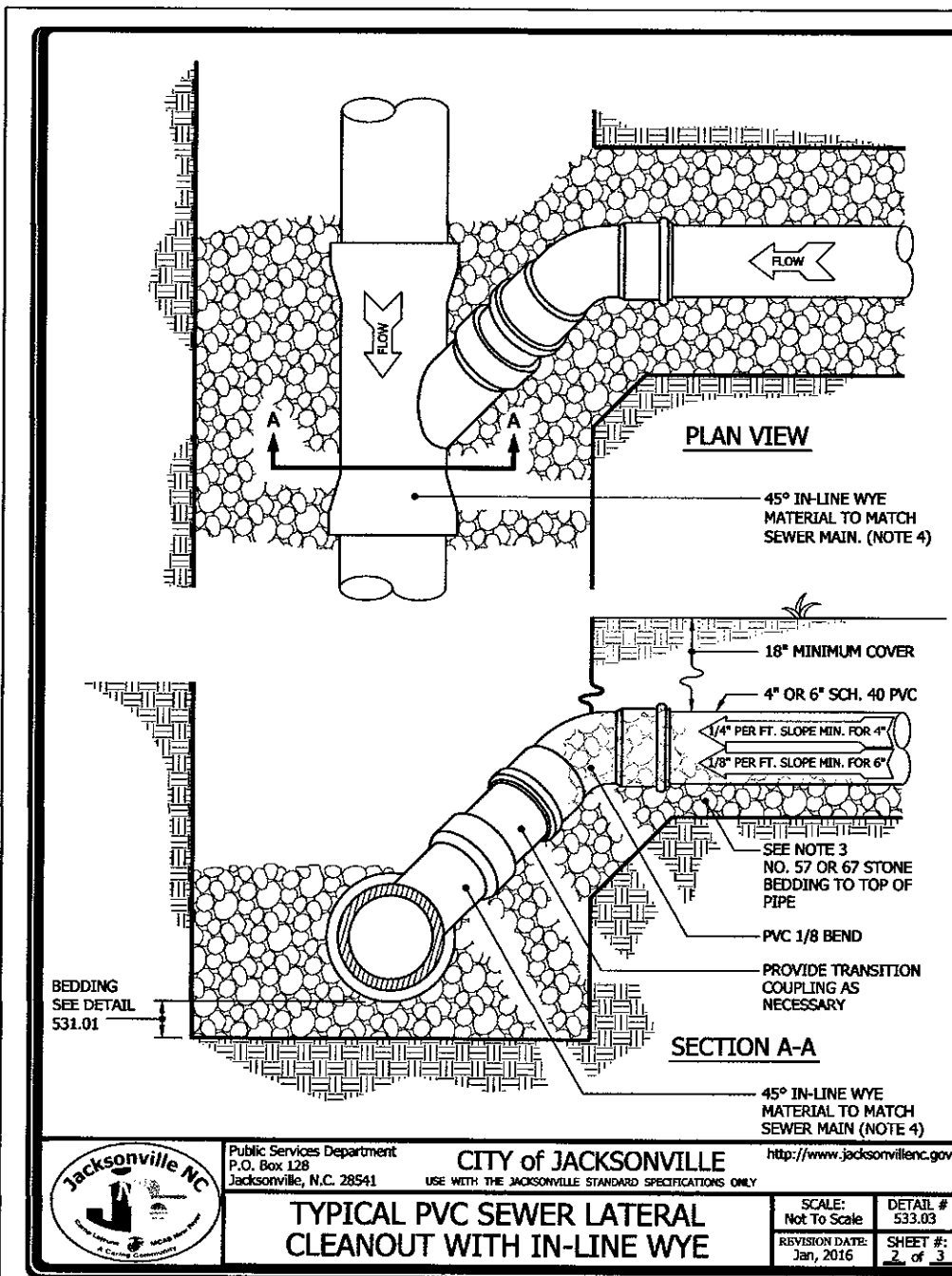
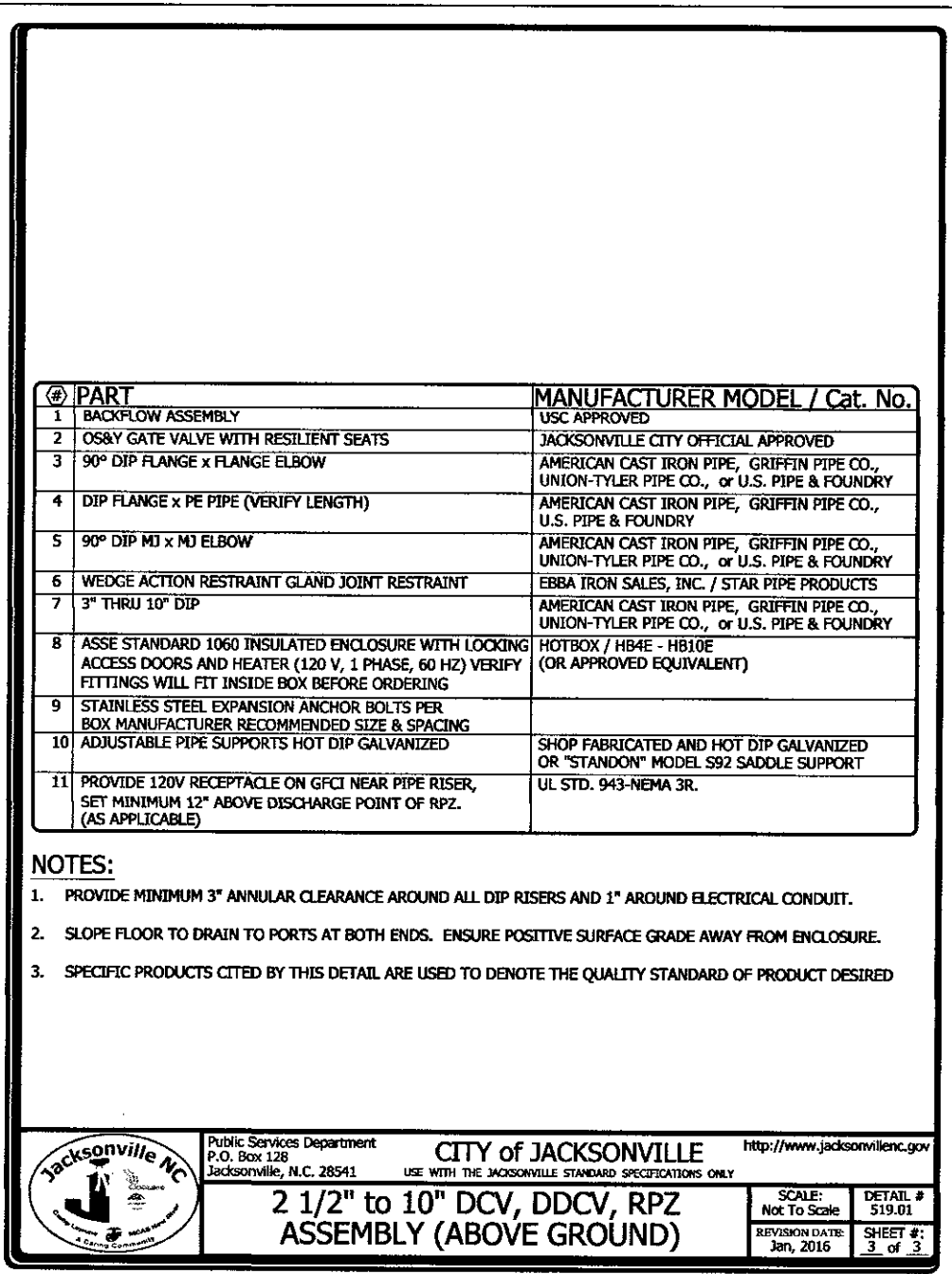
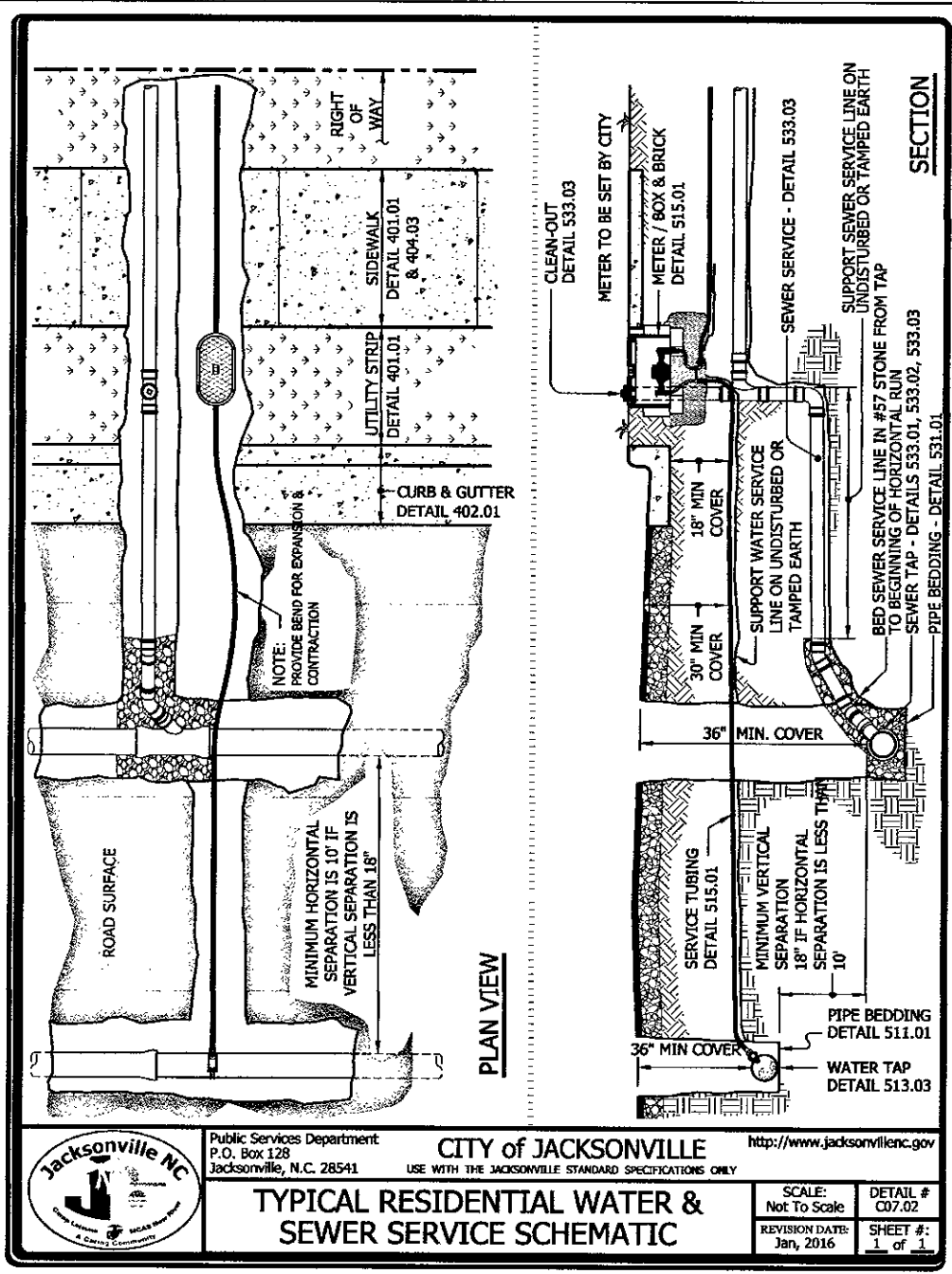
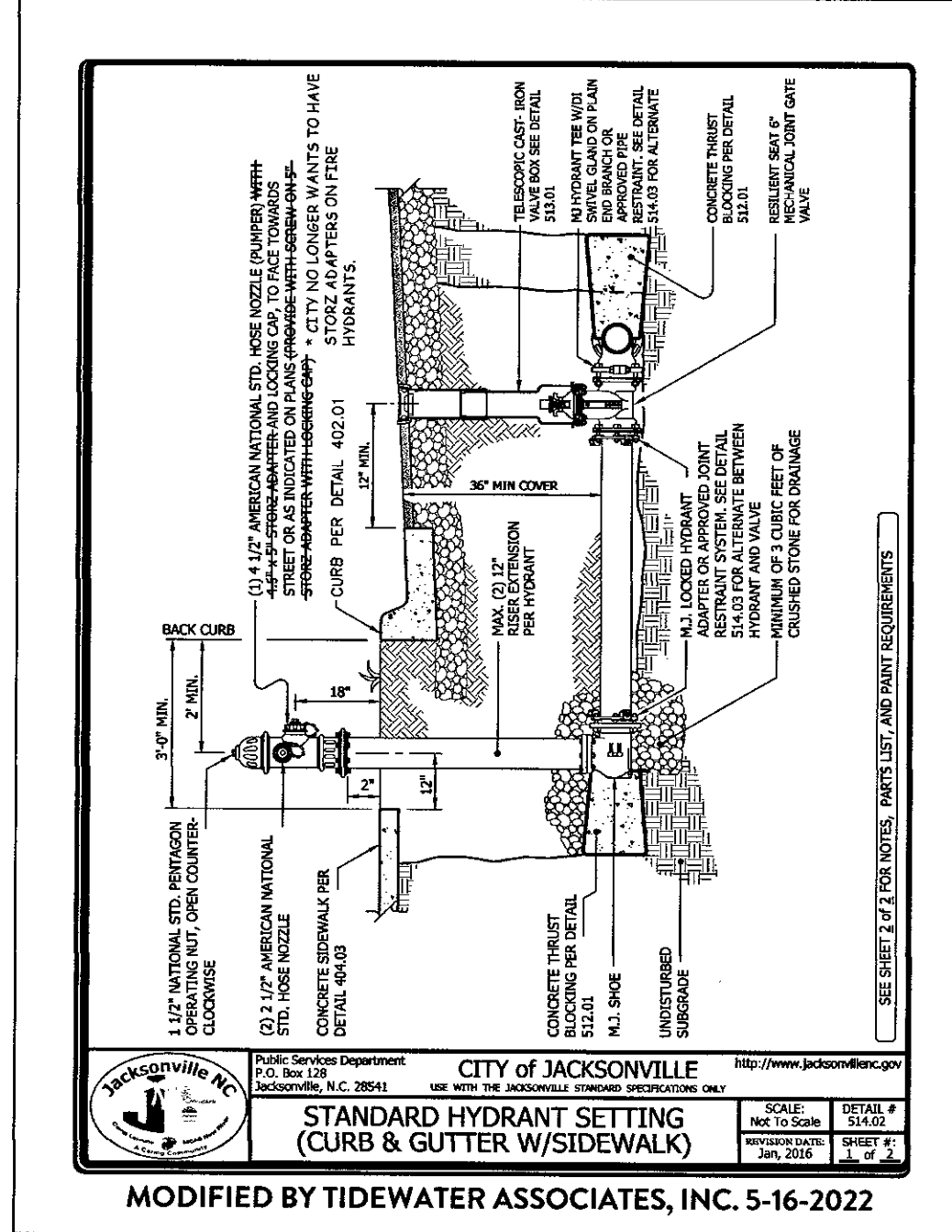
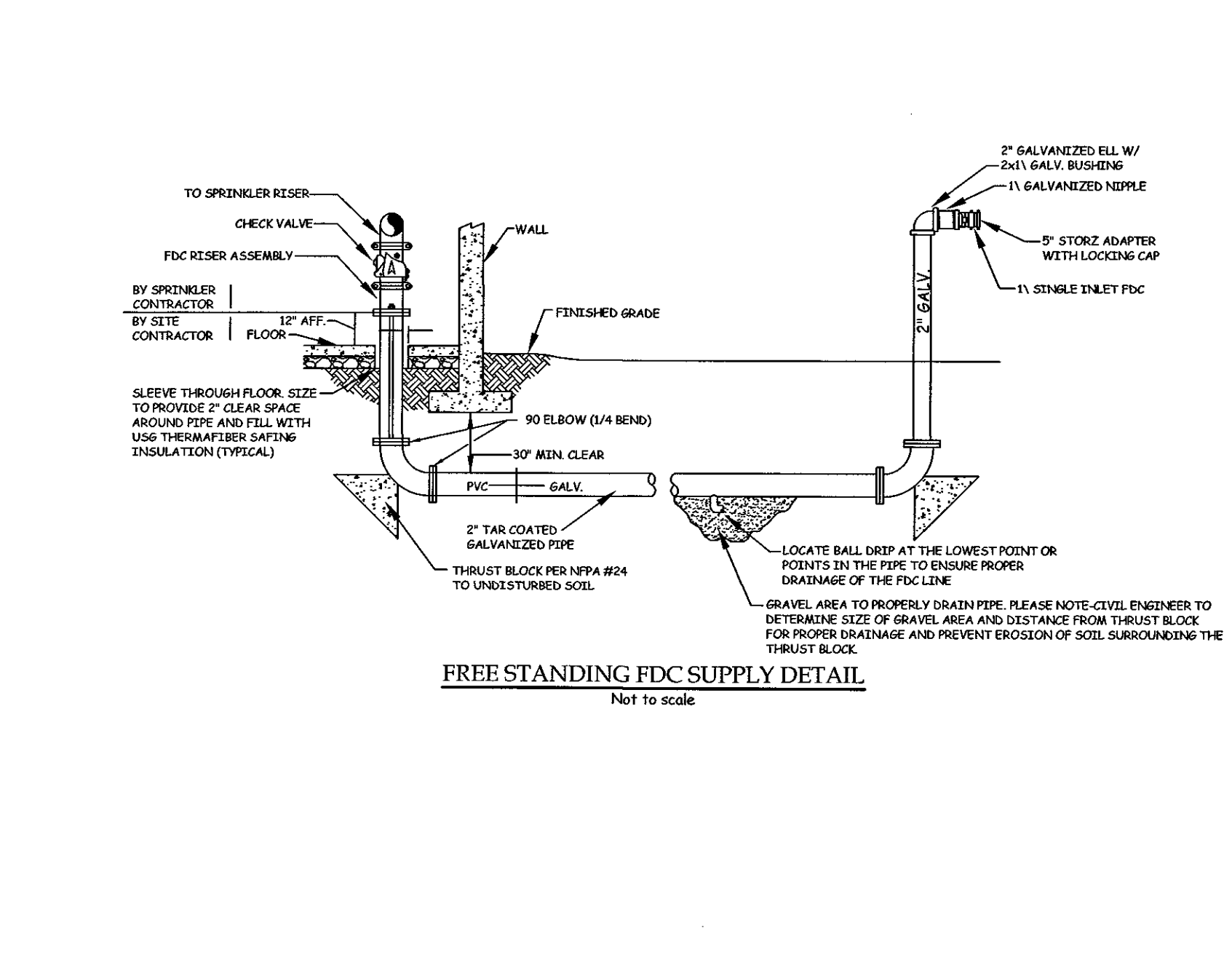
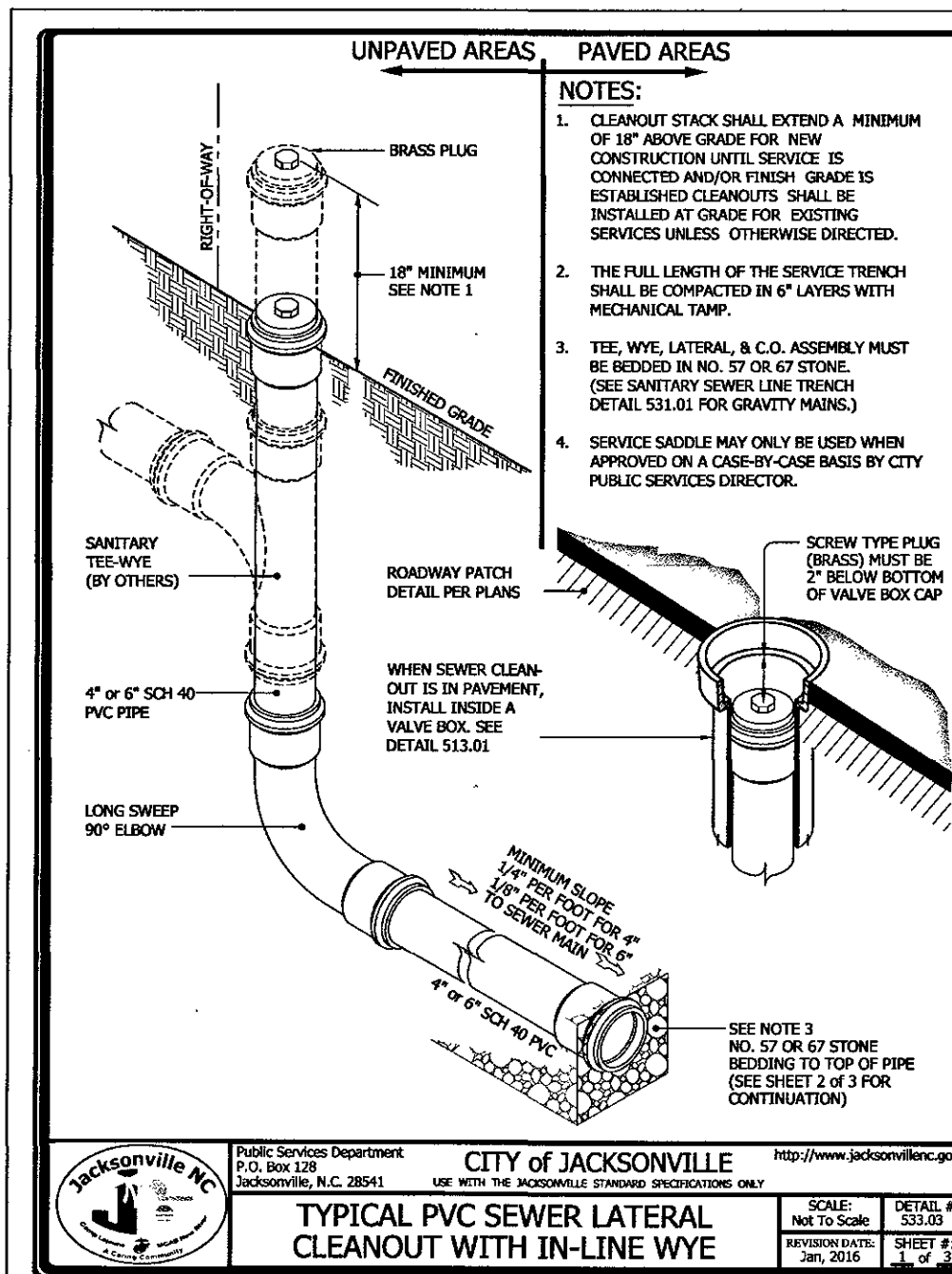
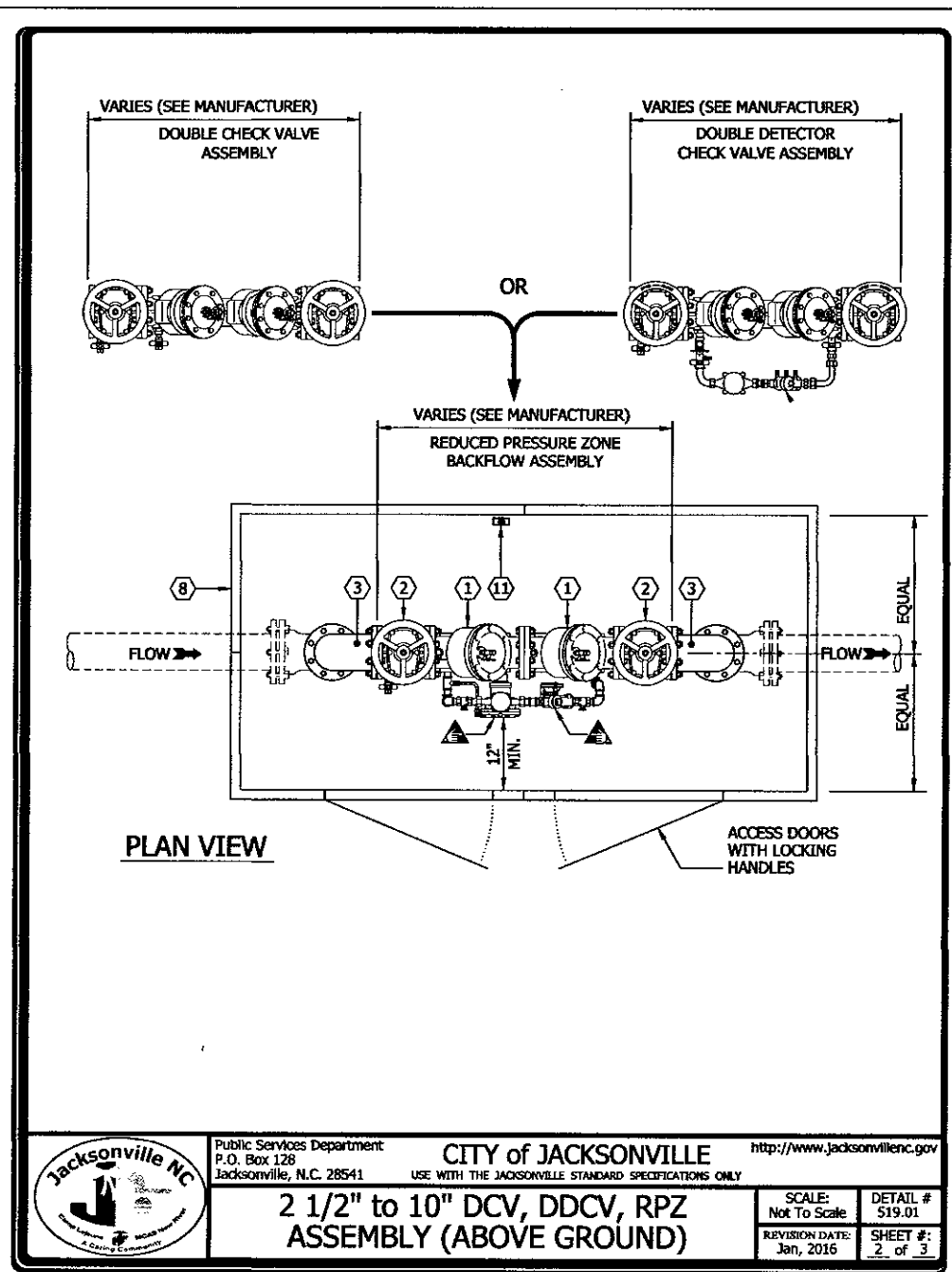
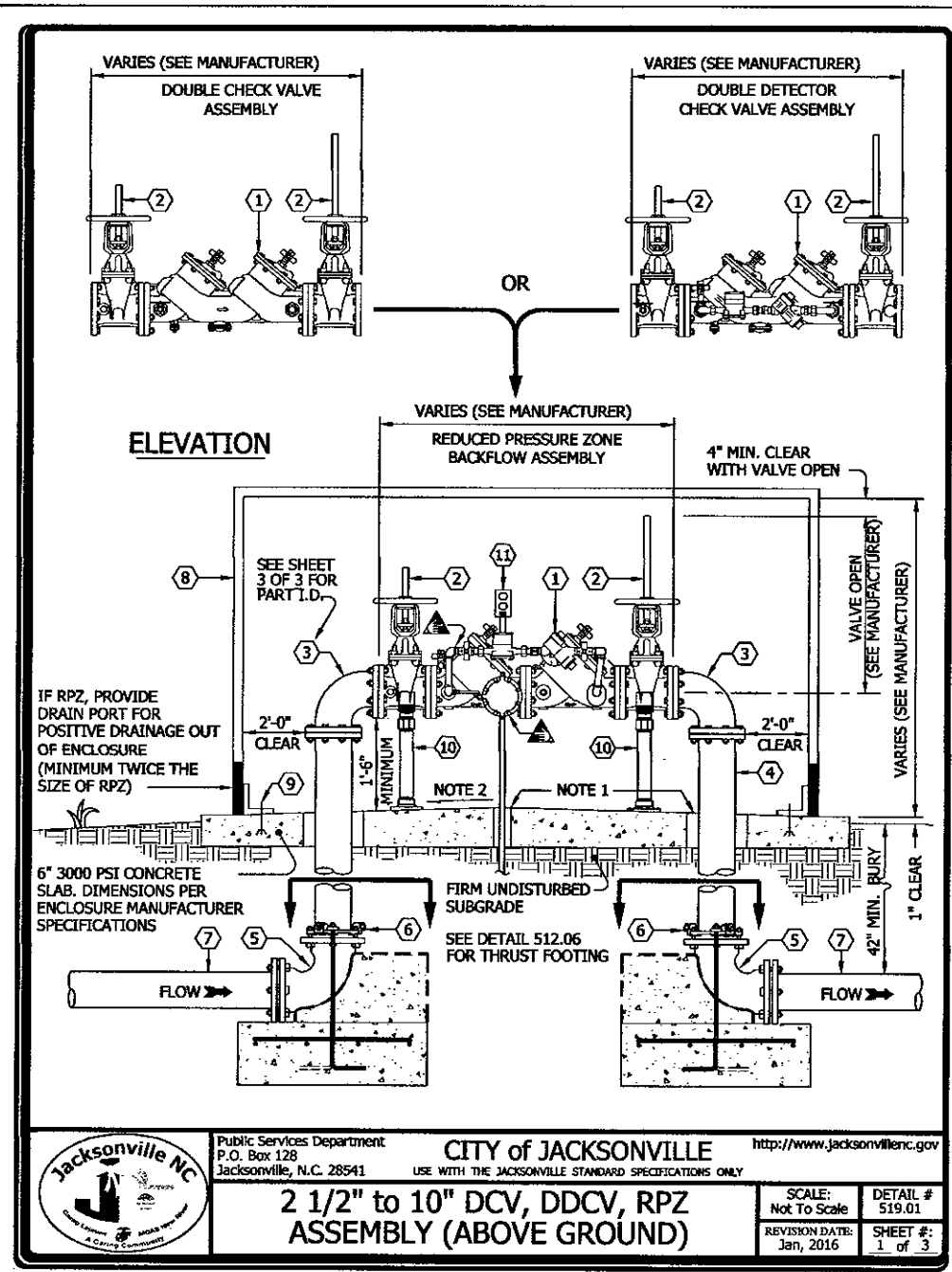
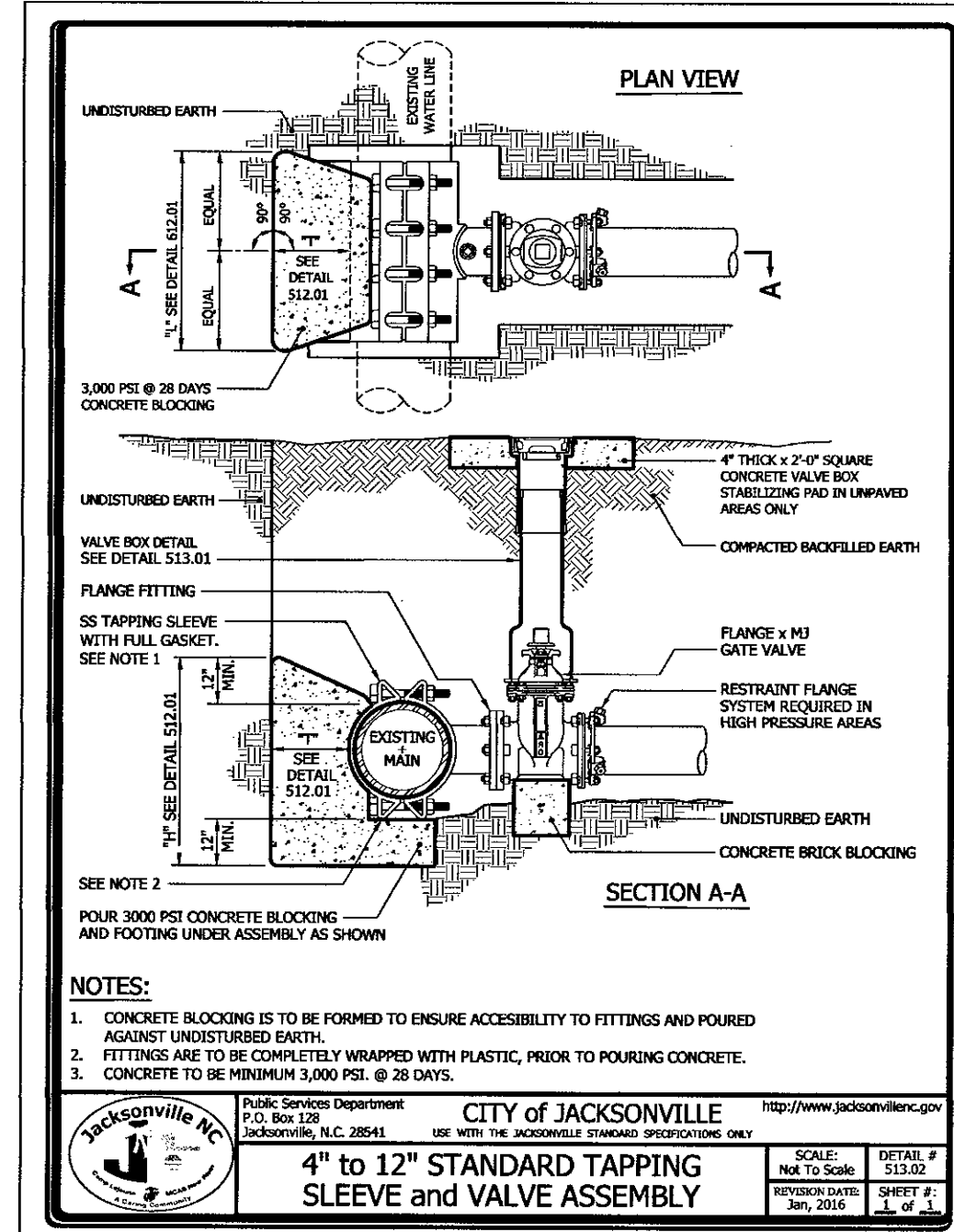
DATE: 02/21/2022

SCALE: As Noted

TIDEWATER ASSOCIATES, INC.

Consulting Engineers - Land Surveyors - Land Planners
Jacksonville, North Carolina
P.O. Box 976 - 306 New Bridge Street - 28540
Phone (910) 455-2414 - www.TidewaterENC.com
Firm License Number: F-0108





Water and Sewer Detail Sheet

CRESTFIELD POINT APARTMENTS

350 Blue Creek School Road
Jacksonville Twp., Onslow Co., North Carolina

Owner:
East Point Homes, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

Developer:
Carolina Statewide Development, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

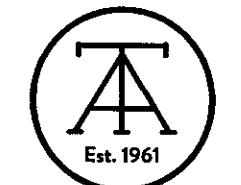
DATE: 02/21/2022

SCALE: As Noted

TIDEWATER ASSOCIATES, INC.
Consulting Engineers - Land Surveyors - Land Planners
Jacksonville, North Carolina
P.O. Box 976 - 306 New Bridge Street - 28540
Phone (910) 455-2414 - www.TideWaterENC.com
Firm License Number: F-0108

Rev. 05/18/2022 KHW - Plot for signature
Rev. 05/16/2022 KHW - Added FDC detail; revise Hydrant detail
Rev. 05/02/2022 KHW - Add Project Address

Field Book: N/A
Disk Name: Acad 02897
Filename: Crestfield - Siting KHW
Job No.: C210826-7848



PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION A: SELF-INSPECTION

Self-inspections are required during normal business hours in accordance with the table below. When adverse weather or site conditions would cause the safety of the inspection personnel to be in jeopardy, the inspection may be delayed until the next business day on which it is safe to perform the inspection. In addition, when a storm event of equal to or greater than 1.0 inch occurs outside of normal business hours, the self-inspection shall be performed upon the commencement of the next business day. Any time when inspections were delayed shall be noted in the inspection record.

Inspect	Frequency (during normal business hours)	Inspection records must include:
(1) Rain gauge maintained in good working order	Daily	Daily rainfall amounts. If no daily rain gauge observations are made during weekend or holiday periods, and no individual day rainfall information is available, record the cumulative rain measurement for those on as-needed days (and this will determine if a site inspection is needed). Days on which no rainfall occurred shall be recorded as "zero". The permittee may use another rain-measuring device approved by the Division.
(2) EESC Measures	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	1. Identification of the measures inspected. 2. Date and time of the inspection. 3. Name of the person performing the inspection. 4. Indication of whether the measures were operating properly. 5. Description of maintenance needs for the measure. 6. Description, evidence, and date of corrective actions taken.
(3) Stormwater discharge outfalls (SDOs)	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	1. Identification of the discharge outfalls inspected. 2. Date and time of the inspection. 3. Name of the person performing the inspection. 4. Evidence of indicators of stormwater pollution such as oil sheen, floating or suspended solids or discoloration. 5. Indication of visible sediment leaving the site. 6. Description, evidence, and date of corrective actions taken.
(4) Perimeter of site	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	If visible sedimentation is found outside site limits, then a record of the following shall be made: 1. Actions taken to clean up or stabilize the sediment that has left the site limits. 2. Description, evidence, and date of corrective actions taken, and 3. An explanation as to the actions taken to control future releases.
(5) Streams or wetlands onsite or offsite (where accessible)	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	If the stream or wetland has increased visible sedimentation or a stream has visible increased turbidity from the construction activity, then a record of the following shall be made: 1. Description, evidence, and date of corrective actions taken, and 2. Records of the required reports to the appropriate Division.
(6) Ground stabilization measures	After each phase of grading	1. The phase of grading (installation of perimeter EESC measures, clearing and grubbing, installation of storm drainage facilities, completion of all land disturbing activity, construction or redevelopment, permanent ground cover). 2. Documentation that the required ground stabilization measures have been provided with the required timeframe or an assurance that they will be provided as soon as possible.

NOTE: The rain inspection resets the required 7 calendar day inspection requirement.

PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION B: RECORDKEEPING

1. EESC Plan Documentation

The approved EESC plan as well as any approved deviation shall be kept on the site. The approved EESC plan must be kept up-to-date throughout the coverage under this permit. The following items pertaining to the EESC plan shall be kept on site and available for inspection at all times during normal business hours.

Item to Document	Documentation Requirements
(a) Each EESC measure has been installed and does not significantly deviate from the locations, dimensions and relative elevations shown on the approved EESC plan.	Initial and date each EESC measure on a copy of the approved EESC plan or complete, date and sign an inspection report that lists each EESC measure shown on the approved EESC plan. This documentation is required upon the initial installation of the EESC measures or if the EESC measures are modified after initial installation.
(b) A phase of grading has been completed.	Initial and date a copy of the approved EESC plan or complete, date and sign an inspection report to indicate completion of the construction phase.
(c) Ground cover is located and installed in accordance with the approved EESC plan.	Initial and date a copy of the approved EESC plan or complete, date and sign an inspection report to indicate compliance with approved ground cover specifications.
(d) The maintenance and repair requirements for all EESC measures have been performed.	Complete, date and sign an inspection report.
(e) Corrective actions have been taken to EESC measures.	Initial and date a copy of the approved EESC plan or complete, date and sign an inspection report to indicate the completion of the corrective action.

2. Additional Documentation to be Kept on Site

In addition to the EESC plan documents above, the following items shall be kept on the site and available for inspectors at all times during normal business hours, unless the Division provides a site-specific exemption based on unique site conditions that make this requirement not practical:

(a) This General Permit as well as the Certificate of Coverage, after it is received.

(b) Records of inspections made during the previous twelve months. The permittee shall record the required observations on the Inspection Record Form provided by the Division or a similar inspection form that includes all the required elements. Use of electronically available records in lieu of the required paper copies will be allowed if shown to provide equal access and utility as the hard-copy records.

3. Documentation to be Retained for Three Years

All data used to complete the e-NOI and all inspection records shall be maintained for a period of three years after project completion and made available upon request. [40 CFR 122.41]

PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION C: REPORTING

1. Occurrences that Must be Reported

Permittees shall report the following occurrences:

(a) Visible sediment deposition in a stream or wetland.

(b) Oil spills if:

- They are 25 gallons or more,
- They are less than 25 gallons but cannot be cleaned up within 24 hours,
- They cause sheen on surface waters (regardless of volume), or
- They are within 100 feet of surface waters (regardless of volume).

(c) Releases of hazardous substances in excess of reportable quantities under Section 311 of the Clean Water Act (Ref: 40 CFR 110.3 and 40 CFR 117.3) or Section 102 of CERCLA (Ref: 40 CFR 302.4) or G.S. 143-215.85.

(d) Anticipated bypasses and unanticipated bypasses.

(e) Noncompliance with the conditions of this permit that may endanger health or the environment.

2. Reporting Timeframes and Other Requirements

After a permittee becomes aware of an occurrence that must be reported, he shall contact the appropriate Division regional office within the timeframes and in accordance with the other requirements listed below. Occurrences outside normal business hours may also be reported to the Department's Environmental Emergency Center personnel at (800) 858-0368.

Occurrence	Reporting Timeframes (After Discovery) and Other Requirements
(a) Visible sediment deposition in a stream or wetland	<ul style="list-style-type: none"> Within 24 hours, an oral or electronic notification. Within 7 calendar days, a report that contains a description of the sediment and actions taken to address the cause of the deposition. Division staff may waive the requirement for a written report on a case-by-case basis. If the stream is named on the NC 303(d) list as impaired for sediment-related causes, the permittee may be required to perform additional monitoring, inspections or apply more stringent practices if staff determine that additional requirements are needed to assure compliance with the federal or state impaired waters conditions.
(b) Oil spills and release of hazardous substances per item 1(b)-(c) above	<ul style="list-style-type: none"> Within 24 hours, an oral or electronic notification. A report at least ten days before the date of the bypass, if possible. The report shall include an evaluation of the anticipated quality and effect of the bypass.
(c) Anticipated bypasses (40 CFR 122.41(m)(3))	<ul style="list-style-type: none"> Within 24 hours, an oral or electronic notification. Within 7 calendar days, a report that includes an evaluation of the quality and effect of the bypass.
(d) Unanticipated bypasses (40 CFR 122.41(m)(3))	<ul style="list-style-type: none"> Within 24 hours, an oral or electronic notification. Within 7 calendar days, a report that contains a description of the noncompliance, and its causes; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time noncompliance is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. [40 CFR 122.41(b)(6)]. Division staff may waive the requirement for a written report on a case-by-case basis.



NCG01 SELF-INSPECTION, RECORDKEEPING AND REPORTING

EFFECTIVE: 04/01/19

GROUND STABILIZATION AND MATERIALS HANDLING PRACTICES FOR COMPLIANCE WITH THE NCG01 CONSTRUCTION GENERAL PERMIT

Implementing the details and specifications on this plan sheet will result in the construction activity being considered compliant with the Ground Stabilization and Materials Handling sections of the NCG01 Construction General Permit (Sections E and F, respectively). The permittee shall comply with the Erosion and Sediment Control plan approved by the delegated authority having jurisdiction. All details and specifications shown on this sheet may not apply depending on site conditions and the delegated authority having jurisdiction.

SECTION E: GROUND STABILIZATION

Site Area Description	Required Ground Stabilization Timeframes	Timeframe variations
(a) Perimeter dikes, swales, ditches, and perimeter slopes	Stabilize within this many calendar days after ceasing land disturbance	None
(b) High Quality Water (HQW) Zones	7	None
(c) Slopes steeper than 3:1	7	If slopes are 10' or less in length and are not steeper than 2:1, 14 days are allowed.
(d) Slopes 3:1 to 4:1	14	7 days for slopes greater than 50' in length and with slopes steeper than 4:1 7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones 10 days for Falls Lake Watershed
(e) Areas with slopes flatter than 4:1	14	7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones 10 days for Falls Lake Watershed unless there is zero slope

Note: After the permanent cessation of construction activities, any areas with temporary ground stabilization shall be converted to permanent ground stabilization as soon as practicable but in no case longer than 90 calendar days after the last land disturbing activity. Temporary ground stabilization shall be maintained in a manner to render the surface stable against accelerated erosion until permanent ground stabilization is achieved.

GROUND STABILIZATION SPECIFICATION

Stabilize the ground sufficiently so that rain will not dislodge the soil. Use one of the techniques in the table below:

Temporary Stabilization	Permanent Stabilization
<ul style="list-style-type: none"> Temporary grass seed covered with straw or other mulches and tackifiers Hydroseeding Rollled erosion control products with or without temporary grass seed Appropriately applied straw or other mulch Plastic sheeting 	<ul style="list-style-type: none"> Permanent grass seed covered with straw or other mulches and tackifiers Geotextile fabrics such as permanent soil reinforcement matting Hydroseeding Strips or other permanent plantings covered with mulch Uniform and evenly distributed ground cover sufficient to restrain erosion Structural methods such as concrete, asphalt or retaining walls Rollled erosion control products with grass seed

POLYACRYLAMIDES (PAMS) AND FLOCCULANTS

- Select flocculants that are appropriate for the soils being exposed during construction, selecting from the NC DWR List of Approved PAMS/Flocculants.
- Apply flocculants at or before the inlets to Erosion and Sediment Control Measures.
- Apply flocculants at the concentrations specified in the NC DWR List of Approved PAMS/Flocculants and in accordance with the manufacturer's instructions.
- Provide ponding area for containment of treated Stormwater before discharging offsite.
- Store flocculants in leak-proof containers that are kept under storm-resistant cover or surrounded by secondary containment structures.

EQUIPMENT AND VEHICLE MAINTENANCE

- Maintain vehicles and equipment to prevent discharge of fluids.
- Provide drip pans under any stored equipment.
- Identify leaks and repair as soon as feasible, or remove leaking equipment from the project.
- Collect all spent fluids, store in separate containers and properly dispose as hazardous waste (recycle when possible).
- Remove leaking vehicles and construction equipment from service until the problem has been corrected.
- Bring used fuels, lubricants, coolants, hydraulic fluids and other petroleum products to a recycling or disposal center that handles these materials.

LITTER, BUILDING MATERIAL AND LAND CLEARING WASTE

- Never bury or burn waste. Place litter and debris in approved waste containers.
- Provide a sufficient number and size of waste containers (e.g. dumpster, trash receptacle) on site to contain construction and domestic wastes.
- Locate waste containers at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
- Locate waste containers on areas that do not receive substantial amounts of runoff from upland areas and does not drain directly to a storm drain, stream or wetland.
- Cover waste containers at the end of each workday and before storm events or provide secondary containment. Repair or replace damaged waste containers.
- Anchor all lightweight items in waste containers during times of high winds.
- Empty waste containers as needed to prevent overflow. Clean up immediately if containers overflow.
- Dispose waste off-site at an approved disposal facility.
- On business days, clean up and dispose of waste in designated waste containers.

PAINT AND OTHER LIQUID WASTE

- Do not dump paint and other liquid waste into storm drains, streams or wetlands.
- Locate paint washouts at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
- Contain liquid wastes in a controlled area.
- Containment must be labeled, sized and placed appropriately for the needs of site.
- Prevent the discharge of soaps, solvents, detergents and other liquid wastes from construction sites.

PORTABLE TOILETS

- Install portable toilets on level ground, at least 50 feet away from storm drains, streams or wetlands unless there is no alternative reasonably available. If 50 foot offset is not attainable, provide relocation of portable toilet behind silt fence or place on a gravel pad and surround with sand bags.
- Provide staking or anchoring of portable toilets during periods of high winds or in high foot traffic areas.
- Monitor portable toilets for leaking and properly dispose of any leaked material. Utilize a licensed sanitary waste hauler to remove leaking portable toilets and replace with properly operating unit.

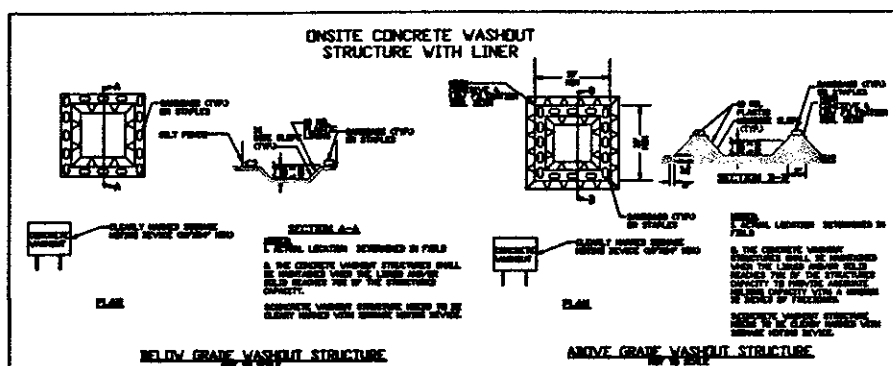
EARTHEN STOCKPILE MANAGEMENT

- Show stockpile locations on plans. Locate earthen-material stockpile areas at least 50 feet away from storm drain inlets, sediment basins, perimeter sediment controls and surface waters unless it can be shown no other alternatives are reasonably available.
- Protect stockpile with silt fence installed along toe of slope with a minimum offset of five feet from the toe of stockpile.
- Provide stable stone access point when feasible.
- Stabilize stockpile within the timeframes provided on this sheet and in accordance with the approved plan and any additional requirements. Soil stabilization is defined as vegetative, physical or chemical coverage techniques that will restrain accelerated erosion on disturbed soils for temporary or permanent control needs.



NCG01 GROUND STABILIZATION AND MATERIALS HANDLING

EFFECTIVE: 04/01/19



CONCRETE WASHOUTS

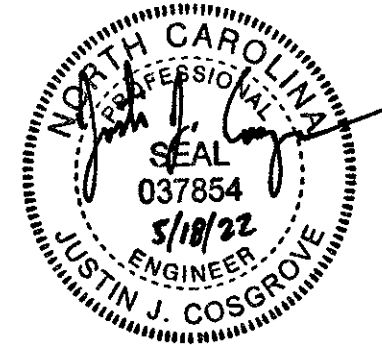
- Do not discharge concrete or cement slurry from the site.
- Dispose of, or recycle settled, hardened concrete residue in accordance with local and state solid waste regulations and at an approved facility.
- Manage washout from mortar mixers in accordance with the above item and in addition place the mixer and associated materials on impervious barrier and within lot perimeter silt fence.
- Install temporary concrete washouts per local requirements, where applicable. If an alternate method or product is to be used, contact your approval authority for review and approval. If local standard details are not available, use one of the two types of temporary concrete washouts provided on this detail.
- Do not use concrete washouts for dewatering or storing defective curb or sidewalk sections. Stormwater accumulated within the washout may not be pumped into or discharged to the storm drain system or receiving surface waters. Liquid waste must be pumped out and removed from project.
- Locate washouts at least 50 feet from storm drain inlets and surface waters unless it can be shown that no other alternatives are reasonably available. At a minimum, install protection of storm drain inlet(s) closest to the washout which could receive spills or overflow.
- Locate washouts in an easily accessible area, on level ground and install a stone entrance pad in front of the washout. Additional controls may be required by the approving authority.
- Install at least one sign directing concrete trucks to the washout within the project limits. Post signage on the washout itself to identify this location.
- Remove leavings from the washout when at approximately 75% capacity to limit overflow events. Replace the tarp, sand bags or other temporary structural components when no longer functional. When utilizing alternative or proprietary products, follow manufacturer's instructions.
- At the completion of the concrete work, remove remaining leavings and dispose of in an approved disposal facility. Fill pit, if applicable, and stabilize any disturbance caused by removal of washout.

HERBICIDES, PESTICIDES AND RODENTICIDES

- Store and apply herbicides, pesticides and rodenticides in accordance with label restrictions.
- Store herbicides, pesticides and rodenticides in their original containers with the label, which lists directions for use, ingredients and first aid steps in case of accidental poisoning.
- Do not store herbicides, pesticides and rodenticides in areas where flooding is possible or where they may spill or leak into wells, stormwater drains, ground water or surface water. If a spill occurs, clean area immediately.
- Do not stockpile these materials onsite.

HAZARDOUS AND TOXIC WASTE

- Create designated hazardous waste collection areas on-site.
- Place hazardous waste containers under cover or in secondary containment.
- Do not store hazardous chemicals, drums or bagged materials directly on the ground.



NCG01 Detail Sheet

CRESTFIELD POINT APARTMENTS

350 Blue Creek School Road
Jacksonville Twp., Onslow Co., North Carolina

Owner:
East Point Homes, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

Developer:
Carolina Statewide Development, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

DATE: 02/21/2022

SCALE: Not to Scale

TIDEWATER ASSOCIATES, INC.

Consulting Engineers - Land Surveyors - Land Planners
Jacksonville, North Carolina
P.O. Box 976 - 306 New Bridge Street - 28540
Phone (910) 455-2414 - www.TidewaterENC.com
Firm License Number: F-0108



Species Conclusions Table

Project Name: Crestfield Point Apartments

Date: 6/23/22

Species / Resource Name	Conclusion	ESA Section 7 / Eagle Act Determination	Notes / Documentation
Eastern Black Rail	No effect	No effect	Neither habitat nor forage areas are located on the site tidal marsh or wet meadows are not on the site
Piping Plover	No effect	No effect	Neither habitat nor forage areas are located on the site Sandy beaches or tidal flats are not present on the site
Red Knot	No effect	No effect	Neither habitat nor forage areas are located on the site Sandy beaches or tidal flats are not present on the site
Red-cockaded Woodpecker	No effect	No effect	Neither habitat nor forage areas are located on the site. Trees are not present on the site
Monarch Butterfly	No effect	No effect	The site area could be a habitat. However milkweed was not observed on the site on the day of the site visit
Cooley's Meadowrue	No effect	No effect	Site area could be a habitat. However the plant was not observed during the site reconnaissance. Plants were not observed during the site reconnaissance
Pondberry	No effect	No effect	While a potential habitat exists around the on site ponds and wetlands along the northern property boundary, these plants were not observed during the site reconnaissancePlants were not observed during the site reconasance
Rough-leaved Loosestrife	No effect	No effect	The habitat is not located on the site -the site is not a moist area between long leaf pines and wet shrubby areas
Seabeach Amaranth	No effect	No effect	The habitat is not located on the site.The site is not located near a beach

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

6/23/22

Date

Species Conclusions TableProject Name: Crestfield Point ApartmentsDate: 6/23/22

Species / Resource Name	Conclusion	ESA Section 7 / Eagle Act Determination	Notes / Documentation
Green Sea Turtle	No effect	No effect	Neither habitat nor forage areas are located on the site-Ocean species
Kemp's Ridley Sea Turtle	No effect	No effect	Neither habitat nor forage areas are located on the site-Ocean species
Leatherback Sea Turtle	No effect	No effect	Neither habitat nor forage areas are located on the site-Ocean species
Loggerhead Sea Turtle	No effect	No effect	Neither habitat nor forage areas are located on the site-Ocean species
Bald Eagle	Unlikely to disturb nesting bald eagles	No Eagle Act Permit Required	Neither habitat nor forage areas are located on the site. There are no trees located on this site and no large water bodies in the immediate site area.
American Alligator	No effect	No effect	The small freshwater pond is located on the eastern portion of the site. However this area of the property is not included in the development of Crestfield Point and will not be disturbed

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

6/23/22

Date



United States Department of the Interior

FISH AND WILDLIFE SERVICE



Raleigh Field Office
P.O. Box 33726
Raleigh, NC 27636-3726

Date: _____

Self-Certification Letter

Project Name _____

Dear Applicant:

Thank you for using the U.S. Fish and Wildlife Service (Service) Raleigh Ecological Services online project review process. By printing this letter in conjunction with your project review package, you are certifying that you have completed the online project review process for the project named above in accordance with all instructions provided, using the best available information to reach your conclusions. This letter, and the enclosed project review package, completes the review of your project in accordance with the Endangered Species Act of 1973 (16 U.S.C. 1531-1544, 87 Stat. 884), as amended (ESA), and the Bald and Golden Eagle Protection Act (16 U.S.C. 668-668c, 54 Stat. 250), as amended (Eagle Act). This letter also provides information for your project review under the National Environmental Policy Act of 1969 (P.L. 91-190, 42 U.S.C. 4321-4347, 83 Stat. 852), as amended. A copy of this letter and the project review package must be submitted to this office for this certification to be valid. This letter and the project review package will be maintained in our records.

The species conclusions table in the enclosed project review package summarizes your ESA and Eagle Act conclusions. Based on your analysis, mark all the determinations that apply:

“no effect” determinations for proposed/listed species and/or proposed/designated critical habitat; and/or

“may affect, not likely to adversely affect” determinations for proposed/listed species and/or proposed/designated critical habitat; and/or

“may affect, likely to adversely affect” determination for the Northern long-eared bat (*Myotis septentrionalis*) and relying on the findings of the January 5, 2016, Programmatic Biological Opinion for the Final 4(d) Rule on the Northern long-eared bat;

“no Eagle Act permit required” determinations for eagles.

We certify that use of the online project review process in strict accordance with the instructions provided as documented in the enclosed project review package results in reaching the appropriate determinations. Therefore, we concur with the “no effect” or “not likely to adversely affect” determinations for proposed and listed species and proposed and designated critical habitat; the “may affect” determination for Northern long-eared bat; and/or the “no Eagle Act permit required” determinations for eagles. Additional coordination with this office is not needed. Candidate species are not legally protected pursuant to the ESA. However, the Service encourages consideration of these species by avoiding adverse impacts to them. Please contact this office for additional coordination if your project action area contains candidate species. Should project plans change or if additional information on the distribution of proposed or listed species, proposed or designated critical habitat, or bald eagles becomes available, this determination may be reconsidered. This certification letter is valid for 1 year. Information about the online project review process including instructions, species information, and other information regarding project reviews within North Carolina is available at our website <http://www.fws.gov>. If you have any questions, you can write to us at Raleigh@fws.gov or please contact Leigh Mann of this office at 919-856-4520, ext. 10.

Sincerely,

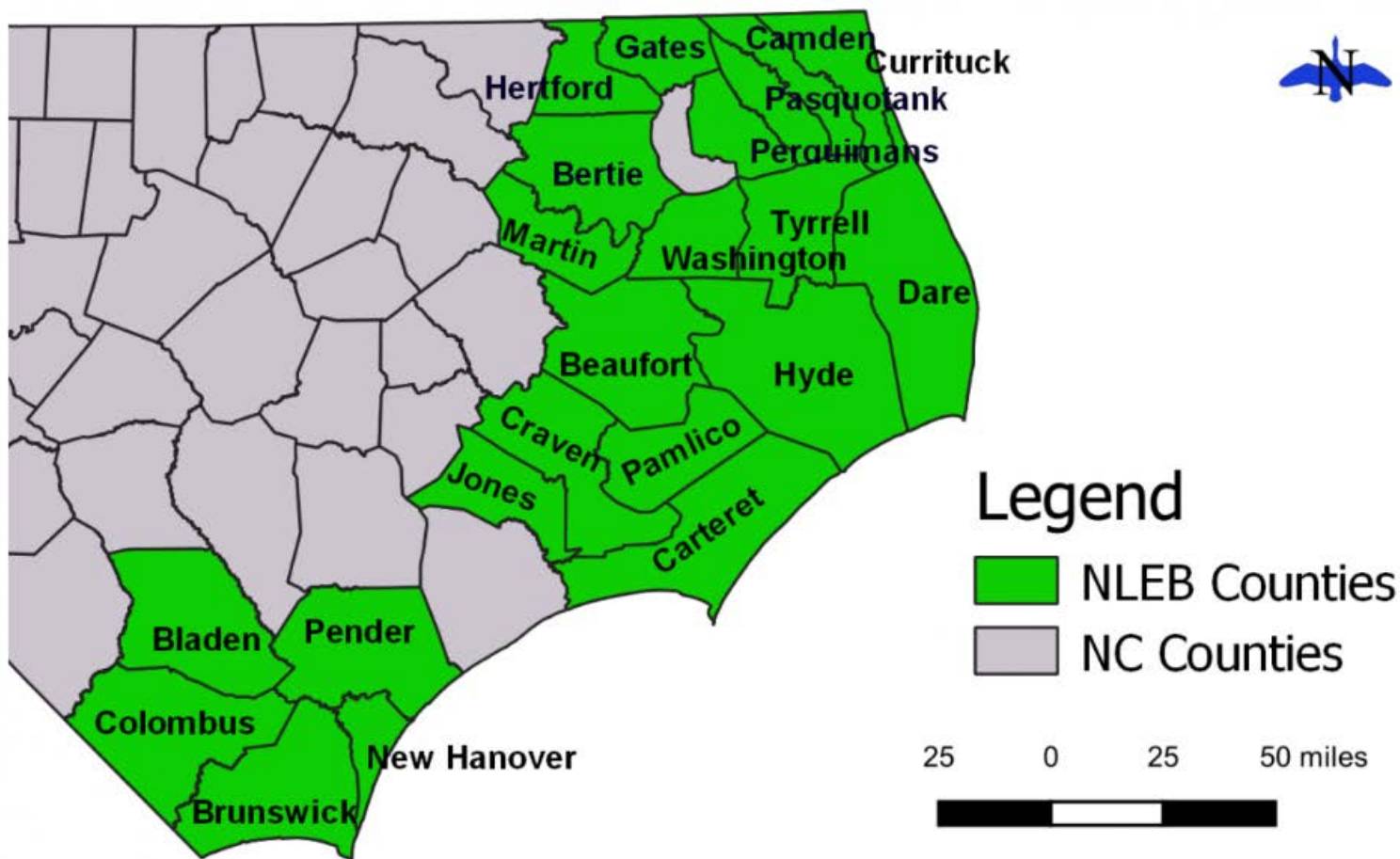
/s/Pete Benjamin

Pete Benjamin
Field Supervisor
Raleigh Ecological Services

Enclosures - project review package



Northern Long-eared bat distribution in North Carolina





Thermal and Explosive Hazards

Project Name	Investigator(s)	Site Visit Date
Crestfield Point Apartments	Daniel Schiwinger	11/16/21

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?

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 (Refer to EDR report within the Phase I ESA Report)

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?

☐

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?

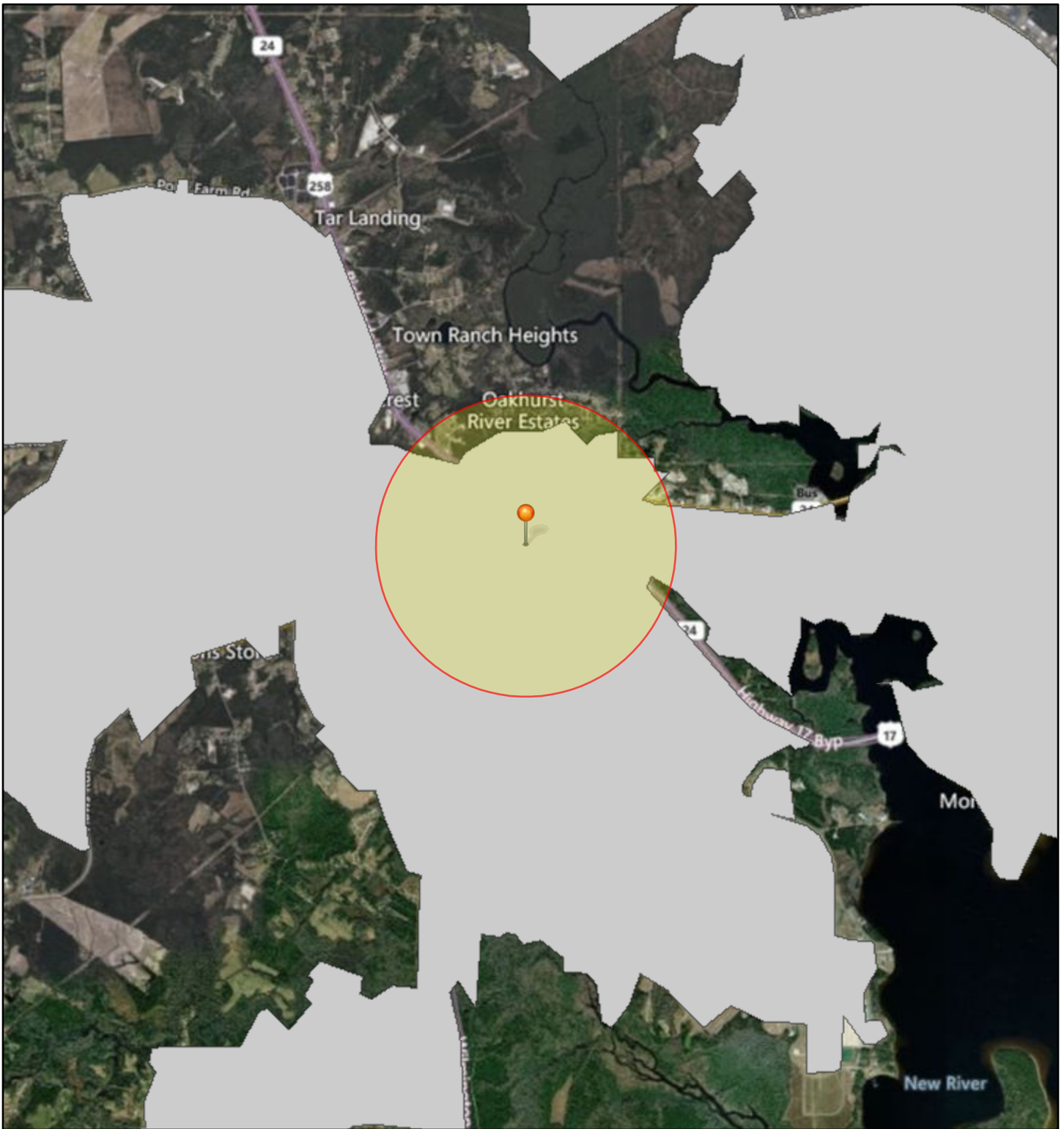
Mitigation (attach additional documentation)	
Additional Comments or Recommendations	

Lead Investigator's Signature

11/16/21

Date

Crestfield Point Apts - Urbanized Areas



June 17, 2022

1:72,224



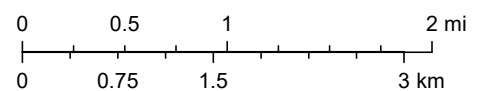
Project Buffer



Crestfield Point Apartments



Urbanized Areas



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Airbus DS © 2022 TomTom, EPA OEI



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 **Onslow County, North Carolina**



Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (<http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/>) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (<https://offices.sc.egov.usda.gov/locator/app?agency=nrcs>) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

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 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Onslow County, North Carolina
Survey Area Data: Version 23, Sep 2, 2021

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

Date(s) aerial images were photographed: Dec 31, 2009—Aug 24, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
CrB	Craven fine sandy loam, 1 to 4 percent slopes	5.0	47.4%
Ly	Lynchburg fine sandy loam, 0 to 2 percent slopes, Atlantic Coast Flatwoods	5.2	49.3%
Mk	Muckalee loam	0.3	3.3%
Totals for Area of Interest		10.6	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.

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.

Onslow County, North Carolina

CrB—Craven fine sandy loam, 1 to 4 percent slopes

Map Unit Setting

National map unit symbol: 3ws9

Elevation: 20 to 160 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: All areas are prime farmland

Map Unit Composition

Craven and similar soils: 85 percent

Minor components: 6 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Craven

Setting

Landform: Ridges on marine terraces, flats on marine terraces

Landform position (two-dimensional): Summit, shoulder

Landform position (three-dimensional): Crest

Down-slope shape: Convex

Across-slope shape: Convex

Parent material: Clayey marine deposits

Typical profile

Ap - 0 to 7 inches: fine sandy loam

E - 7 to 9 inches: fine sandy loam

Bt - 9 to 54 inches: clay

C - 54 to 80 inches: sandy loam

Properties and qualities

Slope: 1 to 4 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Moderately well drained

Runoff class: Low

Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.06 to 0.20 in/hr)

Depth to water table: About 24 to 36 inches

Frequency of flooding: None

Frequency of ponding: None

Available water supply, 0 to 60 inches: Moderate (about 8.2 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 3e

Hydrologic Soil Group: D

Hydric soil rating: No

Minor Components

Bibb, undrained

Percent of map unit: 3 percent

Landform: Flood plains

Custom Soil Resource Report

Landform position (two-dimensional): Toeslope
Down-slope shape: Concave
Across-slope shape: Linear
Hydric soil rating: Yes

Johnston, undrained

Percent of map unit: 2 percent
Landform: Flood plains
Down-slope shape: Concave
Across-slope shape: Linear
Hydric soil rating: Yes

Muckalee, undrained

Percent of map unit: 1 percent
Landform: Flood plains
Down-slope shape: Concave
Across-slope shape: Linear
Hydric soil rating: Yes

Ly—Lynchburg fine sandy loam, 0 to 2 percent slopes, Atlantic Coast Flatwoods

Map Unit Setting

National map unit symbol: 2vx8k
Elevation: 0 to 100 feet
Mean annual precipitation: 40 to 55 inches
Mean annual air temperature: 64 to 70 degrees F
Frost-free period: 200 to 310 days
Farmland classification: Prime farmland if drained

Map Unit Composition

Lynchburg and similar soils: 82 percent
Minor components: 18 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Lynchburg

Setting

Landform: Marine terraces
Landform position (three-dimensional): Tread
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Loamy marine deposits

Typical profile

Ap - 0 to 6 inches: fine sandy loam
E - 6 to 13 inches: fine sandy loam
Bt - 13 to 21 inches: sandy clay loam
Btg - 21 to 45 inches: sandy clay loam
BCg - 45 to 63 inches: sandy clay loam

Properties and qualities

Slope: 0 to 2 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Somewhat poorly drained

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high
(0.57 to 1.98 in/hr)

Depth to water table: About 6 to 18 inches

Frequency of flooding: None

Frequency of ponding: None

Available water supply, 0 to 60 inches: Low (about 5.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 2w

Hydrologic Soil Group: B/D

Hydric soil rating: No

Minor Components

Goldsboro

Percent of map unit: 8 percent

Landform: Broad interstream divides on marine terraces, flats on marine terraces

Landform position (three-dimensional): Talf

Down-slope shape: Linear

Across-slope shape: Linear

Hydric soil rating: No

Rains, undrained

Percent of map unit: 5 percent

Landform: Broad interstream divides on marine terraces, flats on marine terraces,
carolina bays on marine terraces

Landform position (three-dimensional): Dip, talf

Down-slope shape: Linear

Across-slope shape: Linear

Hydric soil rating: Yes

Rains, drained

Percent of map unit: 5 percent

Landform: Broad interstream divides on marine terraces, flats on marine terraces,
carolina bays on marine terraces

Landform position (three-dimensional): Dip, talf

Down-slope shape: Linear

Across-slope shape: Linear

Hydric soil rating: Yes

Mk—Muckalee loam

Map Unit Setting

National map unit symbol: 3wst

Elevation: 20 to 160 feet

Custom Soil Resource Report

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: Not prime farmland

Map Unit Composition

Muckalee, undrained, and similar soils: 80 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Muckalee, Undrained

Setting

Landform: Flood plains
Down-slope shape: Concave
Across-slope shape: Linear
Parent material: Sandy and loamy alluvium

Typical profile

A - 0 to 24 inches: loam
Cg - 24 to 80 inches: sandy loam

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Poorly drained
Runoff class: Negligible
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high
(0.57 to 1.98 in/hr)
Depth to water table: About 0 to 12 inches
Frequency of flooding: FrequentNone
Frequency of ponding: None
Available water supply, 0 to 60 inches: Moderate (about 6.5 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 5w
Hydrologic Soil Group: B/D
Hydric soil rating: Yes

References

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- 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

Gievers, Andrea

From: Gievers, Andrea
Sent: Tuesday, March 22, 2022 1:32 PM
To: DCR - Environmental_Review
Cc: Gledhill-earley, Renee
Subject: Section 106 Review HUD CDBG-DR - Crestfield Point Apts
Attachments: NCORR SHPO No HP Affected Crestfield Point Pkg 3.22.22.pdf

Hello:

I have attached the Section 106 Review package request for **Crestfield Point Apartments**. I am doing a *separate* NEPA HUD CDBG-DR 24 CFR 58 environmental review by **NCORR** for this project. My associate at NCHFA has already submitted this project to your office and the *SCH Environmental Bulletin, Control No. 22-E-0000-0187*. I am requesting a ***separate response letter from your office to NCORR*** because our reviews are not combined and there is no lead agency. (This is one of four such reviews.) Please feel free to contact me if you need anything or have any questions. Thank you so much!

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

Roy Cooper, Governor
Casandra Skinner Hoekstra, Interim Secretary

Laura H. Hogshead, Director

March 22, 2022

Ms. Renee Gledhill-Earley
Environmental Review Coordinator
NC State Historic Preservation Office
4617 Mail Service Center
Raleigh, NC 27699-4617

Via email: Environmental.Review@ncdcr.gov
renee.gledhill-earley@ncdcr.gov

RE: State Historic Preservation Office Request for Concurrence
Section 106 Review - HUD CDBG-DR Program
Proposed Crestfield Point Apartments – SCH# 22-E-0000-0187
350 Blue Creek School Road
Jacksonville, NC 28540
Parcel #332-88

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), as a recipient of Community Development Block Grant – Disaster Recovery (CDBG-DR) funds from the United States Department of Housing and Urban Development (HUD), is serving as the responsible entity for compliance with the HUD environmental review procedures set forth in 24 CFR Part 58. NCORR is acting on behalf of HUD in providing the enclosed project information and request for consultation. *A separate environmental review is being performed by NCHFA for a HUD HOME Program funding application – see SCH# 22-E-0000-0187 and Attachment 4.*

Area of Potential Effects (APE) under §800.16(d): We have defined the APE as consisting of approximately 12.5 acres of the 26.5-acre tax parcel, located at 350 Blue Creek School Road, Jacksonville, NC 28540, and identified as Onslow County Parcel ID number 332-88. The proposed project location maps are included in **Attachment 2** for your review.

Mailing Address:
Post Office Box 110465
Durham, NC 27709



Telephone: 984.833.5350
www.ncdps.gov
www.rebuild.nc.gov

The State of North Carolina was adversely impacted by the landfall of Hurricanes Matthew (October 8, 2016) and Florence (September 14, 2018). These hurricanes damaged or destroyed hundreds of homes worsening the affordable housing shortage. This proposed project will increase affordable housing inventory for low- and moderate-income families.

Proposed Project Description: Crestfield Point Apartments is a proposed new construction project that will result in seventy-two (72) units of affordable living apartments in Jacksonville, NC. The development consists of three, three-story buildings with 24 residential units per structure. The affordable apartment complex will consist of one-bedroom, two-bedroom and three-bedroom units. Each building will have twelve (12) one-bedroom, thirty-six (36) two-bedroom and twenty four (24) three-bedroom units. The community will feature a clubhouse building with a multipurpose room and kitchenette areas for resident meetings and activities along with a residential computer lab. A laundry area and covered mailbox facilities will also be located at the clubhouse building along with office space for the on-site management and maintenance storage area. Outdoor amenities will include seating areas, a covered picnic pavilion and grill area, playground and a tot lot. The site design includes walkways throughout to connect amenity areas, community building, parking and residential buildings and will be ADA compliant. See the Consultant Letter and Preliminary Site Plans 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, North Carolina State Historic Preservation Office’s HPOWEB, and site review performed by Atlantic Shores Environmental Services, Ltd., no publicly recorded historic properties which are locally designated or listed in or eligible for inclusion in the State or National Register of Historic Places are located on or adjacent to the Subject Property. There is the John Aman House, but this is north of the site. See **Attachment 2**.

The Subject Property appears to have been developed as agricultural property some time prior to 1942 and has been agricultural or vacant land since according to the historic aerials. A site reconnaissance was conducted on November 16, 2021, and no structures were present on the site. The site was overgrown with vegetation. The proposed development will be a multifamily apartment complex and, therefore, typical clearing and grading will take place on the Subject Property during construction. The Subject Property photographs are included in **Attachment 3**.


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 processes environmental reviews for proposed projects funded with HUD CDBG-DR on a case-by-case basis. A consultation request for the proposed project described herein was sent to the Catawba Indian Nation (see **Attachment 4**). 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.

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 sign on the line below and return a copy of this letter by email to Andrea Gievers 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 Crestfield Point Apartments Enclosures:

Attachment 1: Consultant Letter and Preliminary Site Plans

Attachment 2: Proposed Project Location, NRHP and NC HPOWEB Maps

Attachment 3: Subject Property Photographs

Attachment 4: Catawba Indian Nation Response and SHPO Response to NCHFA

Concurrence:

State Historic Preservation Officer

Date

ATTACHMENT 1:

Consultant Letter and Preliminary Site Plans



January 5, 2022

Claudia Young
551-F Pylon Road
Raleigh, North Carolina 27606

Reference: Report of No Historical Properties Affected
350 Blue Creek School Road
Jacksonville, North Carolina
ASE Project No. 1516

Ms. Young,

The site is located at 350 Blue Creek School Road and is identified as a portion of Onslow County Parcel ID number 332-88. This land is owned by East Point Homes, LLC and encompasses approximately 12.5 acres of the 26.5-acre tax parcel. The site is currently vacant land. The parcel is located on Blue Creek School Road in Jacksonville, Onslow County, North Carolina and has frontage along Blue Creek School Road to the south. Crestfield Park Apartments is a new construction project that will result in seventy-two (72) units of affordable living apartments in Jacksonville, North Carolina. See the attached figures for maps of the area and site.

ASE utilized EDR package historic aerials, topographic maps, city directories, and Sanborn maps during the Phase I Environmental Assessment conducted in accordance with ASTM E1527-13 and ASTM E1527-21. Other databases utilized for historic research include:

- Onslow County Registry of Deeds.
- Physiography of North Carolina, compiled by the North Carolina Geological Society, dated 2004.
- NCDEQ Records Review
- User Questionnaire prepared by James Maides
- Google Earth Historic Aerials
- Historicsites.nc.gov
- Interactive Map of the National Register of Historic Places in North Carolina
- National Register of Historic Places

The site appears to have been developed as agricultural property some time prior to 1942 and has been agricultural or vacant land since according to the historic aerials. A site reconnaissance was conducted on November 16, 2021, and no structures were present on the site. The site was overgrown with vegetation. North Carolina Historic Sites map shows no historic sites or buildings

on the site. There is the John Aman House, but this is north of the site. Based on our investigation, no historic properties will be affected from this project.

ASE appreciates the opportunity to provide our environmental consulting services to you on this project. If there are questions regarding this report, or a need for further information, please contact us at 910-371-5980.

Sincerely,

ATLANTIC SHORES ENVIRONMENTAL SERVICES, LTD.

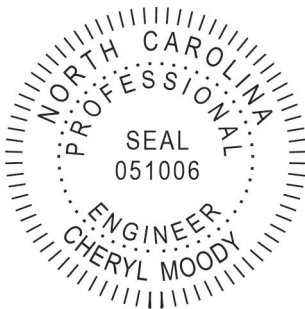


Cheryl J. Moody, PE, REM
Principal Engineer

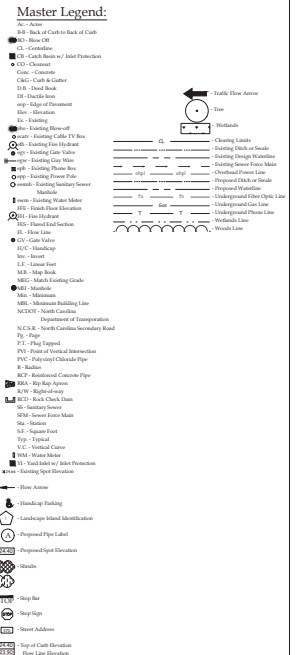


Daniel J. Schiwinger
Staff Scientist

Attachments: USGS Quad Map
Figures
Site Photographs



Jacksonville Township, Onslow County, North Carolina



Owner:
East Point Homes, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

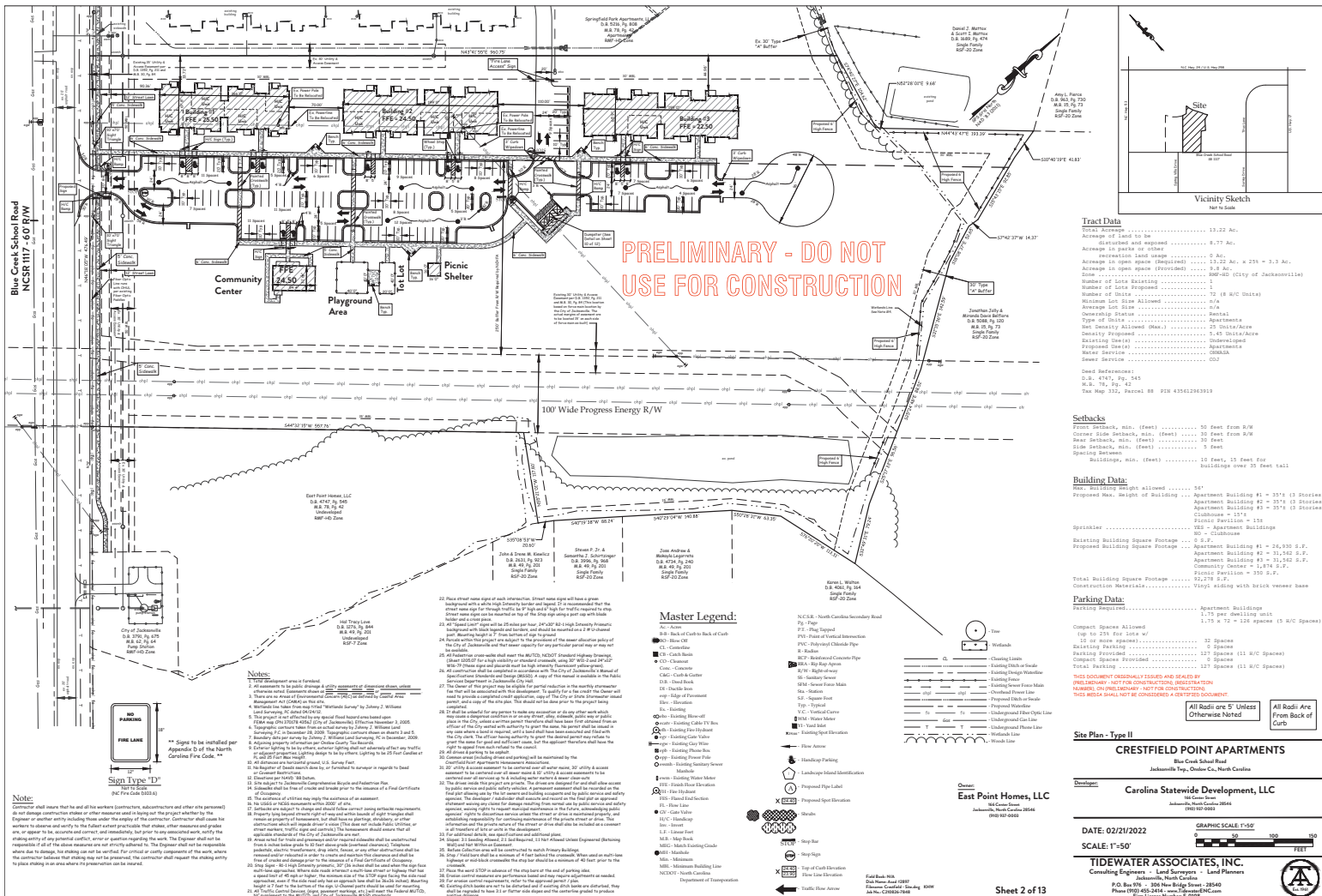


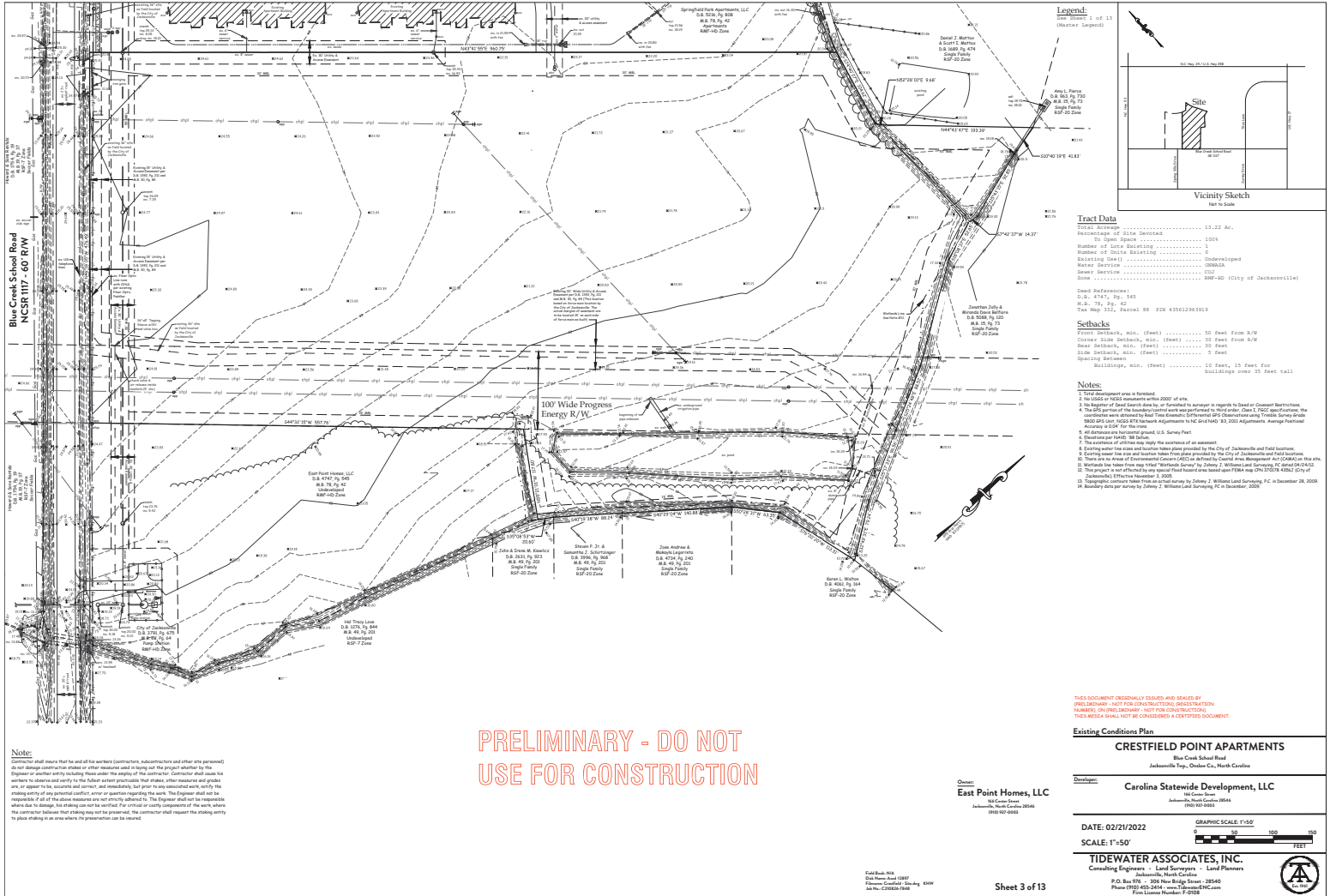
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1	Cover/Index Sheet
2	Site Plan
3	Existing Conditions Plan
4	Landscape Plan
5	Foundation Landscape Plan
6	Grading, Drainage, and Erosion & Sedimentation Control Plan
7	Water and Sewer Plan
8	Plan & Profile of Water Line "A"
9	Plan & Profile of Water Line "B"
10	Site Detail Sheet
11	Grading, Drainage, and Erosion & Sedimentation Control Detail Sheet
12	Water and Sewer Detail Sheet
13	NCC01 Detail Sheet

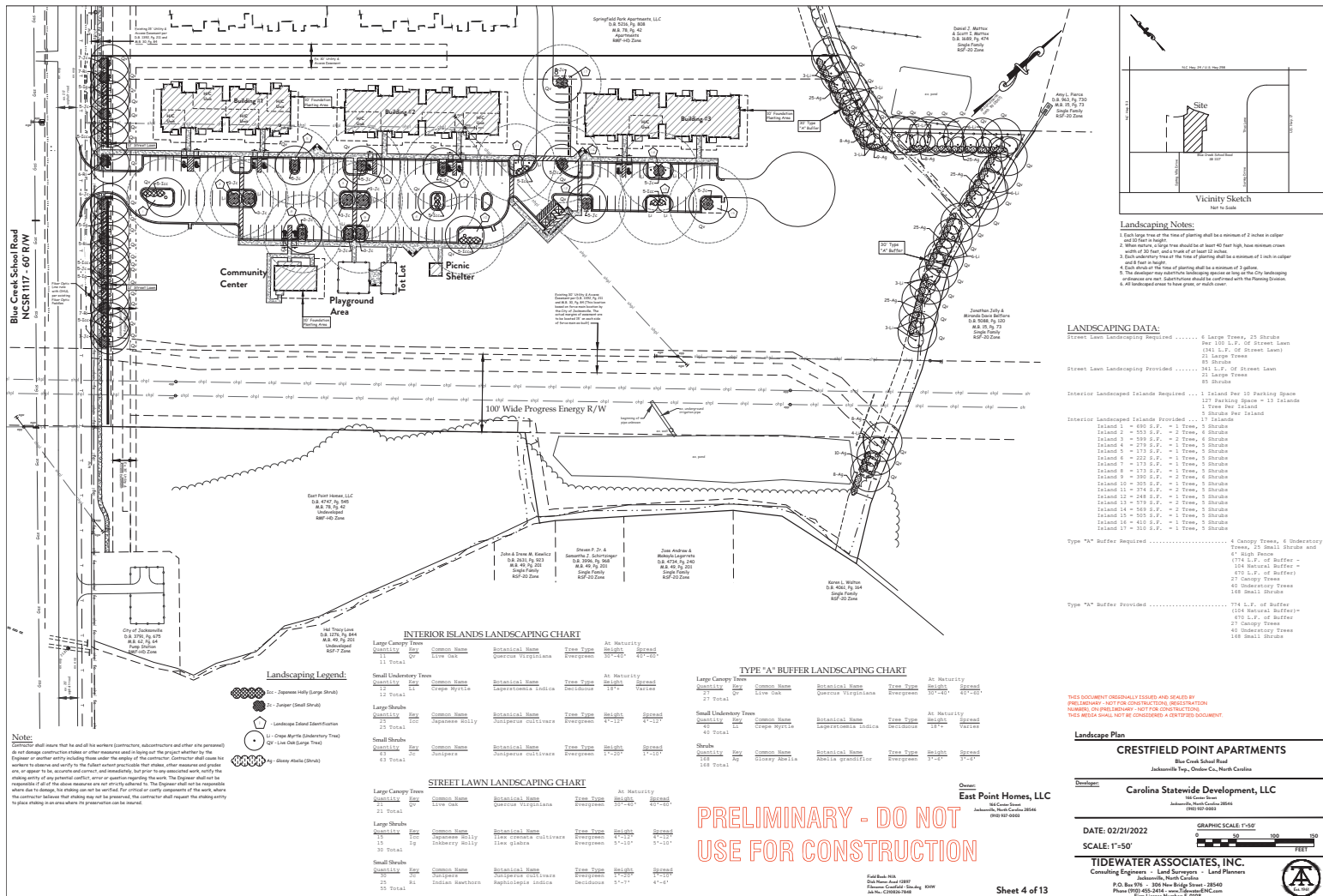
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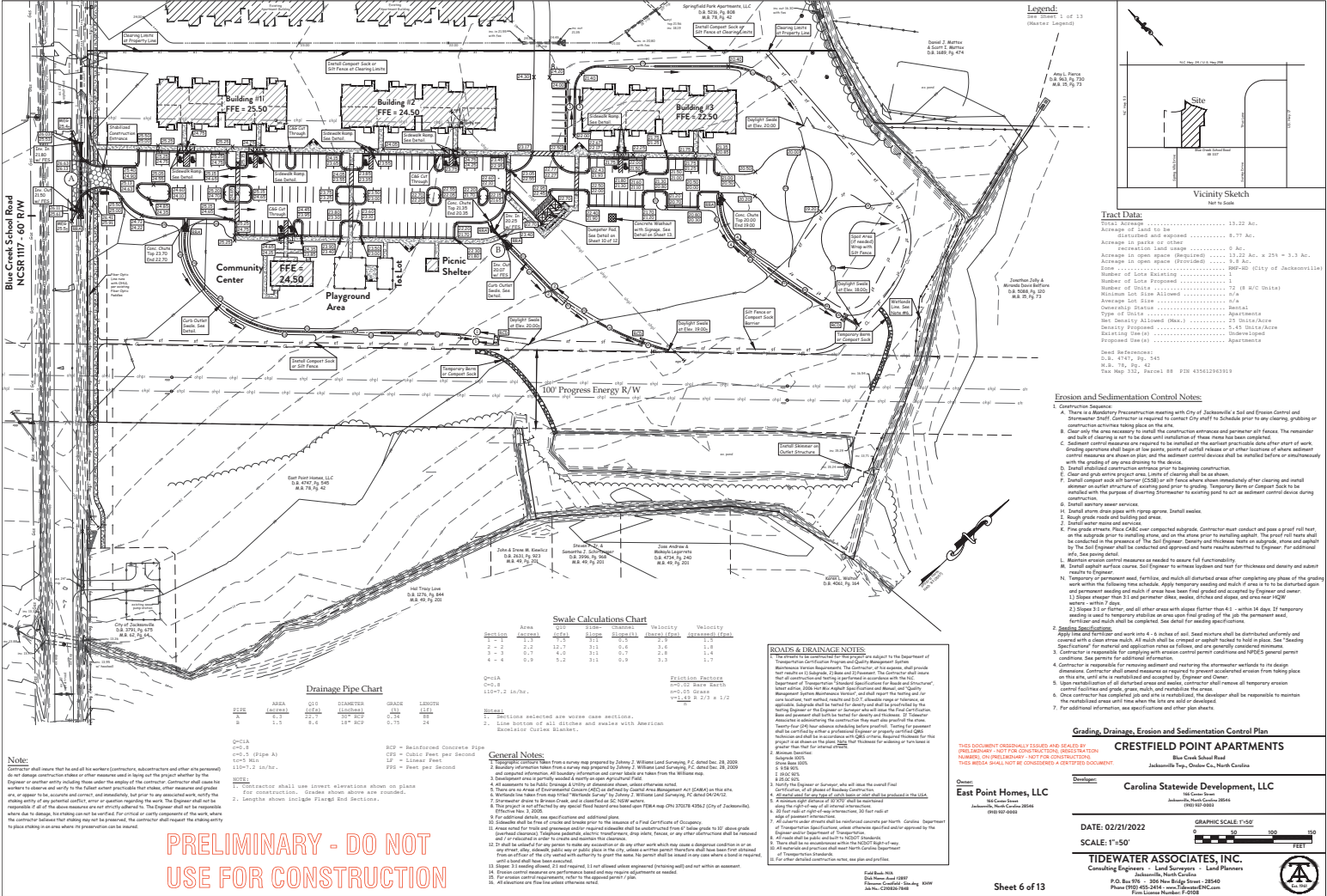
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Filename: Crestfield-Gen.dwg KHY
Job No.: C202826-7848

Sheet 1 of 13

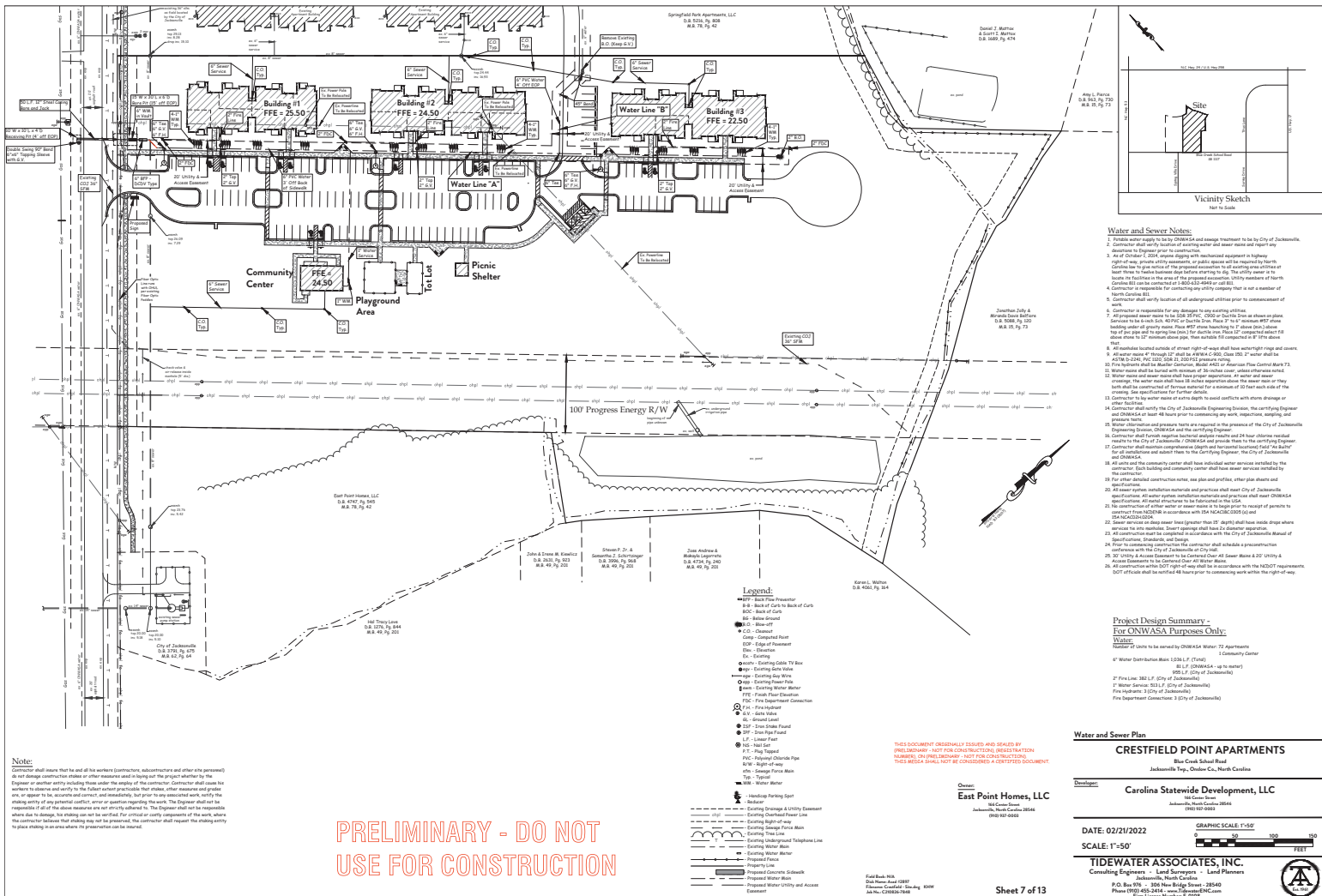






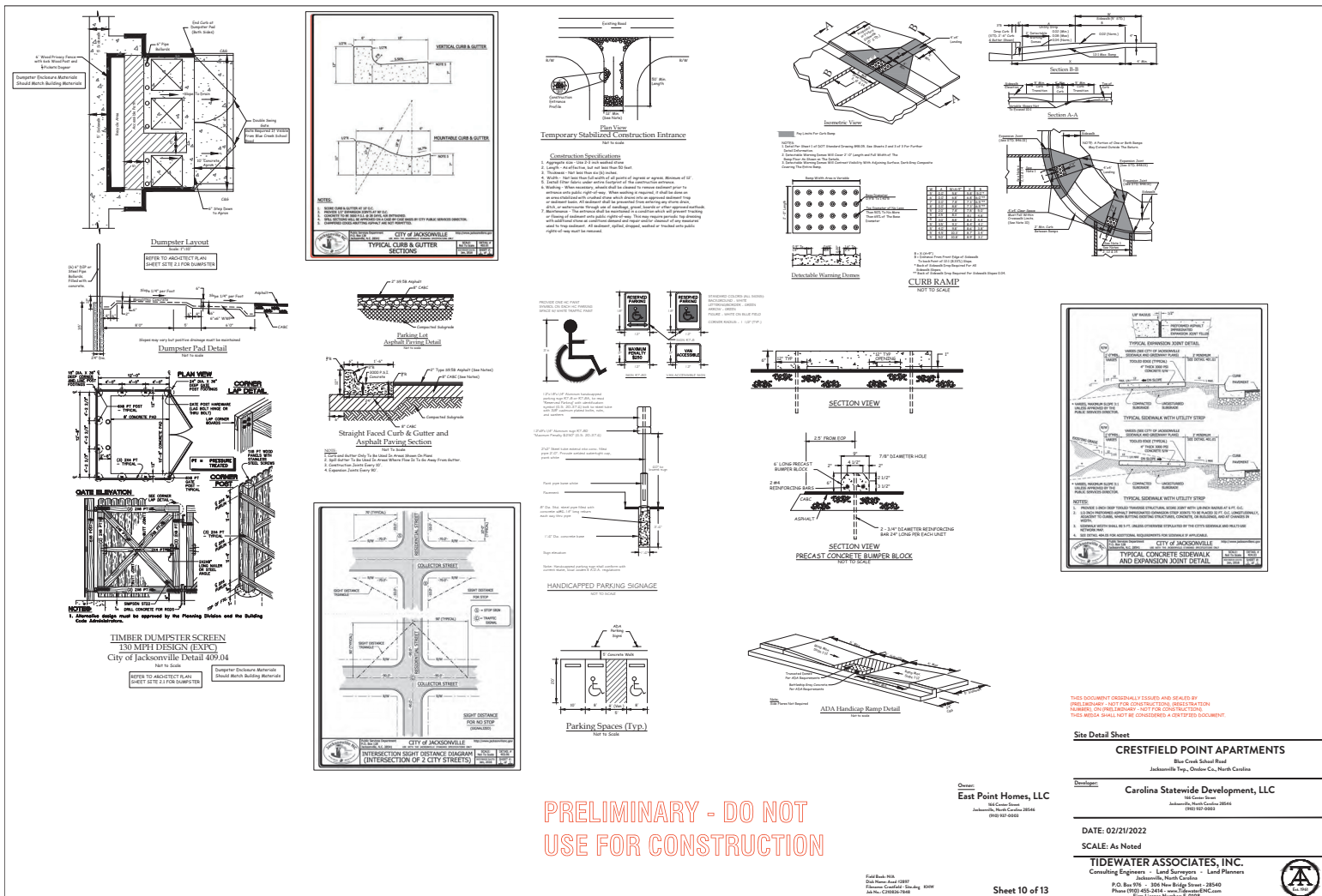


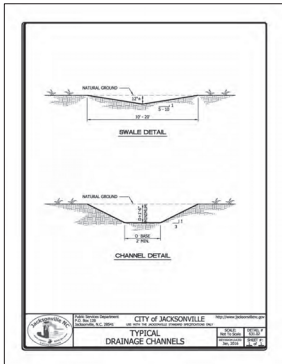
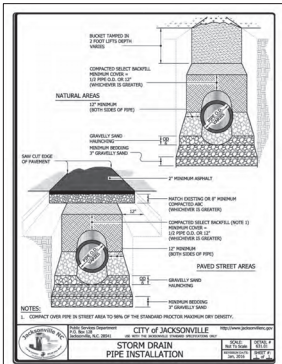
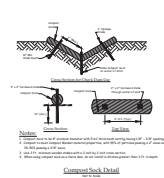
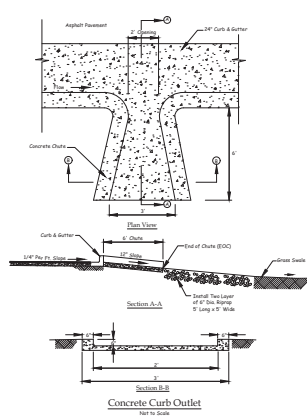
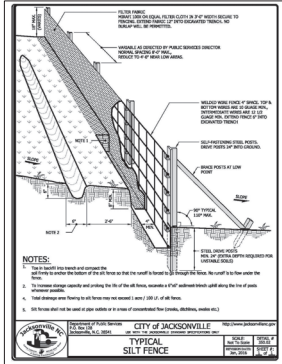
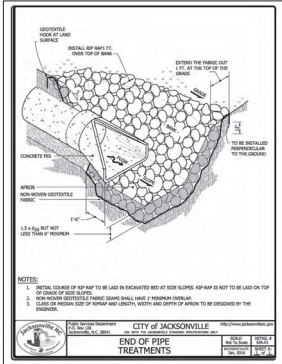
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Water and Sewer Plan	
<h2 style="margin: 0;">CRESTFIELD POINT APARTMENTS</h2> <p style="margin: 0;">Blue Crab School Road Jacksonville Twp., Osoyoos Co., North Carolina</p>	
<u>Developer:</u>	
Carolina Statewide Development, LLC <small>1546 Crane Street Jacksonville, North Carolina 28544 (910) 337-1053</small>	
DATE: 02/21/2022	GRAPHIC SCALE: 1"=50' 
TIDEWATER ASSOCIATES, INC. <small>Consulting Engineers, Land Surveyors, and Planners P.O. Box 917, 2501 New Bridge Street, 28550 Phone (910) 455-2434 • www.TideWaterENG.com</small>	
	





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East Point Homes, LLC
1845 County Road
Jacksonville, North Carolina 28540
(910) 887-0800

THIS DOCUMENT ORIGINALLY ISSUED AND REVISED BY
PROFESSIONAL ENGINEERS AND SURVEYORS
REGISTERED IN THE STATE OF NORTH CAROLINA
THIS DESIGN SHALL NOT BE CONSIDERED A CERTIFIED DOCUMENT

Grading, Drainage, Erosion and Sedimentation Control Detail Sheet

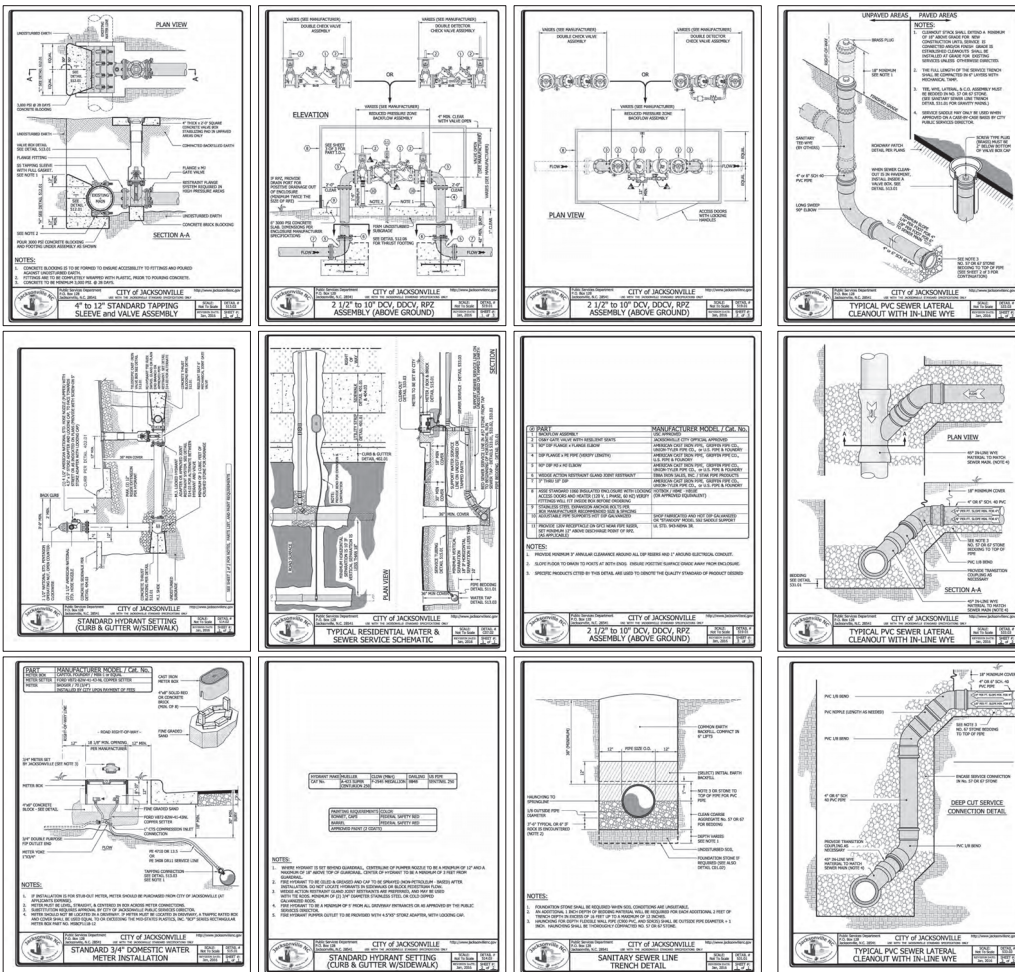
CRESTFIELD POINT APARTMENTS
Blue Creek School Road
Jacksonville, North Carolina

Carolina Statewide Development, LLC
1845 County Road
Jacksonville, North Carolina 28540
(910) 887-0800

DATE: 02/21/2022
SCALE: As Noted

TIDEWATER ASSOCIATES, INC.
Consulting Engineers - Land Surveyors - Land Planners
P.O. Box 976 - 354 New Bridge Street - 28540
Phone (910) 455-5494 - www.TWA-INC.com
Firm License Number: F-0008





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PROFESSIONAL ENGINEER AND/OR ARCHITECT FOR CONSTRUCTION. REVISIONS
NUMBERED, DATED, AND INITIALED BY THE ENGINEER OR ARCHITECT.
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Water and Sewer Detail Sheet
CRESTFIELD POINT APARTMENTS
Blue Creek School Road
Jacksonville, FL, 32216-1000
Carolina Statewide Development, LLC
1800 South
Jacksonville, FL 32216-1000
(904) 957-0000

DATE: 02/21/2022

SCALE: As Noted

TIDEWATER ASSOCIATES, INC.
Consulting Engineers - Land Surveyors - Land Planners
P.O. Box 976 - 350 New Bridge Street - 32240
Phone (904) 455-5494 - www.TidewaterINC.com
Firm License Number: F-0008



East Point Homes, LLC
1800 South
Jacksonville, FL 32216-1000
(904) 957-0000



NORTH CAROLINA
Environmental Quality

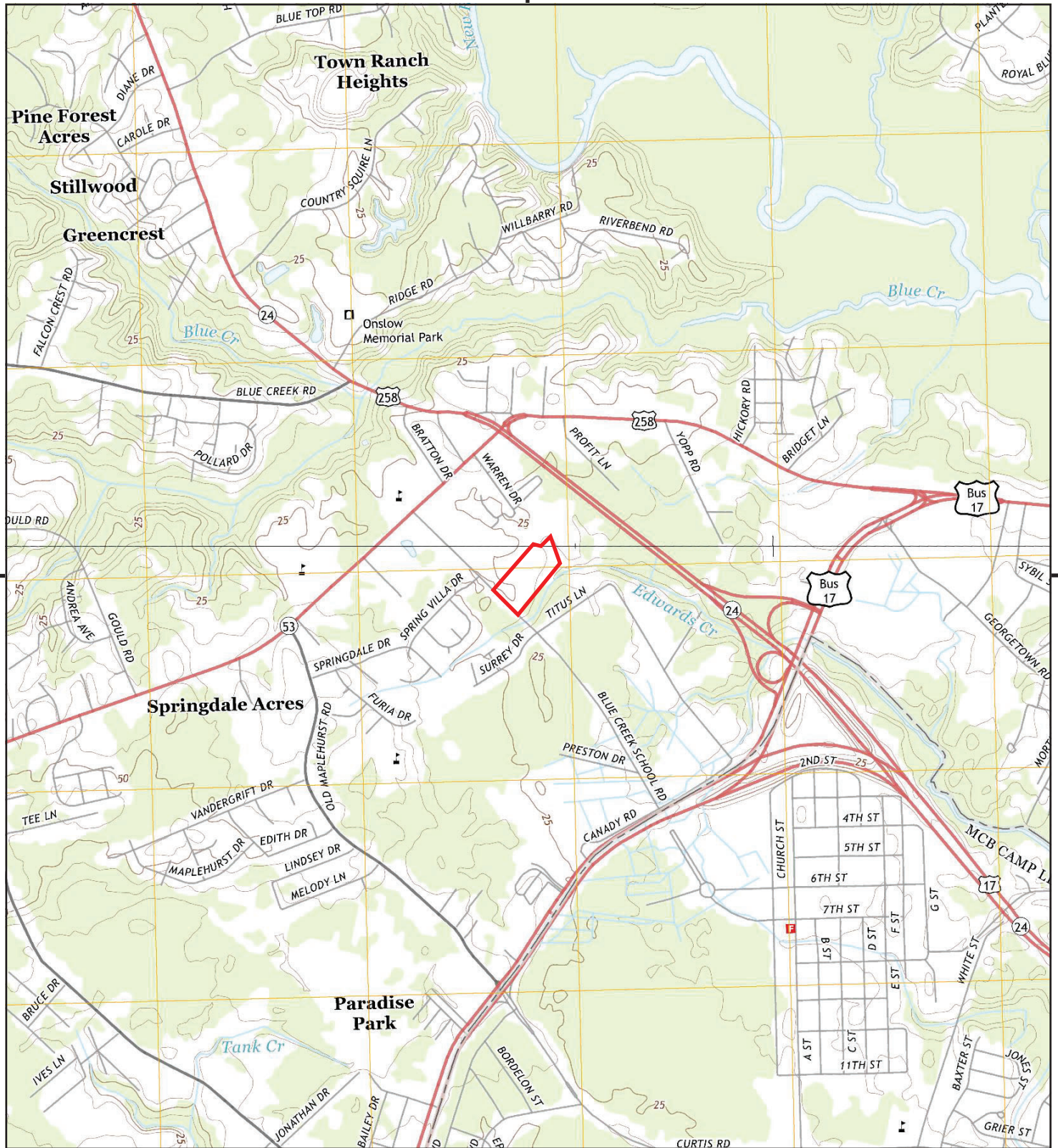
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NUMBER) ON (PRELIMINARY - NOT FOR CONSTRUCTION).
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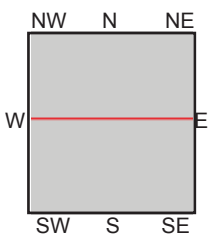
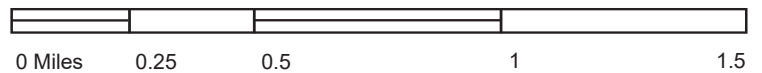
Sheet 13 of 13

ATTACHMENT 2:

Proposed Project Location, NRHP and NC HPOWEB Maps



This report includes information from the following map sheet(s).



TP, Jacksonville South, 2013, 7.5-minute
NE, Jacksonville North, 2013, 7.5-minute

SITE NAME: Blue Creek School Road
ADDRESS: Blue Creek School Road
Jacksonville, NC 28540
CLIENT: Atlantic Shores Environmental



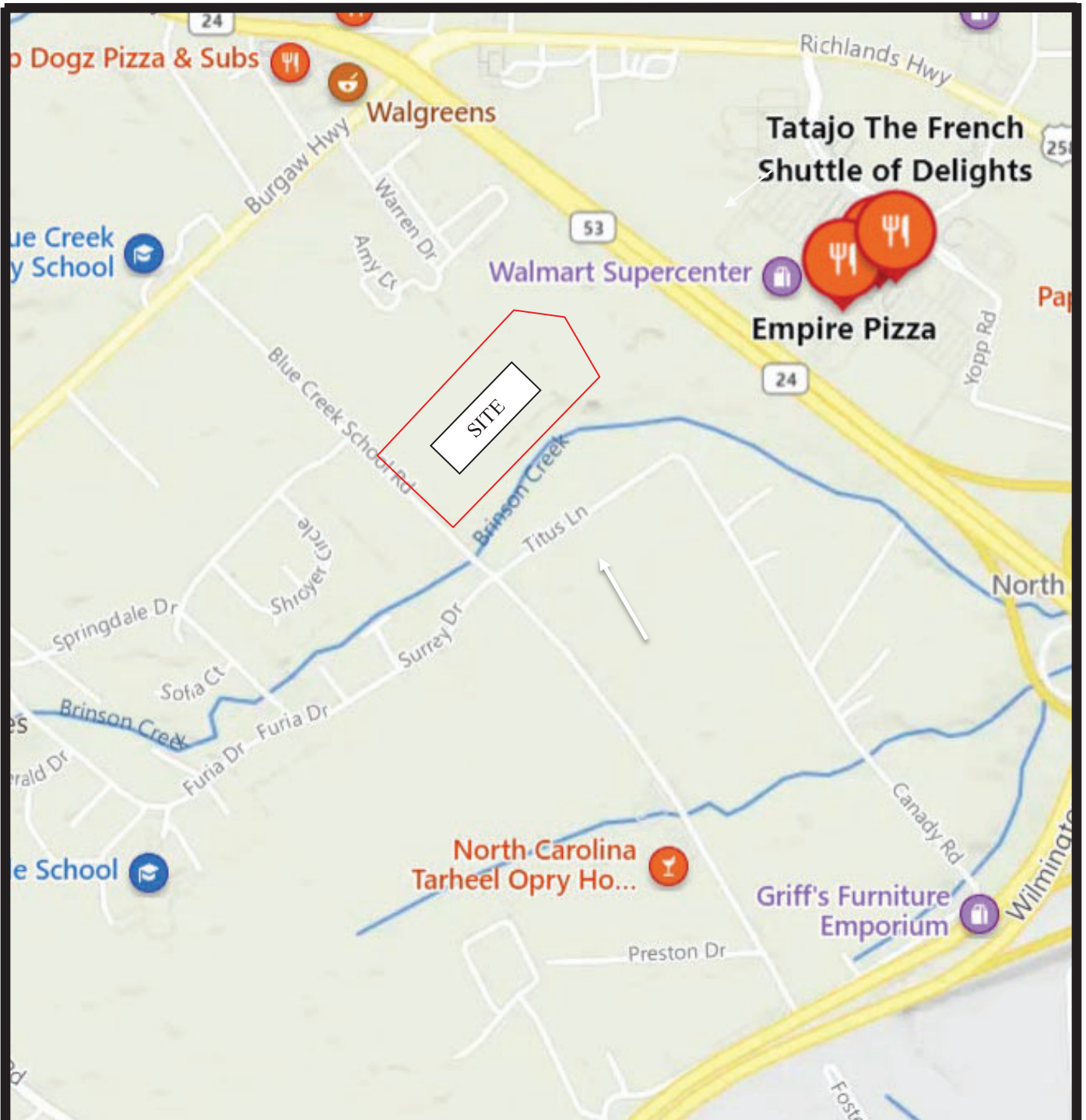


FIGURE 1: SITE MAP

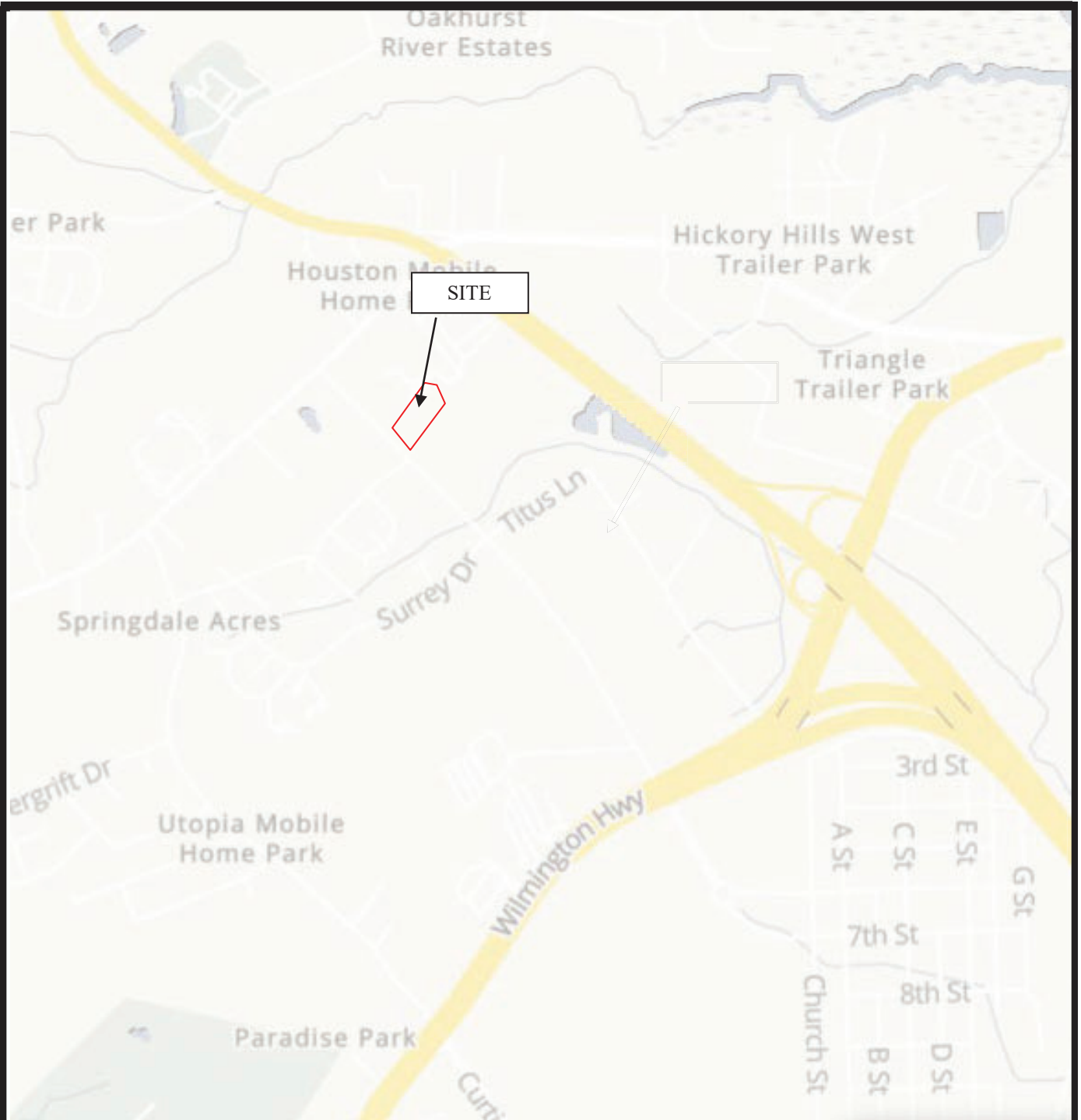
Source: Google Maps



Proposed Crestfield Point Apartments
Blue Creek School Road
Jacksonville, North Carolina



ASE Project No. 1516
January 2022



Not to scale

FIGURE 3: NATIONAL REGISTRY MAP

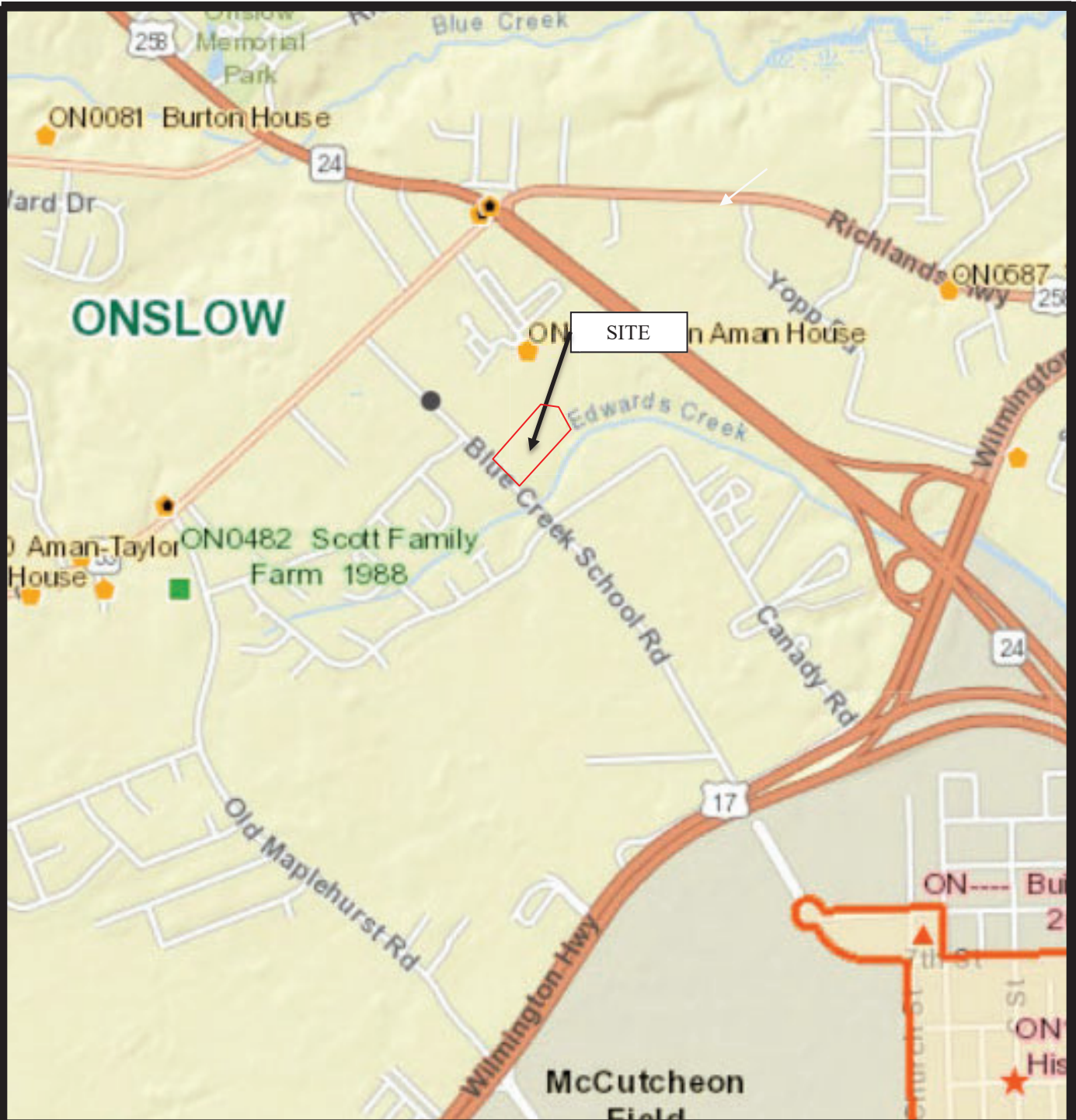
Source: National Register of Historic Places



Proposed Crestfield Point Apartments
Blue Creek School Road
Jacksonville, North Carolina



ASE Project No. 1516
January 2022



Not to scale

FIGURE 2: NC HISTORICAL PROPERTIES

Source: NC Historic Preservation Online Data



Proposed Crestfield Point Apartments
Blue Creek School Road
Jacksonville, North Carolina



ASE Project No. 1516
January 2022

ATTACHMENT 3:

Subject Property Photographs



Photograph 1 – PVC and Sewer Connection on Eastern Portion of the Site



Photograph 2 – Site facing East from Blue Creek School Road



Photograph 3 – Site from the Northern Portion of the Site facing East toward New Development



Photograph 4 – Soccer Field on the Western Adjoining Property



Photograph 5 –Connection on Southeastern Portion of the Site



Photograph 6 – Water Connection on Southeastern Portion of the Site



Photograph 7 – Sewer Connection on Southeastern Portion of the Site



Photograph 8 – Site facing Northeast from the Southeastern border



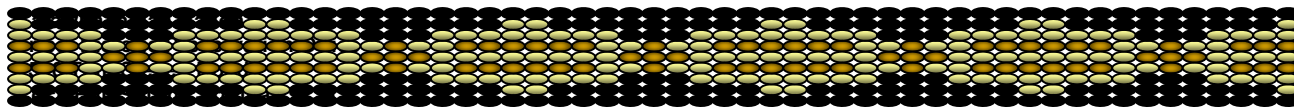
Photograph 9 – Northern Portion of the Site facing East



Photograph 10 – Wood Stockpile on Northern Portion of Site

Attachment 4

Catawba Indian Nation Response and
SHPO Response to NCHFA



Office 803-328-2427
Fax 803-328-5791

February 22, 2022

Attention: Andrea Gievers
NC Dept. of Public Safety
P.O. Box 110465
Durham, NC 27709

Re. THPO #	TCNS #	Project Description
2022-1119-8		Proposed Crestfield Point Apartments – 350 Blue Creek School Road, Jacksonville, 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 Natural and Cultural Resources
State Historic Preservation Office**

Ramona M. Bartos, Administrator

Governor Roy Cooper
Secretary D. Reid Wilson

Office of Archives and History
Deputy Secretary, Darin J. Waters, Ph.D.

January 27, 2022

MEMORANDUM

TO: Claudia Young
NC Housing and Finance Agency

csyoung@nchfa.com

FROM: Ramona M. Bartos *RMB for Ramona M. Bartos*
Deputy State Historic Preservation Officer
NC Department of Natural and Cultural Resources

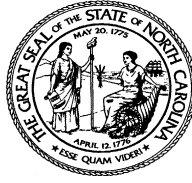
SUBJECT: Construct Crestfield Point apartments, 350 Blue Creek School Road, Jacksonville,
Onslow County, ER 22-2415

Thank you for your letter of January 7, 2022, regarding the above-referenced undertaking. We have reviewed the submittal and offer the following comments.

We have conducted a review of the project and are aware of no historic resources which would be affected by the project. Therefore, we have no comment on the project as proposed.

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@ncdcr.gov. In all future communication concerning this project, please cite the above referenced tracking number.



**North Carolina Department of Natural and Cultural Resources
State Historic Preservation Office**

Ramona M. Bartos, Administrator

Governor Roy Cooper
Secretary D. Reid Wilson

Office of Archives and History
Deputy Secretary, Darin J. Waters, Ph.D.

May 5, 2022

MEMORANDUM

TO: Andrea Gievers Andrea.L.Gievers@Rebuild.NC.Gov
N.C. Office of Recovery & Resiliency
Department of Public Safety

FROM: Ramona M. Bartos, Deputy State Historic Preservation Officer *RMB for Ramona M. Bartos*

SUBJECT: Construct Crestfield Point apartments, 350 Blue Creek School Road, Jacksonville, Onslow County, 22-E-0000-0187, ER 21-2415

Thank you for your email of March 22, 2022, regarding the above-referenced undertaking. We have reviewed the submittal and offer the following comments.

We have determined that the project as proposed will not have an effect on any historic structures.

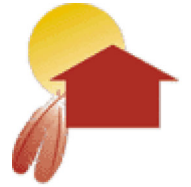
There are no known archaeological sites within the proposed project area. Based on our knowledge of the area, it is unlikely that any archaeological resources that may be eligible for inclusion in the National Register of Historic Places will be affected by the project. We, therefore, recommend that no archaeological investigation be conducted in connection with this project.

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@ncdcr.gov. In all future communication concerning this project, please cite the above referenced tracking number.



Tribal Directory Assessment Information



Contact Information for Tribes with Interests in Onslow County, North Carolina

Tribal Name					County Name		
<div> <div></div> Catawba Indian Nation </div>					Onslow		
Contact Name	Title	Mailing Address	Work Phone	Fax Number	Cell Phone	Email Address	URL
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@catawba.com	http://www.catawba indian.net/
Bill Harris	Chief	996 Avenue of the Nations Rock Hill, SC 29730	(803) 366-4792	(803) 327-4853		bill.harris@catawbaindian.net	http://www.catawba indian.net/

1 - 1 of 1 results

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North Carolina Department of Public Safety

Office of Recovery and Resiliency

Roy Cooper, Governor
Eddie M. Buffaloe, Jr., Secretary

Laura H. Hogshead, Director

January 13, 2022

Chief Bill Harris
Catawba Indian Nation
996 Avenue of the Nations
Rock Hill, SC 29730

RE: Section 106 Review - HUD CDBG-DR Program
Proposed Crestfield Point Apartments
350 Blue Creek School Road
Jacksonville, NC 28540
Parcel #332-88

Dear Chief Bill Harris:

The North Carolina Office of Recovery and Resiliency (NCORR), as a recipient of Community Development Block Grant – Disaster Recovery (CDBG-DR) funds from the United States Department of Housing and Urban Development (HUD), is serving as the responsible entity for compliance with the HUD environmental review procedures set forth in 24 CFR Part 58. NCORR is acting on behalf of HUD in providing the enclosed project information and inviting this discussion with your Nation.

NCORR processes environmental reviews for proposed projects funded with HUD CDBG-DR 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.

Mailing Address:
Post Office Box 110465
Durham, NC 27709



Phone: (984) 833-5350
www.ncdps.gov
www.rebuild.nc.gov

An Equal Opportunity Employer

Area of Potential Effects (APE) under §800.16(d): We have defined the APE as consisting of approximately 12.5 acres of the 26.5-acre tax parcel, located at 350 Blue Creek School Road, Jacksonville, NC 28540, and identified as Onslow County Parcel ID number 332-88. The proposed project location maps are included in **Attachment 2** for your review.

The State of North Carolina was adversely impacted by the landfall of Hurricanes Matthew (October 8, 2016) and Florence (September 14, 2018). These hurricanes damaged or destroyed hundreds of homes worsening the affordable housing shortage. This proposed project will increase affordable housing inventory for low- and moderate-income families.

Proposed Project Description: Crestfield Point Apartments is a proposed new construction project that will result in seventy-two (72) units of affordable living apartments in Jacksonville, NC.

We have completed an initial review of this project in compliance with Section 106 of the NHPA and its implementing regulations 36 CFR Part 800. Based on our research of the Subject Property in the National Register of Historic Places, North Carolina State Historic Preservation Office's (NC SHPO) HPOWEB, and site review performed by Atlantic Shores Environmental Services, Ltd., no publicly recorded historic properties which are locally designated or listed in or eligible for inclusion in the State or National Register of Historic Places are located on or adjacent to the Subject Property. There is the John Aman House, but this is north of the site. The results are included in **Attachment 2**.

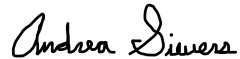
The proposed project information has been sent to the NC SHPO in accordance with Section 106 of the NHPA and its implementing regulations, 36 CFR Part 800. The Subject Property appears to have been developed as agricultural property some time prior to 1942 and has been agricultural or vacant land since according to the historic aerials. A site reconnaissance was conducted on November 16, 2021, and no structures were present on the site. The site was overgrown with vegetation. The proposed development will be a multifamily apartment complex and, therefore, typical clearing and grading will take place on the Subject Property during construction. The Subject Property photographs are included in **Attachment 3**.

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 or in writing to the address listed below.

Ms. Andrea Gievers
NCORR - Environmental
ATTN: THPO Comments
P.O. Box 110465
Durham, NC 27709

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 that reads "Andrea Gievers". The script is cursive and fluid.

Andrea Gievers, JD, MSEL, ERM
NCORR Environmental Subject Matter Expert

Enclosures:

Attachment 1: Consultant Letter

Attachment 2: Proposed Project Location, NRHP and NC HPOWEB Maps

Attachment 3: Subject Property Photographs

cc: Dr. Wenonah George Haire, THPO, Catawba Indian Nation, 1536 Tom Steven Road, Rock Hill, SC 29730

ATTACHMENT 1:

Consultant Letter



Atlantic Shores Environmental Services, Ltd

January 5, 2022

Claudia Young
551-F Pylon Road
Raleigh, North Carolina 27606

Reference: Report of No Historical Properties Affected
350 Blue Creek School Road
Jacksonville, North Carolina
ASE Project No. 1516

Ms. Young,

The site is located at 350 Blue Creek School Road and is identified as a portion of Onslow County Parcel ID number 332-88. This land is owned by East Point Homes, LLC and encompasses approximately 12.5 acres of the 26.5-acre tax parcel. The site is currently vacant land. The parcel is located on Blue Creek School Road in Jacksonville, Onslow County, North Carolina and has frontage along Blue Creek School Road to the south. Crestfield Park Apartments is a new construction project that will result in seventy-two (72) units of affordable living apartments in Jacksonville, North Carolina. See the attached figures for maps of the area and site.

ASE utilized EDR package historic aerials, topographic maps, city directories, and Sanborn maps during the Phase I Environmental Assessment conducted in accordance with ASTM E1527-13 and ASTM E1527-21. Other databases utilized for historic research include:

- Onslow County Registry of Deeds.
- Physiography of North Carolina, compiled by the North Carolina Geological Society, dated 2004.
- NCDEQ Records Review
- User Questionnaire prepared by James Maides
- Google Earth Historic Aerials
- Historicsites.nc.gov
- Interactive Map of the National Register of Historic Places in North Carolina
- National Register of Historic Places


The site appears to have been developed as agricultural property some time prior to 1942 and has been agricultural or vacant land since according to the historic aerials. A site reconnaissance was conducted on November 16, 2021, and no structures were present on the site. The site was overgrown with vegetation. North Carolina Historic Sites map shows no historic sites or buildings

on the site. There is the John Aman House, but this is north of the site. Based on our investigation, no historic properties will be affected from this project.

ASE appreciates the opportunity to provide our environmental consulting services to you on this project. If there are questions regarding this report, or a need for further information, please contact us at 910-371-5980.

Sincerely,

ATLANTIC SHORES ENVIRONMENTAL SERVICES, LTD.



Cheryl J. Moody, PE, REM
Principal Engineer



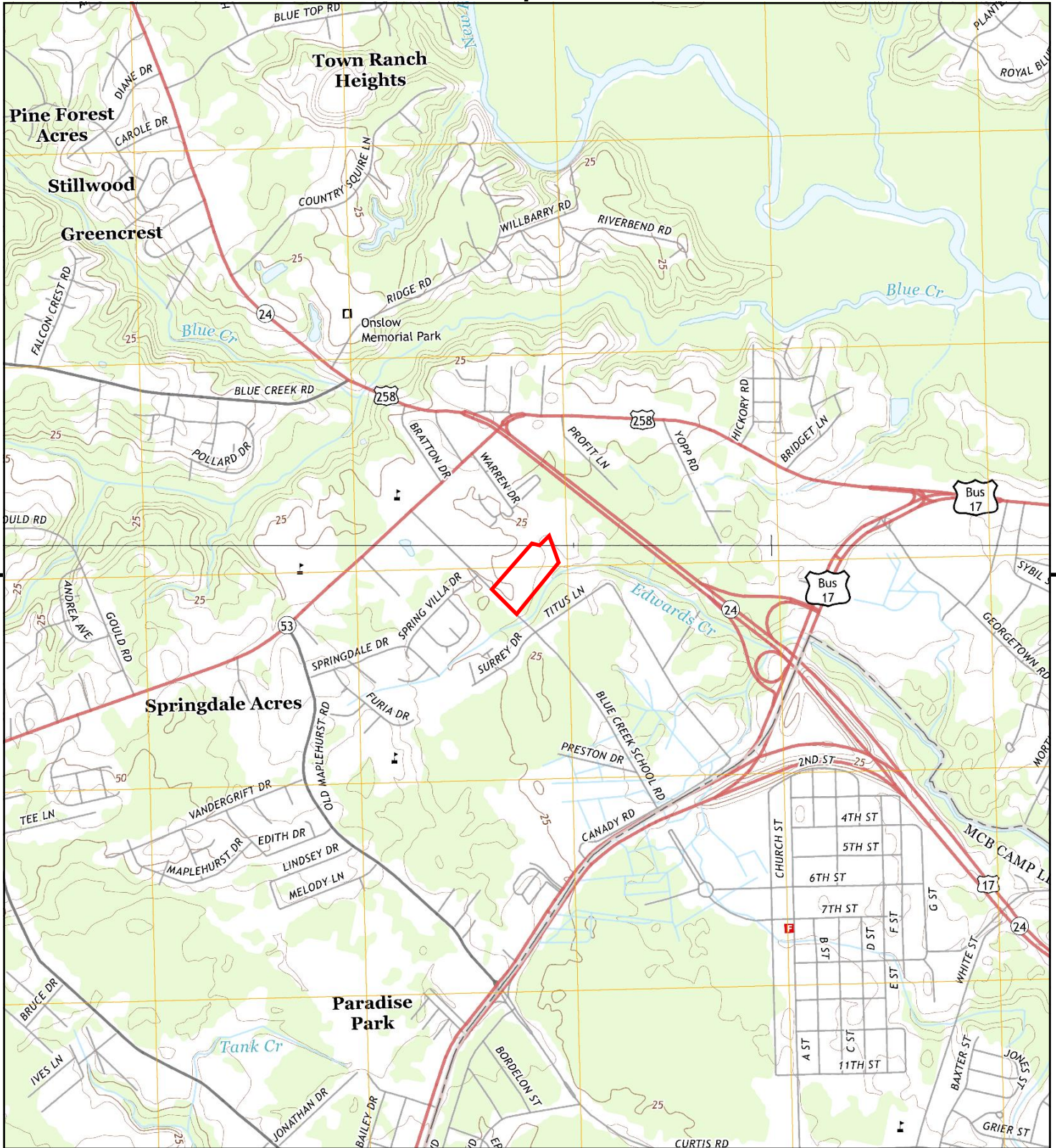
Daniel J. Schiwinger
Staff Scientist

Attachments: USGS Quad Map
Figures
Site Photographs

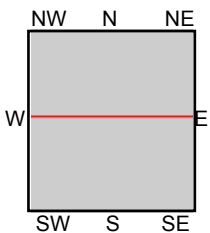
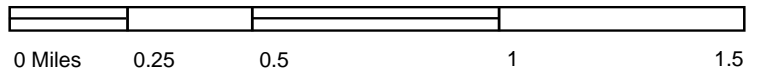


ATTACHMENT 2:

Proposed Project Location, NRHP and NC HPOWEB Maps



This report includes information from the following map sheet(s).



TP, Jacksonville South, 2013, 7.5-minute
NE, Jacksonville North, 2013, 7.5-minute

SITE NAME: Blue Creek School Road
ADDRESS: Blue Creek School Road
Jacksonville, NC 28540
CLIENT: Atlantic Shores Environmental



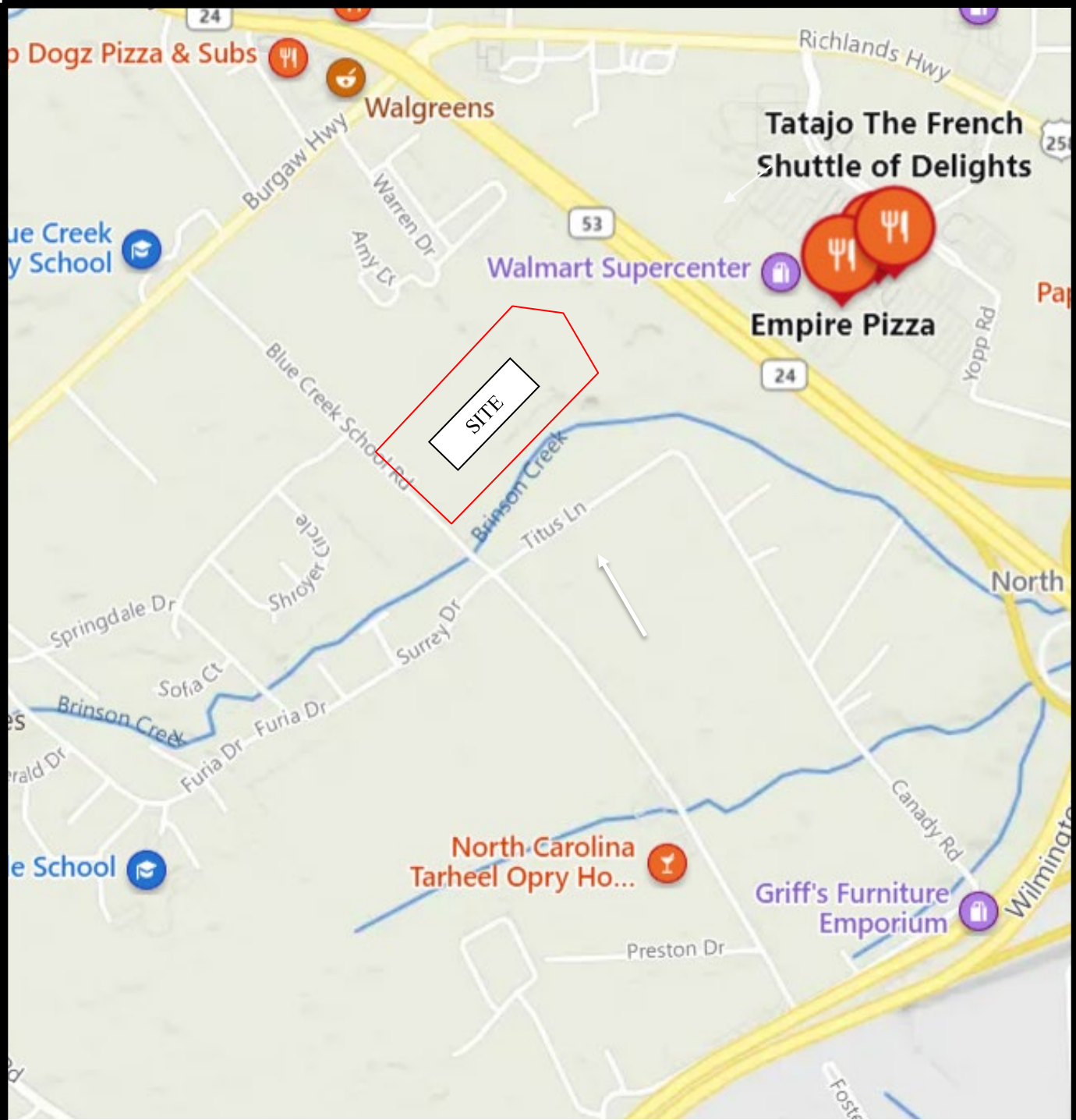


FIGURE 1: SITE MAP

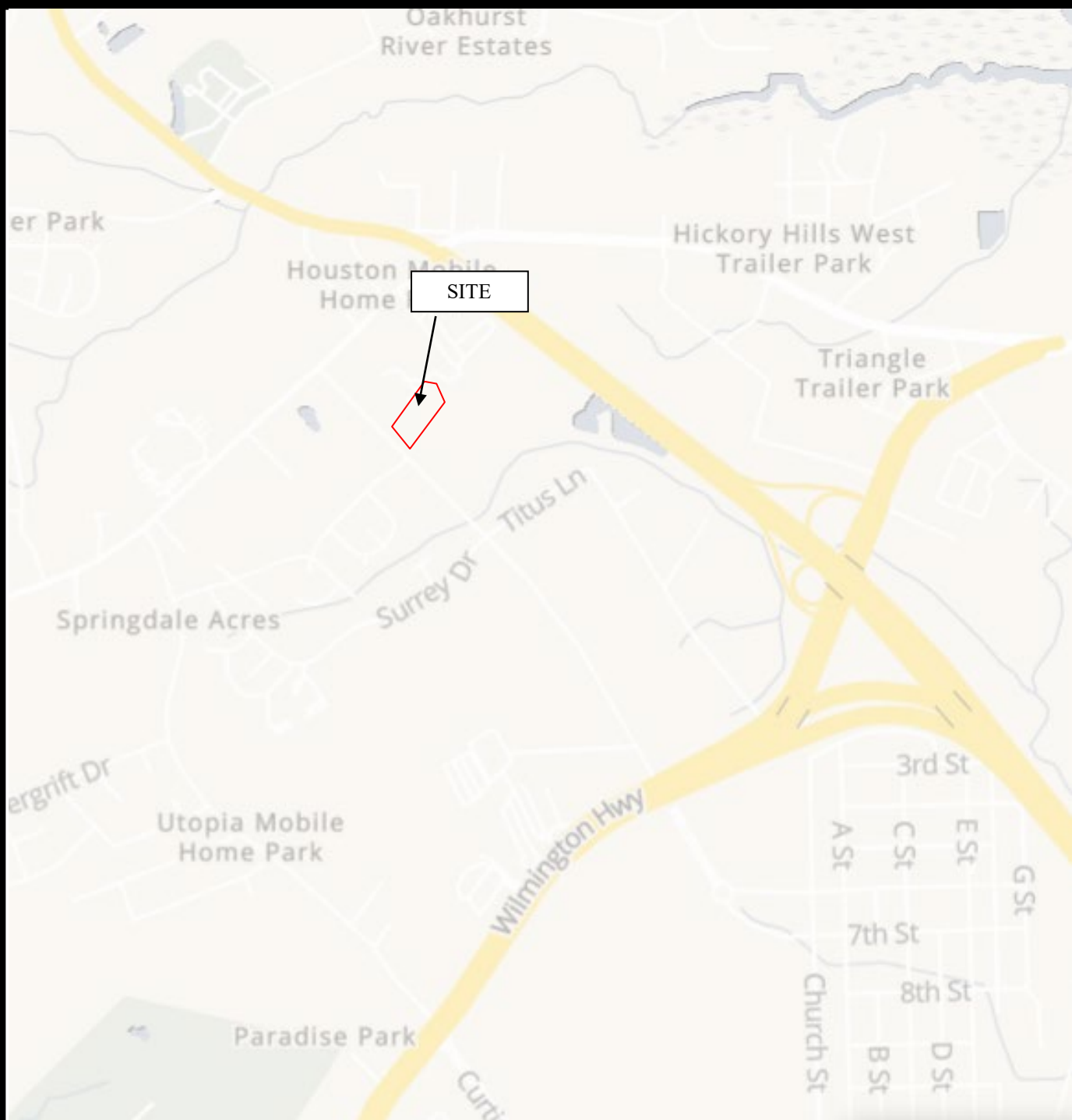
Source: Google Maps



Proposed Crestfield Point Apartments
Blue Creek School Road
Jacksonville, North Carolina



ASE Project No. 1516
January 2022



Not to scale

FIGURE 3: NATIONAL REGISTRY MAP

Source: National Register of Historic Places



Proposed Crestfield Point Apartments
Blue Creek School Road
Jacksonville, North Carolina



ASE Project No. 1516
January 2022



Not to scale

FIGURE 2: NC HISTORICAL PROPERTIES

Source: NC Historic Preservation Online Data



Proposed Crestfield Point Apartments
Blue Creek School Road
Jacksonville, North Carolina



ASE Project No. 1516
January 2022

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Photograph 8 – Site facing Northeast from the Southeastern border



Photograph 9 – Northern Portion of the Site facing East



Photograph 10 – Wood Stockpile on Northern Portion of Site



North Carolina Department of Public Safety

Office of Recovery and Resiliency

Roy Cooper, Governor
Eddie M. Buffaloe, Jr., Secretary

Laura H. Hogshead, Director

January 13, 2022

Dr. Wenonah George Haire
ATTN: THPO
Catawba Indian Nation
1536 Tom Steven Road
Rock Hill, SC 29730

RE: Section 106 Review - HUD CDBG-DR Program
Proposed Crestfield Point Apartments
350 Blue Creek School Road
Jacksonville, NC 28540
Parcel #332-88

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Mailing Address:
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An Equal Opportunity Employer

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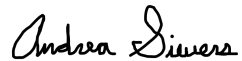
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NCORR Environmental Subject Matter Expert

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January 5, 2022

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551-F Pylon Road
Raleigh, North Carolina 27606

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Jacksonville, North Carolina
ASE Project No. 1516

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ATLANTIC SHORES ENVIRONMENTAL SERVICES, LTD.



Cheryl J. Moody, PE, REM
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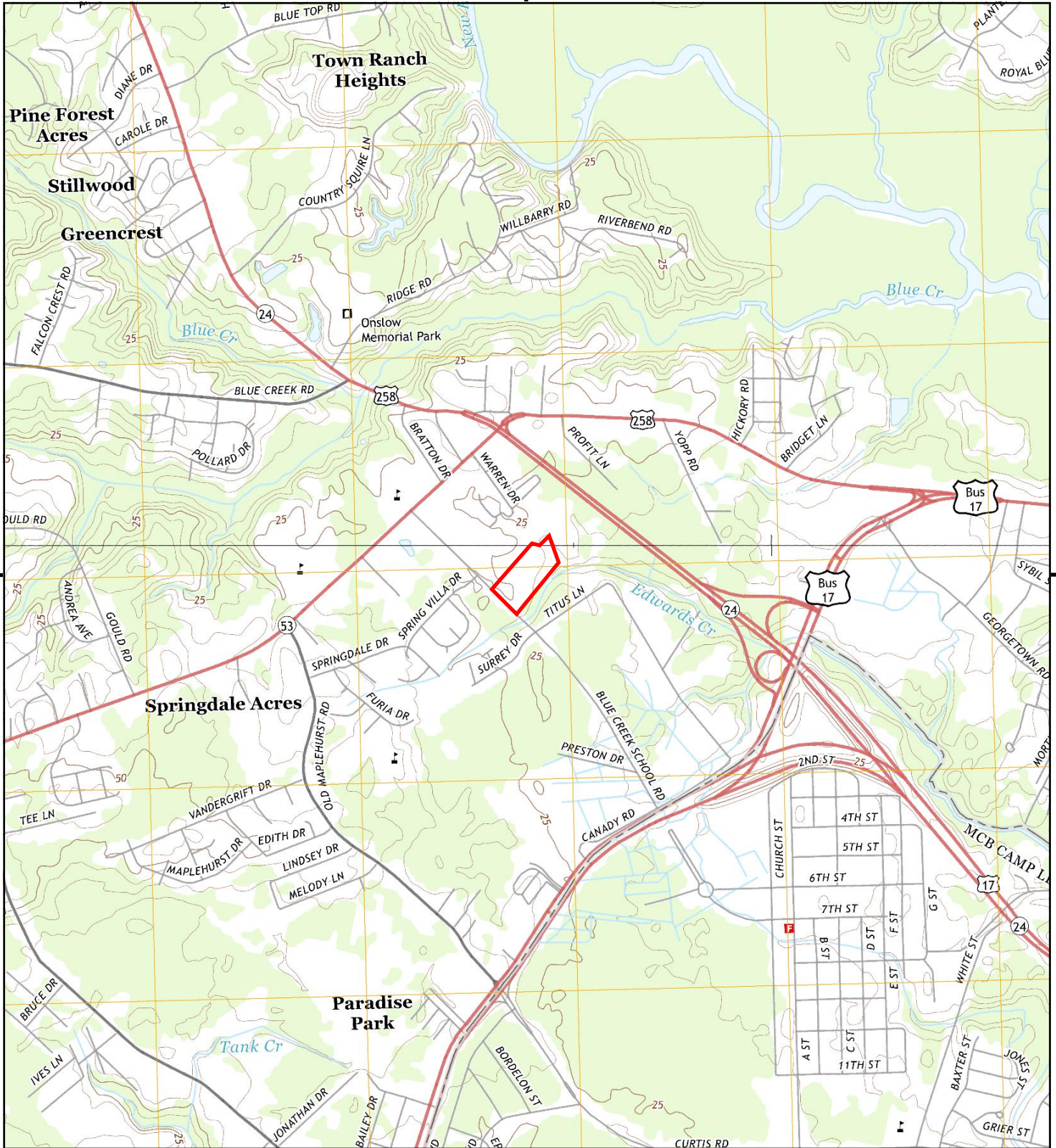
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Staff Scientist

Attachments: USGS Quad Map
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Site Photographs

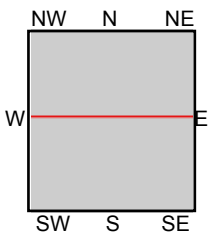


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CLIENT: Atlantic Shores Environmental



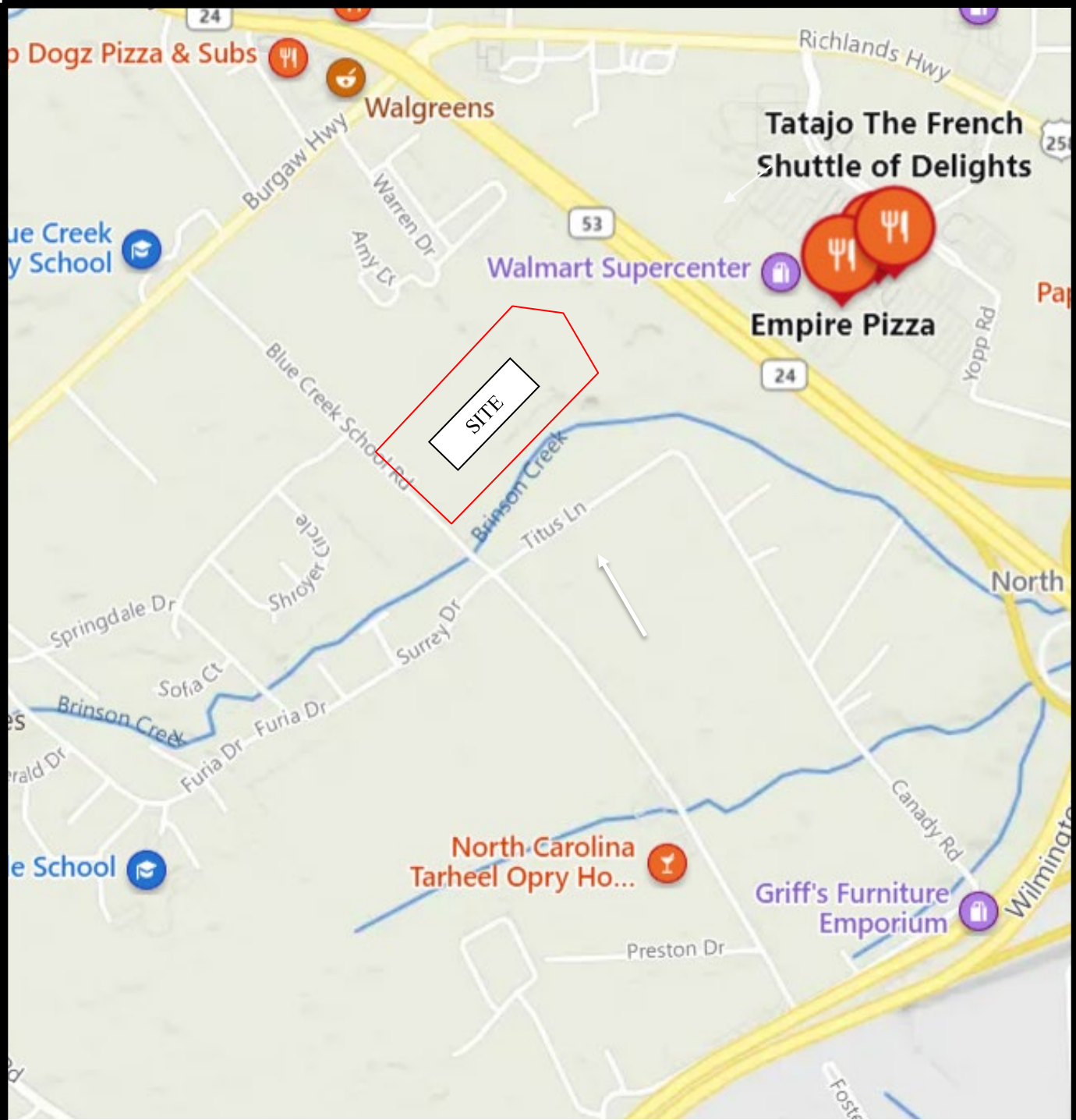


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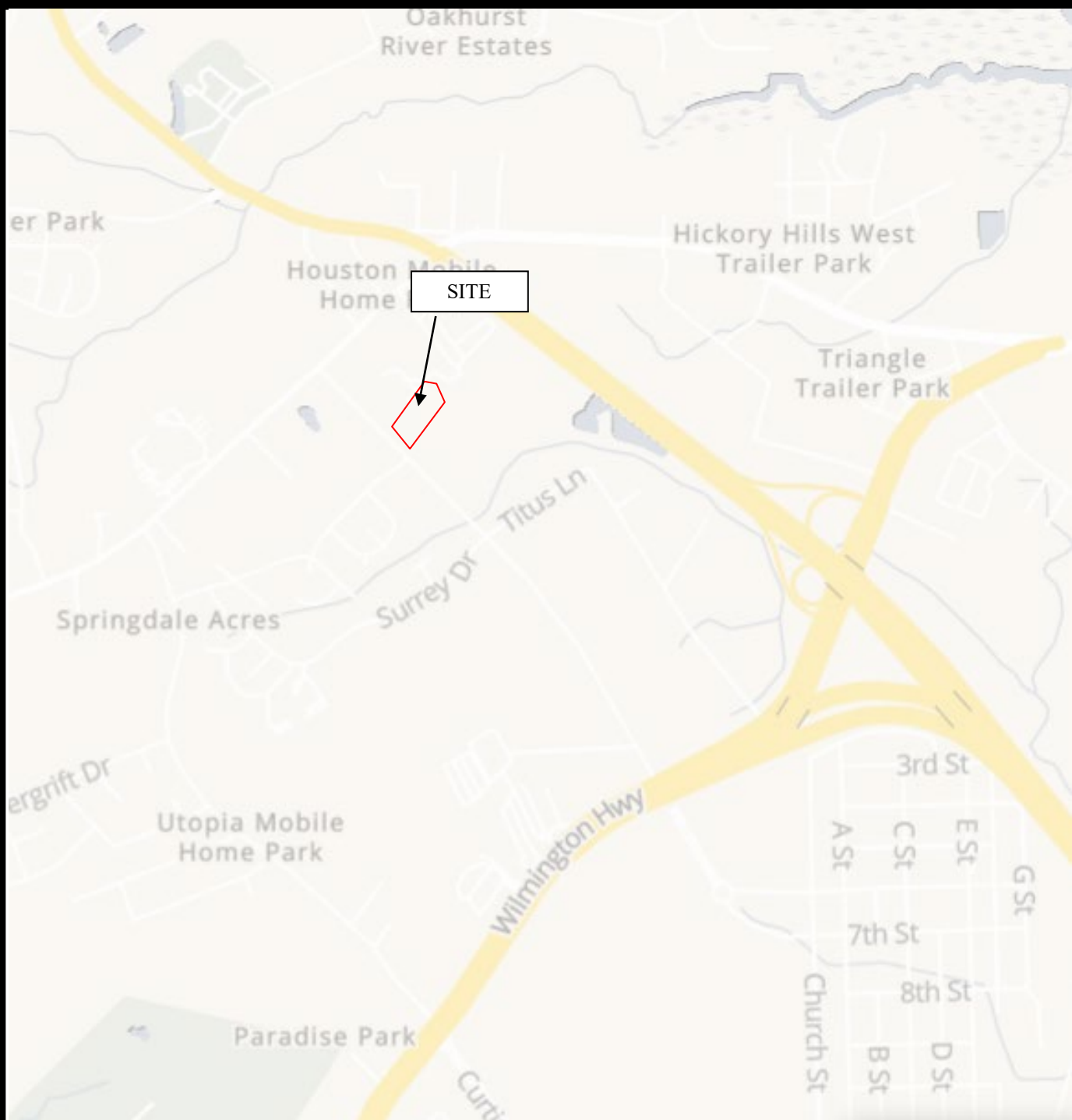
Source: Google Maps



Proposed Crestfield Point Apartments
Blue Creek School Road
Jacksonville, North Carolina



ASE Project No. 1516
January 2022



Not to scale

FIGURE 3: NATIONAL REGISTRY MAP

Source: National Register of Historic Places



Proposed Crestfield Point Apartments
Blue Creek School Road
Jacksonville, North Carolina



ASE Project No. 1516
January 2022



Not to scale

FIGURE 2: NC HISTORICAL PROPERTIES

Source: NC Historic Preservation Online Data



Proposed Crestfield Point Apartments
Blue Creek School Road
Jacksonville, North Carolina



ASE Project No. 1516
January 2022

ATTACHMENT 3:

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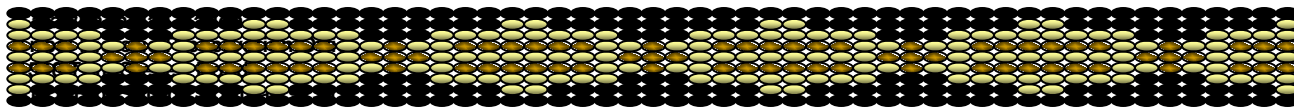
Photograph 8 – Site facing Northeast from the Southeastern border



Photograph 9 – Northern Portion of the Site facing East



Photograph 10 – Wood Stockpile on Northern Portion of Site



Office 803-328-2427
Fax 803-328-5791

February 22, 2022

Attention: Andrea Gievers
NC Dept. of Public Safety
P.O. Box 110465
Durham, NC 27709

Re. THPO #	TCNS #	Project Description
2022-1119-8		Proposed Crestfield Point Apartments – 350 Blue Creek School Road, Jacksonville, NC

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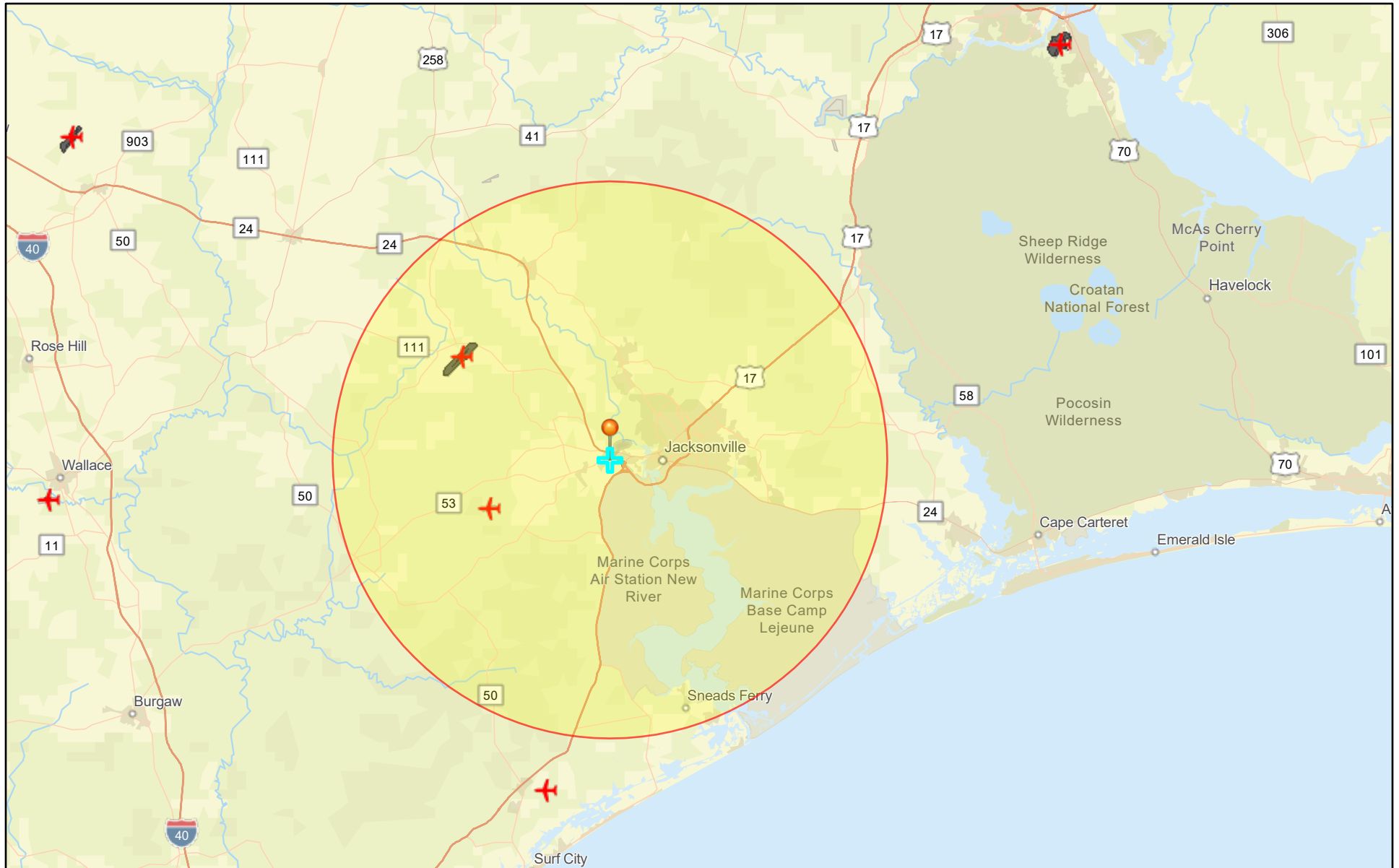
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If you have questions please contact Caitlin Rogers at 803-328-2427 ext. 226, or e-mail Caitlin.Rogers@catawba.com.

Sincerely,

Wenonah G. Haire
Tribal Historic Preservation Officer

Crestfield Point Apartments - 15 Mile Buffer



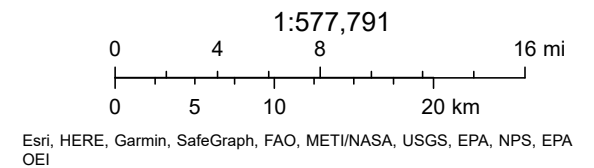
June 20, 2022

 Project Buffer

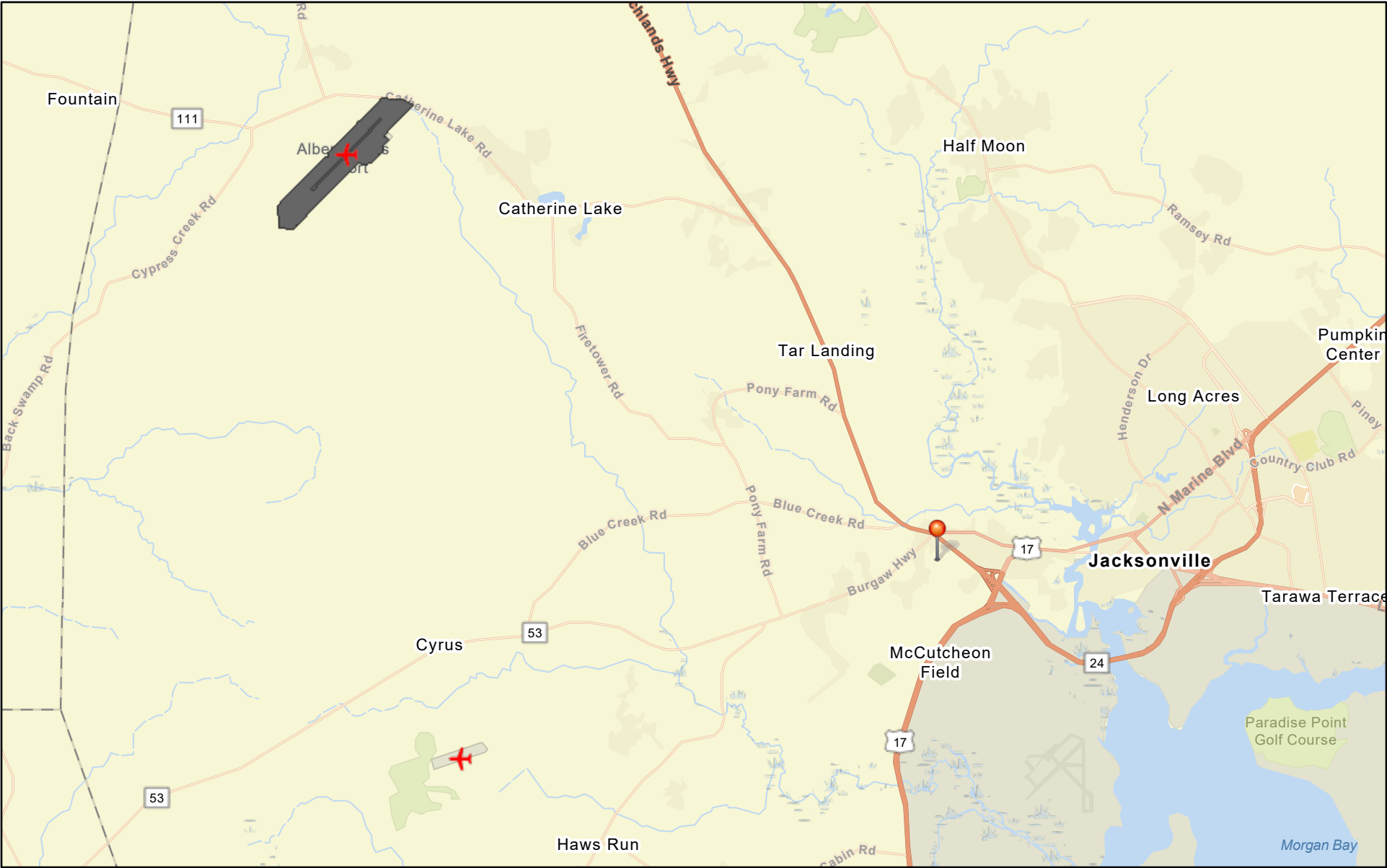
 Crestfield Point Apartments - 15 Mile Buffer

 Airport Points

 Airport Polygons



Crestfield Point Apartments - Albert J Ellis Airport



June 20, 2022



Crestfield Point Apartments

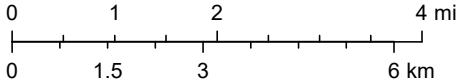


Airport Points



Airport Polygons

1:144,448



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

Paperwork Reduction Act Statement

A federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with a collection of information subject to the requirements of the Paperwork Reduction Act unless that collection of information displays a currently valid OMB Control Number. The OMB Control Number for this information collection is 2120-0015. Public reporting for this collection of information is estimated to be approximately 60 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, completing and reviewing the collection of information. All responses to this collection of information are mandatory per 49 USC 329(b) and U.S. Code Title 49 Section 47130. The data is critical to aviation safety and will be published in flight information handbooks and charts for pilot use. The data is also necessary for airspace studies conducted under 49 USC 329(b). The data is public in nature and is the agency's source for the information used in aeronautical charts and flight information publications. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: Information Collection Clearance Officer, Federal Aviation Administration, 10101 Hillwood Parkway, Fort Worth, TX 76177-1524.

OMB CONTROL NUMBER: 2120-0015
EXPIRATION DATE: 4/30/2023

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

PRINT DATE: 06/17/2022
AFD EFF 06/16/2022
FORM APPROVED OMB 2120-0015

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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FEDERAL AVIATION ADMINISTRATION

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

> 1 ASSOC CITY:

JACKSONVILLE

> 2 AIRPORT NAME:

ALBERT J ELLIS

3 CBD TO AIRPORT (NM):

10 NW

4 STATE:

NC

6 REGION/ADO:

ASO /MEM

LOC ID:

OAJ

5 COUNTY:

ONSLOW, NC

7 SECT AERO CHT:

CHARLOTTE

FAA SITE NR:

16815.1*A

GENERAL

18 OWNERSHIP:

PUBLIC

> 11 OWNER:

ONSLOW COUNTY

> 12 ADDRESS:

234 NW CORRIDOR BLVD
JACKSONVILLE, NC 28540

> 13 PHONE NR:

910-347-4717

> 14 MANAGER:

CHRISTOPHER WHITE

> 15 ADDRESS:

264 ELLIS AIRPORT RD
RICHLANDS, NC 28574

> 16 PHONE NR:

910-324-1100

> 17 ATTENDANCE SCHEDULE:

MONTHS

DAYS

HOURS

ALL

ALL

0500-2400

18 AIRPORT USE:

PUBLIC

19 ARPT LAT:

34-49-45N ESTIMATED

20 ARPT LONG:

77-36-43.7W

21 ARPT ELEV:

92.9 SURVEYED

22 ACREAGE:

675

> 23 RIGHT TRAFFIC:

NO

> 24 NON-COMM LANDING:

NO

25 NPIAS/FED AGREEMENTS:

YES / NGY

> 26 FAR 139 INDEX:

I B S 05/1973

SERVICES

> 70 FUEL:

100LL A

> 71 AIRFRAME RPRS:

MAJOR

> 72 PWR PLANT RPRS:

MAJOR

> 73 BOTTLE OXYGEN:

NONE

> 74 BULK OXYGEN:

NONE

75 TSNT STORAGE:

HGR TIE

76 OTHER SERVICES:

INSTR,RNTL,SALES

FACILITIES

> 80 ARPT BCN:

CG

> 81 ARPT LGT SKED:

SEE RMK

BCN LGT SKED:

SS-SR

> 82 UNICOM:

122.950

> 83 WIND INDICATOR:

YES-L

84 SEGMENTED CIRCLE:

YES

85 CONTROL TWR:

YES

86 FSS:

RALEIGH

87 FSS ON ARPT:

NO

88 FSS PHONE NR:

89 TOLL FREE NR:

1-800-WX-BRIEF

BASED AIRCRAFT

90 SINGLE ENG:

22

91 MULTI ENG:

1

92 JET:

0

93 HELICOPTERS:

3

TOTAL:

26

94 GLIDERS:

0

95 MILITARY:

0

96 ULTRA-LIGHT:

0

OPERATIONS

100 AIR CARRIER:

6,722

102 AIR TAXI:

2,797

103 G A LOCAL:

4,218

104 G A ITNRNT:

5,478

105 MILITARY:

10,329

TOTAL:

29,544

OPERATIONS FOR 12 MONTHS ENDING

05/31/2021

RUNWAY DATA

> 30 RUNWAY IDENT:

> 31 LENGTH:

7,100

> 32 WIDTH:

150

> 33 SURF TYPE-COND:

ASPH-G

> 34 SURF TREATMENT:

GRVD

35 GROSS WT:

S

36 (IN THSDS)

D

37

2D

38

2D/2DS

> 39 PCN / PCR:

51/F/AW/T (PCN)

LIGHTING/APCH AIDS

> 40 EDGE INTENSITY:

HIGH

> 42 RWY MARK TYPE-COND:

PIR- G / PIR- G

> 43 VGSi:

P4L / P4L

44 THR CROSSING HGT:

55 / 47

45 VISUAL GLIDE ANGLE:

3.00 / 3.00

> 46 CNTRLN-TDZ:

- / -

> 47 RVR-RVV:

- / -

> 48 REIL:

/ Y

> 49 APCH LIGHTS:

MALSR /

OBSTRUCTION DATA

50 FAR 77 CATEGORY:

PIR / PIR

> 51 DISPLACED THR:

/

> 52 CTLG OBSTN:

/

> 53 OBSTN MARKED/LGTD:

/

> 54 HGT ABOVE RWY END:

/

> 55 DIST FROM RWY END:

0 / 0

> 56 CNTRLN OFFSET:

/

57 OBSTN CLNC SLOPE:

50:1 / 50:1

58 CLOSE-IN OBSTN:

N / N

DECLARED DISTANCES

> 60 TAKE OFF RUN AVBL (TORA):

/

> 61 TAKE OFF DIST AVBL (TODA):

/

> 62 ACLT STOP DIST AVBL (ASDA):

/

> 63 LNDG DIST AVBL (LDA):

/

> 110 REMARKS:

A 026 CLSD TO UNSKED ACR OPNS WITH MORE THAN 30 PSGR SEATS EXCP PPR CALL AMGR 910-324-1100 OR 910-989-3168.

A 070 FOR FUEL OTHER HRS CALL 910-347-8366.

A 081 ACTVT MALSR RWY 05; REIL RWY 23; PAPI RWY 05 & 23; HIRL RWY 05/23 - CTAF.

A 110-001 180 DEG TURNS ON RWY 05/23 NA FOR ACFT 60000 LBS AND OVER.

A 110-003 CLSD TO ALL MIL ACFT OVER 17000 LBS FOR ACR RAMP OPNS EXCP 24 HR PPR. CALL AMGR 910-324-1100 OR 910-989-3168.

A 110-005 INDEX B ARFF COVERAGE PROVIDED DURING COMMERCIAL AIR TRC OPS. INDEX C AVAILABLE UPON REQ.

A 110-006 FIELD CONDITIONS NOT MONITORED 0000LCL-0500LCL DAILY.

111 INSPECTOR:


(S)

112 LAST INSP:

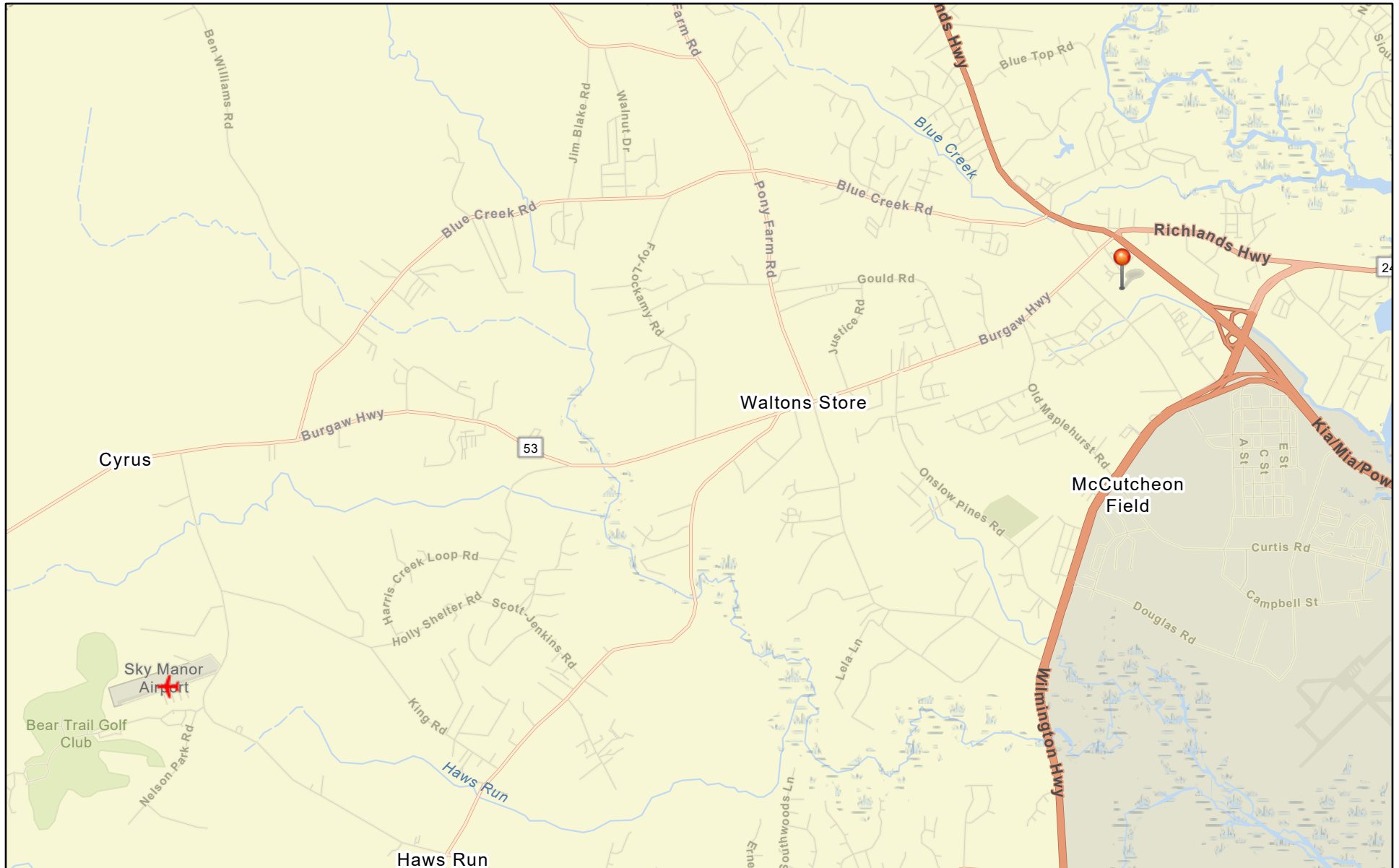
06/10/2021

113 LAST INFO REQ:

FAA FORM 5010-1 (06/2003) SUPERSEDES PREVIOUS EDITION

 U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		AIRPORT MASTER RECORD		PRINT DATE: 06/17/2022 AFD EFF 06/16/2022 FORM APPROVED OMB 2120-0015	
> 1 ASSOC CITY: JACKSONVILLE		4 STATE: NC		LOC ID: OAJ	
> 2 AIRPORT NAME: ALBERT J ELLIS				5 COUNTY: ONSLOW, NC	
3 CBD TO AIRPORT (NM): 10 NW		6 REGION/ADO: ASO /MEM		7 SECT AERO CHT: CHARLOTTE	
FAA SITE NR: 16815.1*A					
GENERAL		SERVICES		BASED AIRCRAFT	
10 OWNERSHIP: PUBLIC		> 70 FUEL: 100LL A		90 SINGLE ENG: 22	
> 11 OWNER: ONSLOW COUNTY				91 MULTI ENG: 1	
> 12 ADDRESS: 234 NW CORRIDOR BLVD		> 71 AIRFRAME RPRS: MAJOR		92 JET: 0	
JACKSONVILLE, NC 28540		> 72 PWR PLANT RPRS: MAJOR		93 HELICOPTERS: 3	
> 13 PHONE NR: 910-347-4717		> 73 BOTTLE OXYGEN: NONE		TOTAL: 26	
> 14 MANAGER: CHRISTOPHER WHITE		> 74 BULK OXYGEN: NONE			
> 15 ADDRESS: 264 ELLIS AIRPORT RD		75 TSNT STORAGE: HGR TIE		94 GLIDERS: 0	
RICHLANDS, NC 28574		76 OTHER SERVICES: INSTR,RNTL,SALES		95 MILITARY: 0	
> 16 PHONE NR: 910-324-1100				96 ULTRA-LIGHT: 0	
> 17 ATTENDANCE SCHEDULE:					
MONTHS DAYS HOURS					
ALL ALL 0500-2400					
		FACILITIES		OPERATIONS	
18 AIRPORT USE: PUBLIC		> 80 ARPT BCN: CG		100 AIR CARRIER: 6,722	
19 ARPT LAT: 34-49-45N ESTIMATED		> 81 ARPT LGT SKED: SEE RMK		102 AIR TAXI: 2,797	
20 ARPT LONG: 77-36-43.7W		BCN LGT SKED: SS-SR		103 G A LOCAL: 4,218	
21 ARPT ELEV: 92.9 SURVEYED		> 82 UNICOM: 122.950		104 G A ITNRNT: 5,478	
22 ACREAGE: 675		> 83 WIND INDICATOR: YES-L		105 MILITARY: 10,329	
> 23 RIGHT TRAFFIC: NO		84 SEGMENTED CIRCLE: YES		TOTAL: 29,544	
> 24 NON-COMM LANDING: NO		85 CONTROL TWR: YES			
25 NPIAS/FED AGREEMENTS: YES / NGY		86 FSS: RALEIGH			
> 26 FAR 139 INDEX: I B S 05/1973		87 FSS ON ARPT: NO		OPERATIONS FOR 12	
		88 FSS PHONE NR:		MONTHS ENDING 05/31/2021	
		89 TOLL FREE NR: 1-800-WX-BRIEF			
RUNWAY DATA					
> 30 RUNWAY IDENT:					
> 31 LENGTH:					
> 32 WIDTH:					
> 33 SURF TYPE-COND:					
> 34 SURF TREATMENT:					
35 GROSS WT: S					
36 (IN THSDS) D					
37 2D					
38 2D/2DS					
> 39 PCN / PCR:					
LIGHTING/APCH AIDS					
> 40 EDGE INTENSITY:					
> 42 RWY MARK TYPE-COND:					
> 43 VGSi:					
44 THR CROSSING HGT:					
45 VISUAL GLIDE ANGLE:					
> 46 CNTRLN-TDZ:					
> 47 RVR-RVV:					
> 48 REIL:					
> 49 APCH LIGHTS:					
OBSTRUCTION DATA					
50 FAR 77 CATEGORY:					
> 51 DISPLACED THR:					
> 52 CTLG OBSTN:					
> 53 OBSTN MARKED/LGTD:					
> 54 HGT ABOVE RWY END:					
> 55 DIST FROM RWY END:					
> 56 CNTRLN OFFSET:					
57 OBSTN CLNC SLOPE:					
58 CLOSE-IN OBSTN:					
DECLARED DISTANCES					
> 60 TAKE OFF RUN AVBL (TORA):					
> 61 TAKE OFF DIST AVBL (TODA):					
> 62 ACLT STOP DIST AVBL (ASDA):					
> 63 LNDG DIST AVBL (LDA):					
> ARPT MGR PLEASE ADVISE FSS IN ITEM 86 WHEN CHANGES OCCUR TO ITEMS PRECEDED BY >					
> 110 REMARKS:					
A 110-007 FOR CD WHEN ATCT CLSD, CTC WILMINGTON APCH AT 910-815-4676, OR WHEN APCH CLSD CTC WASHINGTON ARTCC AT 703-771-3587.					
111 INSPECTOR: (S) 112 LAST INSP: 06/10/2021 113 LAST INFO REQ:					

Crestfield Point Apartments -Sky Manor Airport



June 20, 2022



Crestfield Point Apartments

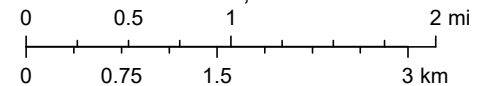


Airport Points



Airport Polygons

1:72,224





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

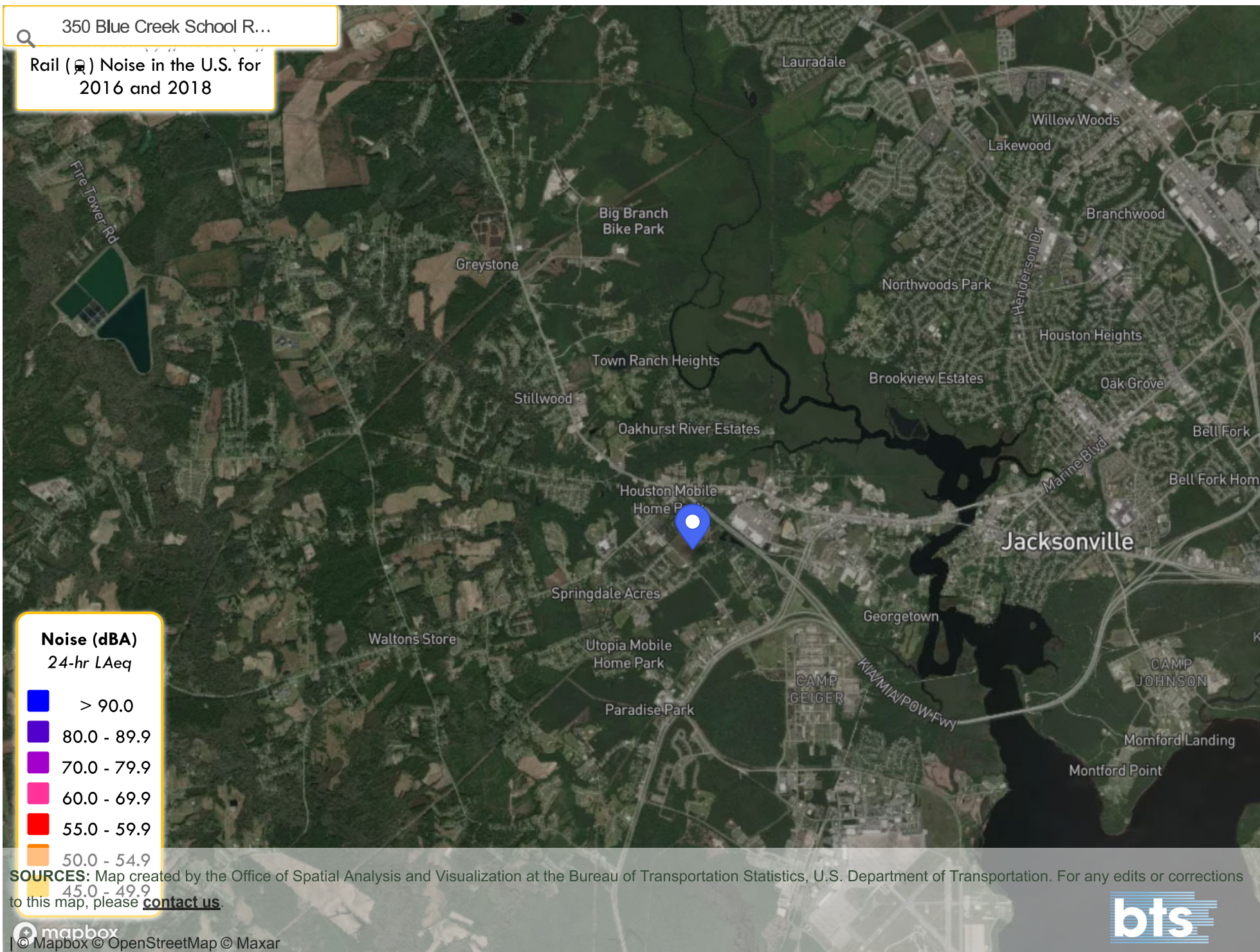
Paperwork Reduction Act Statement

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OMB CONTROL NUMBER: 2120-0015
EXPIRATION DATE: 4/30/2023

 <div>U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION</div>		<div>PRINT DATE: 06/17/2022 AFD EFF 06/16/2022 FORM APPROVED OMB 2120-0015</div>			
> 1 ASSOC CITY: JACKSONVILLE		4 STATE: NC	LOC ID: N22	FAA SITE NR: 16815.11*A	
> 2 AIRPORT NAME: SKY MANOR			5 COUNTY: ONSLOW, NC		
3 CBD TO AIRPORT (NM): 8 W		6 REGION/ADO: ASO /MEM	7 SECT AERO CHT: CHARLOTTE		
<div>GENERAL</div> <div>> 10 OWNERSHIP: PRIVATE</div> <div>> 11 OWNER: ATLAS JEFFREY BROWN</div> <div>> 12 ADDRESS: 115 ATLAS BROWN DRIVE JACKSONVILLE, NC 28540</div> <div>> 13 PHONE NR: 910-389-3014</div> <div>> 14 MANAGER: JEFF BROWN</div> <div>> 15 ADDRESS: 115 ATLAS BROWN DRIVE JACKSONVILLE, NC 28540</div> <div>> 16 PHONE NR: 910-389-3014</div> <div>> 17 ATTENDANCE SCHEDULE:</div> <div>MONTHS DAYS HOURS</div> <div>UNATNDD</div> <div>> 18 AIRPORT USE: PUBLIC</div> <div>> 19 ARPT LAT: 34-42-39.07N ESTIMATED</div> <div>> 20 ARPT LONG: 77-35-5.95W</div> <div>> 21 ARPT ELEV: 60.0 ESTIMATED</div> <div>> 22 ACREAGE: 25</div> <div>> 23 RIGHT TRAFFIC: NO</div> <div>> 24 NON-COMM LANDING: NO</div> <div>> 25 NPIAS/FED AGREEMENTS:</div> <div>> 26 FAR 139 INDEX: /</div>		<div>SERVICES</div> <div>> 70 FUEL:</div> <div>> 71 AIRFRAME RPRS:</div> <div>> 72 PWR PLANT RPRS:</div> <div>> 73 BOTTLE OXYGEN: NONE</div> <div>> 74 BULK OXYGEN: NONE</div> <div>> 75 TSNT STORAGE: TIE</div> <div>> 76 OTHER SERVICES:</div> <div>FACILITIES</div> <div>> 80 ARPT BCN:</div> <div>> 81 ARPT LGT SKED: BCN LGT SKED:</div> <div>> 82 UNICOM:</div> <div>> 83 WIND INDICATOR: YES</div> <div>> 84 SEGMENTED CIRCLE: NONE</div> <div>> 85 CONTROL TWR: NO</div> <div>> 86 FSS: RALEIGH</div> <div>> 87 FSS ON ARPT: NO</div> <div>> 88 FSS PHONE NR:</div> <div>> 89 TOLL FREE NR: 1-800-WX-BRIEF</div>		<div>BASED AIRCRAFT</div> <div>> 90 SINGLE ENG: 4</div> <div>> 91 MULTI ENG: 0</div> <div>> 92 JET: 0</div> <div>> 93 HELICOPTERS: 0</div> <div>> TOTAL: 4</div> <div>> 94 GLIDERS: 0</div> <div>> 95 MILITARY: 0</div> <div>> 96 ULTRA-LIGHT: 0</div> <div>OPERATIONS</div> <div>> 100 AIR CARRIER: 0</div> <div>> 102 AIR TAXI: 0</div> <div>> 103 G A LOCAL: 500</div> <div>> 104 G A ITNRNT: 100</div> <div>> 105 MILITARY: 0</div> <div>> TOTAL: 600</div> <div>OPERATIONS FOR 12 MONTHS ENDING 06/13/2019</div>	
<div>RUNWAY DATA</div> <div>> 30 RUNWAY IDENT:</div> <div>> 31 LENGTH:</div> <div>> 32 WIDTH:</div> <div>> 33 SURF TYPE-COND:</div> <div>> 34 SURF TREATMENT:</div> <div>> 35 GROSS WT: S</div> <div>> 36 (IN THSDS) D</div> <div>> 37 2D</div> <div>> 38 2D/2DS</div> <div>> 39 PCN / PCR:</div> <div>LIGHTING/APCH AIDS</div> <div>> 40 EDGE INTENSITY:</div> <div>> 42 RWY MARK TYPE-COND:</div> <div>> 43 VGSi:</div> <div>> 44 THR CROSSING HGT:</div> <div>> 45 VISUAL GLIDE ANGLE:</div> <div>> 46 CNTRLN-TDZ:</div> <div>> 47 RVR-RVV:</div> <div>> 48 REIL:</div> <div>> 49 APCH LIGHTS:</div> <div>OBSTRUCTION DATA</div> <div>> 50 FAR 77 CATEGORY: A(V) / A(V)</div> <div>> 51 DISPLACED THR: 595 /</div> <div>> 52 CTLG OBSTN: TREES / TREES</div> <div>> 53 OBSTN MARKED/LGTD: /</div> <div>> 54 HGT ABOVE RWY END: 51 / 64</div> <div>> 55 DIST FROM RWY END: 14 / 3</div> <div>> 56 CNTRLN OFFSET: 38L / 52R</div> <div>> 57 OBSTN CLNC SLOPE: 0:1 / 0:1</div> <div>> 58 CLOSE-IN OBSTN: N / N</div> <div>DECLARED DISTANCES</div> <div>> 60 TAKE OFF RUN AVBL (TORA): /</div> <div>> 61 TAKE OFF DIST AVBL (TODA): /</div> <div>> 62 ACLT STOP DIST AVBL (ASDA): /</div> <div>> 63 LNDG DIST AVBL (LDA): /</div>		<div>08/26</div> <div>3,610</div> <div>85</div> <div>TURF-F</div> <div>- / -</div> <div>/</div> <div>/</div> <div>/</div> <div>- / -</div> <div>- / -</div> <div>/</div> <div>/</div> <div>A(V) / A(V)</div> <div>595 /</div> <div>TREES / TREES</div> <div>/</div> <div>51 / 64</div> <div>14 / 3</div> <div>38L / 52R</div> <div>0:1 / 0:1</div> <div>N / N</div> <div>/</div> <div>/</div> <div>/</div> <div>/</div>			
> ARPT MGR PLEASE ADVISE FSS IN ITEM 86 WHEN CHANGES OCCUR TO ITEMS PRECEDED BY >					
> 110 REMARKS:					
A 033 RWY 08/26 AREAS OF STANDING WATER ON RWY AFTER RAINS. WEST HALF OF RWY EXTREMELY SOFT WHEN WET.					
A 042 RWY 08 RY 08/26 MKD WITH YELLOW CONES. CONES OBSCURED BY GRASS AND BRUSH					
A 057 RWY 08 APCH SLOPE 9:1 TO DSPLCD THLD DUE TO 57 FT TREES LCTD 548 FT FM DSPLCD THLD OFFSET 101 FT LEFT OF CNTRLN.					
A 110-001 ADDITIONAL OBS - PVT ROAD PARALLELS RY ON S SIDE 20 FT FRM RY EDGE, 30 FT HGR LCTD 200 FT W OF RY 26 THLD & 100 FT R OF CNTRLN, 90 FT TREES ALONG N SIDE OF RY EDGE FROM RY 08 THLD TO TERM AREA, 90 FT TREES 400 FT FROM RY 8 AND 26 THLDS ACROSS ENTIRE APCH.					
A 110-002 RY 26 HAS 66 FT TREES 50 FT LEFT OF CNTRLN & 100 FT FROM THLD.					
A 110-003 BE ALERT DEER IN THE VCNTY OF ARPT.					
A 110-004 TKOF AND LNDGS IN STRONG CROSSWINDS NOT RECOMMENDED DUE TO SEVERE DRAFTS FROM TREES.					
111 INSPECTOR: (S) 112 LAST INSP: 06/13/2019 113 LAST INFO REQ: 11/26/1979					

 U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		AIRPORT MASTER RECORD		PRINT DATE: 06/17/2022 AFD EFF 06/16/2022 FORM APPROVED OMB 2120-0015	
> 1 ASSOC CITY: JACKSONVILLE		4 STATE: NC		LOC ID: N22	
> 2 AIRPORT NAME: SKY MANOR				5 COUNTY: ONSLOW, NC	
3 CBD TO AIRPORT (NM): 8 W		6 REGION/ADO: ASO /MEM		7 SECT AERO CHT: CHARLOTTE	
GENERAL		SERVICES		BASED AIRCRAFT	
10 OWNERSHIP: PRIVATE		> 70 FUEL:		90 SINGLE ENG: 4	
> 11 OWNER: ATLAS JEFFREY BROWN		> 71 AIRFRAME RPRS:		91 MULTI ENG: 0	
> 12 ADDRESS: 115 ATLAS BROWN DRIVE		> 72 PWR PLANT RPRS:		92 JET: 0	
JACKSONVILLE, NC 28540		> 73 BOTTLE OXYGEN: NONE		93 HELICOPTERS: 0	
> 13 PHONE NR: 910-389-3014		> 74 BULK OXYGEN: NONE		TOTAL: 4	
> 14 MANAGER: JEFF BROWN		75 TSNT STORAGE: TIE		94 GLIDERS: 0	
> 15 ADDRESS: 115 ATLAS BROWN DRIVE		76 OTHER SERVICES:		95 MILITARY: 0	
JACKSONVILLE, NC 28540				96 ULTRA-LIGHT: 0	
> 16 PHONE NR: 910-389-3014					
> 17 ATTENDANCE SCHEDULE:					
MONTHS DAYS HOURS					
UNATNDD					
		FACILITIES		OPERATIONS	
		> 80 ARPT BCN:		100 AIR CARRIER: 0	
		> 81 ARPT LGT SKED:		102 AIR TAXI: 0	
		BCN LGT SKED:		103 G A LOCAL: 500	
		> 82 UNICOM:		104 G A ITRNRT: 100	
		> 83 WIND INDICATOR: YES		105 MILITARY: 0	
		84 SEGMENTED CIRCLE: NONE		TOTAL: 600	
		85 CONTROL TWR: NO			
		86 FSS: RALEIGH			
		87 FSS ON ARPT: NO		OPERATIONS FOR 12	
		88 FSS PHONE NR:		MONTHS ENDING 06/13/2019	
		89 TOLL FREE NR: 1-800-WX-BRIEF			
18 AIRPORT USE: PUBLIC					
19 ARPT LAT: 34-42-39.07N ESTIMATED					
20 ARPT LONG: 77-35-5.95W					
21 ARPT ELEV: 60.0 ESTIMATED					
22 ACREAGE: 25					
> 23 RIGHT TRAFFIC: NO					
> 24 NON-COMM LANDING: NO					
25 NPIAS/FED AGREEMENTS:					
> 26 FAR 139 INDEX: /					
RUNWAY DATA					
> 30 RUNWAY IDENT:					
> 31 LENGTH:					
> 32 WIDTH:					
> 33 SURF TYPE-COND:					
> 34 SURF TREATMENT:					
35 GROSS WT: S					
36 (IN THSDS) D					
37 2D					
38 2D/2DS					
> 39 PCN / PCR:					
LIGHTING/APCH AIDS					
> 40 EDGE INTENSITY:					
> 42 RWY MARK TYPE-COND:					
> 43 VGSi:					
44 THR CROSSING HGT:					
45 VISUAL GLIDE ANGLE:					
> 46 CNTRLN-TDZ:					
> 47 RVR-RVV:					
> 48 REIL:					
> 49 APCH LIGHTS:					
OBSTRUCTION DATA					
50 FAR 77 CATEGORY:					
> 51 DISPLACED THR:					
> 52 CTLG OBSTN:					
> 53 OBSTN MARKED/LGTD:					
> 54 HGT ABOVE RWY END:					
> 55 DIST FROM RWY END:					
> 56 CNTRLN OFFSET:					
57 OBSTN CLNC SLOPE:					
58 CLOSE-IN OBSTN:					
DECLARED DISTANCES					
> 60 TAKE OFF RUN AVBL (TORA):					
> 61 TAKE OFF DIST AVBL (TODA):					
> 62 ACLT STOP DIST AVBL (ASDA):					
> 63 LNDG DIST AVBL (LDA):					
>) ARPT MGR PLEASE ADVISE FSS IN ITEM 86 WHEN CHANGES OCCUR TO ITEMS PRECEDED BY >					
> 110 REMARKS:					
A 110-005 FOR CD CTC WASHINGTON ARTCC AT 703-771-3587.					
111 INSPECTOR: (S) 112 LAST INSP: 06/13/2019 113 LAST INFO REQ: 11/26/1979					



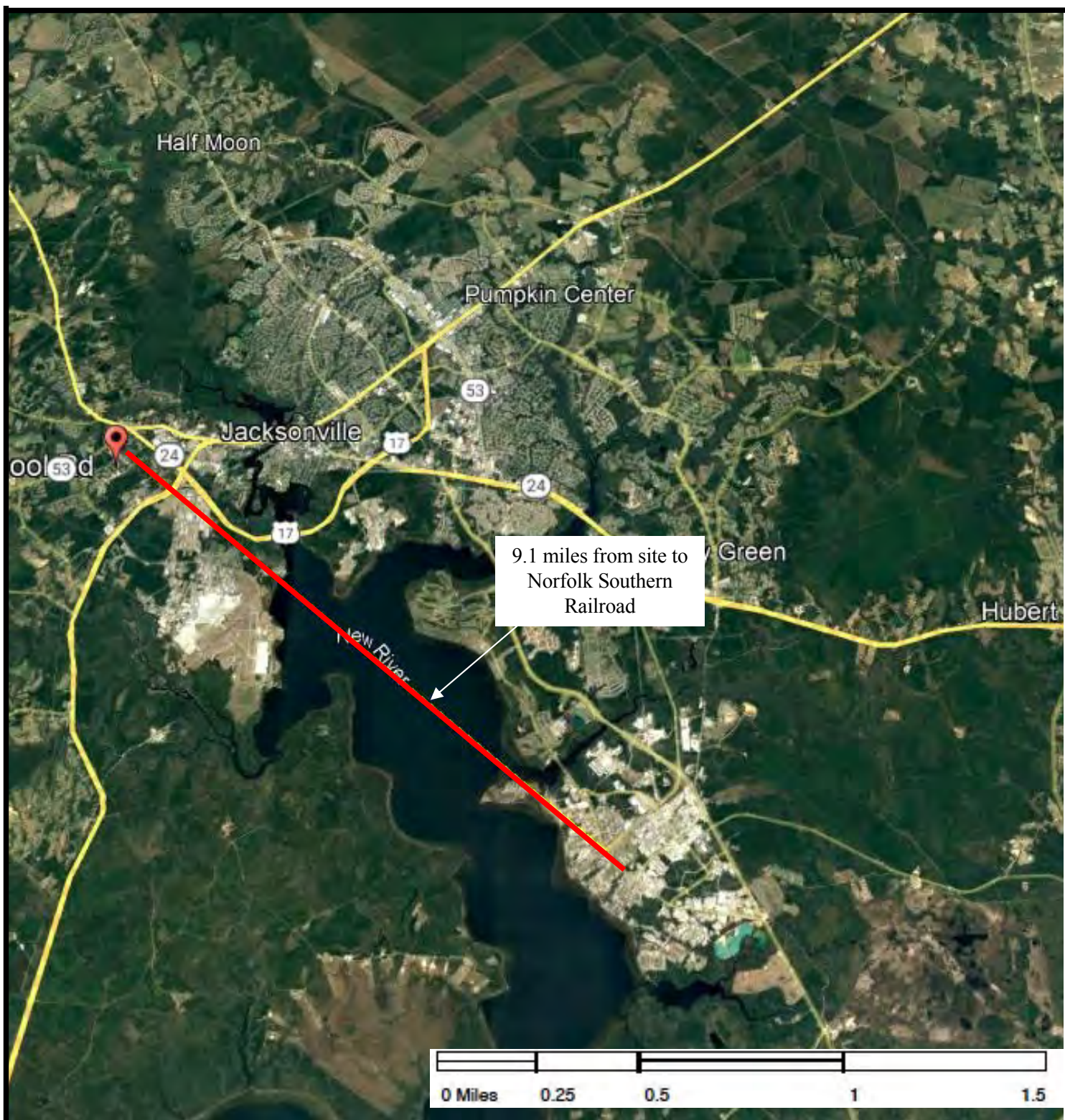


FIGURE 1: RAILROAD

Source: Google Earth



Proposed Crestfield Point Apartments
Blue Creek School Road
Jacksonville, North Carolina



ASE Project No. 1516
January 2022

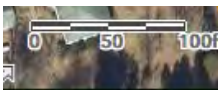
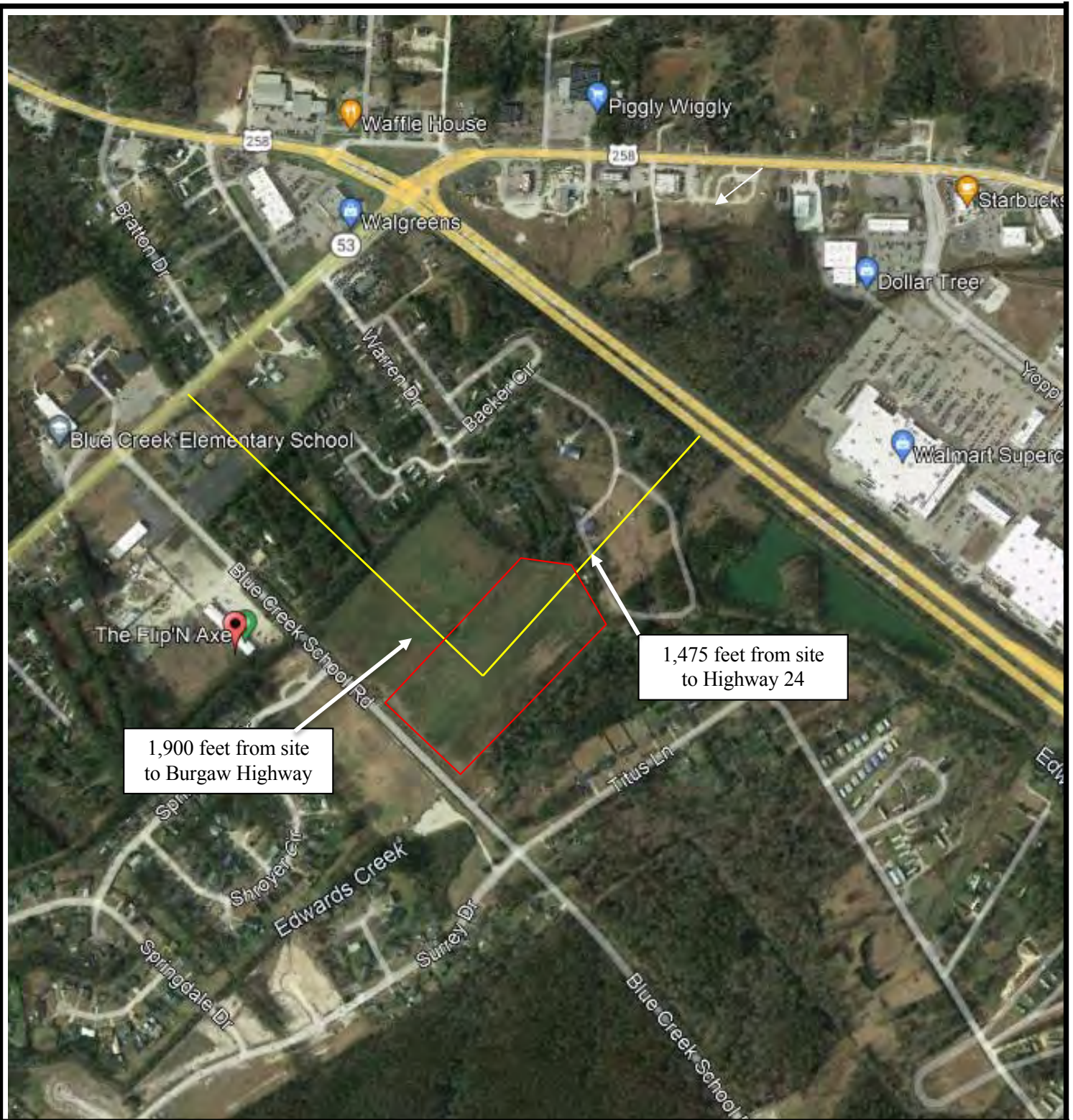


FIGURE 2: ROAD MAP

Source: Cumberland County GIS 2021 aerial

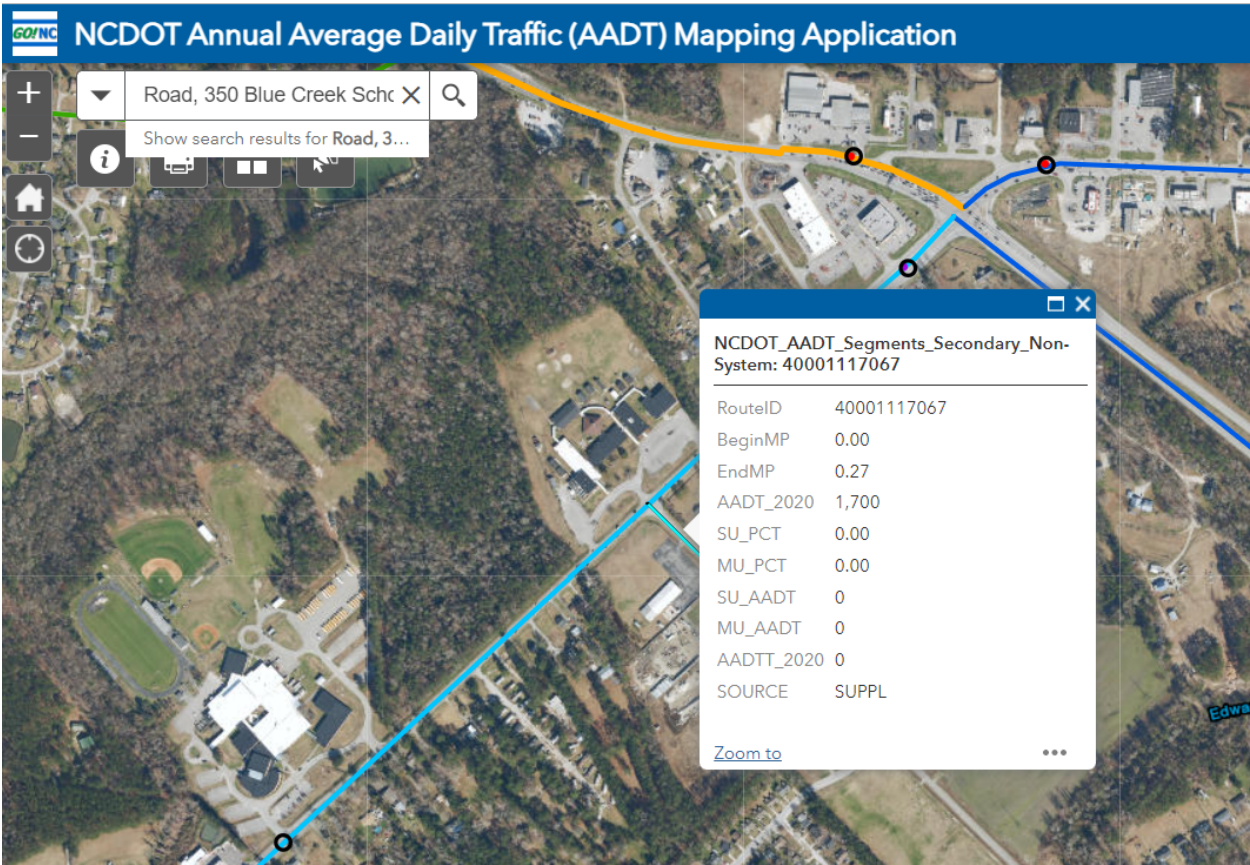


Proposed Crestfield Point Apartments
Blue Creek School Road
Jacksonville, North Carolina

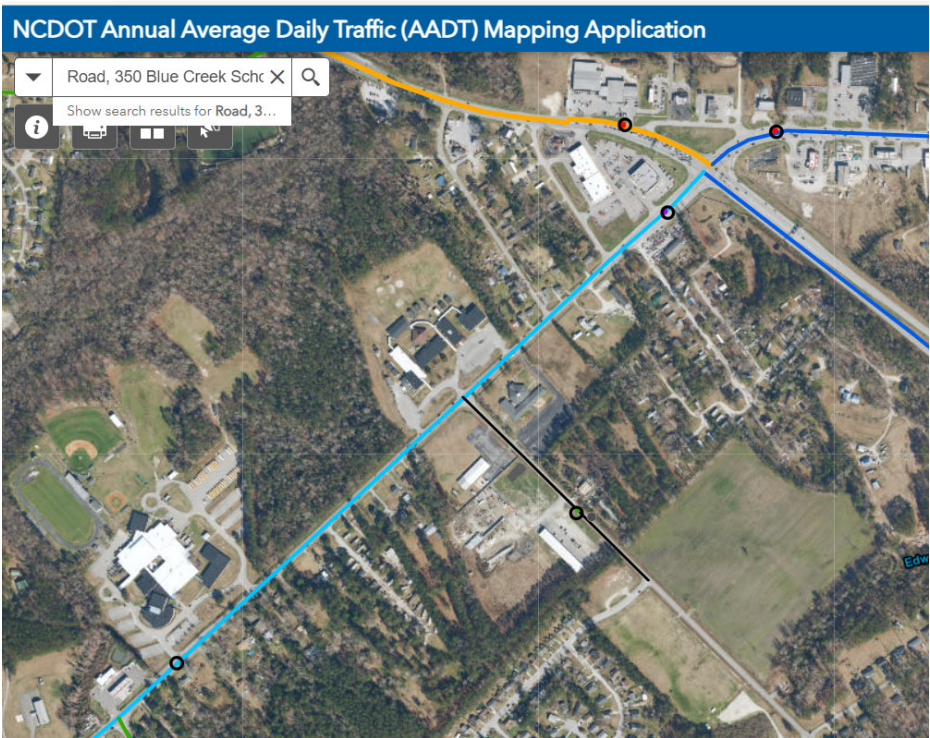


ASE Project No. 1516
January 2022

Blue Creek School Road



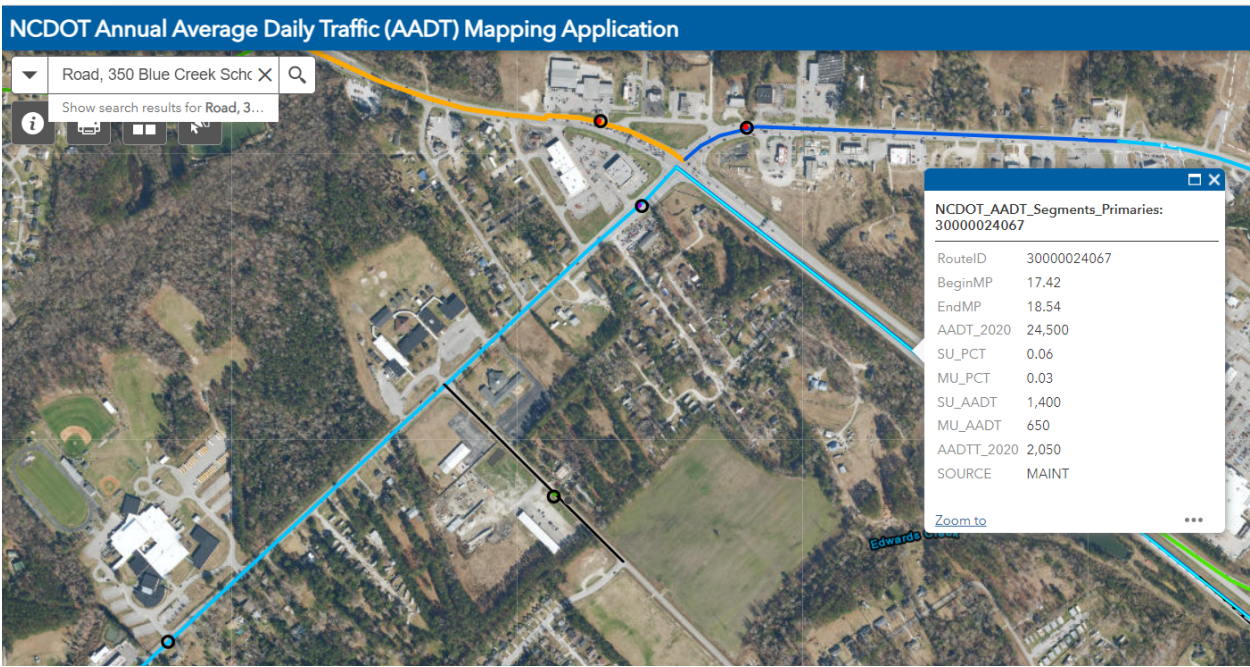
Blue Creek School Road



Crestfield Point Apartments closest residential building to NC Highway 24



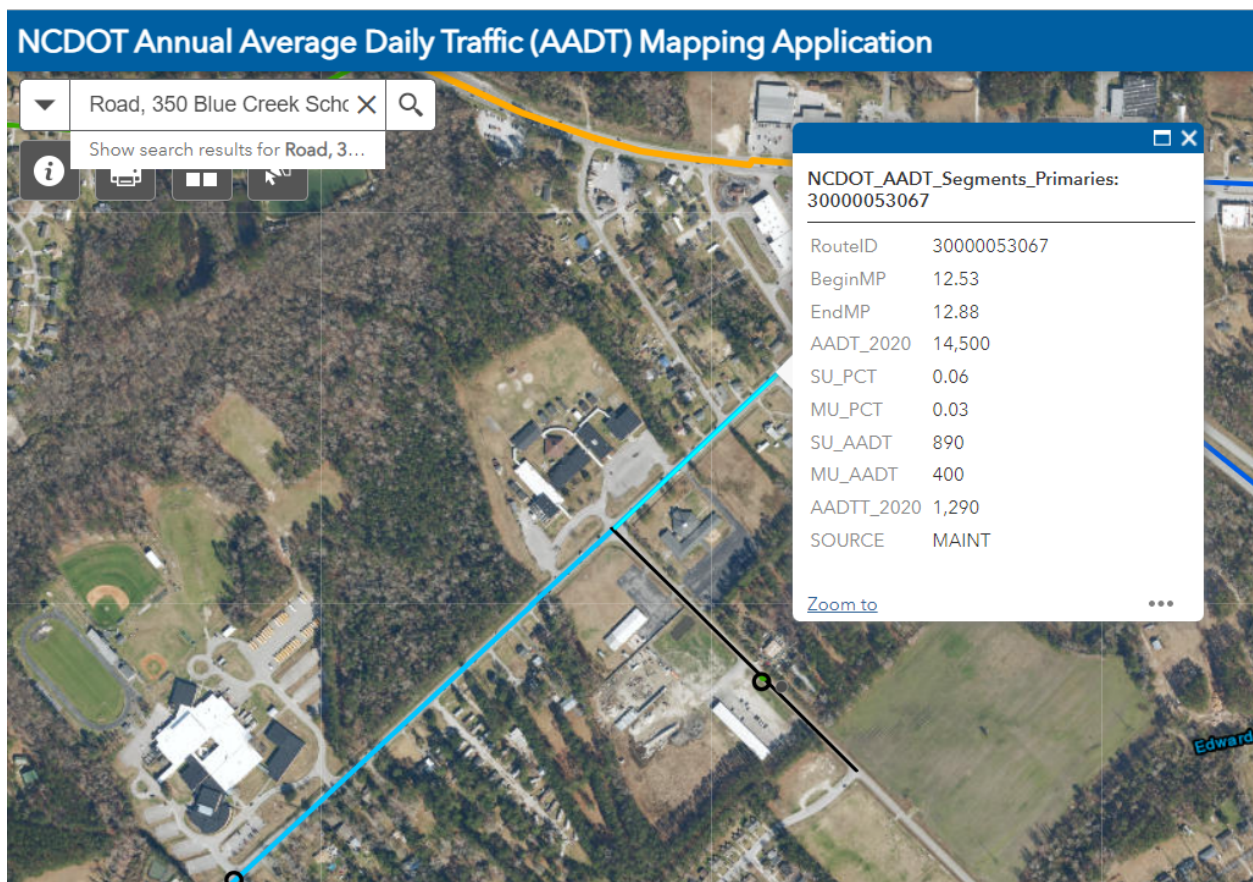
NC Highway 24



Crestfield Point Apartments closest residential building to Burgaw Highway (53)



Burgaw Highway (53)



[Home \(/\)](#) > [Programs \(/programs/\)](#) > [Environmental Review \(/programs/environmental-review/\)](#) > DNL Calculator

DNL Calculator

The Day/Night Noise Level Calculator is an electronic assessment tool that calculates the Day/Night Noise Level (DNL) from roadway and railway traffic. For more information on using the DNL calculator, view the [Day/Night Noise Level Calculator Electronic Assessment Tool Overview \(/programs/environmental-review/daynight-noise-level-electronic-assessment-tool/\)](#).

Guidelines

- To display the Road and/or Rail DNL calculator(s), click on the "Add Road Source" and/or "Add Rail Source" button(s) below.
- All Road and Rail input values must be positive non-decimal numbers.
- All Road and/or Rail DNL value(s) must be calculated separately before calculating the Site DNL.
- All checkboxes that apply must be checked for vehicles and trains in the tables' headers.
- **Note #1:** Tooltips, containing field specific information, have been added in this tool and may be accessed by hovering over all the respective data fields (site identification, roadway and railway assessment, DNL calculation results, roadway and railway input variables) with the mouse.
- **Note #2:** DNL Calculator assumes roadway data is always entered.

DNL Calculator

Site ID	Crestfield Point Apartments
Record Date	06/18/2022
User's Name	AG

Road # 1 Name: Burgaw Highway (53) - 2020 values

Road #1

Vehicle Type	Cars <input checked="" type="checkbox"/>	Medium Trucks <input checked="" type="checkbox"/>	Heavy Trucks <input checked="" type="checkbox"/>
Effective Distance	2172	2172	2172
Distance to Stop Sign			
Average Speed	45	45	45
Average Daily Trips (ADT)	13210	890	400
Night Fraction of ADT	15	15	15
Road Gradient (%)			2
Vehicle DNL	43	41	46
Calculate Road #1 DNL	48	Reset	

Road # 2 Name: NC Highway 24 - 2020 values

Road #2

Vehicle Type	Cars <input checked="" type="checkbox"/>	Medium Trucks <input checked="" type="checkbox"/>	Heavy Trucks <input checked="" type="checkbox"/>
--------------	--	---	--

Effective Distance	<input type="text" value="1300"/>	<input type="text" value="1300"/>	<input type="text" value="1300"/>
Distance to Stop Sign	<input type="text"/>	<input type="text"/>	<input type="text"/>
Average Speed	<input type="text" value="55"/>	<input type="text" value="55"/>	<input type="text" value="55"/>
Average Daily Trips (ADT)	<input type="text" value="22450"/>	<input type="text" value="1400"/>	<input type="text" value="650"/>
Night Fraction of ADT	<input type="text" value="15"/>	<input type="text" value="15"/>	<input type="text" value="15"/>
Road Gradient (%)	<input type="text"/>	<input type="text"/>	<input type="text" value="2"/>
Vehicle DNL	<input type="text" value="50"/>	<input type="text" value="48"/>	<input type="text" value="52"/>
<div>Calculate Road #2 DNL</div>	<input type="text" value="55"/>	<div>Reset</div>	

Add Road Source

Add Rail Source

Airport Noise Level

Loud Impulse Sounds?

☐ Yes ☒ No

Combined DNL for all
Road and Rail sources

56

Combined DNL including Airport

Combined DNL including airport

N/A

Site DNL with Loud Impulse Sound

Calculate

Reset

Mitigation Options

If your site DNL is in Excess of 65 decibels, your options are:

- **No Action Alternative:** Cancel the project at this location
- **Other Reasonable Alternatives:** Choose an alternate site
- **Mitigation**
 - Contact your Field or Regional Environmental Officer (</programs/environmental-review/hud-environmental-staff-contacts/>)
 - Increase mitigation in the building walls (only effective if no outdoor, noise sensitive areas)
 - Reconfigure the site plan to increase the distance between the noise source and noise-sensitive uses
 - Incorporate natural or man-made barriers. See *The Noise Guidebook* (</resource/313/hud-noise-guidebook/>)
 - Construct noise barrier. See the **Barrier Performance Module** (</programs/environmental-review/bpm-calculator/>)

Tools and Guidance

Day/Night Noise Level Assessment Tool User Guide (</resource/3822/day-night-noise-level-assessment-tool-user-guide/>)

Day/Night Noise Level Assessment Tool Flowcharts (</resource/3823/day-night-noise-level-assessment-tool-flowcharts/>)

[Home \(/\)](#) > [Programs \(/programs/\)](#) > [Environmental Review \(/programs/environmental-review/\)](#) > DNL Calculator

DNL Calculator

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- All Road and Rail input values must be positive non-decimal numbers.
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- All checkboxes that apply must be checked for vehicles and trains in the tables' headers.
- **Note #1:** Tooltips, containing field specific information, have been added in this tool and may be accessed by hovering over all the respective data fields (site identification, roadway and railway assessment, DNL calculation results, roadway and railway input variables) with the mouse.
- **Note #2:** DNL Calculator assumes roadway data is always entered.

DNL Calculator

Site ID	Crestfield Point Apartments
Record Date	06/18/2022
User's Name	AG

Road # 1 Name: Burgaw Highway (53) - 2040 values

Road #1

Vehicle Type	Cars <input checked="" type="checkbox"/>	Medium Trucks <input checked="" type="checkbox"/>	Heavy Trucks <input checked="" type="checkbox"/>
Effective Distance	2172	2172	2172
Distance to Stop Sign			
Average Speed	45	45	45
Average Daily Trips (ADT)	28210	1860	930
Night Fraction of ADT	15	15	15
Road Gradient (%)			2
Vehicle DNL	46	44	49
Calculate Road #1 DNL	52	Reset	

Road # 2 Name: NC Highway 24 - 2040 values

Road #2

Vehicle Type	Cars <input checked="" type="checkbox"/>	Medium Trucks <input checked="" type="checkbox"/>	Heavy Trucks <input checked="" type="checkbox"/>
--------------	--	---	--

Effective Distance	<input type="text" value="1300"/>	<input type="text" value="1300"/>	<input type="text" value="1300"/>
Distance to Stop Sign	<input type="text"/>	<input type="text"/>	<input type="text"/>
Average Speed	<input type="text" value="55"/>	<input type="text" value="55"/>	<input type="text" value="55"/>
Average Daily Trips (ADT)	<input type="text" value="31850"/>	<input type="text" value="2100"/>	<input type="text" value="1050"/>
Night Fraction of ADT	<input type="text" value="15"/>	<input type="text" value="15"/>	<input type="text" value="15"/>
Road Gradient (%)	<input type="text"/>	<input type="text"/>	<input type="text" value="2"/>
Vehicle DNL	<input type="text" value="52"/>	<input type="text" value="50"/>	<input type="text" value="54"/>
<div>Calculate Road #2 DNL</div>	<input type="text" value="57"/>	<input type="text" value="Reset"/>	

Add Road Source

Add Rail Source

Airport Noise Level

Loud Impulse Sounds?

☐ Yes ☒ No

Combined DNL for all
Road and Rail sources

58

Combined DNL including Airport

Combined DNL including airport

N/A

Site DNL with Loud Impulse Sound

Calculate

Reset

Mitigation Options

If your site DNL is in Excess of 65 decibels, your options are:

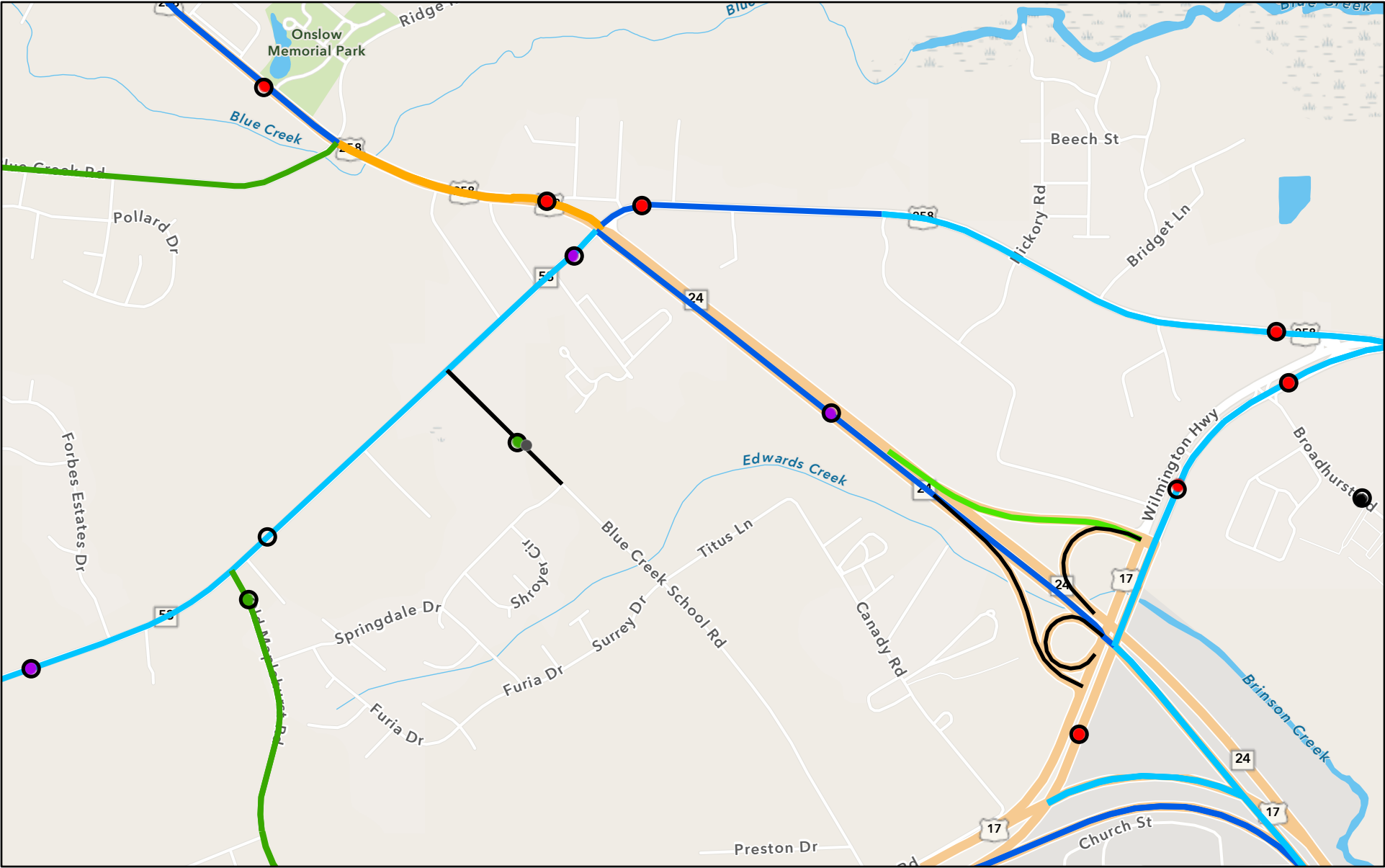
- **No Action Alternative:** Cancel the project at this location
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Tools and Guidance

Day/Night Noise Level Assessment Tool User Guide (</resource/3822/day-night-noise-level-assessment-tool-user-guide/>)

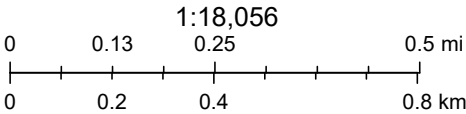
Day/Night Noise Level Assessment Tool Flowcharts (</resource/3823/day-night-noise-level-assessment-tool-flowcharts/>)

NCDOT AADT Map - Crestfield Point Apartments



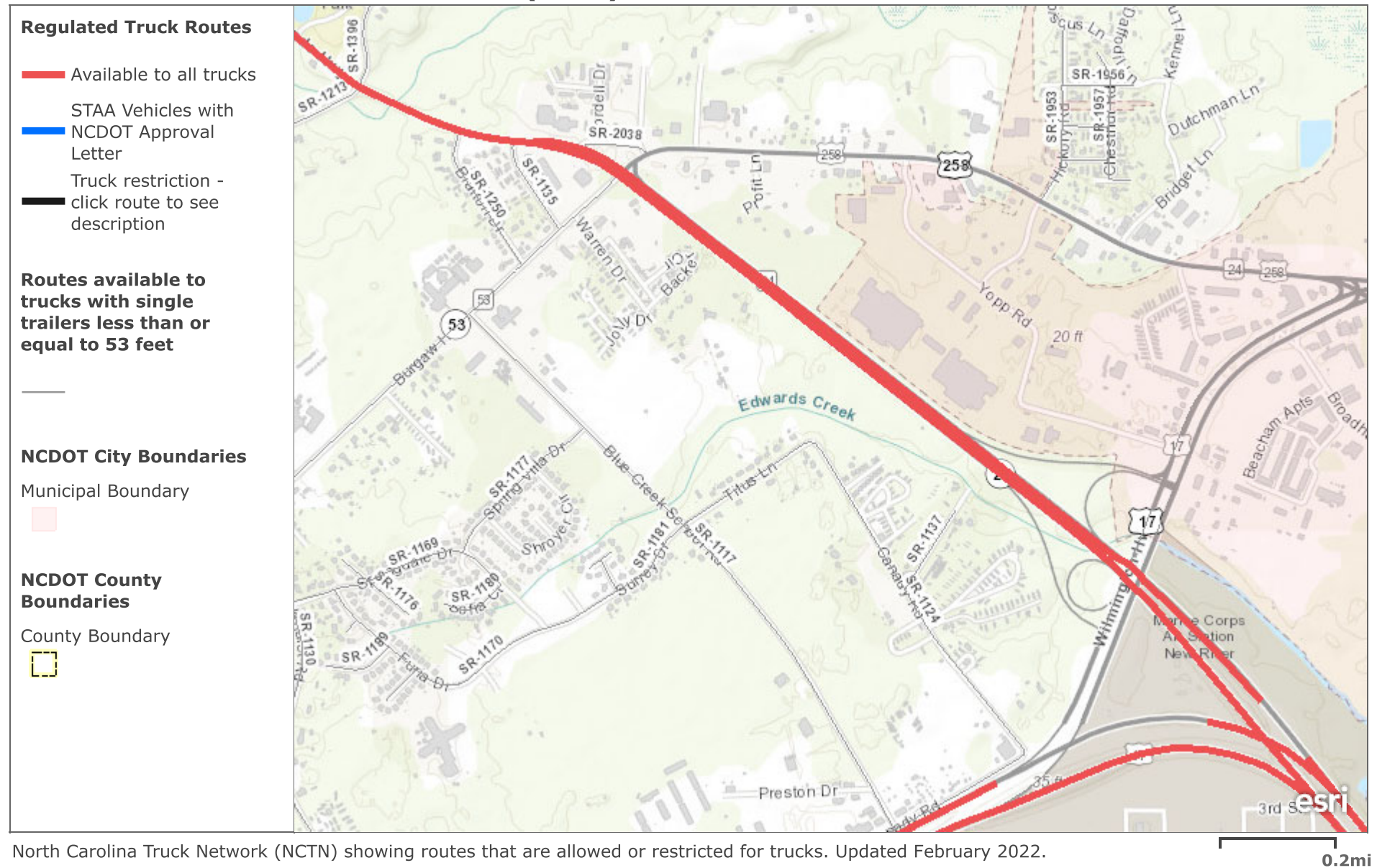
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- Traffic_Analysis_PTC
- NCDOT_AADT_Traffic_Segmentation - NCDOT_AADT_Stations
- US Routes
- NC Routes
- Secondary Routes



Sources: Esri, HERE, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

NCDOT - North Carolina Truck Network (NCTN)



State of North Carolina DOT, Esri, HERE, Garmin, GeoTechnologies, Inc., USGS, METI/NASA, EPA, USDA | NCDOT GIS Unit



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAT MCCRORY
GOVERNOR

NICK TENNYSON
SECRETARY

11-23-2015

MEMORANDUM TO: Michele James
Project Development and Environmental Analysis

FROM: BenJetta Johnson, PE
SEPI Engineering & Construction

SUBJECT: Traffic Forecast for TIP Project U-5716
Onslow County
Intersection of US 258 / NC 24 / NC 53

Please find attached the 2015 / 2040 Traffic Forecast for the above mentioned project. U-5716 is defined as intersection operations improvements by addressing existing and anticipated peak period traffic congestion at the intersection of US 258 / NC 24 / NC 53. U-5716 is programmed for 'Planning and Environmental Study Only' in the State Transportation Improvement Program (STIP). This is the first forecast for this project. This project lies within the Jacksonville Urban Area MPO (JUMPO) area.

The following people were consulted during the development of this forecast:

- Abigail Barman (City of Jacksonville)
- Anthony Prinz (JUMPO)
- Behshad Norowzi (NCDOT- TPB)
- Katie Hite (NCDOT- Division 3)
- Michele James (NCDOT- PDEA)
- Nazia Sarder (NCDOT- TPB)
- Peggy Holland (City of Jacksonville)
- Roger Henderson (PEF Coordinator)
- Soon Chung (NCDOT- TPB)
- Tim Richards (Onslow County)

The following scenarios are provided:

- 2015 Base Year No Build
- 2015 Base Year Build Alternative 1
- 2015 Base Year Build Alternative 2
- 2015 Base Year Build Alternative 3
- 2040 Future Year No Build
- 2040 Future Year Build Alternative 1
- 2040 Future Year Build Alternative 2
- 2040 Future Year Build Alternative 3

Alternative 1 assumes intersection improvements to the intersection of US 258 / NC 24 / NC 53. Alternative 2 assumes that a grade separated flyover will be constructed for the southbound US 258 left-turn movement and US 258 will be widened to accommodate a free flow (westbound to northbound) right-turn lane. Alternative 3 assumes that the adjacent NC 24 / US 17 Business interchange is improved to include a left-turn movement from the NC 24 EB ramp to northbound US 17 Business (to include a new median break).

Certain assumptions were made in the development of the forecast:

Fiscal Constraint: Within an MPO, the future year forecasts assume construction of projects as listed within the MPO's Metropolitan Transportation Plan (MTP, previously called LRTP). This forecast is consistent with the Jacksonville Urban Area Metropolitan Planning Organization 2040 Long Range Transportation Plan (JUMPO 2040 LRTP) – adopted April 2015. Projects in the MTP which affect this facility include:

- 2016-2025 STIP U-5735 (US 17 – New Interchange at SR 1130)
- 2016-2025 STIP U-5739 (US 258 – Superstreet from SR 1212 to NC 53)
- 2016-2025 STIP R-5023 (NC 53 – Widening from SR 1135 to SR 1109)
- JUMPO 2040 LRTP H140427 (SR 1130 – Widening from US 17 to NC 53)

Development Activity: Based upon information provided by Tim Richards of the Onslow County Planning a 735-acre Burton Business and Industrial Park is planned for development east of Pony Farm Road between Richlands and Jacksonville in Onslow County. Currently, Onslow County Government Center and a construction material plant are located within the park, but other lots are primarily undeveloped. Burton Park is expected to be built-out by 2040 and will include a mix of industrial and business developments.

Methodology:

The Base Year No-Build forecast was developed primarily based upon traffic counts conducted for this forecast, as well as historic AADT trends projected to 2015.

The Jacksonville model (adopted in 2015) was used as a tool in the development of the forecast. The 2015 intermediate year model was developed specifically for this forecast. Output from the Jacksonville Model was used to estimate the proportional change in traffic volumes brought about by the construction of each alternative.

The 2040 AADT forecast is based on the consideration of historical traffic growth trends and the growth rates calculated from the 2010 and 2040 No Build Jacksonville Model runs.

Interpolation:

To determine any intermediate years straight-line interpolation may be used. AADT volumes may be extrapolated for up to two years immediately following 2040. If it is determined that any of these assumptions have become inconsistent with the project and surrounding area activity, please request updated projections at this location.

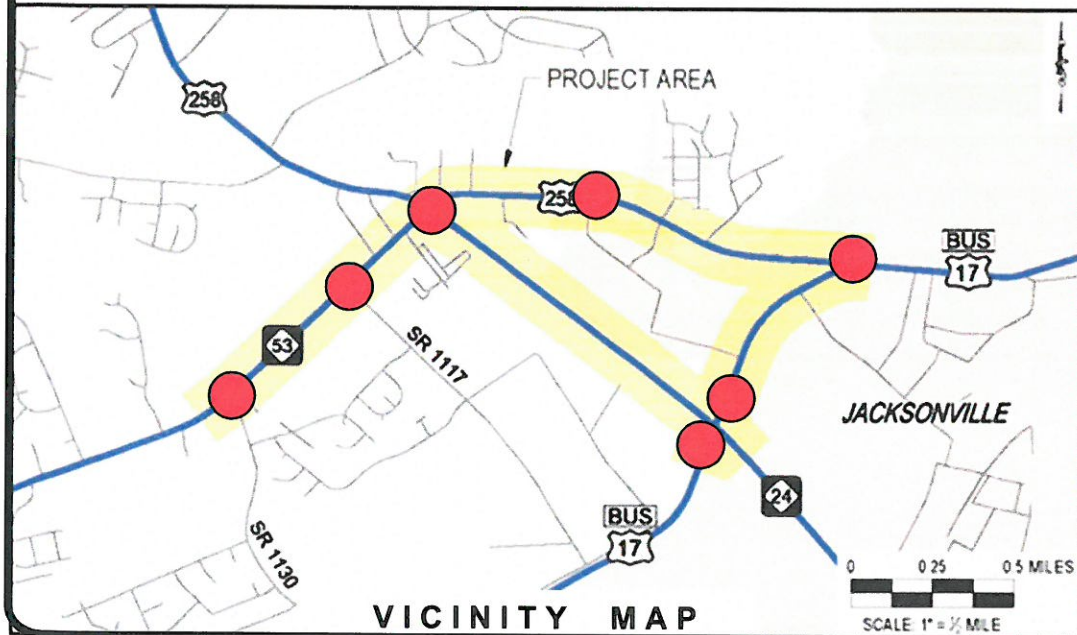
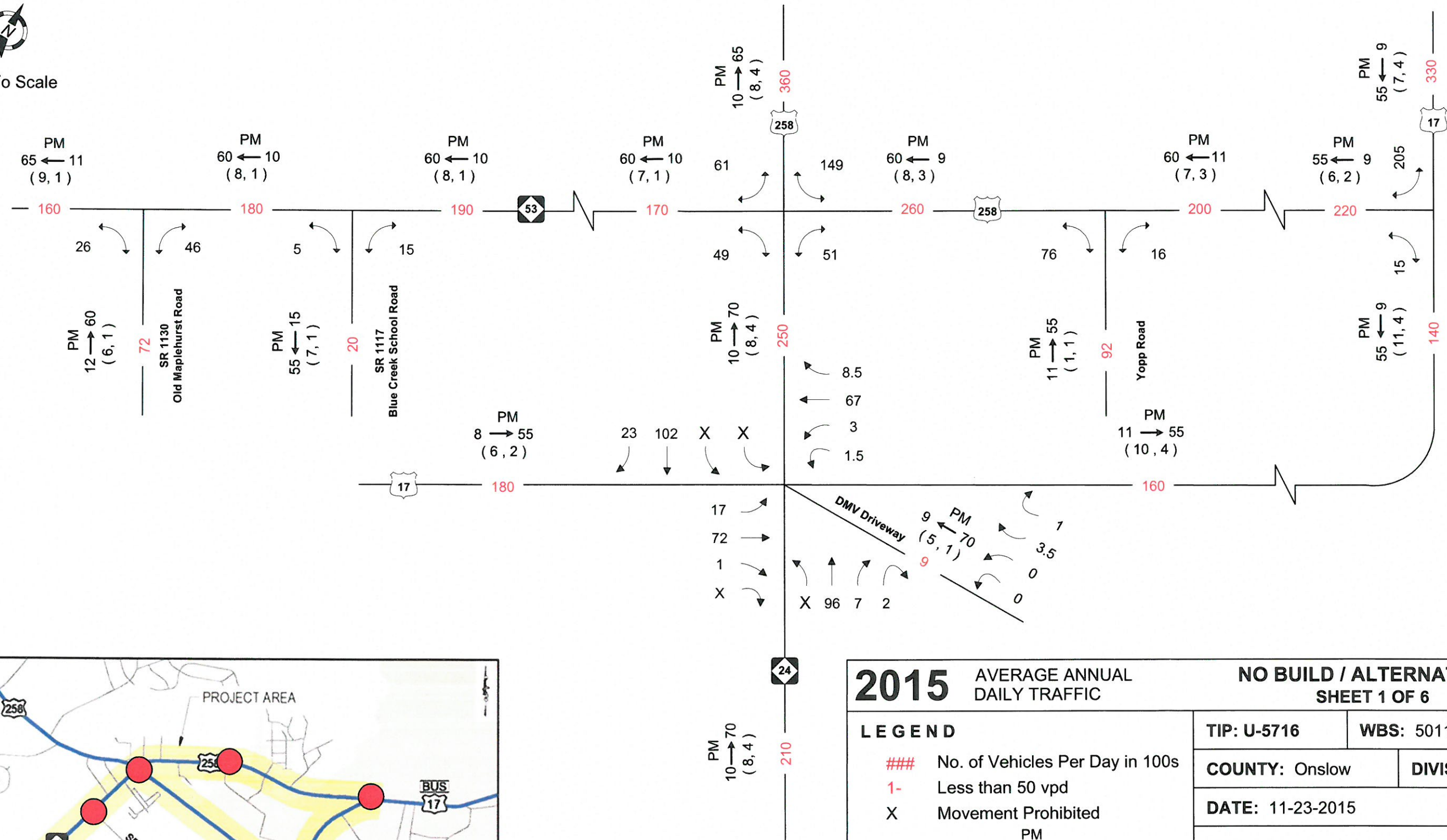
For future reference this forecast will be saved in Project Store in the LongRangePlanning\ Traffic Forecasts folder, under project U5716.

cc : FILE (Onslow, U-5716)

cc: *Final distribution for your records via e-mail. Diagrams as PDF attachment*
Glenn Mumford, PE, NCDOT Roadway Design Unit
Brian Wert, PE, NCDOT Transportation Planning Branch
Planning Group Supervisor, NCDOT Transportation Planning Branch
James Dunlop, PE, NCDOT Congestion Management Section
Judith Corley-Lay, PhD, PE, NCDOT Pavement Management Unit
Patrick Riddle, NCDOT Division 3 Planning Engineer
Anthony Prinz, Jacksonville Urban Area MPO



Not To Scale



2015

AVERAGE ANNUAL DAILY TRAFFIC

LEGEND

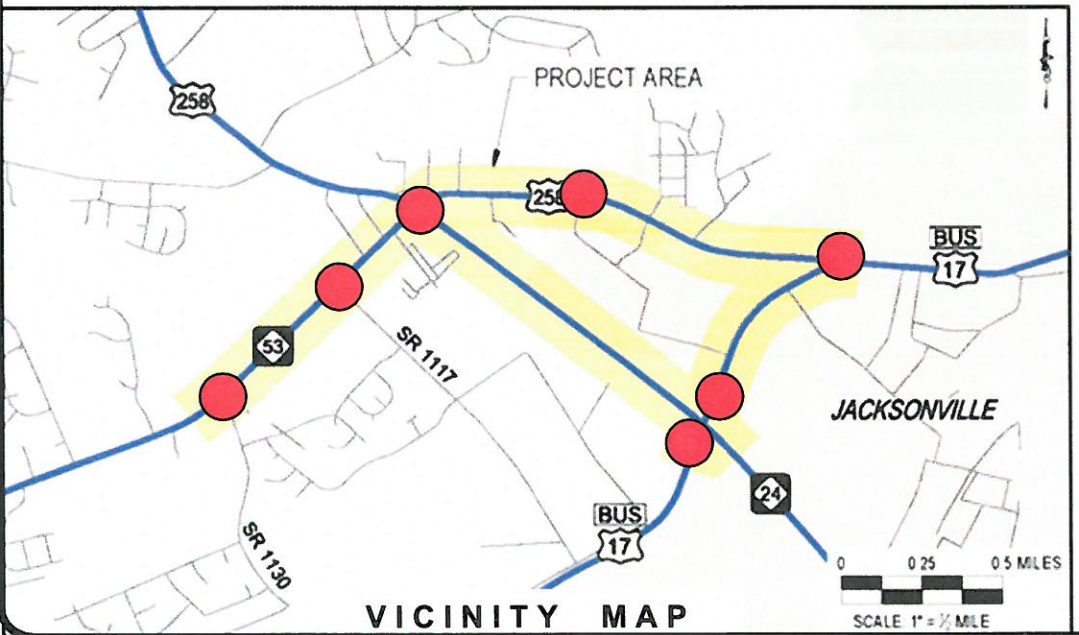
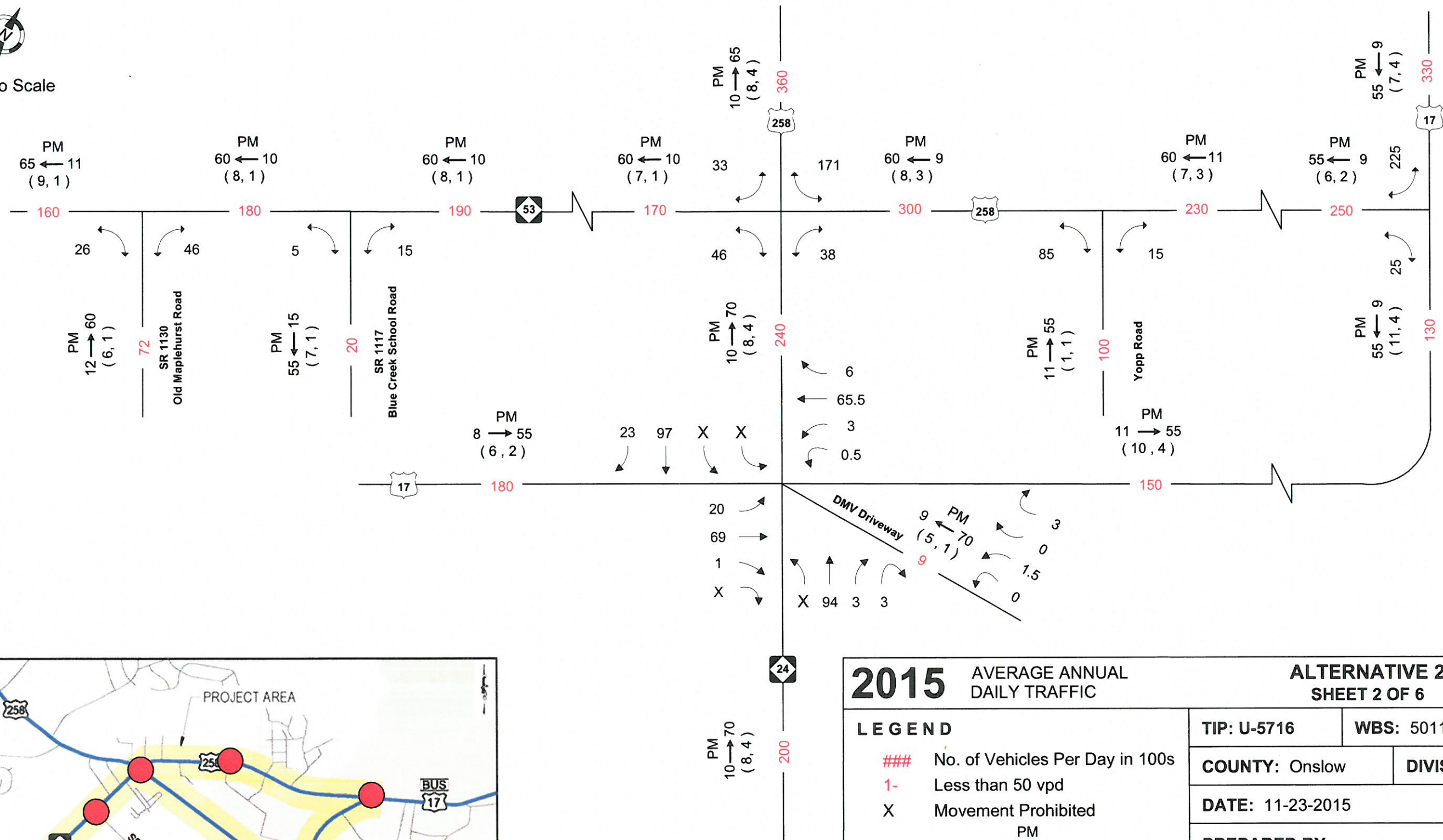
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- 1- Less than 50 vpd
- X Movement Prohibited
- PM K → D (d, t)
- K Design Hour Factor (%)
- PM PM Peak Period
- D Peak Hour Direction Split (%)
- Indicates Direction of D
- (d, t) Duals, TT-STs (%)

NO BUILD / ALTERNATIVE 1
SHEET 1 OF 6

TIP: U-5716	WBS: 50116.1.FS1
COUNTY: Onslow	DIVISION: 3
DATE: 11-23-2015	
PREPARED BY: SEPI Engineering & Construction	
LOCATION: Intersection of US 258 / NC 24 / NC 53, Jacksonville, NC	
PROJECT: Intersection Operations Improvements to US 258 / NC 24 / NC 53	



Not To Scale



2015

AVERAGE ANNUAL DAILY TRAFFIC

LEGEND

- ### No. of Vehicles Per Day in 100s
- 1- Less than 50 vpd
- X Movement Prohibited
- K Design Hour Factor (%)
- PM PM Peak Period
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- Indicates Direction of D
- (d, t) Duals, TT-STs (%)

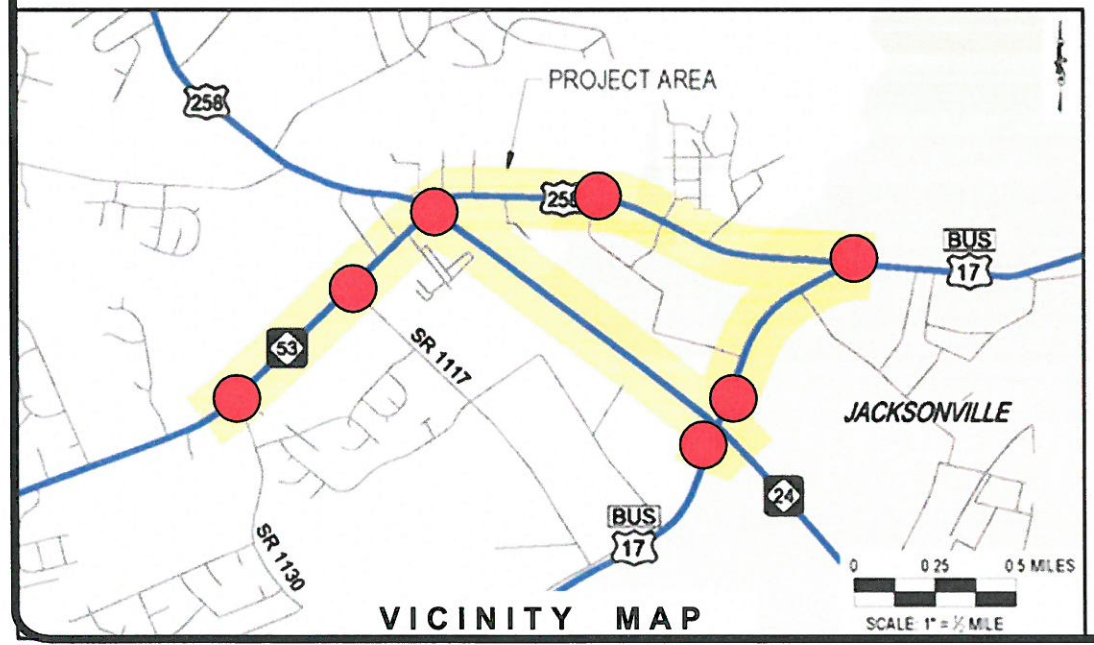
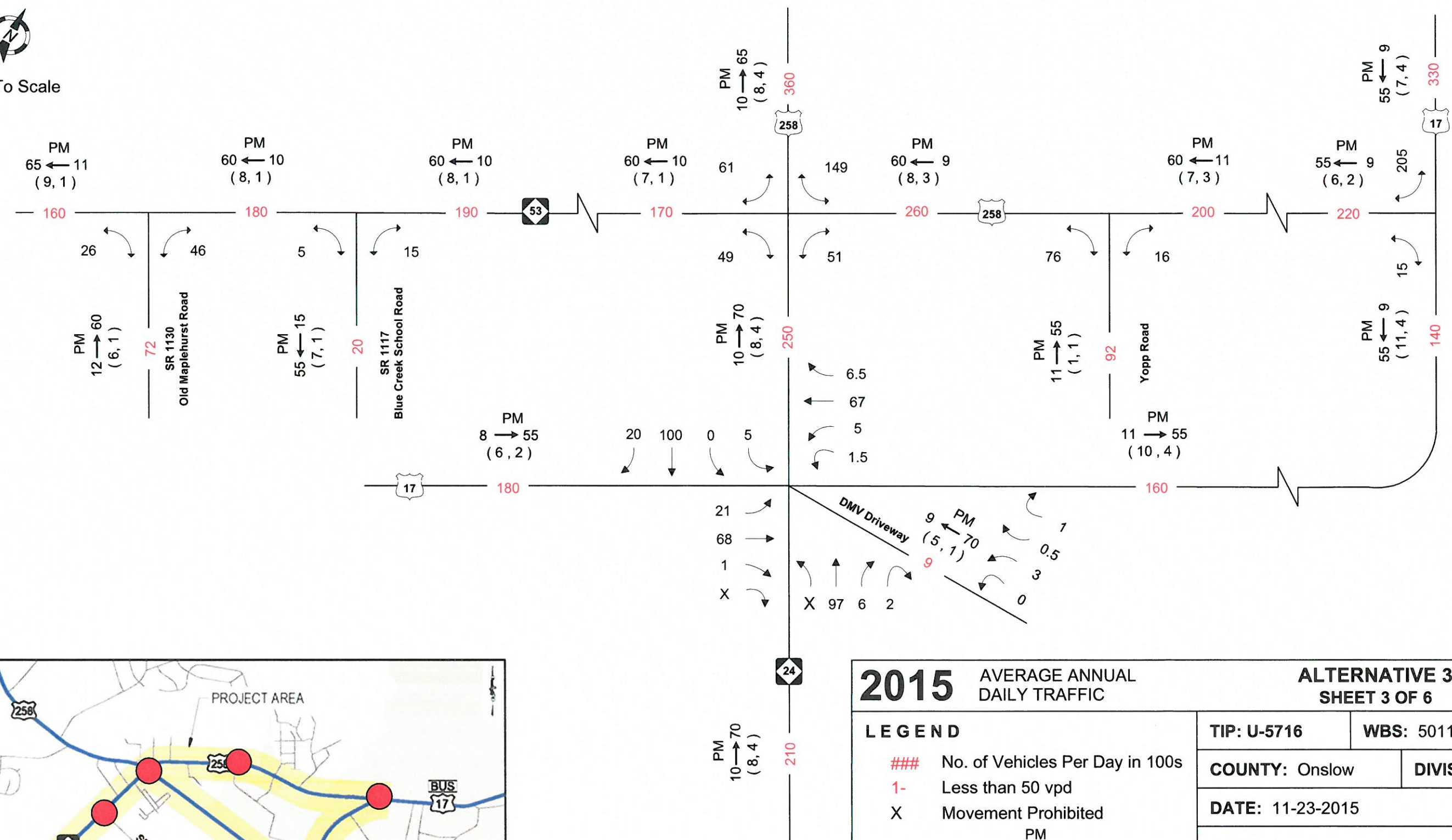
ALTERNATIVE 2

SHEET 2 OF 6

TIP: U-5716	WBS: 50116.1.FS1
COUNTY: Onslow	DIVISION: 3
DATE: 11-23-2015	
PREPARED BY: SEPI Engineering & Construction	
LOCATION: Intersection of US 258 / NC 24 / NC 53, Jacksonville, NC	
PROJECT: Intersection Operations Improvements to US 258 / NC 24 / NC 53	



Not To Scale



2015

AVERAGE ANNUAL DAILY TRAFFIC

LEGEND

- ### No. of Vehicles Per Day in 100s
- 1- Less than 50 vpd
- X Movement Prohibited
- PM Peak Period
- D Peak Hour Direction Split (%)
- Indicates Direction of D (d, t) Duals, TT-STs (%)

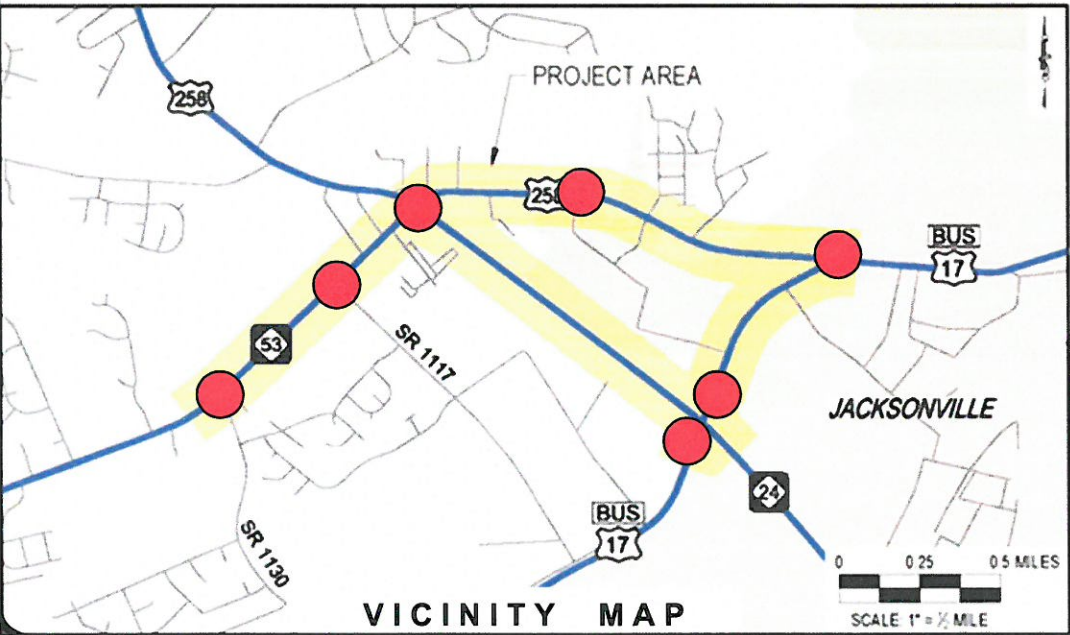
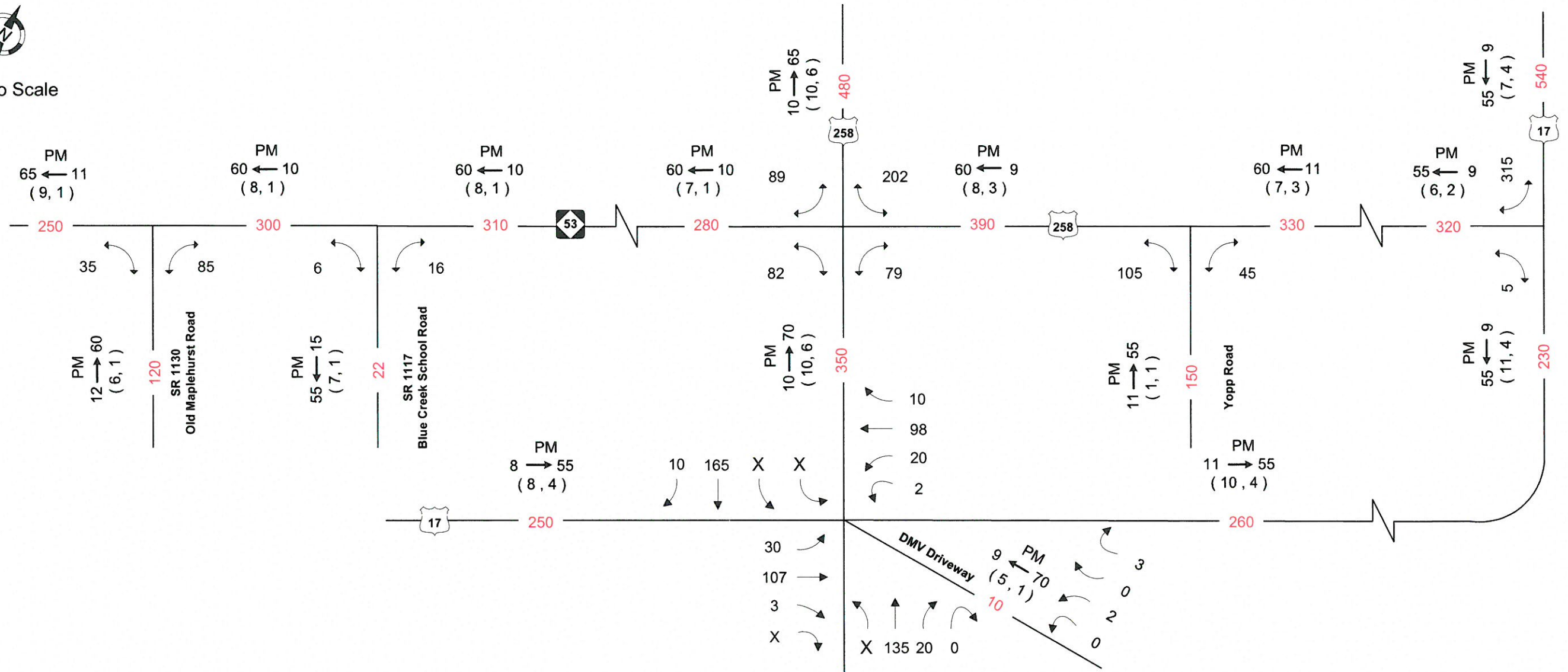
ALTERNATIVE 3

SHEET 3 OF 6

TIP: U-5716	WBS: 50116.1.FS1
COUNTY: Onslow	DIVISION: 3
DATE: 11-23-2015	
PREPARED BY: SEPI Engineering & Construction	
LOCATION: Intersection of US 258 / NC 24 / NC 53, Jacksonville, NC	
PROJECT: Intersection Operations Improvements to US 258 / NC 24 / NC 53	



Not To Scale



2040

AVERAGE ANNUAL
DAILY TRAFFIC

LEGEND

No. of Vehicles Per Day in 100s

1- Less than 50 vpd

X Movement Prohibited

PM
K → D
(d, t)

K Design Hour Factor (%)

PM PM Peak Period

D Peak Hour Direction Split (%)

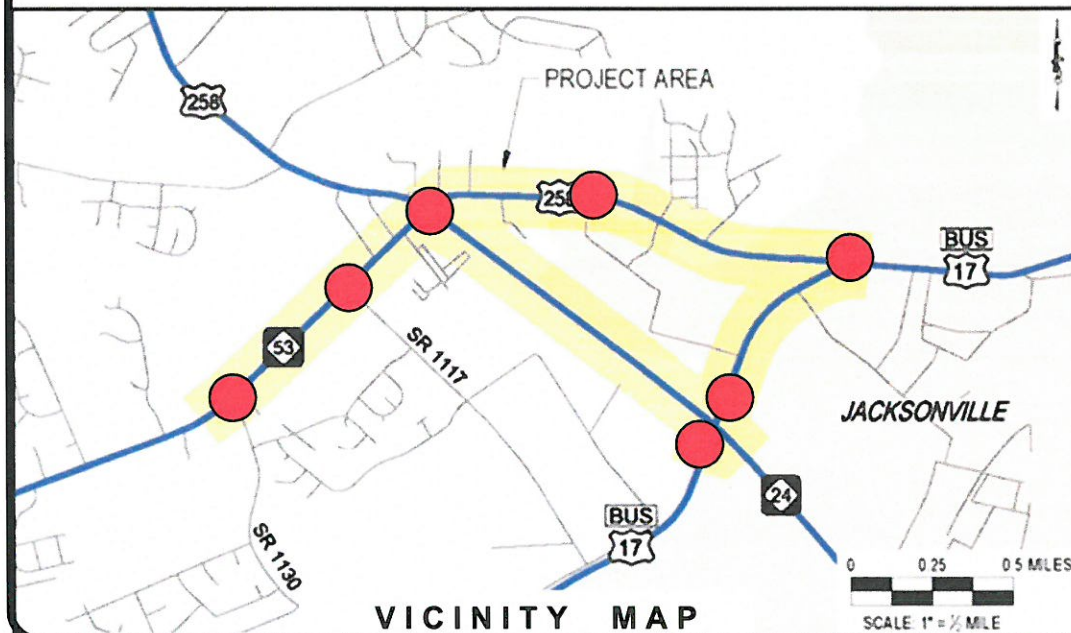
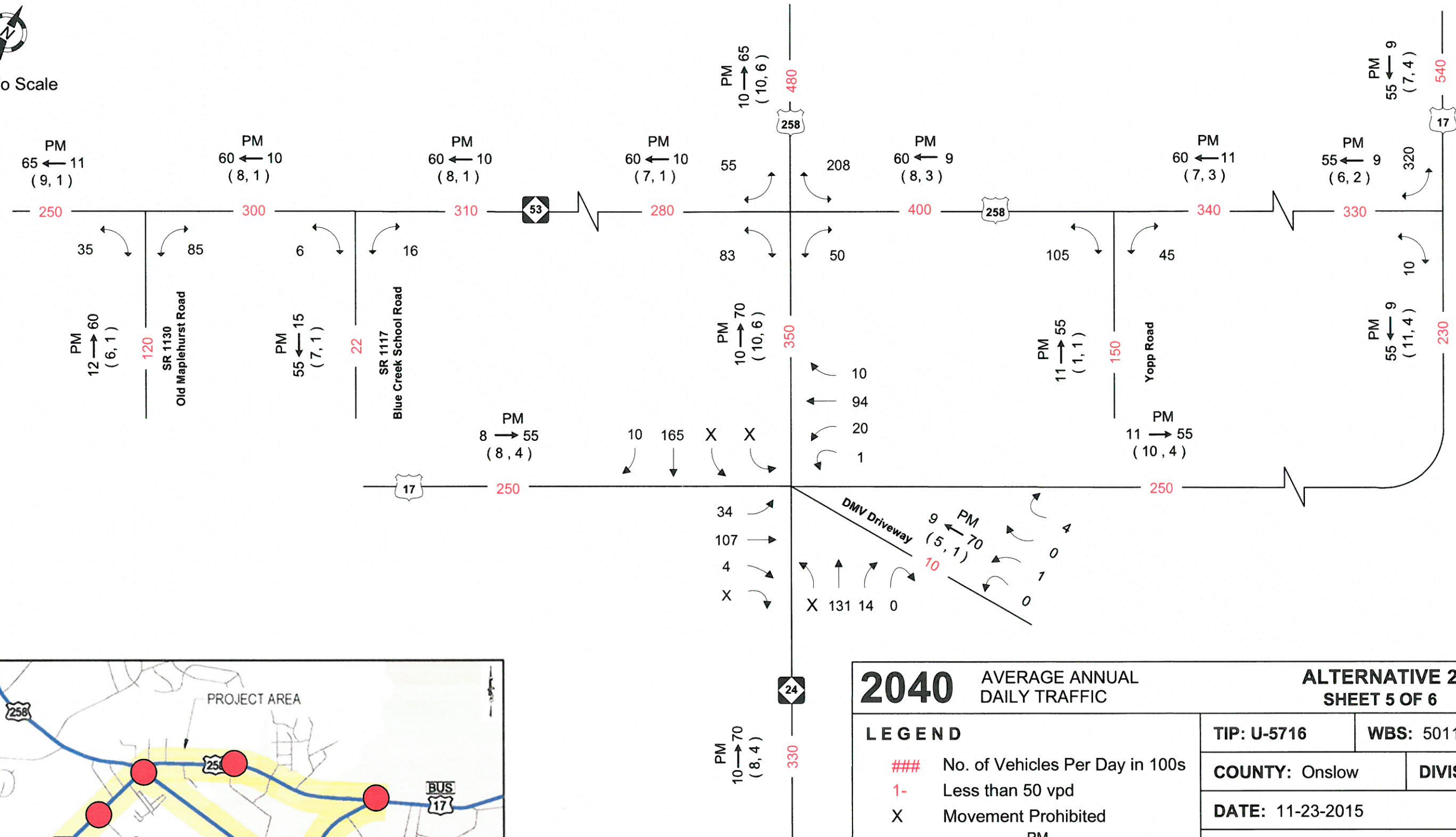
→ Indicates Direction of D
(d, t) Duals, TT-STs (%)

NO BUILD / ALTERNATIVE 1
SHEET 4 OF 6

TIP: U-5716	WBS: 50116.1.FS1
COUNTY: Onslow	DIVISION: 3
DATE: 11-23-2015	
PREPARED BY: SEPI Engineering & Construction	
LOCATION: Intersection of US 258 / NC 24 / NC 53, Jacksonville, NC	
PROJECT: Intersection Operations Improvements to US 258 / NC 24 / NC 53	



Not To Scale



2040

AVERAGE ANNUAL
DAILY TRAFFIC

ALTERNATIVE 2
SHEET 5 OF 6

LEGEND

- ### No. of Vehicles Per Day in 100s
- 1- Less than 50 vpd
- X Movement Prohibited
- PM
K → D
(d, t)
- K Design Hour Factor (%)
- PM PM Peak Period
- D Peak Hour Direction Split (%)
- Indicates Direction of D
- (d, t) Duals, TT-STs (%)

TIP: U-5716

WBS: 50116.1.FS1

COUNTY: Onslow

DIVISION: 3

DATE: 11-23-2015

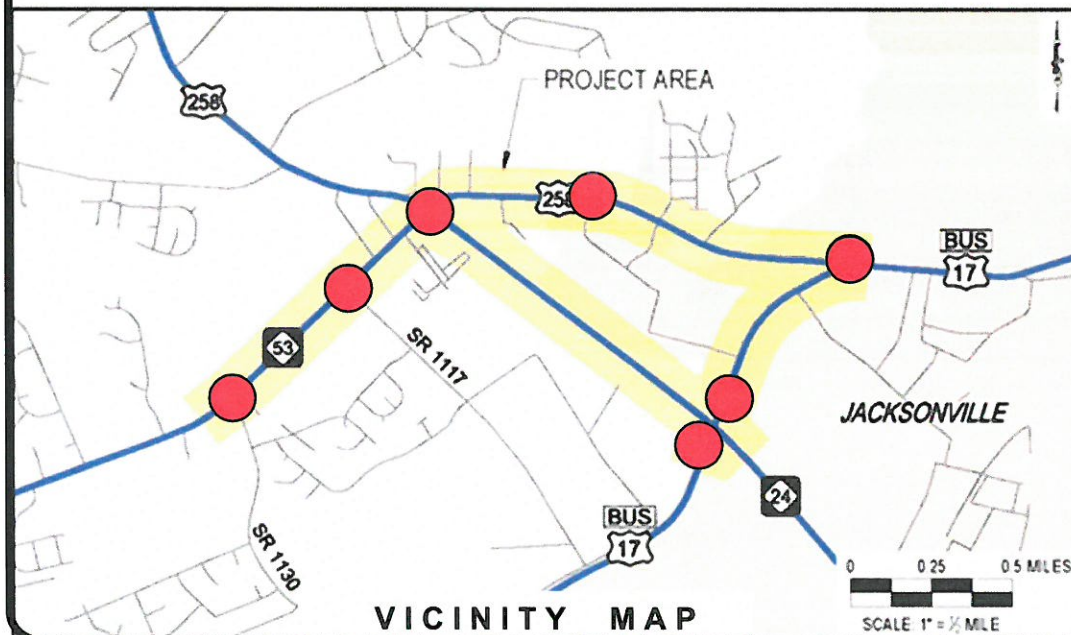
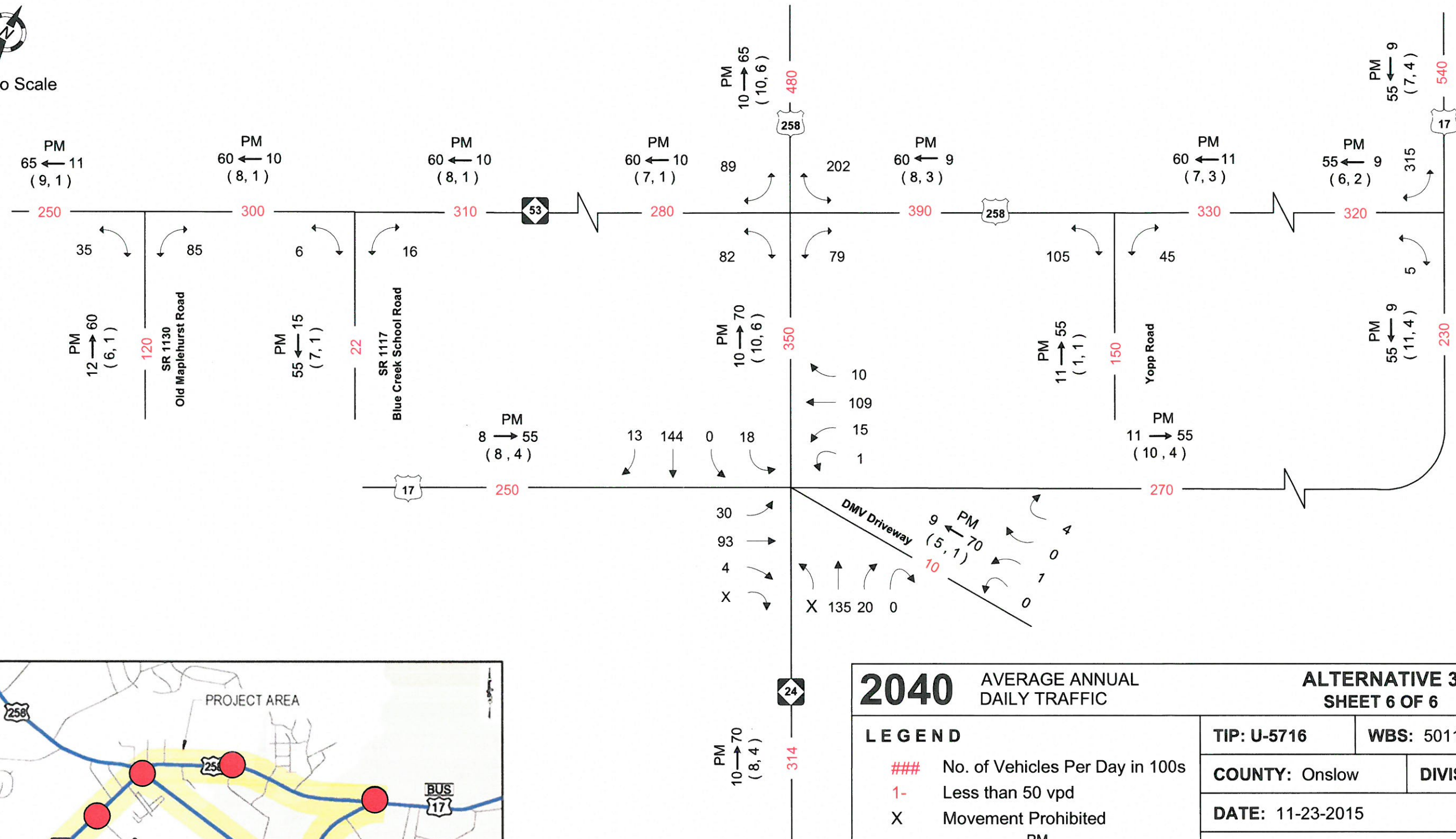
PREPARED BY: SEPI Engineering & Construction

LOCATION: Intersection of
US 258 / NC 24 / NC 53, Jacksonville, NC

PROJECT: Intersection Operations
Improvements to US 258 / NC 24 / NC 53



Not To Scale



2040

AVERAGE ANNUAL
DAILY TRAFFIC

ALTERNATIVE 3
SHEET 6 OF 6

LEGEND

- ### No. of Vehicles Per Day in 100s
- 1- Less than 50 vpd
- X Movement Prohibited
- PM
K → D
(d, t)
- K Design Hour Factor (%)
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- Indicates Direction of D
- (d, t) Duals, TT-STs (%)

TIP: U-5716

WBS: 50116.1.FS1

COUNTY: Onslow

DIVISION: 3

DATE: 11-23-2015

PREPARED BY: SEPI Engineering & Construction

LOCATION: Intersection of
US 258 / NC 24 / NC 53, Jacksonville, NC

PROJECT: Intersection Operations
Improvements to US 258 / NC 24 / NC 53

Project Level Traffic Forecast Report

TIP PROJECT U-5716

Intersection Operations Improvements to US 258 / NC 24 / NC 53 Onslow County

WBS # 50116.1.FS1

November 2015

Prepared By: SEPI Engineering & Construction

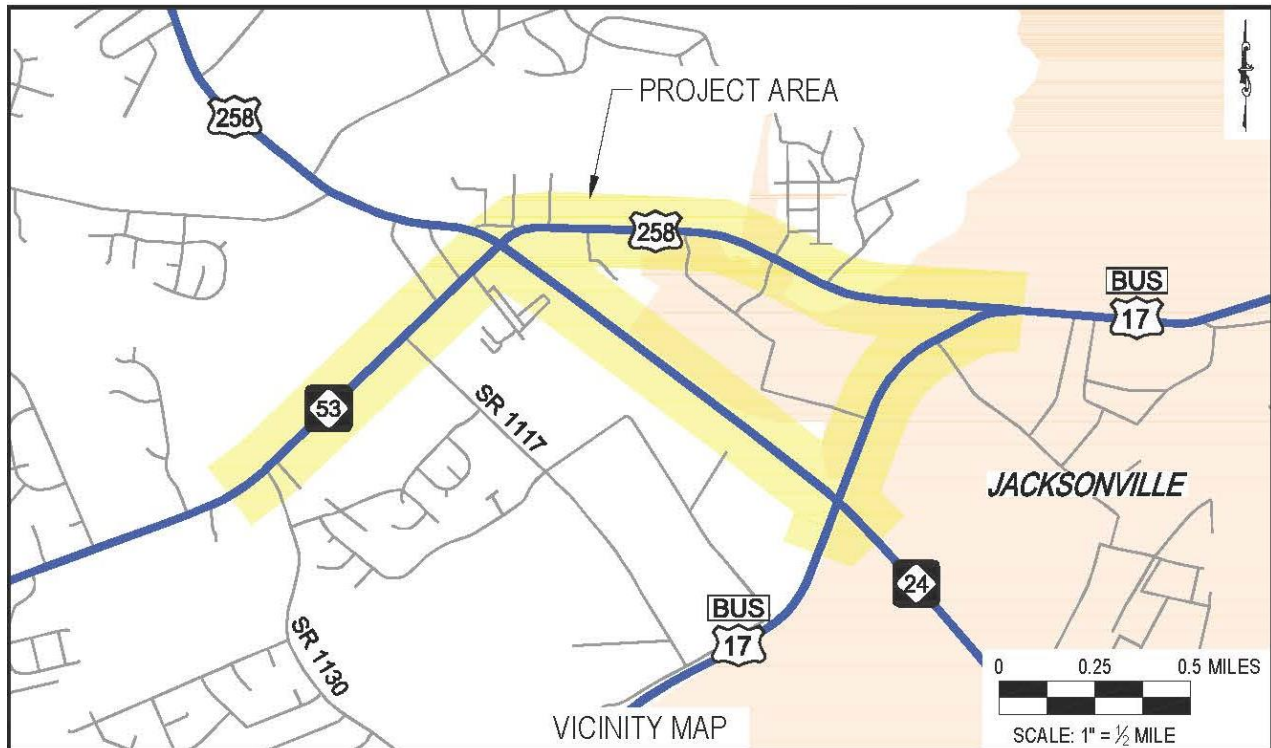


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- 2040 Alternative 3

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- Field Data Collection
- Field Investigation
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- Fiscal Constraint
- Development Activity
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- Alternatives
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B. AADT Trend Analysis and TFU sheets

C. Project Specific Traffic Counts

Traffic Forecast Report

1. Project Background

Project Request Information

This forecast was requested by Michele James of the Project Development and Environmental Analysis Branch on April 7, 2015. The forecast data will be included as part of an Environmental Assessment. This is the first known forecast for U-5716. Due to the proximity of Blue Creek Elementary School and Southwest High School, traffic counts were not conducted until the beginning of the Onslow County (traditional calendar) school year. A delivery date of December 8, 2015 was established based upon Transportation Planning Branch (TPB) standards.

U-5716 project is located in Onslow County in the vicinity of the intersection of US 258 / NC 24 / NC 53. SEPI was requested to provide a project level traffic forecast for the current and future years as described below:

- 2015 Base Year No Build
- 2015 Base Year Build Alternative 1
- 2015 Base Year Build Alternative 2
- 2015 Base Year Build Alternative 3
- 2040 Future Year No Build
- 2040 Future Year Build Alternative 1
- 2040 Future Year Build Alternative 2
- 2040 Future Year Build Alternative 3

Alternative 1 assumes geometric improvements to the intersection of US 258 / NC 24 / NC 53.

Alternative 2 assumes the construction of a grade separated southbound US 258 left-turn movement and that US 258 will be widened to accommodate a free flow (westbound to northbound) right-turn lane.

Alternative 3 assumes that the adjacent NC 24 / US 17 Business interchange is improved to include a left-turn movement from the NC 24 ramp to northbound US 17 Business (to include a new median break).

Forecast History

This is the first known forecast for U-5716.

Area Information

U-5716 project is located in Onslow County in the vicinity of the intersection of US 258 / NC 24 / NC 53. The land use within the forecast area is predominantly commercial. The City of Jacksonville is the home of the United States Marine Corps' Base Camp Lejeune and the Marine Corps Air Station New River (MCAS New River.)

Per the 2010 census, Onslow County had a population of 177,772 and a population density of 233.1 persons per square mile. Per the 2010 census, the City of Jacksonville had a population of 70,145 and a population density of 1,508.2 persons per square mile. As of June 2015, the City of Jacksonville had an unemployment rate of 6.2%.

The 735-acre Burton Business & Industrial Park is planned for development off US 258 east of Pony Farm Road in Onslow County. Currently, there are Onslow County Government Center and a construction material plant located within the park, but adjacent lots are mostly undeveloped.

Route Information

There are currently widening projects planned for NC 53 and Old Maplehurst Road, and a superstreet project planned on US 258 within the forecast area. All of these improvements are included in the Jacksonville Model runs used to produce this forecast.

Route	Federal Functional Classification	Roadway Characteristics	
		Current – 2015	MTP Proposed – by 2040
NC 24	Freeway	4-lanes, Divided	4-lanes, Divided
US 258	Principal Arterial	4-lanes with Center Turn Lane	East of NC 53 : 4-lanes with Center Turn Lane West of NC 53 : 4-lanes, Divided
US 17	Principal Arterial	4-lanes, Divided	4-lanes, Divided
NC 53	Minor Arterial	East of Onslow Pines Rd : 2-lanes with Center Turn Lane West of Onslow Pines Rd : 2-lanes	2-lanes with Center Turn Lane
Old Maplehurst Road	Major Collector	2-lanes	4-lanes
Blue Creek School Road	Local	2-lanes	2-lanes
Yopp Road	Local	2-lanes	2-lanes

2. Sources of Information and Data

Related Forecasts

No previous forecast has been completed in the forecast area.

Historic AADT

The Historic Average Annual Daily Traffic (AADT) volumes between 1994 and 2014 were considered for the preparation of this forecast. **Table 1** (located in **Appendix A**) shows 20 years of historic AADT data used in the preparation of the 2015 forecast. All AADT Trend Analysis information is located in **Appendix B**.

Field Data Collection (TSG)

Traffic counts were counted for this project by SEPI. All project specific traffic counts are located in **Appendix C**.

Location	Count Type	Date(s)	TSG Site "ID" No.	County
US 258 / NC 24 / NC 53	16-Hour Turning Movement	9/1/15 - 9/2/15	N/A	Onslow
NC 53 / SR 1117 (Blue Creek School Rd)	16-Hour Turning Movement	9/2/15	N/A	Onslow
NC 53 / SR 1130 (Old Maplehurst Rd)	16-Hour Turning Movement	9/2/15	N/A	Onslow
US 17 Business / NC 24 Westbound Ramps	16-Hour Turning Movement	9/9/15 - 9/10/15	N/A	Onslow
US 258 / US 17 Business	16-Hour Turning Movement	9/8/15 - 9/9/15	N/A	Onslow
US 258 / Yopp Rd	16-Hour Turning Movement	9/1/15	N/A	Onslow
US 258 west of NC 53	48-Hour Vehicle Class	9/15/15 – 9/17/15	N/A	Onslow
NC 24 east of NC 53	48-Hour Vehicle Class	8/31/15 - 9/3/15	N/A	Onslow
NC 53 south of US 258	48-Hour Vehicle Class	8/31/15 - 9/3/15	N/A	Onslow
US 258 east of US 258	48-Hour Vehicle Class	8/31/15 - 9/3/15	N/A	Onslow
NC 53 south of SR 1117 (Blue Creek School Rd)	48-Hour Vehicle Class	8/31/15 - 9/3/15	N/A	Onslow
SR 1117 (Blue Creek School Rd) east of NC 53	48-Hour Vehicle Class	8/31/15 - 9/3/15	N/A	Onslow
NC 53 south of SR 1130 (Old Maplehurst Rd)	48-Hour Vehicle Class	8/31/15 - 9/3/15	N/A	Onslow
SR 1130 (Old Maplehurst Rd) east of NC 53	48-Hour Vehicle Class	8/31/15 - 9/3/15	N/A	Onslow
NC 24 EB On-Ramp	48-Hour Vehicle Class	9/7/15 - 9/10/15	N/A	Onslow
NC 24 EB Off-Ramp	48-Hour Vehicle Class	9/7/15 - 9/10/15	N/A	Onslow
US 17 Business south of NC 24 EB Ramps	48-Hour Vehicle Class	9/7/15 - 9/10/15	N/A	Onslow
NC 24 WB On-Ramp	48-Hour Vehicle Class	9/7/15 - 9/10/15	N/A	Onslow
NC 24 WB Off-Ramp	48-Hour Vehicle Class	9/7/15 - 9/10/15	N/A	Onslow
US 17 Business south of NC 24 WB Ramps	48-Hour Vehicle Class	9/7/15 - 9/10/15	N/A	Onslow
US 17 Business east of US 258	48-Hour Vehicle Class	9/7/15 - 9/10/15	N/A	Onslow
US 17 Business south of US 258	48-Hour Vehicle Class	9/7/15 - 9/10/15	N/A	Onslow
US 258 east of Yopp Rd	48-Hour Vehicle Class	9/7/15 - 9/10/15	N/A	Onslow

Field data was converted from raw count data to AADT volumes using two methods. For the 48-hour tube counts, the count data was averaged and then multiplied by a seasonal factor (ATR Group 4) to get AADT volumes. For the 16-hour turning movement counts, the data was first factored to 24-hours by multiplying by an expansion factor (selected based on route type) and then multiplied by a seasonal factor to get to an AADT volume. Seasonal Adjustment Factors and Partial Weekday Count Expansion Factors were obtained from TPB Traffic Survey Group in September 2015.

Field Investigation

An onsite field investigation was conducted on Friday, July 24, 2015. At the time of observation, no development was observed to be under construction. The land use within the forecast area is predominantly commercial. Freedom Village Shopping Center, a large area commercial development, is located off Yopp Road east of the intersection of US 258 / NC 24 / NC 53. This development includes Walmart, Lowe's, and several outparcels. This shopping center is largely built-out with little room for new developments. Within the project study area, US 17 Business

serves as an access to MCAS New River. There are 2 schools located on NC 53 to the west of US 258 / NC 24 / NC 53 intersection.

Transportation Plans

The 2016-2025 State Transportation Improvement Program (2016-2025 STIP), adopted June 2015, and the Jacksonville Urban Area Metropolitan Planning Organization 2040 Long Range Transportation Plan (JUMPO 2040 LRTP), adopted April 2015, were reviewed. The following planned improvements are included in the Jacksonville Model runs used to produce this forecast:

- US 17 – New Interchange – SR 1130 (Old Maplehurst Rd)
 - TIP U-5735 (SPOT ID: H090800)
 - Funded for Construction in the 2016-2025 STIP
 - Assumed 2020 completion
- US 258 – Superstreet – SR 1212 (Pony Farm Rd) to NC 53 (Burgaw Hwy)
 - TIP U-5739 (SPOT ID: H090888)
 - Funded for Construction in the 2016-2025 STIP
 - Assumed 2023 completion
- NC 53 – Widening – SR 1135 (Morningside Rd) to SR 1109 (Holly Shelter Rd)
 - TIP R-5023 (SPOT ID: H090884)
 - Widen to 3 lanes
 - Funded for Construction in the 2016-2025 STIP
 - Project partially complete between Morningside Rd to Onslow Pines Rd
 - Right of way in progress between Onslow Pines Rd and Holly Shelter Rd
 - Assumed 2016 completion
- SR 1130 (Old Maplehurst Rd) – Widening – US 17 (Wilmington Hwy) to NC 53 (Burgaw Hwy)
 - Not included in the 2016-2025 STIP
 - Included in the financially constrained JUMPO 2040 LRTP (SPOT ID: H140427)
 - Widen from 2 lanes to 4 lanes
 - Can be funded in the cost band of 2026-2030

Local Land Use Plans

Currently, there are predominantly commercial land uses within the forecast area. The following future land use plans were reviewed and show no major changes in land use from the present:

- The City Of Jacksonville Coastal Area Management Act Land Use Plan, Adopted 2011 with 2015 update
 - To the northeast of the intersection of US 258 / NC 24 / NC 53, along US 258 :
 - North side : Neighborhood Commercial
 - South side : Regional Commercial
- Onslow County Comprehensive Plan, Adopted 2009 with 2014 update
 - To the northwest of the intersection of US 258 / NC 24 / NC 53, along US 258 :
 - East side : Area-Wide Commercial Activity Center and Industrial
 - West side : High-Density Residential
 - To the southwest of the intersection of US 258 / NC 24 / NC 53, along NC 53
 - Area-Wide Commercial Activity Center and High-Density Residential

Other Sources

The following people were contacted for information:

Name of Contact	Organization	Date of Contact	Contact Info.	Information
Anthony Prinz	JUMPO Administrator	7/25/15	910-938-5292	Call returned through Peggy Holland on 7/28/15
Abigail Barman	Senior Planner – City of Jacksonville	7/25/15	910-938-5028	Recommended conservations with Peggy Holland and Timothy Richards
Tim Richards	Planner – Onslow County	7/25/15	910-989-3089	Rezoning request at NC 53 / Pony Farm Road Burton Business & Industrial Park east of Pony Farm Rd
Peggy Holland	Senior Transportation Planner – City of Jacksonville	7/28/15	910-938-5073	Planned improvements (until 2040): U-5735; U-5719; U-5739; NC 53 widening; Old Maplehurst Rd Widening
				NC 24 diverted traffic from US 17 Business but an infill is expected to take place due to nearby commercial developments
		9/2/15		Recent improvements (last 5 yrs) : U-5132; U-4007 A&B
Behshad Norowzi	TPB - Northeast Planning - Group Supervisor	8/3/15	919-707-0920	No information on planned/approved developments
Soon Chung	TPB – Technical Services Unit - Transportation Engineer	8/13/15	919-707-0956	Provided the Jacksonville Model
		9/15/15		Targeted April weekday ADT when calibrating the model. However, AADT was used because week ADT was similar to AADT
Nazia Sarder	TPB - Northeast Planning - Transportation Engineer	9/9/15	919-707-0980	After conversation with Peggy Holland, recommended update the total number of employees in TAZ 168 within 2040 SE data to 2,000
Michele James	NCDOT Contact Engineer	9/23/15	919-707-6027	Recommended conversation with Roger Henderson
Roger Henderson	PEF coordinator	9/23/15	919-781-4626	Agreed to assume a dual-lane flyover and dual-lane right-turn lane for Alternative 2
Katie Hite	Division Traffic Engineer – NCDOT Division 3	10/8/15	910-341-2000	Confirmed the AADT growth rates through 2040

3. Base Year 2015 No Build Forecast

Assumptions

No new developments in the immediate project vicinity will affect the 2015 estimate.

Methodology

Historic AADT information, along with the turning movement and mainline counts from August and September of 2015, were used to determine current AADTs and turning movements. AADT information is located in **Table 2**. Turning movement and mainline count data values were comparable and were found to be acceptable for use in this forecast. Turning movement counts were balanced using the Traffic Forecast Utility (TFU) Intersection Analysis tool. All TFU sheets are located in **Appendix B**. It should be noted that when the existing count data was seasonally adjusted, it was found to be less than extrapolated historic AADT volumes. As unadjusted counts more closely matched extrapolated historic volumes, it was determined that seasonal adjustment factors were not appropriate for use in this location.

Three breakpoints were included in the analyzed area due to significant changes in traffic volumes along each route. The volume changes are due to traffic generators along corridors. The break locations include:

- US 258 between Yopp Road and US 17 Business
- NC 53 between US 258 / NC 24 and SR 1117
- US 17 Business between US 258 and NC 24 WB Ramps

Design Factors

D- and K-factors were determined by analysis of the turning movement and mainline counts obtained for this project in August and September 2015. TTST and Duals were determined primarily by using mainline tube counts as this yielded more consistent results. D and K-factors are located in **Table 3** where TTSTs and duals are located in **Table 4**.

4. General Model Data

Model Information

Jacksonville Model (approved in 2015)

Base Year: 2010

Interim Year: 2015

Horizon Year: 2040

Type of model outputs: AADT

A Model Validation table is located in **Table 5**. Overall, model values were found to be low compared to 2010 AADTs.

2015 Model

The 2015 intermediate year model was developed specifically for this forecast. The following improvements were coded into the 2010 Highway Line Layer to create the 2015 model runs:

- NC 24 – New Base Entry Road – SR 1308 (Bell Fork Road) to US 17 Bypass
 - U-5132
 - Completion: December 2014
- US 17– Extension – Country Club Road to Western Boulevard at Gateway North

- U-4007 A&B
- Completion: April 2014

2015 Socio-Economic (SE) data and External-External (EE) trips were determined using an interpolation of the given 2010 and 2040 values.

2040 Model

The 2040 Future Year Jacksonville Model was reviewed for its appropriateness as a tool in the development of this forecast. Based upon a review of the 2010 and 2040 SE data there will be substantial employment growth in the Burton Business and Industrial Park TAZ. The table below summarizes the number of employees in this area within the 2010 and 2040 SE data. Thus, it is determined that the Jacksonville Model SE data reasonably accounts for the major future development within the forecast area.

Year	TAZ	Number of Employees						
		Retail	Highway Retail	Service	Industry	Office	Military	Total
2010	158	0	0	4	2	0	0	6
2040		0	0	627	269	0	0	869

Jacksonville Model SE data shows a decrease in the number of employees between 2010 and 2040 in the Freedom Village Shopping Center TAZ. The table below summarizes the number of employees in this area within the 2010 and 2040 SE data. The Freedom Village development currently has room for additional expansion and employment growth contrary to model projections. Through conversations with the TPB and City of Jacksonville, it was determined that the number of employees would most likely increase to 2,000 in this TAZ between 2010 and 2040. The model was updated and these changes were included in the 2015 (interpolated) and 2040 SE data.

Year	TAZ	Number of Employees						
		Retail	Highway Retail	Service	Industry	Office	Military	Total
2010 (original)	168	11	75	123	1	41	0	251
2040 (original)		5	36	59	0	19	0	119
2015 (updated - interpolated)		24	162	266	2	89	0	543
2040 (updated)		88	597	980	8	327	0	2,000

2015 and 2040 Model Edits

Based upon a review of the Jacksonville Model Highway Line Layer the following updates were applied in both 2015 and 2040 model runs.

Link ID	Name	Field	New values
1302	Richlands Hwy	Posted Speed	45 mph
1305	Richlands Hwy	Posted Speed	45 mph
1293	NC 24	Posted Speed	45 mph
1309	NC 24	Posted Speed	45 mph
1499	US 17 BR	Posted Speed	45 mph
1494	S Marine Blvd	Posted Speed	45 mph
1489	Wilmington Hwy	Posted Speed	45 mph
1497	Wilmington Hwy	Posted Speed	45 mph
1476	Wilmington Hwy	Posted Speed	55 mph
1441	Wilmington Hwy	Posted Speed	55 mph
1435	Wilmington Hwy	Posted Speed	55 mph
3405	Burgaw Hwy	DIVIDED	Undivided
1489	Wilmington Hwy	AB Lanes	3
1497	Wilmington Hwy	AB Lanes	3
1492	Richlands Hwy	AB Lanes	1
1496	Richlands Hwy	AB Lanes	1
1490	Wilmington Hwy	BA Lanes	3
1494	S Marine Blvd	BA Lanes	3
1499	US 17 BR	BA Lanes	3
1502	Richlands Hwy	BA Lanes	3
1498	Richlands Hwy	BA Lanes	3

5. Base Year 2015 Build Forecast

Assumptions

Based on discussions with the TPB and the City of Jacksonville, it is determined that the number of employees in the Freedom Village Shopping Center area will most likely be 543 in 2015 (described in more detail in Section 4 of this document). This new value is incorporated in the 2015 Jacksonville Model SE data within the model runs. No additional development beyond the amount entered into the model is expected prior to 2015.

Alternatives

- Alternative 1
 - This alternative assumes intersection improvements to US 258 / NC 24 / NC 53. No model run was created for this alternative due to the model's inability to analyze lane configuration change. 2015 Base Year No Build volumes may substitute for 2015 Base Year Build volumes for Alternative 1 as the intersection improvements are not expected to substantially change travel demand within the forecast area.
- Alternative 2
 - A model run was created specifically for this alternative.
 - Includes a new grade separated flyover for the southbound US 258 left-turn movement and a free flow westbound right-turn lane at the intersection of US 258 / NC 24 / NC 53
 - Includes all other fiscally constrained projects scheduled to be complete and open by 2015.

- This model run was used to estimate the proportional change in traffic volumes brought about by the construction of the new flyover and free flow right-turn lane. The proportional change between the model runs with and without the new flyover and free flow right-turn lane was applied to the 2015 No Build AADT to estimate 2015 Build AADTs for Alternative 2.
- Alternative 3
 - A model run was created specifically for this alternative.
 - Includes a left-turn movement from the NC 24 WB ramps to northbound US 17 Business
 - Includes all other fiscally constrained projects scheduled to be complete and open by 2015.
 - This model run was used to estimate the proportional change in traffic volumes brought about by the median break and construction of the new left-turn lane. The proportional change between the model runs with and without the new median opening was applied to the 2015 No Build AADT to estimate 2015 Build AADTs for Alternative 3.

Methodology

Jacksonville Model output was used to estimate the proportional change in traffic volumes brought about by the construction of each alternative. **Table 6** shows the 2015 traffic volumes generated by the model runs for each alternative. The proportional change between the 2015 Jacksonville Model runs with and without each alternative was applied to the 2015 No Build AADT in order to estimate the 2015 Build AADT for each alternative. After the model diversion was applied, each intersection was rebalanced. Proportional changes of 3% or less were considered too minor to be regarded as substantial. The 2015 Base Year Build estimates can be found at **Table 7**.

- Alternative 2 :

The model shows a minimal increase in traffic along US 258 west of Morningside Drive (prior the start of the flyover and after the ending of free flow right-turn lane in the model). However, the new grade separated flyover will redistribute approximately 2,000 trips from NC 24 onto US 258 east of NC 53 from both directions according to the model runs. This increase can be roughly split into 1,500 westbound and 500 eastbound trips (respectively). The westbound NC 24 west of US 17 on-ramp terminal decreases by approximately 1,500 trips as does southbound US 17 south of US 258 in the Alternative 2 model runs. Model runs also project southbound NC 24 south of US 17 Business on-ramp terminal decreases by approximately 500 trips whereas the eastbound US 17 Business east of US 258 also increases by approximately 500 trips. Thus, both eastbound and westbound traffic are projected to traverse through US 258 as opposed to bypassing NC 24 due to the new grade separated flyover and free flow right-turn lane.

- Alternative 3 :

For 2015 BY B Alternative 3, a negligible change in trips is projected to occur north and west of the proposed median break. Where construction of Alternative 3 will not generate a significant increase in traffic volume along NC 24, model runs project that NC 24 EB Off-Ramp volumes will increase by approximately 500 vehicles. Because only the left-turn movement is currently prohibited at US 17 Business / NC 24 EB Off-ramp, it is assumed the

majority of the additional 500 trips are those wishing to make a left turn onto northbound US 17 Business. This is further validated by the approximately 500 trip increases along US 17 Business south of NC 24 WB Ramps. In the meantime, southbound US 17 Business south of US 258 decreases by approximately 500 trips. Thus, it was determined that the construction of a median break and left-turn movement will primarily serve those vehicles wishing to access Broadhurst Road between NC 24 and US 17 Business.

Design Factors

No changes in design factors or truck percentages from the 2015 No Build scenario are projected for the 2015 Build forecast.

6. Future Year 2040 No Build Forecast

Assumptions

Based on discussions with the TPB and the City of Jacksonville, it is determined that the number of employees in the Freedom Village Shopping Center area will most likely increase to 2,000 by 2040. This new value is incorporated in the 2040 Jacksonville Model SE data within the model runs. No additional development beyond the amount entered into the model is expected prior to 2040.

Fiscal Constraint

The 2016-2025 State Transportation Improvement Program (2016-2025 STIP) and the Jacksonville Urban Area Metropolitan Planning Organization 2040 Long Range Transportation Plan (JUMPO 2040 LRTP) were reviewed. The following planned improvements are included in the Jacksonville Model runs used to produce this forecast:

- US 17 – New Interchange at SR 1130 (Old Maplehurst Rd)
 - 2016 – 2025 STIP U-5735 (SPOT ID: H090800)
- US 258 – Superstreet – SR 1212 (Pony Farm Rd) to NC 53 (Burgaw Hwy)
 - 2016 – 2025 STIP U-5739 (SPOT ID: H141536)
- NC 53 – Widening – SR 1135 (Morningside Rd) to SR 1109 (Holly Shelter Rd)
 - 2016 – 2025 STIP R-5023 (SPOT ID: H090884)
- SR 1130 (Old Maplehurst Rd) – Widening – US 17 (Wilmington Hwy) to NC 53 (Burgaw Hwy)
 - JUMPO 2040 LRTP (SPOT ID: H140427)

Each project was described in more detail in Section 2 of this document.

Development Activity

The 735-acre Burton Business and Industrial Park is planned for development east of Pony Farm Road between Richlands and Jacksonville in Onslow County. This development is assumed to be built-out by 2040 and falls within the scope of the projected employment growth included in the 2040 Jacksonville Model SE data.

Methodology

For the 2040 Future Year No Build Forecast, two primary factors were considered when developing volumes.

First, the historic growth rate was calculated using AADT data. The current year AADT was then extrapolated to 2040 using the historic compound growth rates. It should be noted, due to the construction of NC 24 in 2006, historic traffic data along NC 24 and US 17 Business offers an unreliable prediction of future traffic volumes. Data trends show a negative growth rate in these areas. Traffic volumes are continuing to normalize and are expected to grow in the future due to nearby commercial developments and the proposed business and industrial park.

Second, the 2010 to 2040 model growth was calculated and used as the primary method to determine 2040 No Build Forecast. It seems unlikely that future decades will see negative or steady high growth rates in this area considering the project and surrounding area activity. Thus, the model growth rates were adjusted to between 0.5% and 2% and applied to the 2015 No Build AADT volumes in order to estimate 2040 No Build AADTs. After growth rate were applied, each intersection were rebalanced. A growth rate table can be found in **Table 8**.

Design Factors

The 735-acre Burton Business & Industrial Park is planned for development off US 258 east of Pony Farm Road between Richlands and Jacksonville in Onslow County. Currently, there are Onslow County Government Center and a construction material plant located within the park but other lots are primarily undeveloped. As Burton Park is expected to be built-out by 2040 including a mix of industrial and business developments, 2% increases in truck percentages are estimated along the route between the park and Wilmington in the 2040 No Build forecast from the percentages shown in the 2015 No Build scenario. New TTSTs and duals are located in **Table 9**. No changes in K- and D-factors are estimated due to the construction of future developments from the 2015 No Build forecast to the 2040 No Build forecast.

7. Future Year 2040 Build Forecast

Assumptions

All assumptions used to develop this scenario are identical to those used to develop the 2040 No Build forecast.

Alternatives

- Alternative 1
 - This alternative assumes US 258 / NC 24 / NC 53 intersection improvements. No model run was created for this alternative due to the model's inability to analyze lane configuration changes. 2040 Future Year No Build volumes may substitute

for 2040 Future Year Build volumes for Alternative 1 as the intersection improvements are not expected to substantially change travel demand within the forecast area.

- Alternative 2
 - A model run was created specifically for this alternative.
 - Includes a new grade separated flyover for the southbound US 258 left-turn movement and a free flow westbound right-turn lane at the intersection of US 258 / NC 24 / NC 53
 - Includes all other fiscally constrained projects scheduled to be complete and open by 2040.
 - This model run was used to estimate the proportional change in traffic volumes brought about by the construction of the new flyover and free flow right-turn lane. The proportional change between the model runs with and without the new flyover and free flow right-turn lane was applied to 2040 No Build AADTs to estimate 2040 Build AADTs for Alternative 2.
- Alternative 3
 - A model run was created specifically for this alternative.
 - Includes a left-turn movement from the NC 24 WB ramps to northbound US 17 Business
 - Includes all other fiscally constrained projects scheduled to be complete and open by 2040.
 - This model run was used to estimate the proportional change in traffic volumes brought about by the median break and construction of the new left-turn lane. The proportional change between the model runs with and without the median break was applied to the 2040 No Build AADT in order to estimate the 2040 Build AADTs for Alternative 3.

Methodology

Jacksonville Model output was used to estimate the proportional change in traffic volumes brought about by the construction of each alternative. **Table 10** shows the 2040 traffic volumes generated by the model runs for each alternative. The proportional change between the 2040 Jacksonville Model runs with and without each alternative was applied to the 2040 No Build AADT in order to estimate the 2040 Build AADT for each alternative. After the model diversion was applied, each intersection was rebalanced. Proportional changes of 3% or less were considered too minor to be regarded as substantial. The 2040 Base Year Build estimates can be found at **Table 11**.

- Alternative 2 :

The model shows a minimal increase in traffic along US 258 west of Morningside Drive (prior the start of the flyover and after the ending of free flow right-turn lane in the model). However, the new grade separated flyover is projected to attract additional trips to the intersection of US 258 / NC 24 / NC 53. Approximately 600 trips are projected to be redistributed from Morningside Drive to the intersection. Without the construction of the flyover, these trips used Morningside Drive as an alternative route to avoid traversing the intersection. Per the model, the grade separated flyover will also redistribute westbound traffic from NC 24 to US 258. In the 2040 FY B Alternative 2 model, approximately 600 additional westbound trips will be added to US 258 west of US 17 Business as compared to

the 2040 FY NB model. Because of this increase, trips along southbound US 17 south of US 258 are reduced approximately 500 trips. It can be deduced that a portion of the westbound traffic projected to use NC 24 will be rerouted to US 258 due to the construction of Alternative 2.

- Alternative 3 :

For 2040 FY B Alternative 3, a negligible change in vehicles is projected to occur north of the forecast area as compared to the 2040 FY NB model. However, the new left-turn movement is projected to attract additional trips to the intersection of US 258 / NC 24 / NC 53. Approximately 200 trips are projected to be redistributed from Blue School Creek Road to US 258 toward the intersection of US 258 / NC 24 / NC 53. Without the construction of the median break, these trips used Blue School Creek Road as an alternative route to avoid traversing the intersection. Where construction of Alternative 3 will still generate a minimal increase in traffic volume along NC 24, model runs project that NC 24 EB Off-Ramp volumes will increase by approximately 900 vehicles. Models runs also project approximately 900 vehicles making a left turn onto northbound US 17 Business. Trips along US 258 west of US 17 Business is projected to be reduced by approximately 500 eastbound vehicles when compared to the 2040 FY NB model. However, a minimal change in vehicles is projected to occur US 17 Business east of US 258. Accordingly, it was determined that the construction of a median break and left-turn movement will primarily serve those vehicles wishing to access Broadhurst Road between NC 24 and US 17 Business.

Design Factors

No substantial changes in design factors or truck percentages are estimated in the 2040 Build forecast from the design factors shown in the 2040 No Build scenario.

Appendix A

Data Tables

Table 1: HISTORIC OVERVIEW TABLE

Locations	NCDOT Historic Traffic Count Data											2015 NB Traffic Forecast
	1994	1996	1998	2000	2002	2004	2006	2008	2010	2012	2014	
US 258 west of NC 53	19,000	21,000	23,000	21,000	23,000	27,000	27,000	30,000	37,000	36,000	39,000	36,000
US 258 east of NC 53	-	-	-	-	-	-	-	-	-	26,000	28,000	26,000
US 258 west of US 17 Business	32,000	30,000	33,000	28,000	28,000	31,000	19,000	18,000	-	20,000	20,000	22,000
NC 24 east of NC 53	-	-	-	-	-	-	14,000	-	-	22,000	-	25,000
NC 53 south of US 258	12,000	14,000	13,000	18,000	12,000	13,000	14,000	16,000	18,000	17,000	17,000	17,000
NC 53 south of SR 1117 (Blue Creek School Road)	16,000	17,000	16,000	14,000	16,000	17,000	17,000	17,000	19,000	18,000	17,000	18,000
NC 53 south of SR 1130 (Old Maplehurst Road)	14,000	16,000	15,000	16,000	16,000	15,000	14,000	15,000	17,000	16,000	16,000	16,000
SR 1117 (Blue Creek School Road) east of NC 53	2,500	2,500	2,400	3,100	2,300	1,800	1,800	1,800	1,800	1,800	1,600	2,000
SR 1130 (Old Maplehurst Road) east of NC 53	5,300	6,600	6,700	7,300	8,200	8,500	9,700	7,800	8,000	7,500	7,600	7,200
US 17 Business north of NC 24 WB Ramps	30,000	28,000	34,000	29,000	29,000	29,000	21,000	15,000	18,000	17,000	17,000	16,000
US 17 Business south of US 258	31,000	28,000	32,000	29,000	30,000	30,000	21,000	15,000	16,000	14,000	13,000	14,000
US 17 Business east of US 258	60,000	56,000	67,000	51,000	57,000	57,000	38,000	30,000	35,000	33,000	31,000	33,000

Table 2: HISTORIC AADT TABLE

Locations	NCDOT Historic Traffic Count Data				AADT extrapolated to 2015+	AADT extrapolated to 2015++	2015 Project Specific Count Data		2015 NB Traffic Forecast
	2008	2010	2012	2014			TMC*	Mainline**	
US 258 west of NC 53	30,000	37,000	36,000	39,000	39,000	40,000	32,000	32,000	36,000
US 258 east of NC 53	-	-	26,000	28,000	29,000	29,000	23,000	22,000	26,000
US 258 east of Yopp Road	-	-	-	-	-	-	18,000	-	20,000
US 258 west of US 17 Business	18,000	-	20,000	20,000	17,000	18,000	20,000	19,000	22,000
Yopp Road south of US 258	-	-	-	-	-	-	8,100	-	9,200
NC 24 east of NC 53	-	-	22,000	-	26,000	28,000	22,000	21,000	25,000
NC 53 south of US 258	16,000	18,000	17,000	17,000	17,000	18,000	15,000	16,000	17,000
NC 53 north of SR 1117 (Blue Creek School Road)	-	-	-	-	-	-	17,000	-	19,000
NC 53 south of SR 1117 (Blue Creek School Road)	17,000	19,000	18,000	17,000	18,000	18,000	16,000	16,000	18,000
NC 53 south of SR 1130 (Old Maplehurst Road)	15,000	17,000	16,000	16,000	16,000	16,000	14,000	15,000	16,000
SR 1117 (Blue Creek School Road) east of NC 53	1,800	1,800	1,800	1,600	1,500	1,600	1,900	1,700	2,000
SR 1130 (Old Maplehurst Road) east of NC 53	7,800	8,000	7,500	7,600	8,300	8,400	6,300	6,600	7,200
US 17 Business south of NC 24 EB Ramps	-	-	-	-	-	-	-	16,000	18,000
US 17 Business north of NC 24 WB Ramps	15,000	18,000	17,000	17,000	15,000	15,000	14,000	-	16,000
US 17 Business south of US 258	15,000	16,000	14,000	13,000	12,000	13,000	13,000	11,000	14,000
US 17 Business east of US 258	30,000	35,000	33,000	31,000	27,000	29,000	31,000	27,000	33,000
Motor Vehicle Department Driveway	-	-	-	-	-	-	870	-	900

+ linear rate used, 1994 – 2014 (20 year)

++ exponential rate used, 1994 – 2014 (20 year)

* 2015 Project Specific Turning Movement Counts seasonally factored to AADT estimates

** 2015 Project Specific 48 Hour Mainline Counts seasonally factored to AADT estimates

Table 3: DESIGN FACTOR TABLE (d,k)

Locations	D – Directional Distributions			K – Peak Hour Factor		
	2015 Count Data		Selected 2015 Value	2015 Count Data		Selected 2015 Value
	TMC	Mainline		TMC	Mainline	
US 258 west of NC 53	69% WB	62% WB	65% WB	11%	9%	10%
US 258 east of NC 53	60% WB	61% WB	60% WB	10%	8%	9%
US 258 east of Yopp Road	64% WB	-	60% WB	11%	-	11%
US 258 west of US 17 Business	54% WB	56% WB	55% WB	9%	8%	9%
Yopp Road south of US 258	53% NB	-	55% NB	11%	-	11%
NC 24 east of NC 53	74% NB	69% NB	70% NB	11%	9%	10%
NC 53 south of US 258	59% SB	59% SB	60% SB	11%	9%	10%
NC 53 north of SR 1117 (Blue Creek School Road)	62% SB	-	60% SB	12%	-	10%
NC 53 south of SR 1117 (Blue Creek School Road)	62% SB	57% SB	60% SB	12%	8%	10%
NC 53 south of SR 1130 (Old Maplehurst Road)	65% SB	62% SB	65% SB	12%	9%	11%
SR 1117 (Blue Creek School Road) east of NC 53	56% EB	58% EB	55% EB	17%	13%	15% ¹
SR 1130 (Old Maplehurst Road) east of NC 53	57% WB	63% WB	60% WB	13%	10%	12%
US 17 Business south of NC 24 EB Ramps	-	54% NB	55% NB	-	8%	8%
US 17 Business north of NC 24 WB Ramps	52% NB	-	55% NB	11%	-	11%
US 17 Business south of US 258	55% SB	53% SB	55% SB	9%	8%	9%
US 17 Business east of US 258	55% WB	56% WB	55% WB	9%	8%	9%
Motor Vehicle Department Driveway	53% WB	-	70% WB	9%	-	9%

¹ Blue Creek School Road is a lightly-used road giving access between residential developments and NC 53. It is heavily used during rush hour for commuter traffic and lightly used during non-peak times.

Table 4: DESIGN FACTOR TABLE (Trucks)

Locations	Truck Percentage % (Dual , TTST)		
	2015 Count Data		Selected 2015 Value
	TMC	Mainline	
US 258 west of NC 53	3 , 2	8 , 4	8 , 4
US 258 east of NC 53	3 , 0	8 , 3	8 , 3
US 258 east of Yopp Road	3 , 0	-	7 , 3 ¹
US 258 west of US 17 Business	3 , 0	6 , 2	6 , 2
Yopp Road south of US 258	1 , 0	-	1 , 1
NC 24 east of NC 53	2 , 2	8 , 4	8 , 4
NC 53 south of US 258	3 , 1	7 , 1	7 , 1
NC 53 north of SR 1117 (Blue Creek School Road)	3 , 1	-	8 , 1
NC 53 south of SR 1117 (Blue Creek School Road)	3 , 1	8 , 1	8 , 1
NC 53 south of SR 1130 (Old Maplehurst Road)	3 , 1	9 , 1	9 , 1
SR 1117 (Blue Creek School Road) east of NC 53	4 , 0	7 , 1	7 , 1
SR 1130 (Old Maplehurst Road) east of NC 53	3 , 0	6 , 1	6 , 1
US 17 Business south of NC 24 EB Ramps	-	6 , 2	6 , 2
US 17 Business north of NC 24 WB Ramps	2 , 1	-	10 , 4
US 17 Business south of US 258	1 , 0	11 , 4	11 , 4
US 17 Business east of US 258	3 , 0	7 , 4	7 , 4
Motor Vehicle Department Driveway	5 , 1	-	5 , 1

¹Average truck percentages between at US 258 east of NC 24 / NC 53 and US 258 west of US 17 Business

Table 5: MODEL VALIDATION TABLE

Locations	Model Calibration 2010		2015 BY NB Volumes		2040 FY NB Volumes		
	Model	AADT	Model	Forecast	Extrapolated ¹	Model	Forecast
US 258 west of NC 53	28,368	37,000	30,121	36,000	88,000	40,261	48,000
US 258 east of NC 53	15,702	-	13,692	26,000	-	25,729	39,000
US 258 east of Yopp Road	16,467	-	15,875	20,000	-	29,541	33,000
US 258 west of US 17 Business	15,764	-	14,441	22,000	12,000	24,511	32,000
NC 24 east of NC 53	28,837	-	34,360	25,000	-	43,402	35,000
NC 53 south of US 258	14,080	18,000	15,668	17,000	26,000	26,486	28,000
NC 53 north of SR 1117 (Blue Creek School Road)	17,935	-	20,421	19,000	-	32,312	31,000
NC 53 south of SR 1117 (Blue Creek School Road)	13,768	19,000	15,299	18,000	19,000	29,264	30,000
NC 53 south of SR 1130 (Old Maplehurst Road)	15,581	17,000	17,589	16,000	19,000	26,273	25,000
SR 1117 (Blue Creek School Road) east of NC 53	4,323	1,800	5,282	2,000	1,100	4,246	2,200
SR 1130 (Old Maplehurst Road) east of NC 53	6,956	8,000	7,521	7,200	11,000	22,336	12,000
US 17 Business south of NC 24 EB Ramps	14,036	-	15,351	18,000	-	20,724	25,000
US 17 Business north of NC 24 WB Ramps	15,379	18,000	20,110	16,000	7,900	28,629	26,000
US 17 Business south of US 258	18,063	16,000	23,701	14,000	4,700	37,035	23,000
US 17 Business east of US 258	32,707	35,000	36,951	33,000	14,000	60,119	54,000

¹ The Compound Annual Growth Rate (CAGR) between the 2014 and 1994 historic AADTs used

Table 6: 2015 MODEL OUTPUT DATA

Locations	2015 Loaded Network	Alternative 2			Alternative 3		
		Model Volumes	Numerical Difference ⁺	% Change ⁺	Model Volumes	Numerical Difference ⁺⁺	% Change ⁺⁺
US 258 west of NC 53 ¹	37,291	37,442	151	0.4%	37,294	3	0.0%
US 258 west of NC 53 ²	30,121	19,966	-10,155	-33.7%	30,204	83	0.3%
US 258 east of NC 53 ³	13,692	5,392	-8,300	-60.6%	13,616	-76	-0.6%
US 258 east of NC 53 ⁴	16,528	18,771	2,243	13.6%	16,356	-172	-1.0%
US 258 east of Yopp Road	15,875	18,093	2,218	14.0%	15,703	-172	-1.1%
US 258 west of US 17 Business	14,441	16,655	2,214	15.3%	14,268	-173	-1.2%
NC 24 east of NC 53	34,360	32,467	-1,893	-5.5%	34,564	204	0.6%
NC 53 south of US 258	15,668	15,615	-53	-0.3%	15,713	45	0.3%
NC 53 north of SR 1117 (Blue Creek School Road)	20,421	20,166	-255	-1.2%	20,492	71	0.3%
NC 53 south of SR 1117 (Blue Creek School Road)	15,299	15,119	-180	-1.2%	15,339	40	0.3%
NC 53 south of SR 1130 (Old Maplehurst Road)	17,589	17,567	-22	-0.1%	17,594	5	0.0%
SR 1117 (Blue Creek School Road) east of NC 53	5,282	5,208	-74	-1.4%	5,313	31	0.6%
SR 1130 (Old Maplehurst Road) east of NC 53	7,521	7,357	-164	-2.2%	7,567	46	0.6%
US 17 Business south of NC 24 EB Ramps	15,351	15,600	249	1.6%	15,259	-92	-0.6%
US 17 Business north of NC 24 WB Ramps	20,110	18,726	-1,384	-6.9%	20,567	457	2.3%
US 17 Business south of US 258	23,701	21,999	-1,702	-7.2%	23,163	-538	-2.3%
US 17 Business east of US 258	36,951	37,479	528	1.4%	37,201	250	0.7%

⁺ change between the 2015 Jacksonville Model runs with and without the new grade-separate interchange

⁺⁺ change between the 2015 Jacksonville Model runs with and without NC 24 median opening

¹ US 258 west of Morningside Drive (prior the new flyover begins in the model)

² US 258 east of Morningside Drive (after the new flyover begins in the model)

³ US 258 west of Morningside Drive (prior the new flyover ends in the model)

⁴ US 258 east of Morningside Drive (after the new flyover ends in the model)

Table 7: 2015 BUILD AADT FORECAST

Locations	2015 No Build AADT Estimate	Alternative 2			Alternative 3		
		Model % Change	Applied % Change	2015 Build AADT Forecast	Model % Change	Applied % Change	2015 Build AADT Forecast
US 258 west of NC 53 ⁺	36,000	0.4%	0.0%	36,000	0.0%	0.0%	36,000
US 258 east of NC 53 ⁺⁺	26,000	13.6%	13.6%	30,000	-1.0%	0.0%	26,000
US 258 east of Yopp Road	20,000	14.0%	14.0%	23,000	-1.1%	0.0%	20,000
US 258 west of US 17 Business	22,000	15.3%	15.3%	25,000	-1.2%	0.0%	22,000
Yopp Road south of US 258	9,200	-	14.0% ¹	10,000	-	0.0%	9,200
NC 24 east of NC 53	25,000	-5.5%	-5.5%	24,000	0.6%	0.0%	25,000
NC 53 south of US 258	17,000	-0.3%	0.0%	17,000	0.3%	0.0%	17,000
NC 53 north of SR 1117 (Blue Creek School Road)	19,000	-1.2%	0.0%	19,000	0.3%	0.0%	19,000
NC 53 south of SR 1117 (Blue Creek School Road)	18,000	-1.2%	0.0%	18,000	0.3%	0.0%	18,000
NC 53 south of SR 1130 (Old Maplehurst Road)	16,000	-0.1%	0.0%	16,000	0.0%	0.0%	16,000
SR 1117 (Blue Creek School Road) east of NC 53	2,000	-1.4%	0.0%	2,000	0.6%	0.0%	2,000
SR 1130 (Old Maplehurst Road) east of NC 53	7,200	-2.2%	0.0%	7,200	0.6%	0.0%	7,200
US 17 Business south of NC 24 EB Ramps	18,000	1.6%	0.0%	18,000	-0.6%	0.0%	18,000
US 17 Business north of NC 24 WB Ramps	16,000	-6.9%	-6.9%	15,000	2.3%	0.0%	16,000
US 17 Business south of US 258	14,000	-7.2%	-7.2%	13,000	-2.3%	0.0%	14,000
US 17 Business east of US 258	33,000	1.4%	0.0%	33,000	0.7%	0.0%	33,000
Motor Vehicle Department Driveway	900	-	0.0%	900	-	0.0%	900

⁺ US 258 before Morningside Drive (prior the new flyover begins in the model)

⁺⁺ US 258 past Morningside Drive (after the new flyover ends in the model)

¹ Assumed that Yopp Road will experience the same percent changes in traffic brought about by the Alternative 2 with the nearby US 258 segment

Table 8: GROWTH RATE TABLE

Locations	2015 BY NB Forecast	Historic Growth Rate		Model Growth Rate ³	Applied Rate	2040 FY NB Volumes	
		2004 - 2014 ¹	1994 - 2014 ²	2010 - 2040		Model	Forecast
US 258 west of NC 53	36,000	3.7%	3.7%	1.2%	1.2%	40,261	48,000
US 258 east of NC 53	26,000	-	-	1.7%	1.7%	25,729	39,000
US 258 east of Yopp Road	20,000	-	-	2.0%	2.0%	29,541	33,000
US 258 west of US 17 Business	22,000	-4.3%	-2.3%	1.5%	1.5%	24,511	32,000
Yopp Road south of US 258	9,200	-	-	-	2.0% ⁴	-	15,000
NC 24 east of NC 53	25,000	-	-	1.4%	1.4%	43,402	35,000
NC 53 south of US 258	17,000	2.7%	1.8%	2.1%	2.0%	26,486	28,000
NC 53 north of SR 1117 (Blue Creek School Road)	19,000	-	-	2.0%	2.0%	32,312	31,000
NC 53 south of SR 1117 (Blue Creek School Road)	18,000	0.0%	0.3%	2.5%	2.0%	29,264	30,000
NC 53 south of SR 1130 (Old Maplehurst Road)	16,000	0.6%	0.7%	1.8%	1.8%	26,273	25,000
SR 1117 (Blue Creek School Road) east of NC 53	2,000	-1.2%	-2.2%	-0.1%	0.5%	4,246	2,200
SR 1130 (Old Maplehurst Road) east of NC 53	7,200	-1.1%	1.8%	4.0%	2.0%	22,336	12,000
US 17 Business south of NC 24 EB Ramps	18,000	-	-	1.3%	1.3%	20,724	25,000
US 17 Business north of NC 24 WB Ramps	16,000	-5.2%	-2.8%	2.1%	2.0%	28,629	26,000
US 17 Business south of US 258	14,000	-8.0%	-4.3%	2.4%	2.0%	37,035	23,000
US 17 Business east of US 258	33,000	-5.9%	-3.2%	2.0%	2.0%	60,119	54,000
Motor Vehicle Department Driveway	900	-	-	-	0.5%	-	1,000

¹ The Compound Annual Growth Rate (CAGR) used between 2004 and 2014 AADTs

² The Compound Annual Growth Rate (CAGR) used between 1994 and 2014 AADTs

³ The Compound Annual Growth Rate (CAGR) between the 2010 and 2040 No Build model runs

⁴ Assumed that Yopp Road will experience the same growth rate with the nearby US 258 segment

Table 9: 2040 DESIGN FACTOR TABLE (Trucks)

Locations	Truck Percentage % (Dual , TTST)			
	2015 Count Data		Selected 2015 Value	Selected 2040 Value
	TMC	Mainline		
US 258 west of NC 53	3 , 2	8 , 4	8 , 4	10 , 6
US 258 east of NC 53	3 , 0	8 , 3	8 , 3	8 , 3
US 258 east of Yopp Road	3 , 0	-	7 , 3 ¹	7 , 3 ¹
US 258 west of US 17 Business	3 , 0	6 , 2	6 , 2	6 , 2
Yopp Road south of US 258	1 , 0	-	1 , 1	1 , 1
NC 24 east of NC 53	2 , 2	8 , 4	8 , 4	10 , 6
NC 53 south of US 258	3 , 1	7 , 1	7 , 1	7 , 1
NC 53 north of SR 1117 (Blue Creek School Road)	3 , 1	-	8 , 1	8 , 1
NC 53 south of SR 1117 (Blue Creek School Road)	3 , 1	8 , 1	8 , 1	8 , 1
NC 53 south of SR 1130 (Old Maplehurst Road)	3 , 1	9 , 1	9 , 1	9 , 1
SR 1117 (Blue Creek School Road) east of NC 53	4 , 0	7 , 1	7 , 1	7 , 1
SR 1130 (Old Maplehurst Road) east of NC 53	3 , 0	6 , 1	6 , 1	6 , 1
US 17 Business south of NC 24 EB Ramps	-	6 , 2	6 , 2	8 , 4
US 17 Business north of NC 24 WB Ramps	2 , 1	-	10 , 4	10 , 4
US 17 Business south of US 258	1 , 0	11 , 4	11 , 4	11 , 4
US 17 Business east of US 258	3 , 0	7 , 4	7 , 4	7 , 4
Motor Vehicle Department Driveway	5 , 1	-	5 , 1	5 , 1

¹Average truck percentages between at US 258 east of NC 24 / NC 53 and US 258 west of US 17 Business

Table 10: 2040 MODEL OUTPUT DATA

Locations	2040 Loaded Network	Alternative 2			Alternative 3		
		Model Volumes	Numerical Difference ⁺	% Change ⁺	Model Volumes	Numerical Difference ⁺⁺	% Change ⁺⁺
US 258 west of NC 53 ¹	51,162	51,334	172	0.3%	51,190	28	0.1%
US 258 west of NC 53 ²	40,261	24,399	-15,862	-39.4%	40,207	-54	-0.1%
US 258 east of NC 53 ³	25,729	10,080	-15,649	-60.8%	25,099	-630	-2.4%
US 258 east of NC 53 ⁴	29,456	30,483	1,027	3.5%	28,866	-590	-2.0%
US 258 east of Yopp Road	29,541	30,495	954	3.2%	28,946	-595	-2.0%
US 258 west of US 17 Business	24,511	25,446	935	3.8%	23,913	-598	-2.4%
NC 24 east of NC 53	43,402	42,923	-479	-1.1%	44,150	748	1.7%
NC 53 south of US 258	26,486	26,194	-292	-1.1%	26,673	187	0.7%
NC 53 north of SR 1117 (Blue Creek School Road)	32,312	32,379	67	0.2%	32,545	233	0.7%
NC 53 south of SR 1117 (Blue Creek School Road)	29,264	29,237	-27	-0.1%	29,234	-30	-0.1%
NC 53 south of SR 1130 (Old Maplehurst Road)	26,273	26,292	19	0.1%	26,223	-50	-0.2%
SR 1117 (Blue Creek School Road) east of NC 53	4,246	4,123	-123	-2.9%	4,123	-123	-2.9%
SR 1130 (Old Maplehurst Road) east of NC 53	22,336	22,293	-43	-0.2%	22,370	34	0.2%
US 17 Business south of NC 24 EB Ramps	20,724	20,680	-44	-0.2%	20,302	-422	-2.0%
US 17 Business north of NC 24 WB Ramps	28,629	28,037	-592	-2.1%	29,337	708	2.5%
US 17 Business south of US 258	37,035	36,437	-598	-1.6%	36,533	-502	-1.4%
US 17 Business east of US 258	60,119	60,452	333	0.6%	60,191	72	0.1%

⁺ The change between the 2040 Jacksonville Model runs with and without the new grade-separate interchange

⁺⁺ The change between the 2040 Jacksonville Model runs with and without the new median opening

¹ US 258 before Morningside Drive (prior the new flyover begins in the model)

² US 258 past Morningside Drive (after the new flyover begins in the model)

³ US 258 before Morningside Drive (prior the new flyover ends in the model)

⁴ US 258 past Morningside Drive (after the new flyover ends in the model)

Table 11: 2040 BUILD AADT FORECAST

Locations	2040 No Build AADT Estimate	Alternative 2			Alternative 3		
		Model % Change	Applied % Change	2040 Build AADT Forecast	Model % Change	Applied % Change	2040 Build AADT Forecast
US 258 west of NC 53 ⁺	48,000	0.3%	0.0%	48,000	0.1%	0.0%	48,000
US 258 east of NC 53 ⁺⁺	39,000	3.5%	3.5%	40,000	-2.0%	0.0%	39,000
US 258 east of Yopp Road	33,000	3.2%	3.2%	34,000	-2.0%	0.0%	33,000
US 258 west of US 17 Business	32,000	3.8%	3.8%	33,000	-2.4%	0.0%	32,000
Yopp Road south of US 258	15,000	-	3.2% ¹	15,000	-	0.0%	15,000
NC 24 east of NC 53	35,000	-1.1%	0.0%	35,000	1.7%	0.0%	35,000
NC 53 south of US 258	28,000	-1.1%	0.0%	28,000	0.7%	0.0%	28,000
NC 53 north of SR 1117 (Blue Creek School Road)	31,000	0.2%	0.0%	31,000	0.7%	0.0%	31,000
NC 53 south of SR 1117 (Blue Creek School Road)	30,000	-0.1%	0.0%	30,000	-0.1%	0.0%	30,000
NC 53 south of SR 1130 (Old Maplehurst Road)	25,000	0.1%	0.0%	25,000	0.2%	0.0%	25,000
SR 1117 (Blue Creek School Road) east of NC 53	2,200	-2.9%	0.0%	2,200	-2.9%	0.0%	2,200
SR 1130 (Old Maplehurst Road) east of NC 53	12,000	-0.2%	0.0%	12,000	0.2%	0.0%	12,000
US 17 Business south of NC 24 EB Ramps	25,000	-0.2%	0.0%	25,000	-2.0%	0.0%	25,000
US 17 Business north of NC 24 WB Ramps	26,000	-2.1%	-2.1%	25,000	2.5%	2.5%	27,000
US 17 Business south of US 258	23,000	-1.6%	0.0%	23,000	-1.4%	0.0%	23,000
US 17 Business east of US 258	54,000	0.6%	0.0%	54,000	0.1%	0.0%	54,000
Motor Vehicle Department Driveway	1,000	-	0.0%	1,000	-	0.0%	1,000

⁺ US 258 before Morningside Drive (prior the new flyover begins in the model)

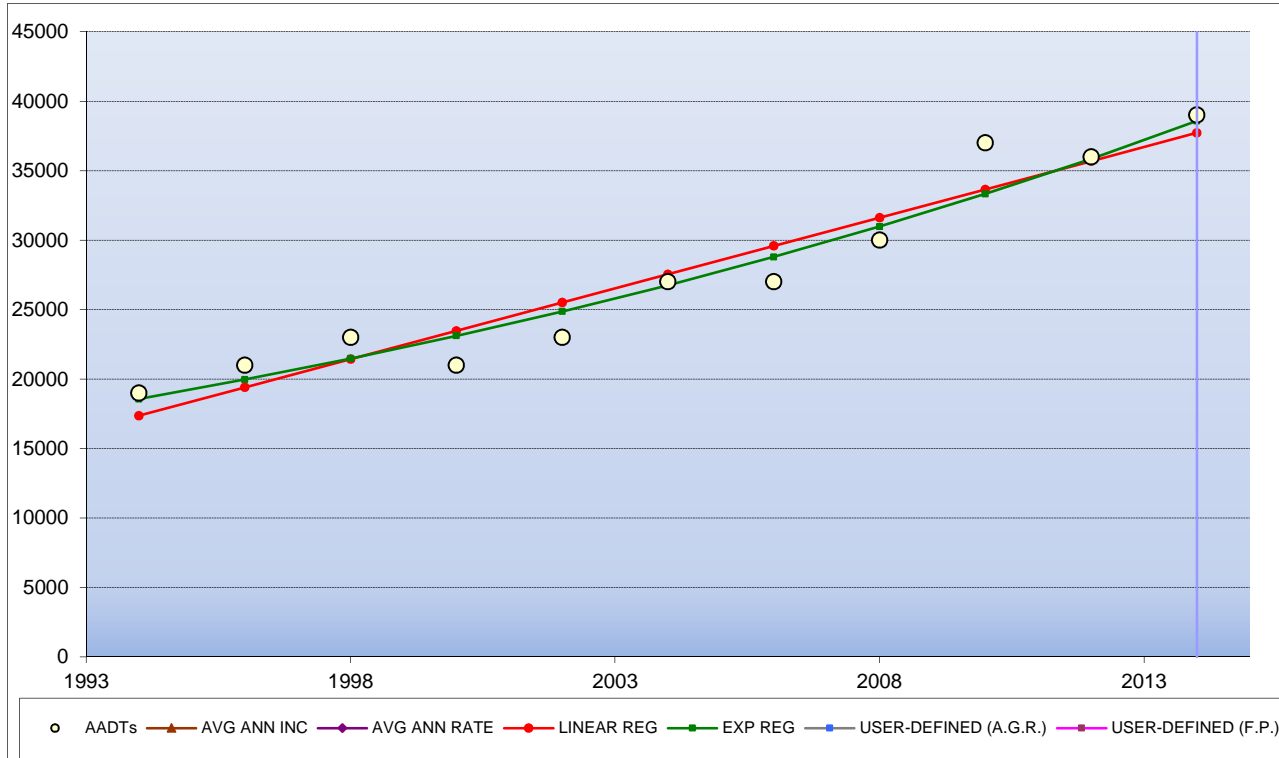
⁺⁺ US 258 past Morningside Drive (after the new flyover ends in the model)

¹ Assumed that Yopp Road will experience the same percent changes in traffic brought about by the Alternative 2 with the nearby US 258 segment

Appendix B
AADT Trend Analysis and
TFU Sheets

AADT TREND ANALYSIS

#1 -- US 258/NC 24 W OF NC 53



HISTORIC DATA		STATISTICAL RESULTS	
Year	AADT	LINEAR REG:	1018.2
1994	19000	LINEAR %:	3.96%
1996	21000	EXPONENTIAL REG:	3.73%
1998	23000		
2000	21000		
2002	23000	R-SQUARED	
2004	27000	LINEAR:	0.9146
2006	27000	EXPONENTIAL:	0.9374
2008	30000		
2010	37000		
2012	36000	NUMBER OF DATA POINTS:	
2014	39000		11

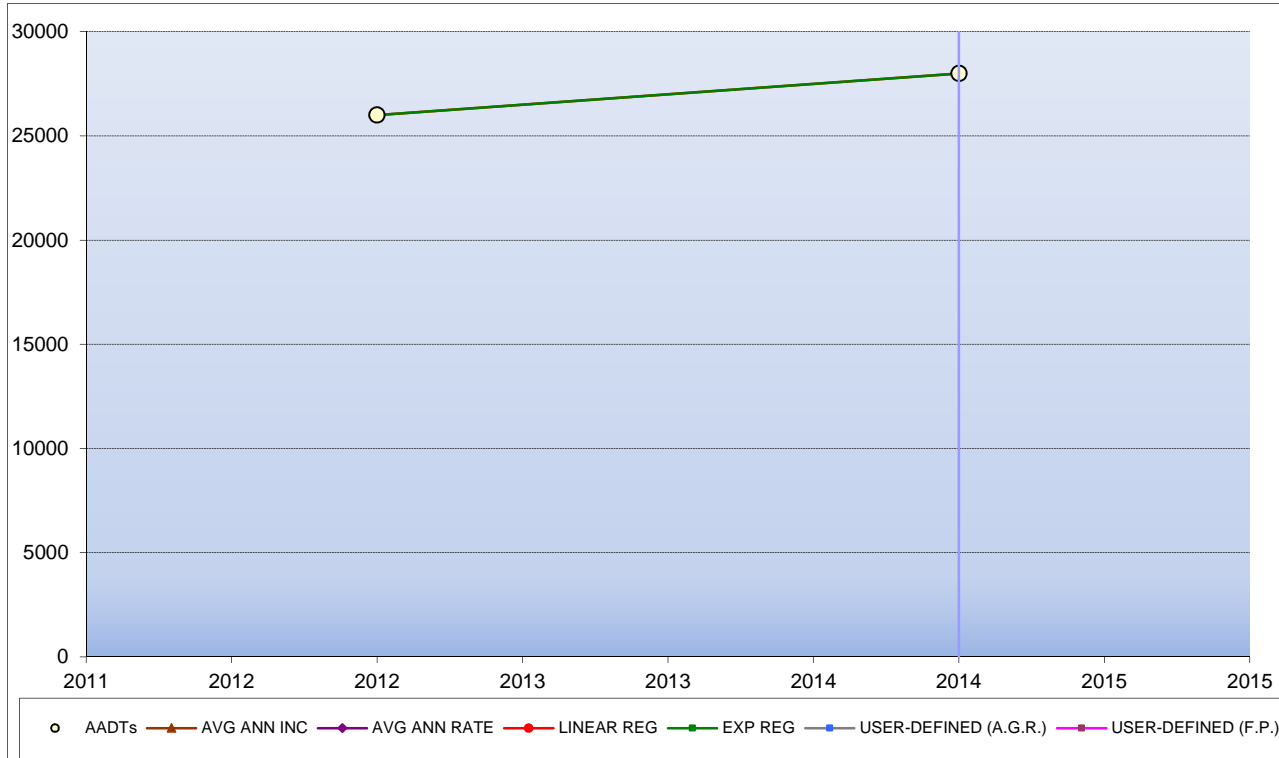
SHOW HISTORIC DATA:	SHOW FUTURE DATA:	SHOW STATION #:
<input checked="" type="checkbox"/> LINEAR REGRESSION	<input type="checkbox"/> LINEAR REGRESSION	1- US 258/NC 24 W OF NC 53
<input checked="" type="checkbox"/> EXPONENTIAL REGRESSION	<input type="checkbox"/> EXPONENTIAL REGRESSION	FUT YRS:
<input type="checkbox"/> HISTORIC DATA	<input type="checkbox"/> USER-DEFINED (FUT PROJ)	#1
	<input type="checkbox"/> USER-DEFINED (A.G.R.)	#2
		#3
		#4
		#5
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION / TRANSP. PLANNING BRANCH		

FUTURE PROJECTIONS:				
Avg Ann Inc	Avg Ann Rate	Linear Reg	Exp Reg	
39000	39000	37727	38584	
40000	40428	38745	40022	
50000	57921	48927	57709	
55000	69329	54018	69297	
60000	82983	59109	83212	
65000	99327	64200	99921	

U - 5716 Onslow County
Intersection Operations Improvements

AADT TREND ANALYSIS

#2 -- US 258 E OF NC 53

[illegible]

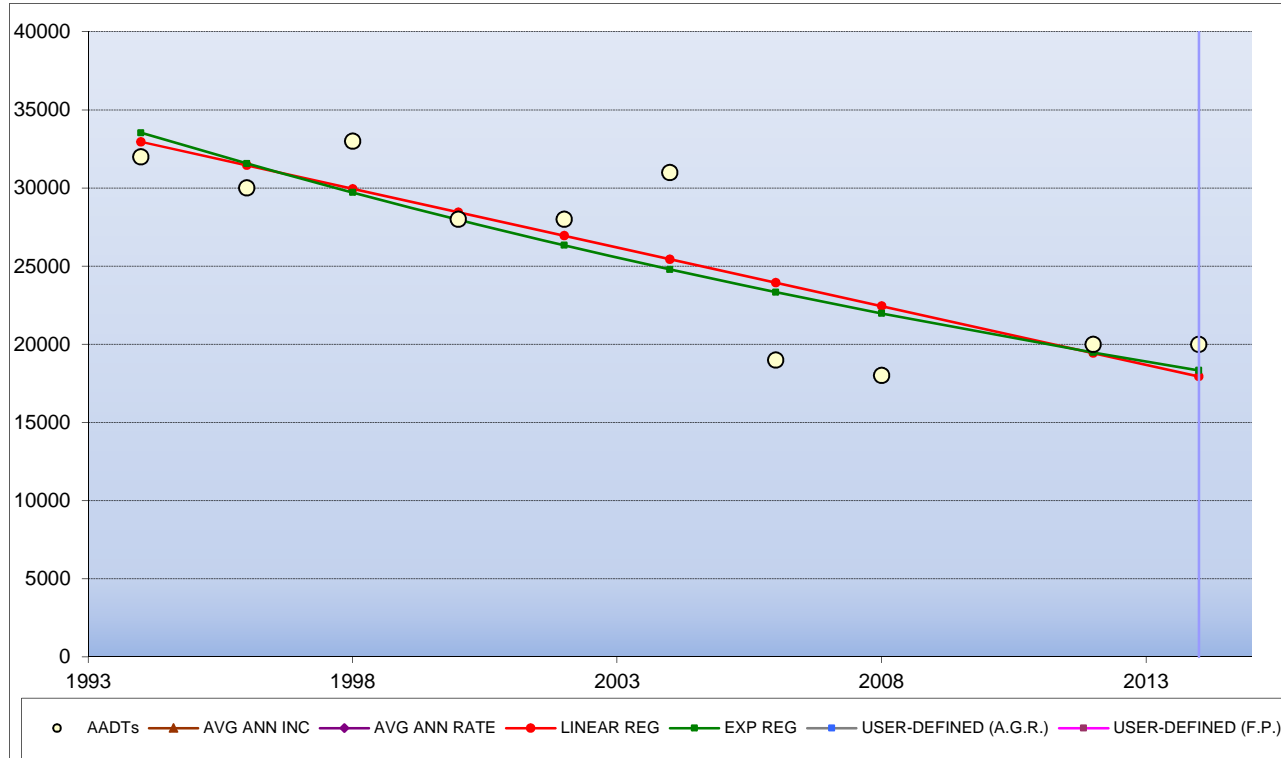
SHOW HISTORIC DATA:		SHOW FUTURE DATA:		SHOW STATION #:	
<input checked="" type="checkbox"/> LINEAR REGRESSION	<input type="checkbox"/> LINEAR REGRESSION	2- US 258 E OF NC 53			
<input checked="" type="checkbox"/> EXPONENTIAL REGRESSION	<input type="checkbox"/> EXPONENTIAL REGRESSION	FUT YRS:		2014	
	<input type="checkbox"/> USER-DEFINED (FUT PROJ)	#1		2015	
<input checked="" type="checkbox"/> HISTORIC DATA	<input type="checkbox"/> USER-DEFINED (A. G. R.)	#2		2025	
		#3		2030	
		#4		2035	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION / TRANSP. PLANNING BRANCH		#5		2040	

FUTURE PROJECTIONS:				
Avg Ann Inc	Avg Ann Rate	Linear Reg	Exp Reg	
28000	28000	28000	28000	
29000	29057	29000	29057	
39000	42090	39000	42090	
44000	50657	44000	50657	
49000	60967	49000	60967	
54000	73377	54000	73377	

U - 5716 Onslow County
Intersection Operations Improvements

AADT TREND ANALYSIS

#3 -- US 258 W OF US 17



HISTORIC DATA		STATISTICAL RESULTS	
Year	AADT	LINEAR REG:	-750.7
1994	32000	LINEAR %:	-2.99%
1996	30000	EXPONENTIAL REG:	-2.98%
1998	33000		
2000	28000		
2002	28000	R-SQUARED	
2004	31000	LINEAR:	0.7077
2006	19000	EXPONENTIAL:	0.6956
2008	18000		
2012	20000		
2014	20000	NUMBER OF DATA POINTS:	10

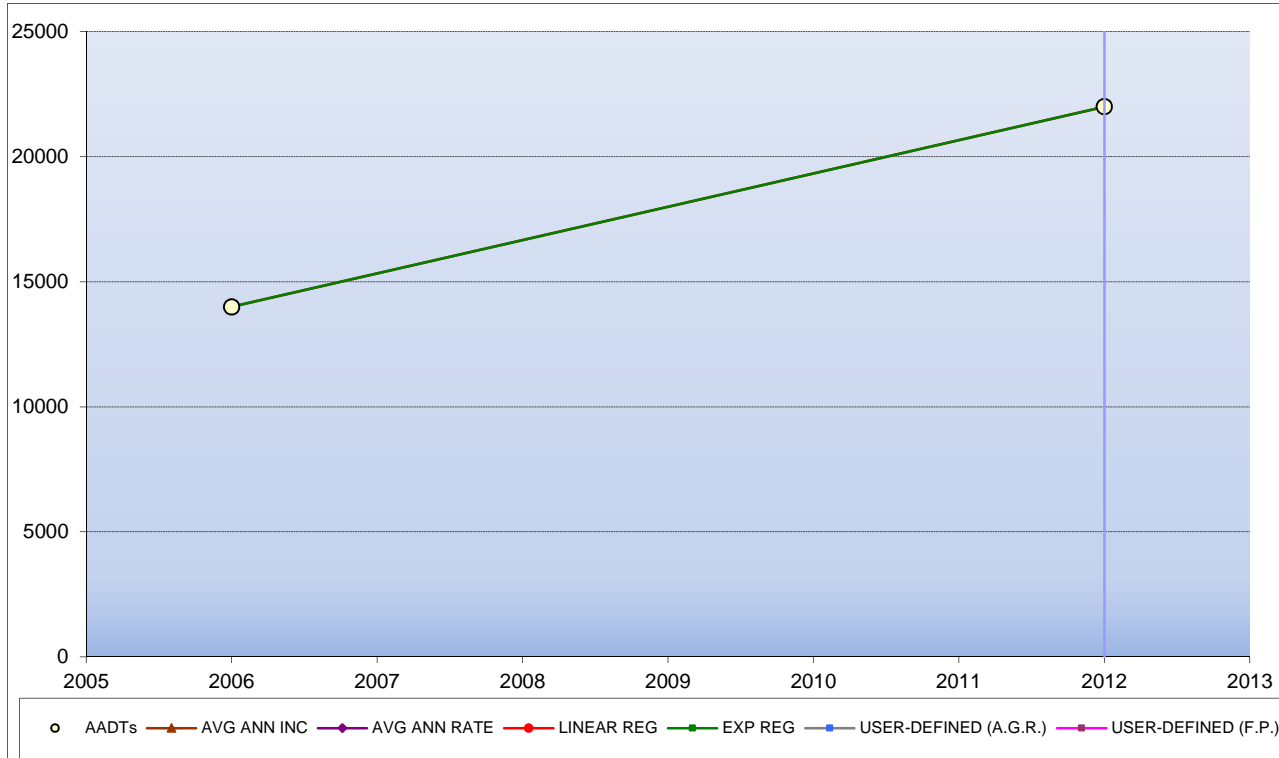
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<input checked="" type="checkbox"/> LINEAR REGRESSION	<input type="checkbox"/> LINEAR REGRESSION	3- US 258 W OF US 17
<input checked="" type="checkbox"/> EXPONENTIAL REGRESSION	<input type="checkbox"/> EXPONENTIAL REGRESSION	FUT YRS:
<input type="checkbox"/> HISTORIC DATA	<input type="checkbox"/> USER-DEFINED (FUT PROJ)	#1
	<input type="checkbox"/> USER-DEFINED (A.G.R.)	#2
		#3
		#4
		#5
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION / TRANSP. PLANNING BRANCH		2014
		2015
		2025
		2030
		2035
		2040

FUTURE PROJECTIONS:				
Avg Ann Inc	Avg Ann Rate	Linear Reg	Exp Reg	
20000	20000	17942	18332	
19400	19535	17191	17787	
13400	15444	9684	13150	
10400	13732	5930	11307	
7400	12210	2176	9722	
4400	10856	-1577	8360	

U - 5716 Onslow County
Intersection Operations Improvements

AADT TREND ANALYSIS

#4 -- US 17 BYP E OF NC 53 (NC 24 E OF NC 53)

[illegible]

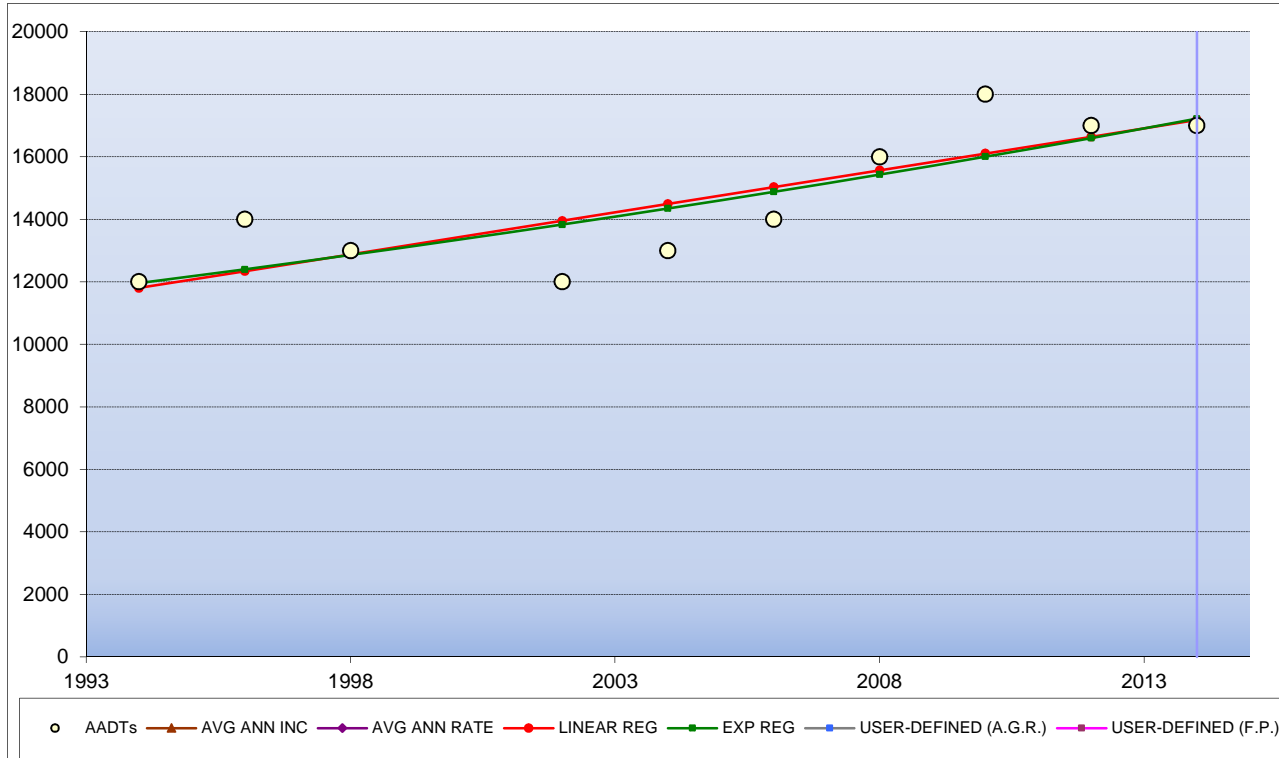
SHOW HISTORIC DATA:		SHOW FUTURE DATA:		SHOW STATION #:	
<input checked="" type="checkbox"/> LINEAR REGRESSION	<input type="checkbox"/> LINEAR REGRESSION	4- US 17 BYPASS OF NC 53 (NC 24 E OF NC 53)			
<input checked="" type="checkbox"/> EXPONENTIAL REGRESSION	<input type="checkbox"/> EXPONENTIAL REGRESSION	FUT YRS:		2012	
	<input type="checkbox"/> USER-DEFINED (FUT PROJ)	#1		2015	
<input checked="" type="checkbox"/> HISTORIC DATA	<input type="checkbox"/> USER-DEFINED (A. G. R.)	#2		2025	
		#3		2030	
		#4		2035	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION / TRANSP. PLANNING BRANCH		#5		2040	

FUTURE PROJECTIONS:				
Avg Ann Inc	Avg Ann Rate	Linear Reg	Exp Reg	
22000	22000	22000	22000	
26000	27578	26000	27578	
39333	58577	39333	58577	
46000	85370	46000	85370	
52667	124419	52667	124419	
59333	181328	59333	181328	

U - 5716 Onslow County
Intersection Operations Improvements

AADT TREND ANALYSIS

#5 -- NC 53 S OF US 258/NC 24



HISTORIC DATA		STATISTICAL RESULTS	
Year	AADT	LINEAR REG:	268.9
1994	12000	LINEAR %:	1.90%
1996	14000	EXPONENTIAL REG:	1.84%
1998	13000		
2002	12000		
2004	13000	R-SQUARED	
2006	14000	LINEAR:	0.6881
2008	16000	EXPONENTIAL:	0.6860
2010	18000		
2012	17000		
2014	17000	NUMBER OF DATA POINTS:	10

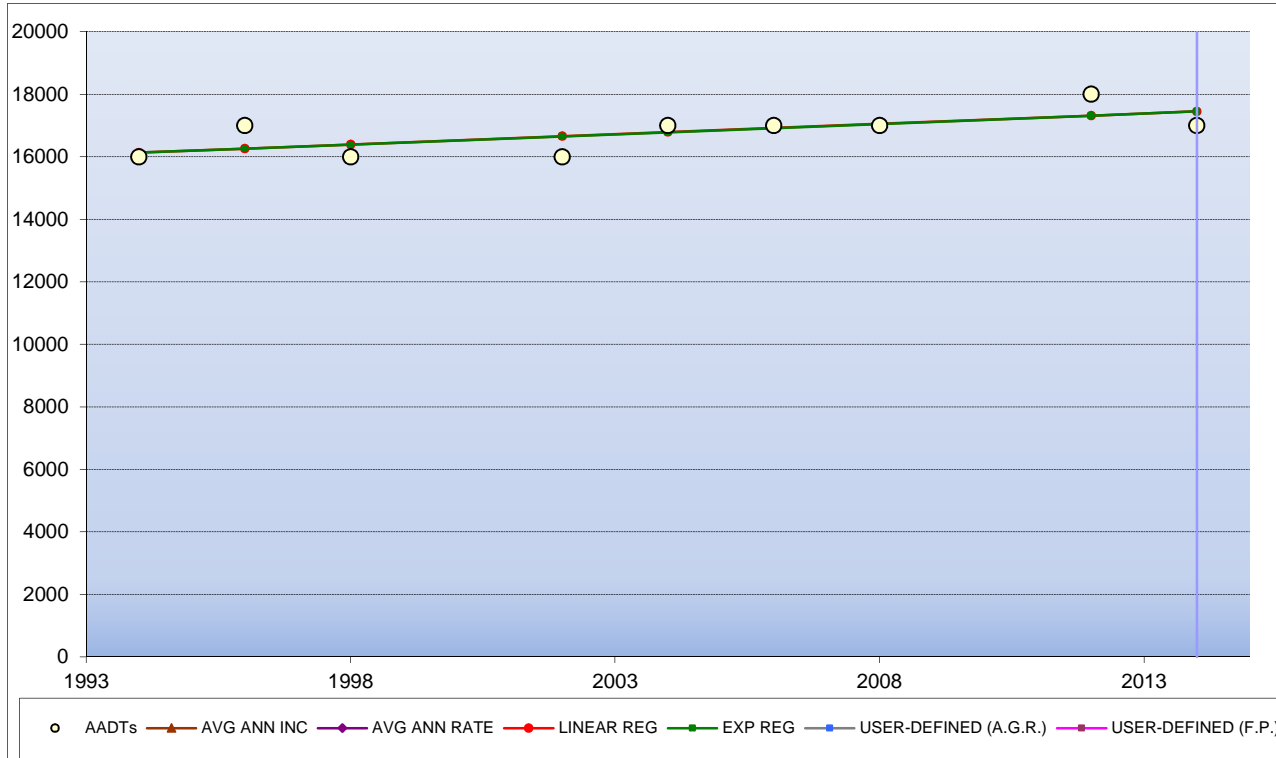
SHOW HISTORIC DATA:	SHOW FUTURE DATA:	SHOW STATION #:
<input checked="" type="checkbox"/> LINEAR REGRESSION	<input type="checkbox"/> LINEAR REGRESSION	5- NC 53 S OF US 258/NC 24
<input checked="" type="checkbox"/> EXPONENTIAL REGRESSION	<input type="checkbox"/> EXPONENTIAL REGRESSION	FUT YRS:
<input type="checkbox"/> HISTORIC DATA	<input type="checkbox"/> USER-DEFINED (FUT PROJ)	#1
	<input type="checkbox"/> USER-DEFINED (A.G.R.)	#2
		#3
		#4
		#5
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION / TRANSP. PLANNING BRANCH		

FUTURE PROJECTIONS:				
Avg Ann Inc	Avg Ann Rate	Linear Reg	Exp Reg	
17000	17000	17182	17216	
17250	17299	17451	17533	
19750	20590	20140	21041	
21000	22463	21485	23050	
22250	24506	22830	25251	
23500	26736	24174	27662	

U - 5716 Onslow County
Intersection Operations Improvements

AADT TREND ANALYSIS

#6 -- NC 53 N OF SR 1130 (NC 53 S OF SR 1117)



HISTORIC DATA		STATISTICAL RESULTS	
Year	AADT	LINEAR REG:	65.9
1994	16000	LINEAR %:	0.39%
1996	17000	EXPONENTIAL REG:	0.39%
1998	16000		
2002	16000		
2004	17000	R-SQUARED	
2006	17000	LINEAR:	0.4739
2008	17000	EXPONENTIAL:	0.4750
2012	18000		
2014	17000		
NUMBER OF DATA POINTS:			
9			

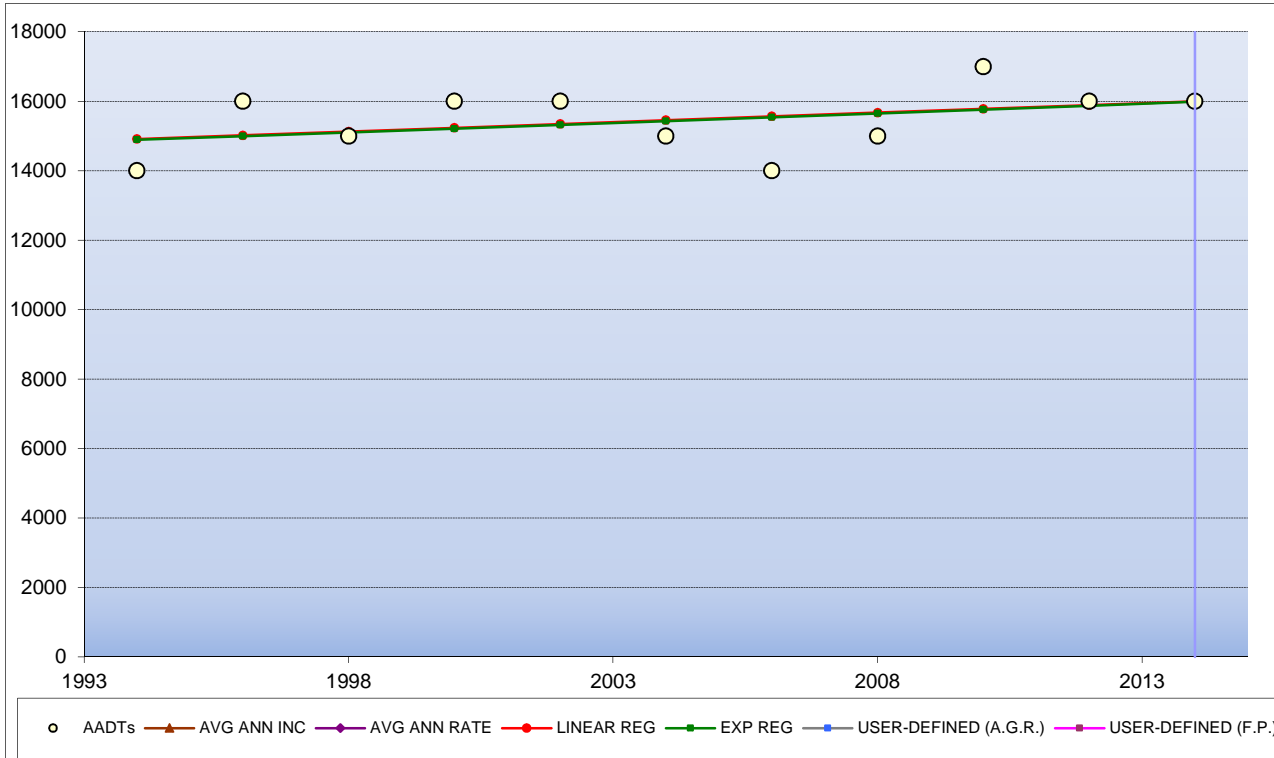
SHOW HISTORIC DATA:	SHOW FUTURE DATA:	SHOW STATION #:
<input checked="" type="checkbox"/> LINEAR REGRESSION	<input type="checkbox"/> LINEAR REGRESSION	6- NC 53 N OF SR 1130 (NC 53 S OF SR 1117)
<input checked="" type="checkbox"/> EXPONENTIAL REGRESSION	<input type="checkbox"/> EXPONENTIAL REGRESSION	FUT YRS:
<input type="checkbox"/> HISTORIC DATA	<input type="checkbox"/> USER-DEFINED (FUT PROJ)	#1 2015
	<input type="checkbox"/> USER-DEFINED (A.G.R.)	#2 2025
		#3 2030
		#4 2035
		#5 2040
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION / TRANSP. PLANNING BRANCH		

FUTURE PROJECTIONS:				
Avg Ann Inc	Avg Ann Rate	Linear Reg	Exp Reg	
17000	17000	17452	17452	
17050	17052	17518	17521	
17550	17576	18177	18222	
17800	17845	18507	18583	
18050	18117	18837	18951	
18300	18394	19166	19327	

U - 5716 Onslow County
Intersection Operations Improvements

AADT TREND ANALYSIS

#7 -- NC 53 E OF SR 1246 (NC 53 S OF SR 1130)



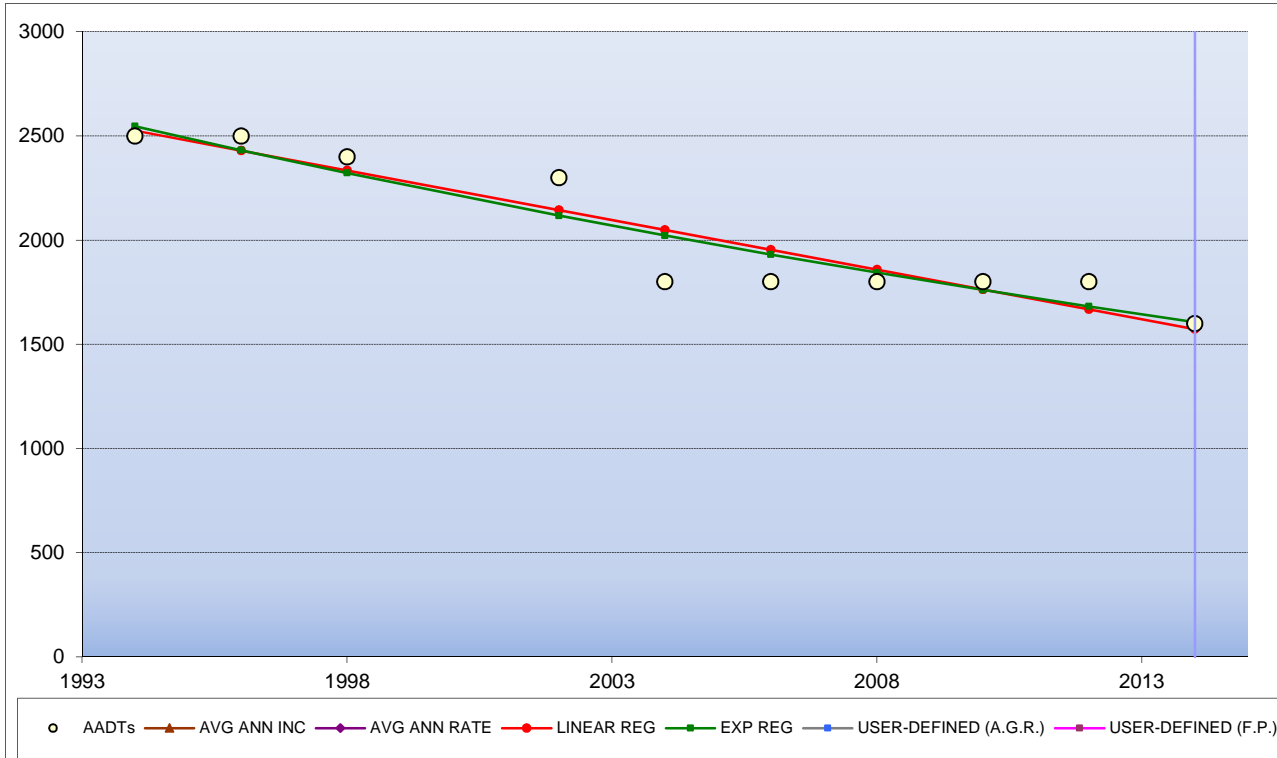
HISTORIC DATA		STATISTICAL RESULTS	
Year	AADT	LINEAR REG:	54.5
1994	14000	LINEAR %:	0.35%
1996	16000	EXPONENTIAL REG:	0.36%
1998	15000		
2000	16000		
2002	16000	R-SQUARED	
2004	15000	LINEAR:	0.1500
2006	14000	EXPONENTIAL:	0.1486
2008	15000		
2010	17000		
2012	16000	NUMBER OF DATA POINTS:	
2014	16000		11

SHOW HISTORIC DATA:	SHOW FUTURE DATA:	SHOW STATION #:
<input checked="" type="checkbox"/> LINEAR REGRESSION	<input type="checkbox"/> LINEAR REGRESSION	7- NC 53 E OF SR 1246 (NC 53 S OF SR 1130)
<input checked="" type="checkbox"/> EXPONENTIAL REGRESSION	<input type="checkbox"/> EXPONENTIAL REGRESSION	FUT YRS:
<input type="checkbox"/> HISTORIC DATA	<input type="checkbox"/> USER-DEFINED (FUT PROJ)	#1
	<input type="checkbox"/> USER-DEFINED (A.G.R.)	#2
		#3
		#4
		#5
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION / TRANSP. PLANNING BRANCH		

FUTURE PROJECTIONS:				
Avg Ann Inc	Avg Ann Rate	Linear Reg	Exp Reg	
16000	16000	16000	15986	
16100	16107	16055	16043	
17100	17219	16600	16622	
17600	17804	16873	16919	
18100	18408	17145	17222	
18600	19033	17418	17531	

AADT TREND ANALYSIS

#8 -- SR 1117 S (E) OF NC 53



HISTORIC DATA		STATISTICAL RESULTS	
Year	AADT	LINEAR REG:	-47.6
1994	2500	LINEAR %:	-2.34%
1996	2500	EXPONENTIAL REG:	-2.28%
1998	2400		
2002	2300		
2004	1800	R-SQUARED	
2006	1800	LINEAR:	0.8705
2008	1800	EXPONENTIAL:	0.8711
2010	1800		
2012	1800		
2014	1600	NUMBER OF DATA POINTS:	10

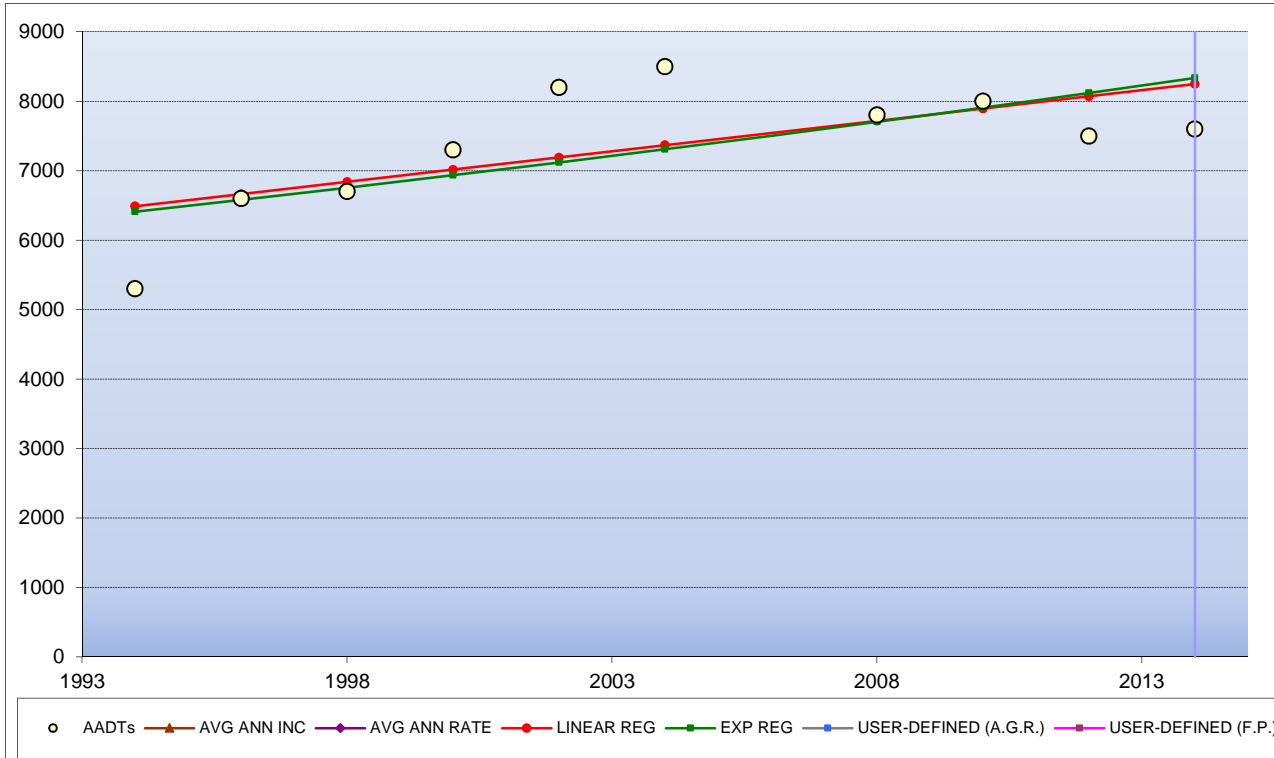
SHOW HISTORIC DATA:	SHOW FUTURE DATA:	SHOW STATION #:
<input checked="" type="checkbox"/> LINEAR REGRESSION	<input type="checkbox"/> LINEAR REGRESSION	8- SR 1117 S (E) OF NC 53
<input checked="" type="checkbox"/> EXPONENTIAL REGRESSION	<input type="checkbox"/> EXPONENTIAL REGRESSION	FUT YRS: 2014
<input type="checkbox"/> HISTORIC DATA	<input type="checkbox"/> USER-DEFINED (FUT PROJ)	#1 2015
	<input type="checkbox"/> USER-DEFINED (A.G.R.)	#2 2025
		#3 2030
		#4 2035
		#5 2040
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION / TRANSP. PLANNING BRANCH		

FUTURE PROJECTIONS:				
Avg Ann Inc	Avg Ann Rate	Linear Reg	Exp Reg	
1600	1600	1573	1606	
1555	1565	1525	1569	
1105	1252	1049	1246	
880	1120	811	1111	
655	1001	572	990	
430	896	334	882	

U - 5716 Onslow County
Intersection Operations Improvements

AADT TREND ANALYSIS

#9 -- SR 1130 S (E) OF NC 53



HISTORIC DATA		STATISTICAL RESULTS	
Year	AADT	LINEAR REG:	87.9
1994	5300	LINEAR %:	1.21%
1996	6600	EXPONENTIAL REG:	1.32%
1998	6700		
2000	7300		
2002	8200	R-SQUARED	
2004	8500	LINEAR:	0.4239
2008	7800	EXPONENTIAL:	0.4373
2010	8000		
2012	7500		
2014	7600	NUMBER OF DATA POINTS:	10

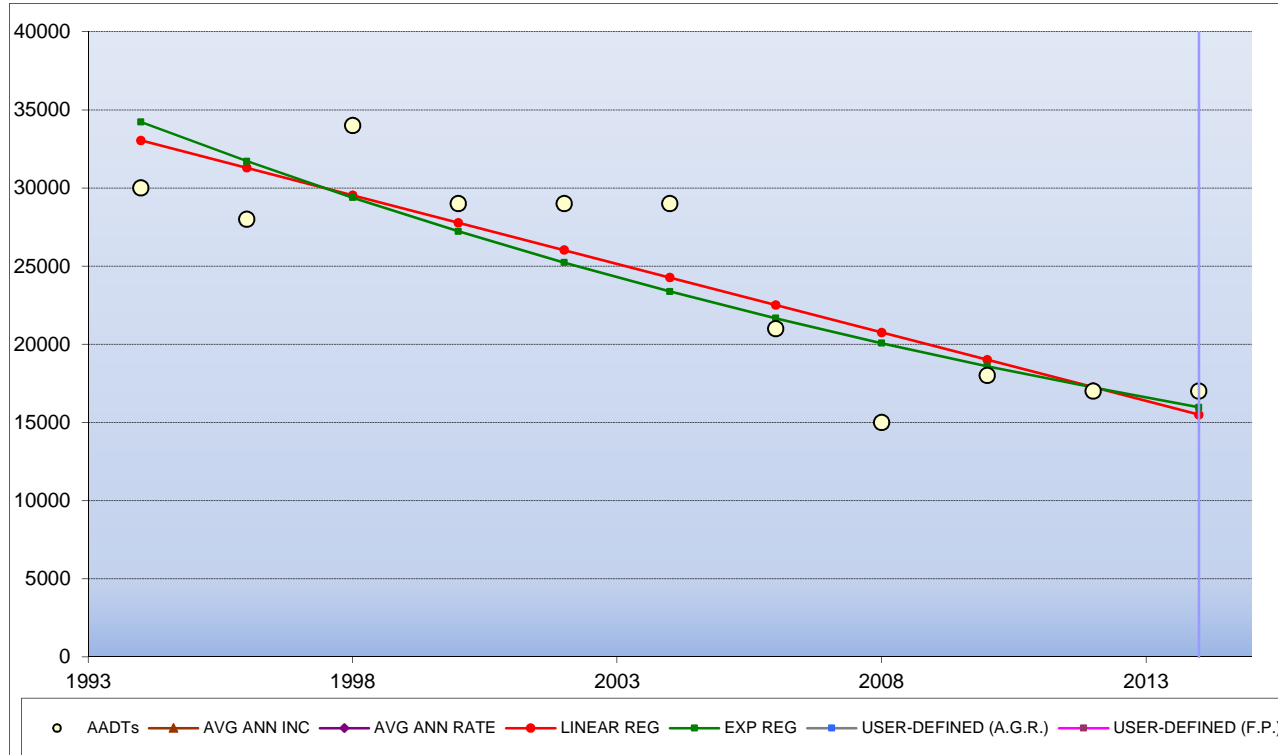
SHOW HISTORIC DATA:	SHOW FUTURE DATA:	SHOW STATION #:
<input checked="" type="checkbox"/> LINEAR REGRESSION	<input type="checkbox"/> LINEAR REGRESSION	9- SR 1130 S (E) OF NC 53
<input checked="" type="checkbox"/> EXPONENTIAL REGRESSION	<input type="checkbox"/> EXPONENTIAL REGRESSION	FUT YRS: 2014
<input type="checkbox"/> HISTORIC DATA	<input type="checkbox"/> USER-DEFINED (FUT PROJ)	#1 2015
	<input type="checkbox"/> USER-DEFINED (A.G.R.)	#2 2025
		#3 2030
		#4 2035
		#5 2040
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION / TRANSP. PLANNING BRANCH		

FUTURE PROJECTIONS:				
Avg Ann Inc	Avg Ann Rate	Linear Reg	Exp Reg	
7600	7600	8247	8335	
7715	7738	8335	8446	
8865	9266	9214	9631	
9440	10140	9654	10285	
10015	11096	10093	10983	
10590	12143	10533	11728	

U - 5716 Onslow County
Intersection Operations Improvements

AADT TREND ANALYSIS

#10 -- US 17 W OF BROADHURST RD (US 17 N OF NC 24 WB Ramps)



HISTORIC DATA		STATISTICAL RESULTS	
Year	AADT	LINEAR REG:	-877.3
1994	30000	LINEAR %:	-3.71%
1996	28000	EXPONENTIAL REG:	-3.74%
1998	34000		
2000	29000		
2002	29000	R-SQUARED	
2004	29000	LINEAR:	0.7522
2006	21000	EXPONENTIAL:	0.7484
2008	15000		
2010	18000		
2012	17000	NUMBER OF DATA POINTS:	
2014	17000		11

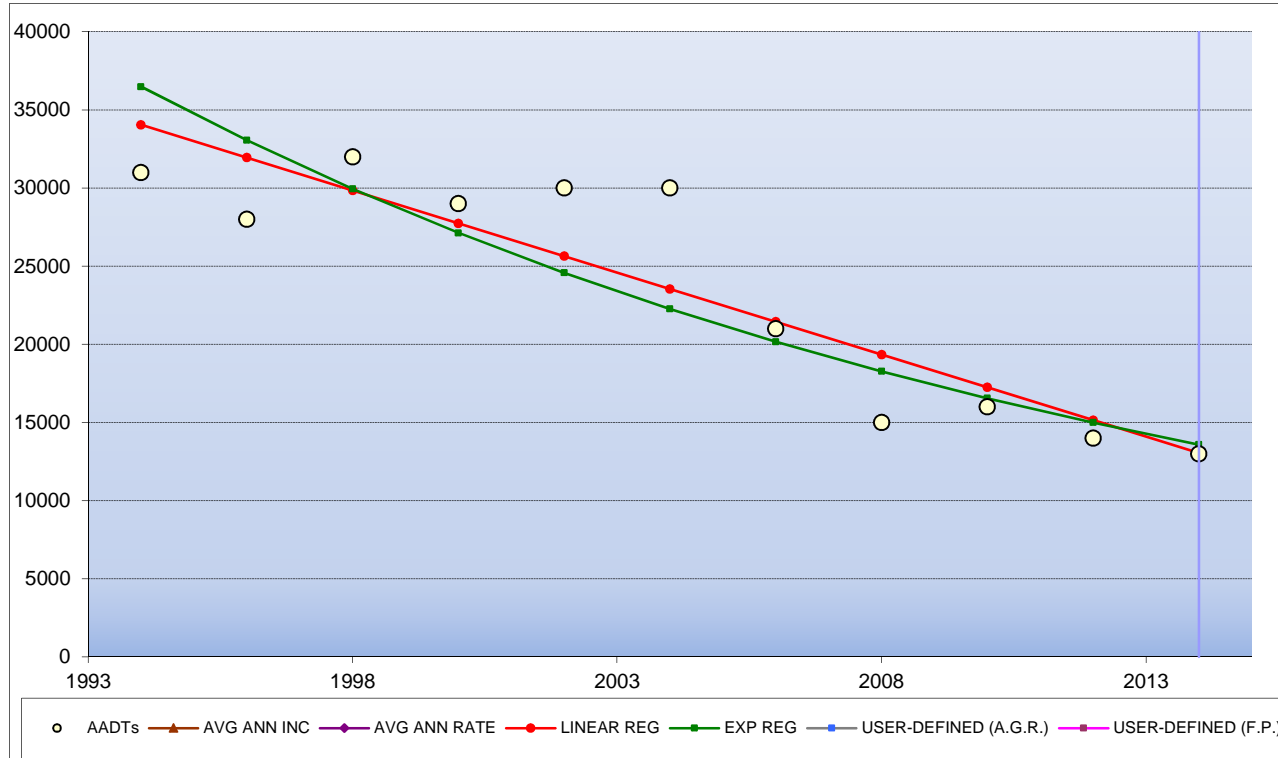
SHOW HISTORIC DATA:	SHOW FUTURE DATA:	SHOW STATION #:
<input checked="" type="checkbox"/> LINEAR REGRESSION	<input type="checkbox"/> LINEAR REGRESSION	10- US 17 W OF BROADHURST RD (US 17 N OF NC 24 WB Ramps)
<input checked="" type="checkbox"/> EXPONENTIAL REGRESSION	<input type="checkbox"/> EXPONENTIAL REGRESSION	FUT YRS:
<input type="checkbox"/> HISTORIC DATA	<input type="checkbox"/> USER-DEFINED (FUT PROJ)	#1
	<input type="checkbox"/> USER-DEFINED (A.G.R.)	#2
		#3
		#4
		#5
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION / TRANSP. PLANNING BRANCH		2014

FUTURE PROJECTIONS:				
Avg Ann Inc	Avg Ann Rate	Linear Reg	Exp Reg	
17000	17000	15500	15971	
16350	16524	14623	15374	
9850	12439	5850	10501	
6600	10792	1464	8679	
3350	9364	-2923	7173	
100	8124	-7309	5929	

U - 5716 Onslow County
Intersection Operations Improvements

AADT TREND ANALYSIS

#11 -- US 17 E OF BROADHURST RD (US 17 S OF US 258)



HISTORIC DATA		STATISTICAL RESULTS	
Year	AADT	LINEAR REG:	-1050.0
1994	31000	LINEAR %:	-4.68%
1996	28000	EXPONENTIAL REG:	-4.82%
1998	32000		
2000	29000		
2002	30000	R-SQUARED	
2004	30000	LINEAR:	0.8102
2006	21000	EXPONENTIAL:	0.8174
2008	15000		
2010	16000		
2012	14000	NUMBER OF DATA POINTS:	
2014	13000		11

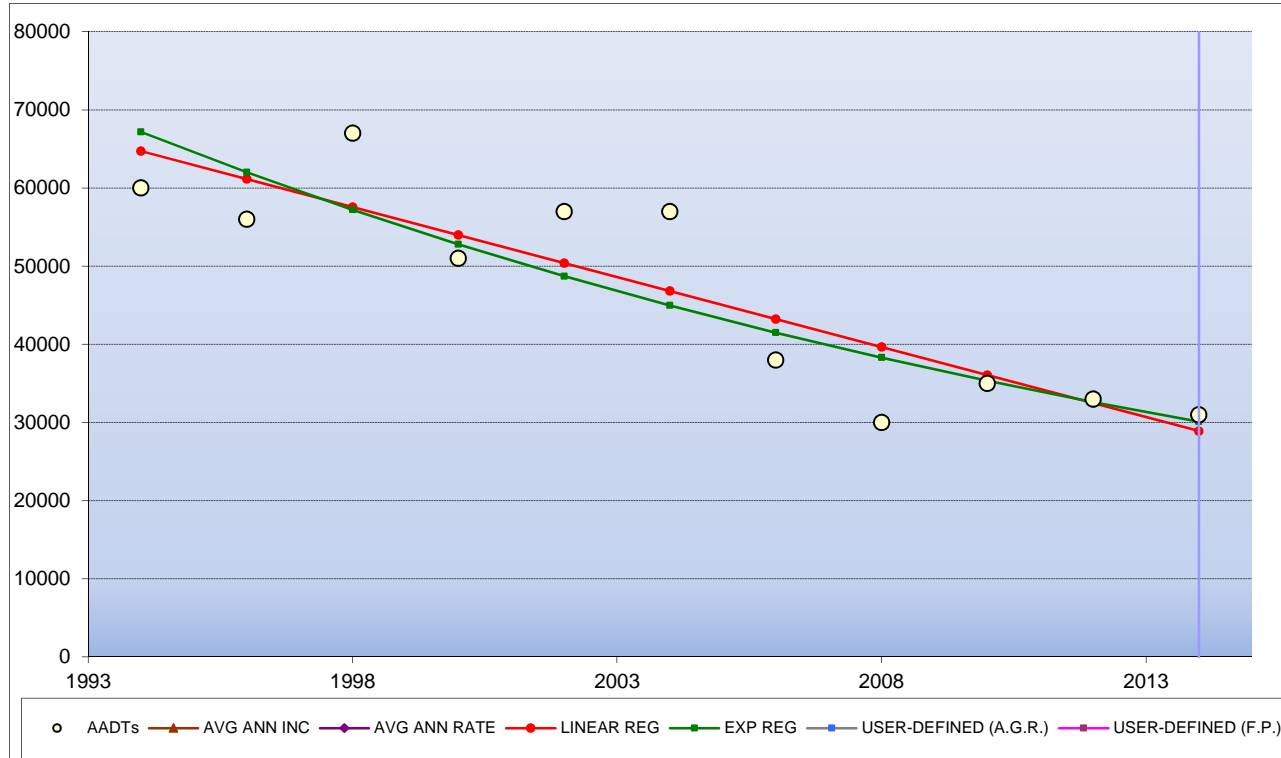
SHOW HISTORIC DATA:	SHOW FUTURE DATA:	SHOW STATION #:
<input checked="" type="checkbox"/> LINEAR REGRESSION	<input type="checkbox"/> LINEAR REGRESSION	11- US 17 E OF BROADHURST RD (US 17 S OF US 258)
<input checked="" type="checkbox"/> EXPONENTIAL REGRESSION	<input type="checkbox"/> EXPONENTIAL REGRESSION	FUT YRS:
<input type="checkbox"/> HISTORIC DATA	<input type="checkbox"/> USER-DEFINED (FUT PROJ)	#1 2015
	<input type="checkbox"/> USER-DEFINED (A.G.R.)	#2 2025
		#3 2030
		#4 2035
		#5 2040
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION / TRANSP. PLANNING BRANCH		

FUTURE PROJECTIONS:				
Avg Ann Inc	Avg Ann Rate	Linear Reg	Exp Reg	
13000	13000	13045	13580	
12100	12447	11995	12925	
3100	8061	1495	7885	
-1400	6486	-3755	6159	
-5900	5220	-9005	4810	
-10400	4200	-14255	3757	

U - 5716 Onslow County
Intersection Operations Improvements

AADT TREND ANALYSIS

#12 -- US 17 W OF SR 1402 (US 17 E OF US 258)



HISTORIC DATA		STATISTICAL RESULTS	
Year	AADT	LINEAR REG:	-1790.9
1994	60000	LINEAR %:	-3.95%
1996	56000	EXPONENTIAL REG:	-3.93%
1998	67000		
2000	51000		
2002	57000	R-SQUARED	
2004	57000	LINEAR:	0.7705
2006	38000	EXPONENTIAL:	0.7813
2008	30000		
2010	35000		
2012	33000	NUMBER OF DATA POINTS:	
2014	31000		11

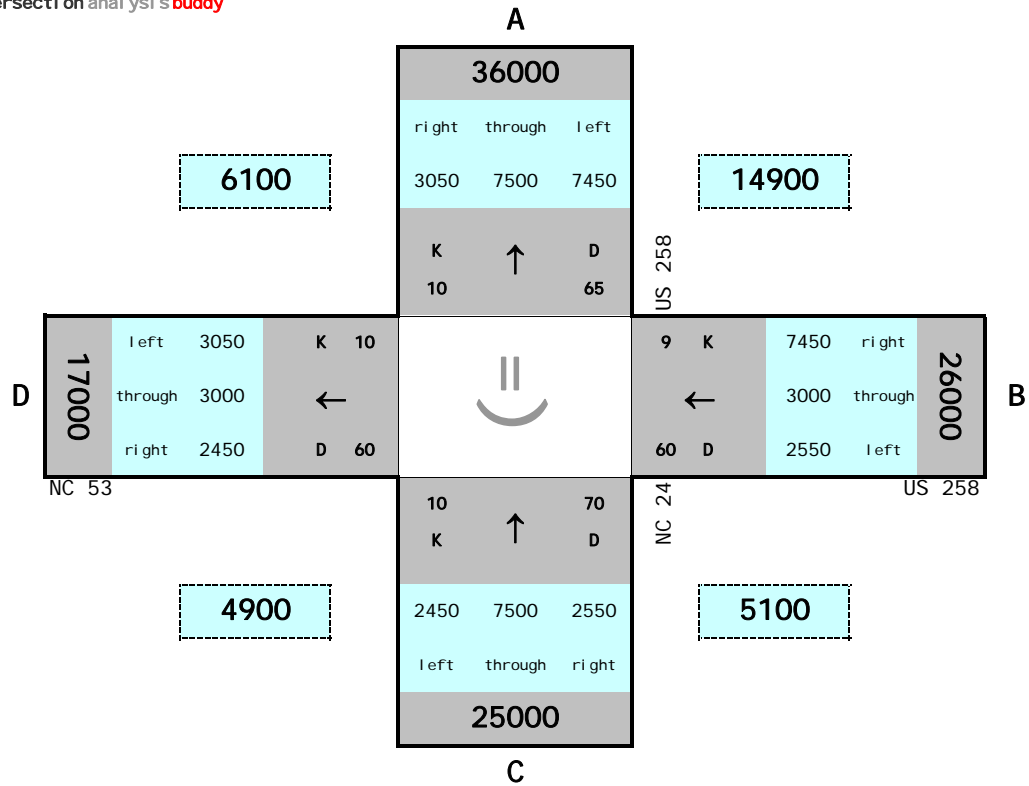
SHOW HISTORIC DATA:	SHOW FUTURE DATA:	SHOW STATION #:
<input checked="" type="checkbox"/> LINEAR REGRESSION	<input type="checkbox"/> LINEAR REGRESSION	12- US 17 W OF SR 1402 (US 17 E OF US 258)
<input checked="" type="checkbox"/> EXPONENTIAL REGRESSION	<input type="checkbox"/> EXPONENTIAL REGRESSION	FUT YRS:
<input type="checkbox"/> HISTORIC DATA	<input type="checkbox"/> USER-DEFINED (FUT PROJ)	#1 2015
	<input type="checkbox"/> USER-DEFINED (A.G.R.)	#2 2025
		#3 2030
		#4 2035
		#5 2040
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION / TRANSP. PLANNING BRANCH		

FUTURE PROJECTIONS:				
Avg Ann Inc	Avg Ann Rate	Linear Reg	Exp Reg	
31000	31000	28909	30103	
29550	29993	27118	28919	
15050	21559	9209	19357	
7800	18278	255	15836	
550	15496	-8700	12956	
-6700	13138	-17655	10600	

U - 5716 Onslow County
Intersection Operations Improvements



Intersection analysis



INPUT:

			0	Change NW & SE	
			0	Change NE & SW	
A	36000	10	65		48000
B	26000	9	60		39000
C	25000	10	70		35000
D	17000	10	60		28000
leg	current aadt	K	D	dir. parity	projected aadt

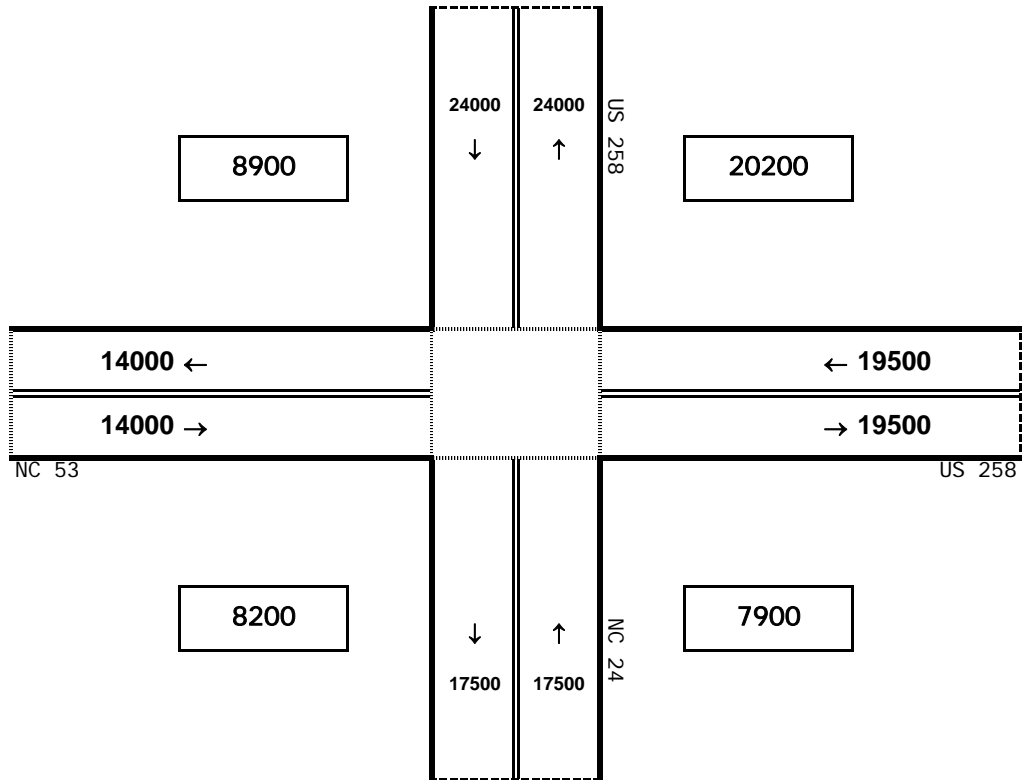
(use AADT = 0 to disregard an intersection leg)

VALIDATION RESULTS:

score:
FACTORS ARE VALID 0.27
URNS ARE VALID
CURRENT AADTs ARE VALID
PROJ. AADTs ARE VALID

factors are valid when SCORE < 1.0

FUTURE VOLUMES



Intersection of US 258 / NC 24 / NC 53

☺

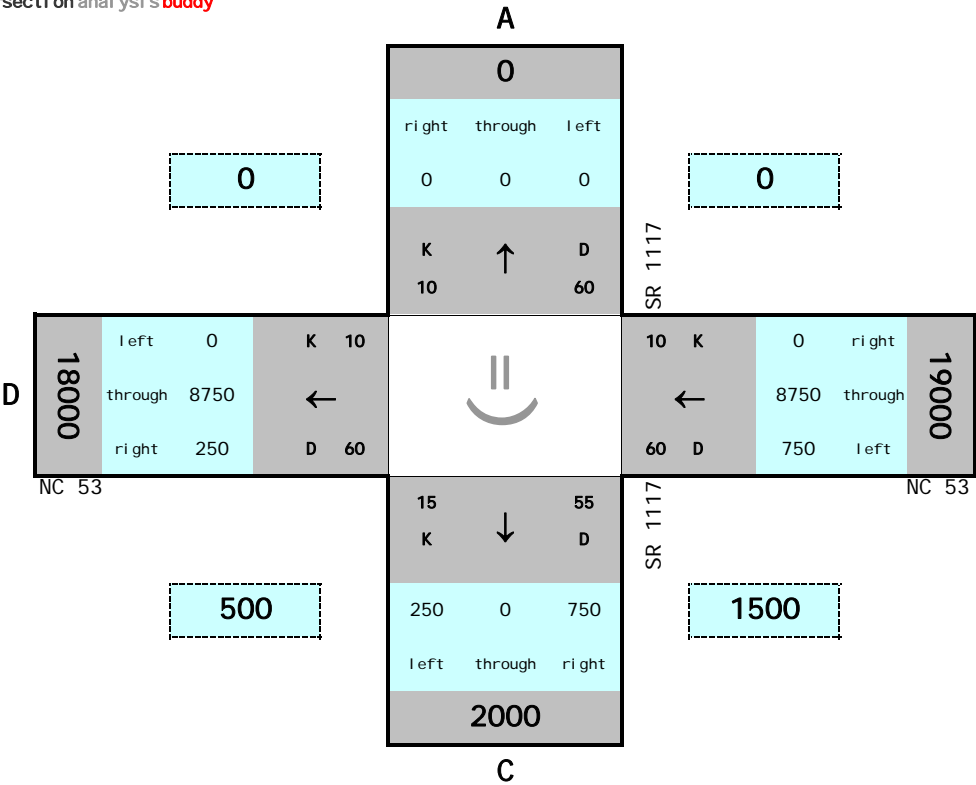
☺

☺

☹

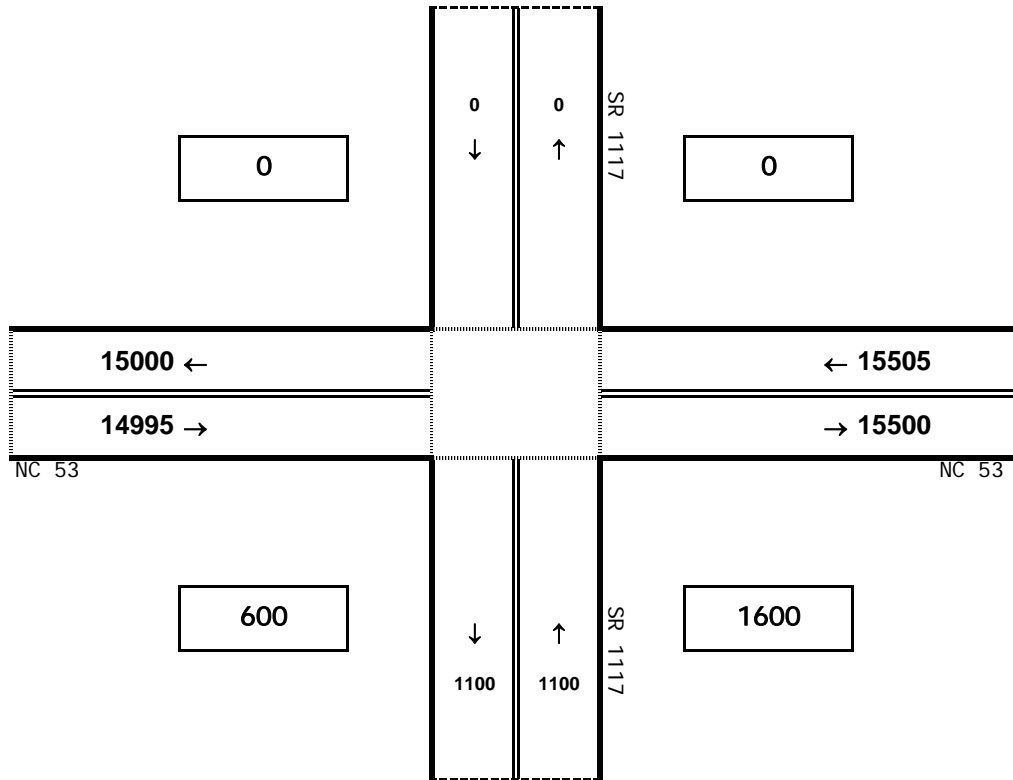
☺

Intersection analysisbuddy



INPUT:					
			0	Change NW & SE	
			0	Change NE & SW	
A	0	10	60		0
B	19000	10	60		31000
C	2000	15	55		2200
D	18000	10	60		30000
leg	current aadt	K	D	dir. parity	projected aadt
(use AADT = 0 to disregard an intersection leg)					
VALIDATION RESULTS:					
score:					
FACTORS ARE VALID					0.11
TURNS ARE VALID					
CURRENT AADTs ARE VALID					
PROJ. AADTs ARE VALID					
factors are valid when SCORE < 1.0					

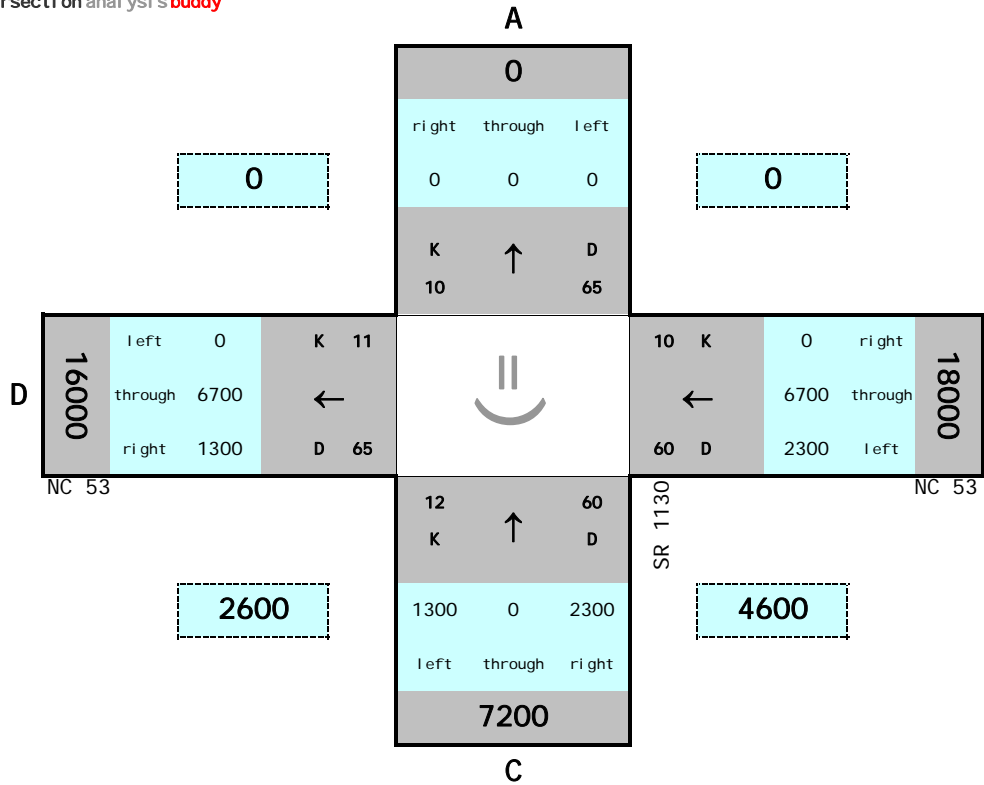
FUTURE VOLUMES



Intersection of NC 53 / SR 1117

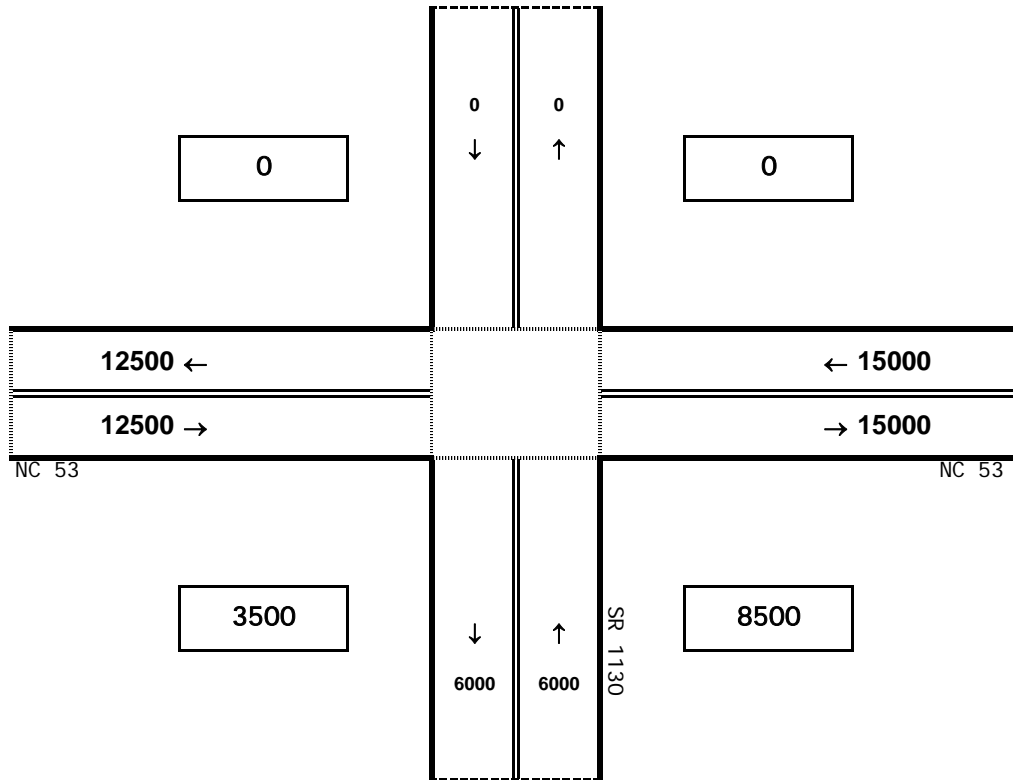


Intersection analysis buddy



INPUT:					
			0	Change NW & SE	
			0	Change NE & SW	
A	0	10	65		0
B	18000	10	60		30000
C	7200	12	60		12000
D	16000	11	65		25000
leg	current aadt	K	D	dir. parity	projected aadt
(use AADT = 0 to disregard an intersection leg)					
VALIDATION RESULTS:					
score:					
FACTORS ARE VALID					0.05
TURNS ARE VALID					
CURRENT AADTs ARE VALID					
PROJ. AADTs ARE VALID					
factors are valid when SCORE < 1.0					

FUTURE VOLUMES



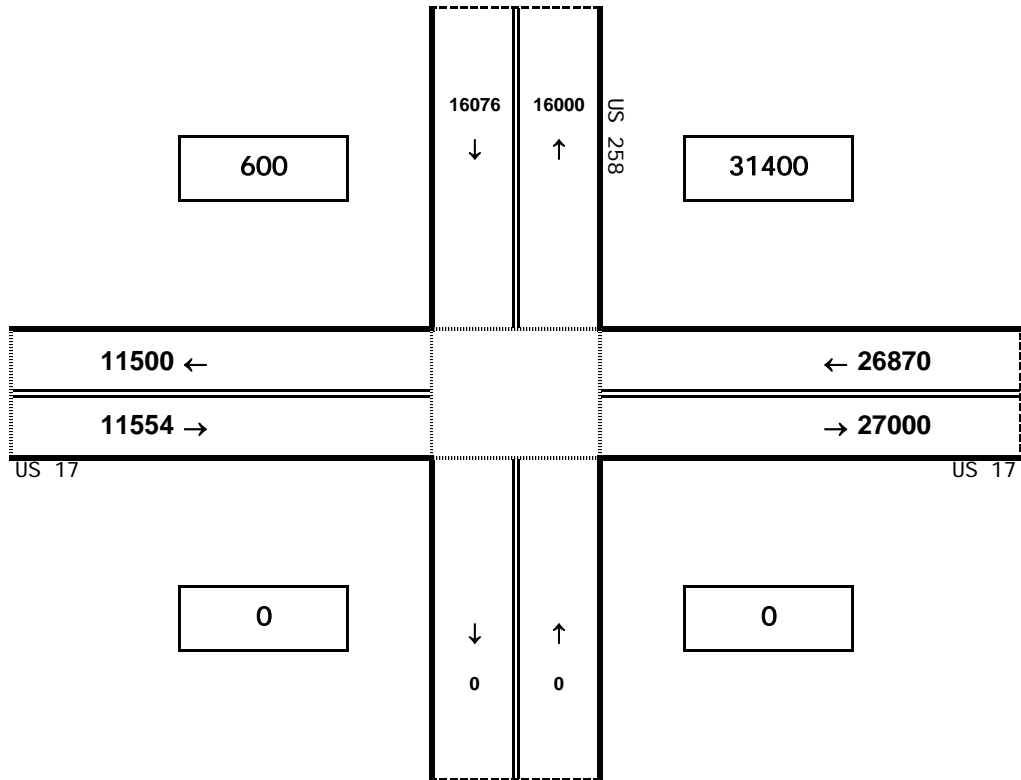
Intersection of NC 53 / SR 1130

Intersection analysis **buddy**



factors are valid when SCORE < 1.0

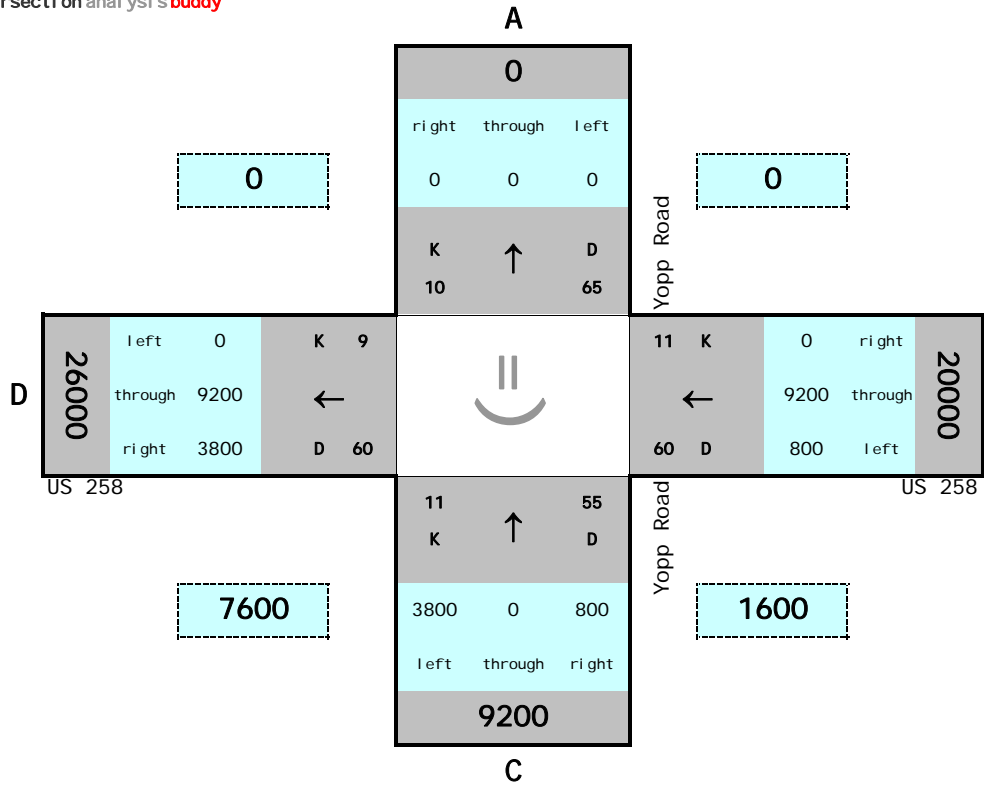
FUTURE VOLUMES



Intersection of US 258 / US 17

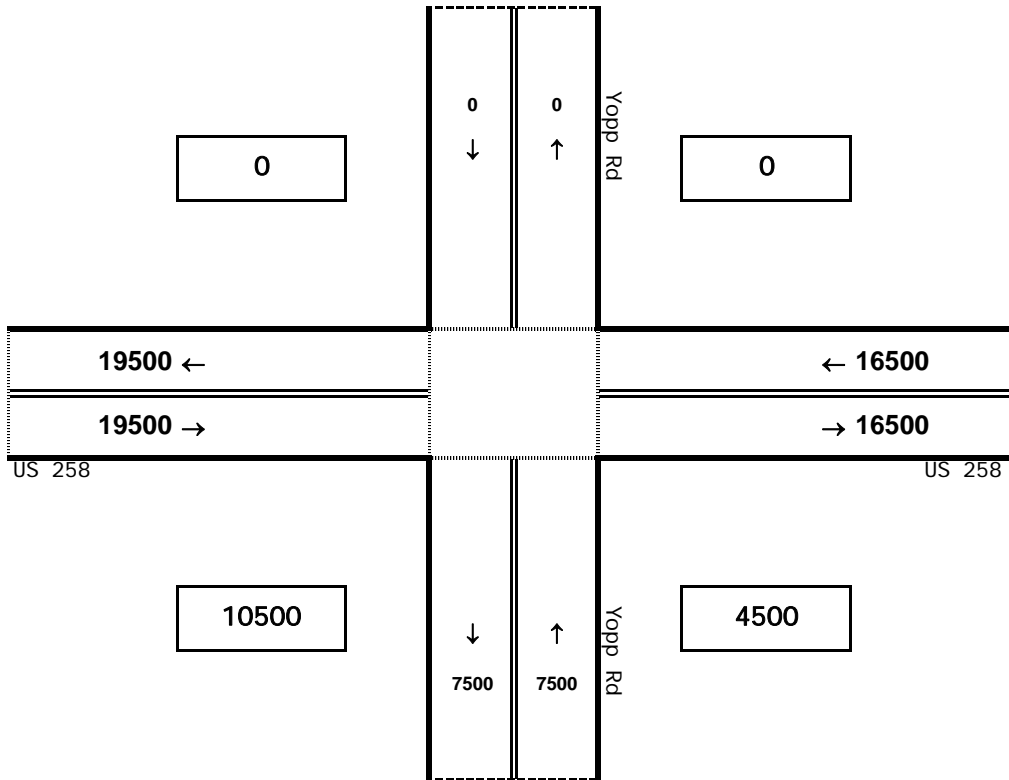


Intersection analysis buddy



INPUT:					
			0	Change NW & SE	
			0	Change NE & SW	
A	0	10	65		0
B	20000	11	60		33000
C	9200	11	55		15000
D	26000	9	60		39000
leg	current aadt	K	D	dir. parity	projected aadt
(use AADT = 0 to disregard an intersection leg)					
VALIDATION RESULTS:					
score:					
FACTORS ARE VALID					0.63
TURNS ARE VALID					
CURRENT AADTs ARE VALID					
PROJ. AADTs ARE VALID					
factors are valid when SCORE < 1.0					

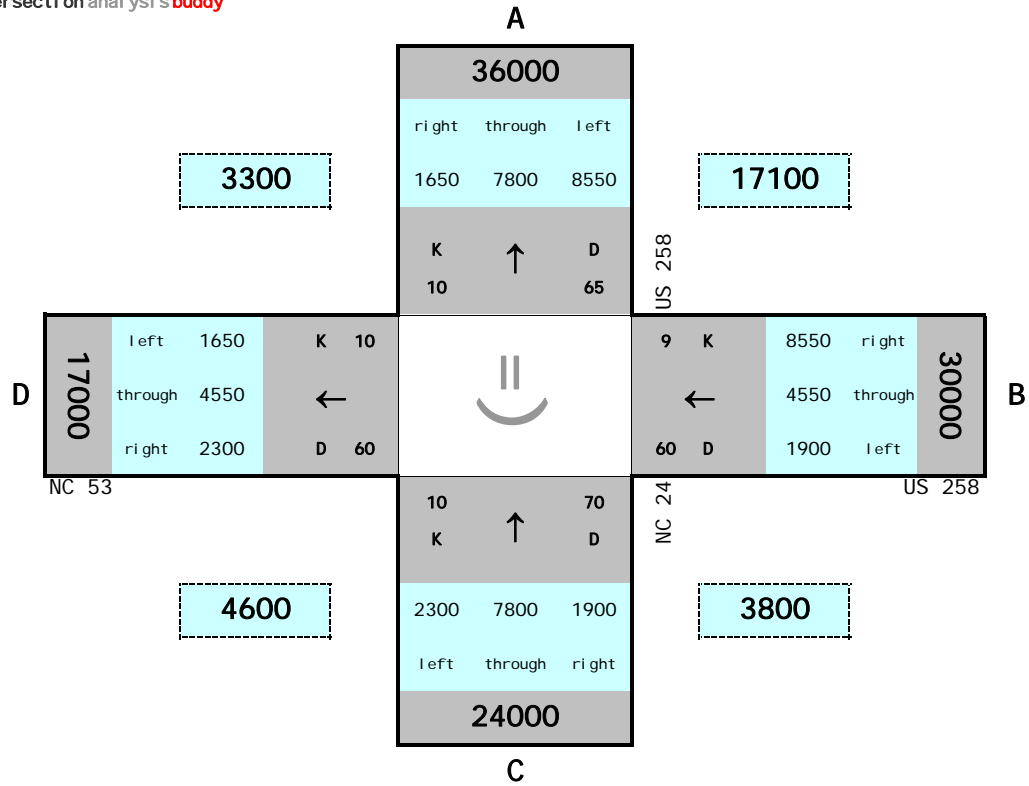
FUTURE VOLUMES



Intersection of US 258 / Yopp Rd



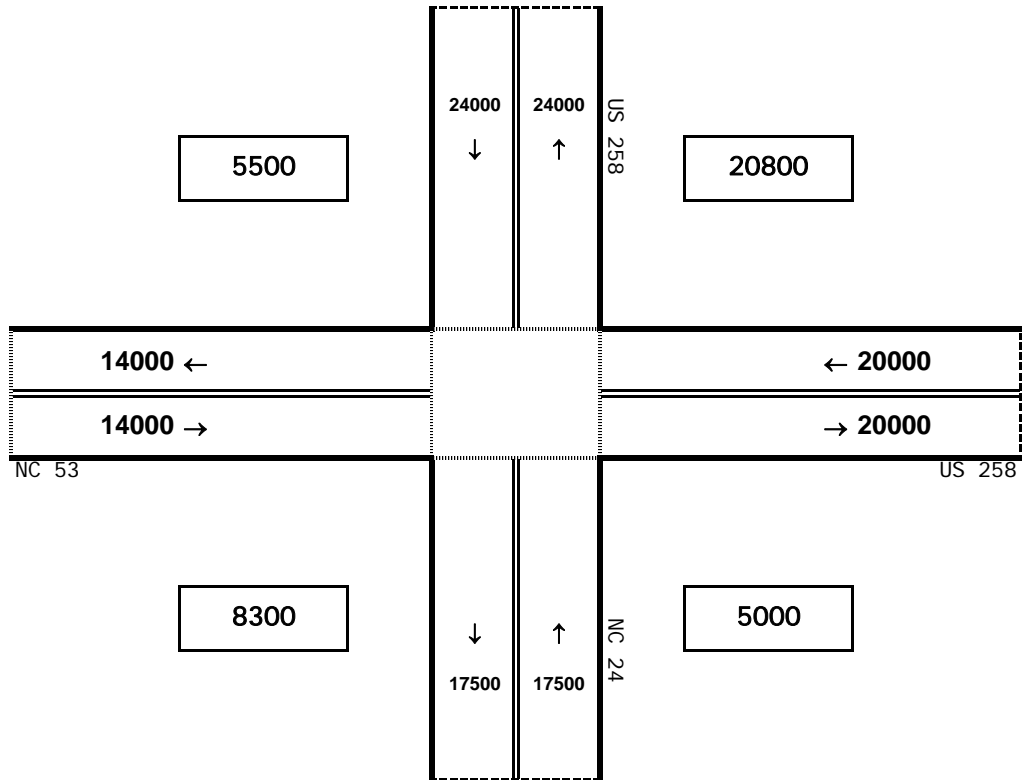
Intersection analysis buddy



INPUT:				
			0	Change NW & SE
			0	Change NE & SW
A	36000	10	65	
B	30000	9	60	
C	24000	10	70	
D	17000	10	60	
leg	current aadt	K	D	dir. parity
(use AADT = 0 to disregard an intersection leg)				
VALIDATION RESULTS:				
score:				
FACTORS ARE VALID				0.44
TURNS ARE VALID				
CURRENT AADTs ARE VALID				
PROJ. AADTs ARE VALID				
factors are valid when SCORE < 1.0				

48000
40000
35000
28000
projected aadt

FUTURE VOLUMES



Intersection of US 258 / NC 24 / NC 53

☺

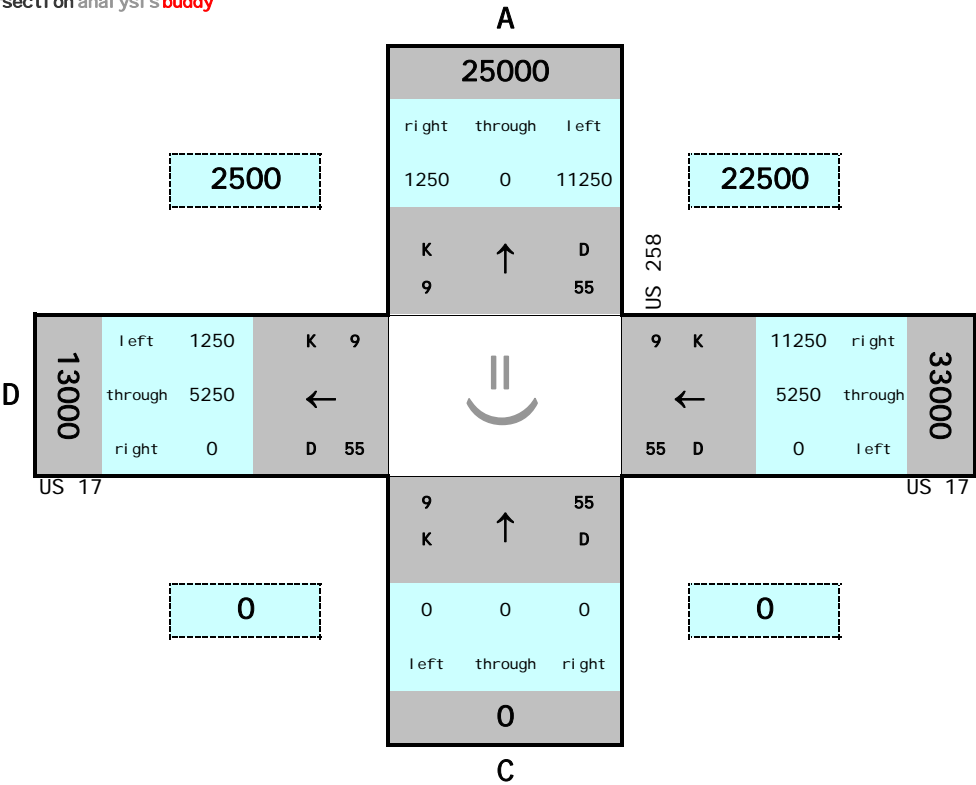
☺

☺

☹

☺

Intersection analysis buddy



I NPUT:

			0	Change NW & SE
			0	Change NE & SW
A	25000	9	55	33000
B	33000	9	55	54000
C	0	9	55	0
D	13000	9	55	23000
leg	current aadt	K	D	dir. parity

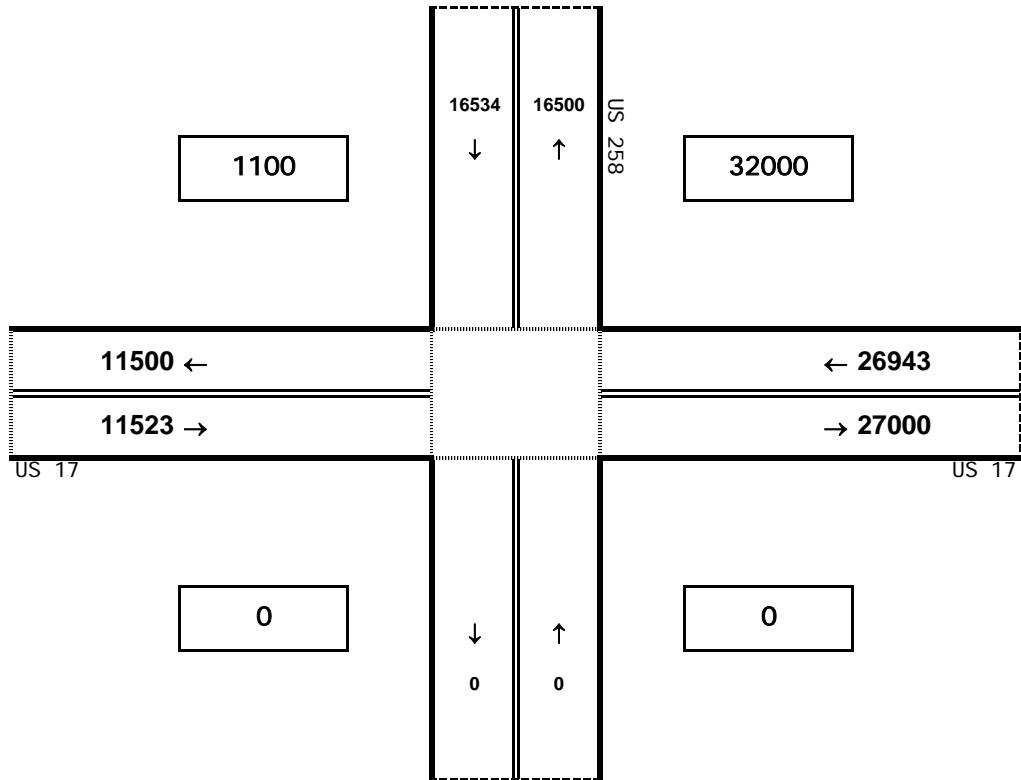
(use AADT = 0 to disregard an intersection leg)

VALIDATION RESULTS:

score:	
FACTORS ARE VALID	0.30
TURNS ARE VALID	
CURRENT AADTs ARE VALID	
PROJ. AADTs ARE VALID	

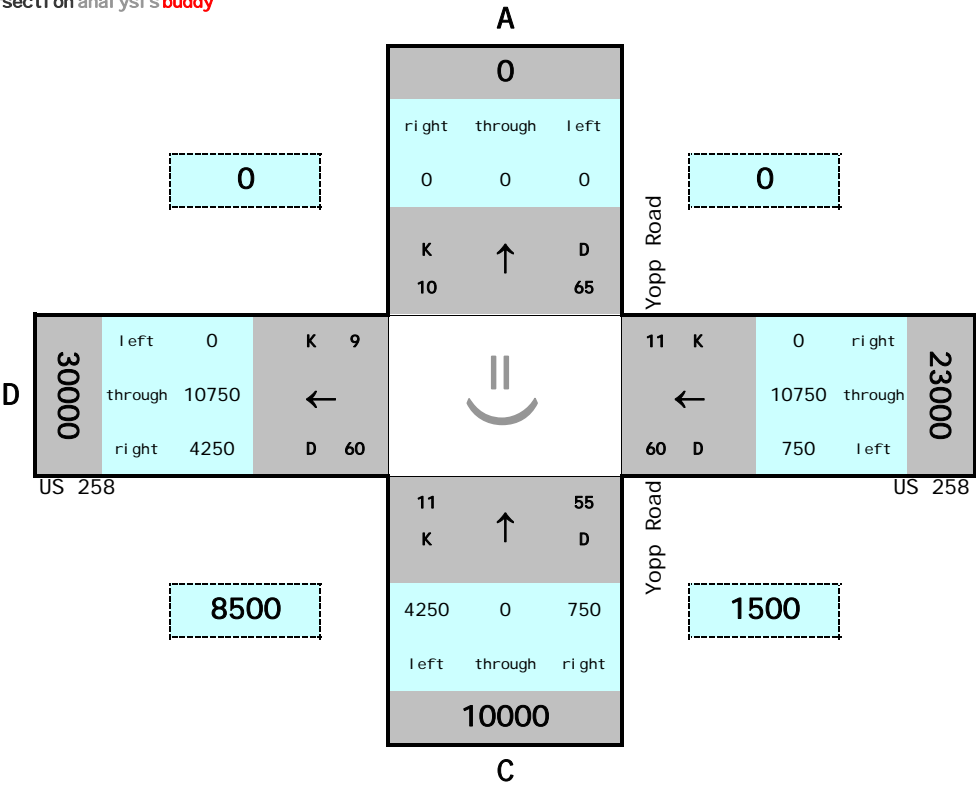
factors are valid when SCORE < 1.0

FUTURE VOLUMES



Intersection of US 258 / US 17

Intersection analysis buddy



INPUT:

			0	Change NW & SE
			0	Change NE & SW
A	0	10	65	
B	23000	11	60	
C	10000	11	55	
D	30000	9	60	
leg	current aadt	K	D	dir. parity

(use AADT = 0 to disregard an intersection leg)

	0
	34000
	15000
	40000
	projected aadt

VALIDATION RESULTS:

score:

FACTORS ARE VALID0.56

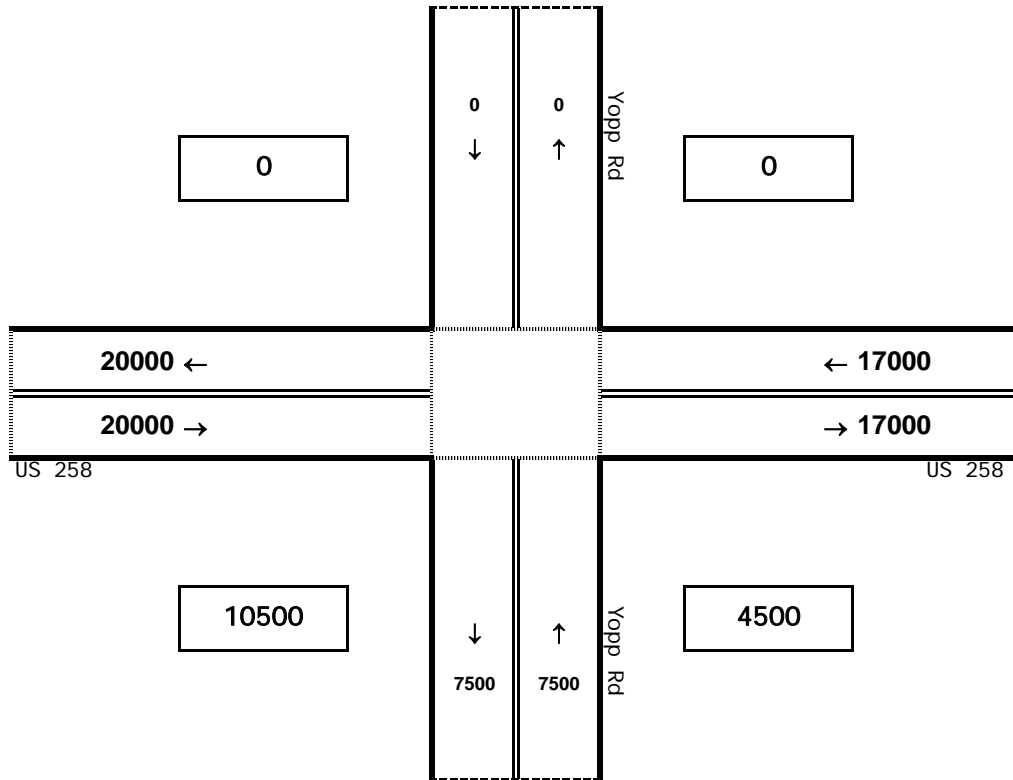
TURN S ARE VALID

CURRENT AADTs ARE VALID

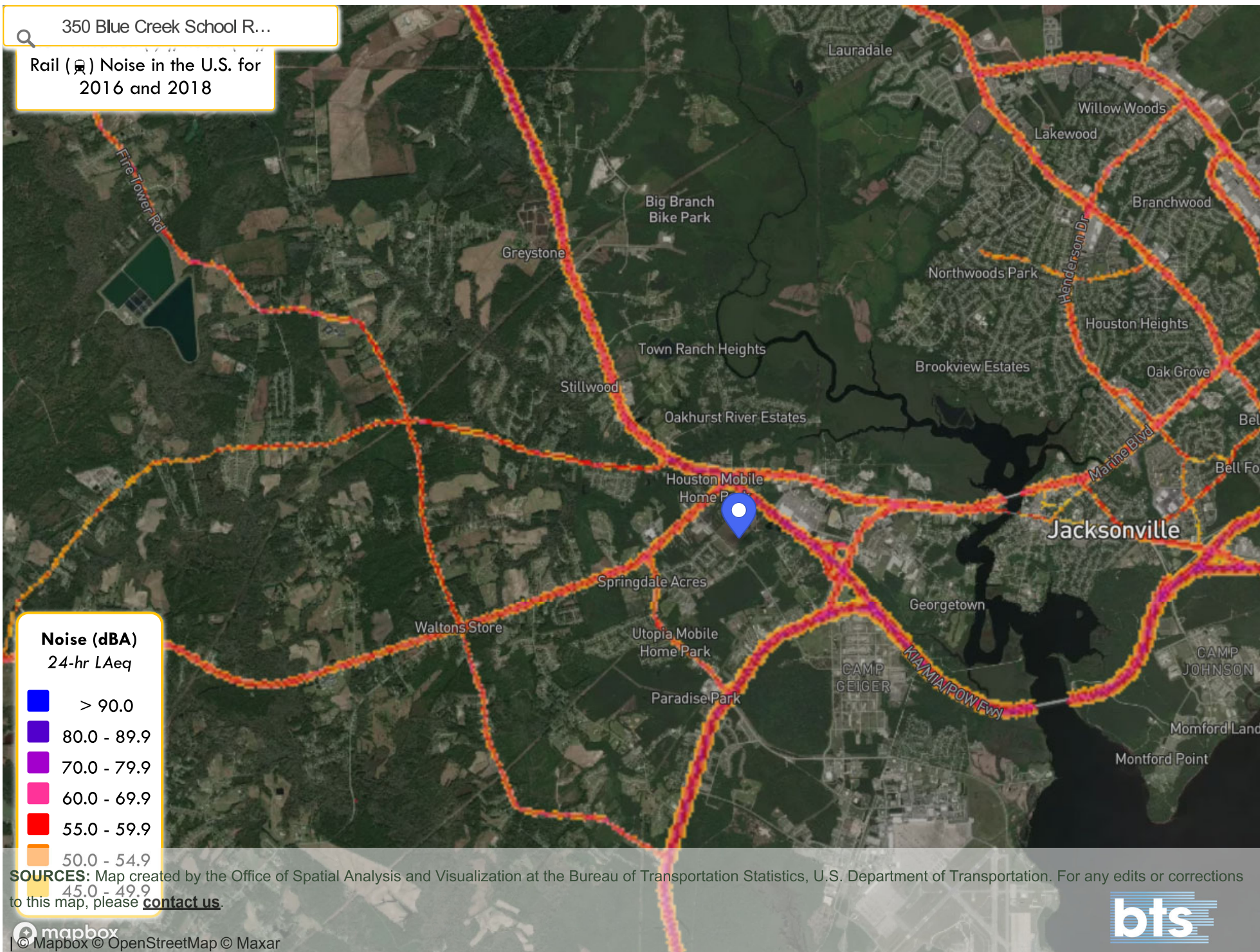
PROJ. AADTs ARE VALID

factors are valid when SCORE < 1.0

FUTURE VOLUMES



Intersection of US 258 / Yopp Rd





Not to Scale

FIGURE 14: SOLE SOURCE AQUIFERS

Source: EPA Map of Sole Source Aquifers



Proposed Crestfield Point Apartments
Blue creek School Road
Jacksonville, North Carolina



ASE Project No. 1516
January 2022



Not to Scale

FIGURE 15: WETLANDS

Source: NPS Maps ArcGIS



Proposed Crestfield Point Apartments
Blue creek School Road
Jacksonville, North Carolina



ASE Project No. 1516
January 2022

Gievers, Andrea

From: Mark McCloskey <MarkMcCloskey@ephnc.com>
Sent: Wednesday, June 29, 2022 11:38 PM
To: Cheryl Moody; Gievers, Andrea
Cc: Traci Dusenbury Tate
Subject: [External] Re: Crestfield Point - Executive Order 11990 & Pond

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to [Report Spam](#).

Correct- the site has historically been a strawberry farm for many, many years, the pond is man made for the purpose of irrigation.

Thanks
Mark

Get [Outlook for iOS](#)

From: Cheryl Moody <cmoody@atlanticshoresenv.com>
Sent: Wednesday, June 29, 2022 1:43:35 PM
To: Gievers, Andrea <andrea.l.gievers@rebuild.nc.gov>
Cc: Mark McCloskey <MarkMcCloskey@ephnc.com>; Traci Dusenbury Tate <Traci@halconcompanies.com>
Subject: Re: Crestfield Point - Executive Order 11990 & Pond

man made. It app[ears to have been an irrigation pond for the former agricultural use on the site.

Cheryl J. Moody, PE, REM, CIEC, CMRS
Principal Engineer
Owner
LEED Green Associate

Atlantic Shores Environmental Services, Ltd.
175-1 Venture Drive
Belville, North Carolina 28451
910-371-5980 (o)
910-512-5321 (c)
cmoody@atlanticshoresenv.com
www.atlanticshoresenvironmental.com
NC License No. C-4762

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this communication in error or are not sure whether it is privileged, please immediately notify us by return e-mail and destroy any copies, electronic, paper or otherwise, which you may have of this communication.

On Jun 29, 2022, at 3:20 PM, Gievers, Andrea <andrea.l.gievers@rebuild.nc.gov> wrote:

Hello:

Is the pond observed at the site on the northeastern portion of the property, *manmade or natural*? I had tried to find a loophole with the vegetation blurb from Cheryl. Thanks

Sincerely,

Andrea Gievers

From: Smith, Lenwood E <Lenwood.E.Smith@hud.gov>

Sent: Wednesday, June 29, 2022 3:14 PM

To: Gievers, Andrea <andrea.l.gievers@rebuild.nc.gov>

Subject: [External] RE: <External Message> Executive Order 11990 & Pond

CAUTION: External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to [Report Spam](#).

Is it a natural pond or a manmade pond? If it is a natural pond it is considered a wetland pursuant to the EO definition of wetlands, as noted below, and thus subject to the EO. If it is a manmade pond it is not considered a wetland and is not subject to the EO.

E.O 11990 Section 7(c): "Wetlands means those areas that are inundated by surface or ground water with a frequency sufficient to support, and under normal circumstances does or would support, a prevalence of vegetative or aquatic life that requires saturated or seasonally saturated soil conditions for growth and reproduction. Wetlands generally include swamps, marshes, bogs, and similar areas such as sloughs, potholes, wet meadows, river overflows, mud flats, and **natural ponds** {Emphasis added}."

"Congress shall make no law respecting an establishment of religion, or prohibiting the free exercise thereof..." United States Constitution, Amendment One.

Lenwood "Len" Smith, II, CL
Environmental Protection Specialist
US Department of Housing and Urban Development
1500 Pinecroft Road, Suite 401
Greensboro, NC 27407-3838
Ph.: (336) 851-8054
Fx.: (336) 547-4138
Listserver sign ups: <https://www.hud.gov/subscribe/localmailinglist#nc>
Environmental Compliance Website: <https://www.hudexchange.info/environmental-review/>

From: Gievers, Andrea <andrea.l.gievers@rebuild.nc.gov>

Sent: Wednesday, June 29, 2022 2:57 PM

To: Smith, Lenwood E <Lenwood.E.Smith@hud.gov>

Subject: <External Message> Executive Order 11990 & Pond

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe. If you have concerns about the content of the email, please send it to phishing@hud.gov or click the Report Phishing Button on the Outlook ribbon or Phishing option within OWA.

Hello Lenwood:

If there is a pond on site, but “the pond and the area around the pond does not show hydrology, wetland vegetation or hydric soils.” Is it considered a wetland under Executive Order 11990 for HUD? No “new construction” in or within close proximity to pond proposed. Entire parcel is Zone X. Thanks for your help!

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.

Jurisdictional Determination Request

A. PARCEL INFORMATION

Street Address: _____

City, State: _____

County: _____

Parcel Index Number(s) (PIN): _____

B. REQUESTOR INFORMATION

Name: _____

Mailing Address: _____

Telephone Number: _____

Electronic Mail Address: _____

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. _____

C. PROPERTY OWNER INFORMATION²

Name: _____

Mailing Address: _____

Telephone Number: _____

Electronic Mail Address: _____

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.

James E. Maides

Print Name

Capacity: ☒ Owner ☐ Authorized Agent⁵

6/1/2022

Date

[Signature]
Signature

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: _____

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

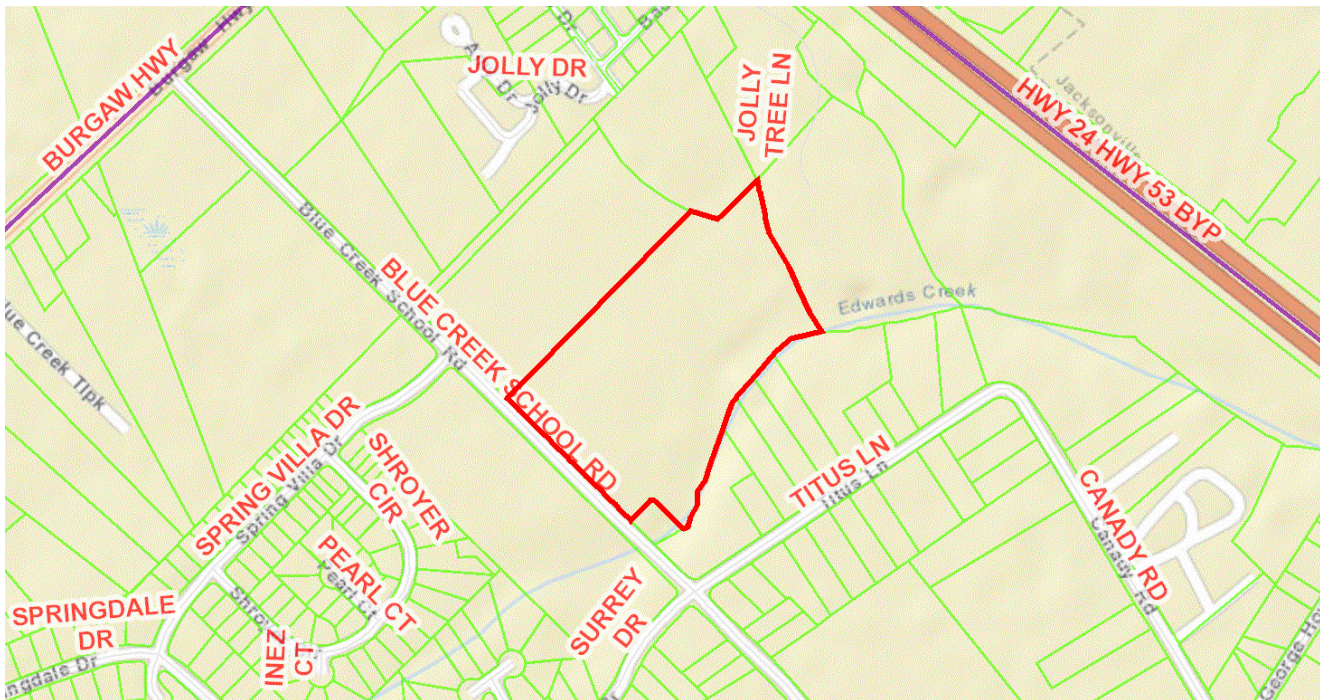
⁸ Please see <http://www.saw.usace.army.mil/Missions/Regulatory-Permit-Program/Jurisdiction/>

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 USACE 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.

Parcel ID	Map Number
005050	332-88
Owner Name	Owner Mailing Address
EAST POINT HOMES LLC	166 CENTER ST JACKSONVILLE NC 28546-5707



General Information

Acres	15.99	Property Description	L2 EAST POINT HOMES LLC
Physical Address	350 BLUE CREEK SCHOOL RD	Subdivision	EAST POINT HOMES LLC
Neighborhood Code	2040	City Limit	UNINCORPORATED ONSLOW
Plat Book & Page	78-042	NC PIN	435612963919
Township	JACKSONVILLE	Improvement Code	V
Building Value	\$0.00	Land Value	\$313,950.00
Assessed Value	\$313,950.00	Total Taxed Value	\$313,950.00
Heated Square Feet		Year Built	
Number of Bedrooms			

Last Sale

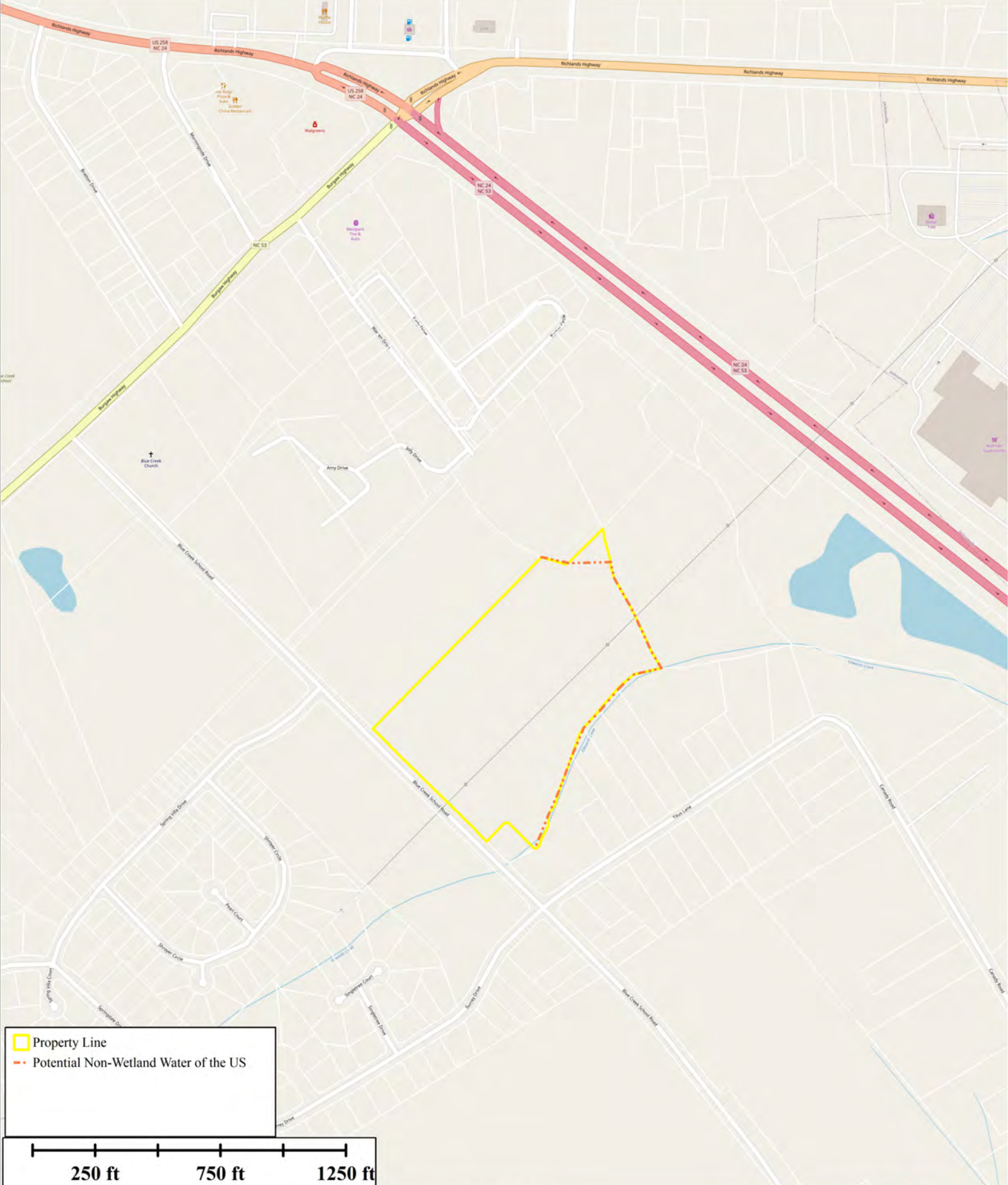
Date	Price	Book	Page
08-MAR-18	\$435,000.00	4747	545



Onslow County
Geographical Information
Services-GIS
234 NW Corridor Blvd.
Jacksonville, NC 28540

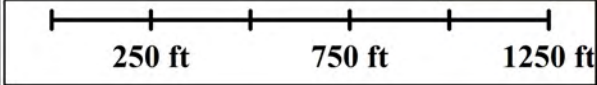
WARNING: THIS IS NOT A SURVEY.

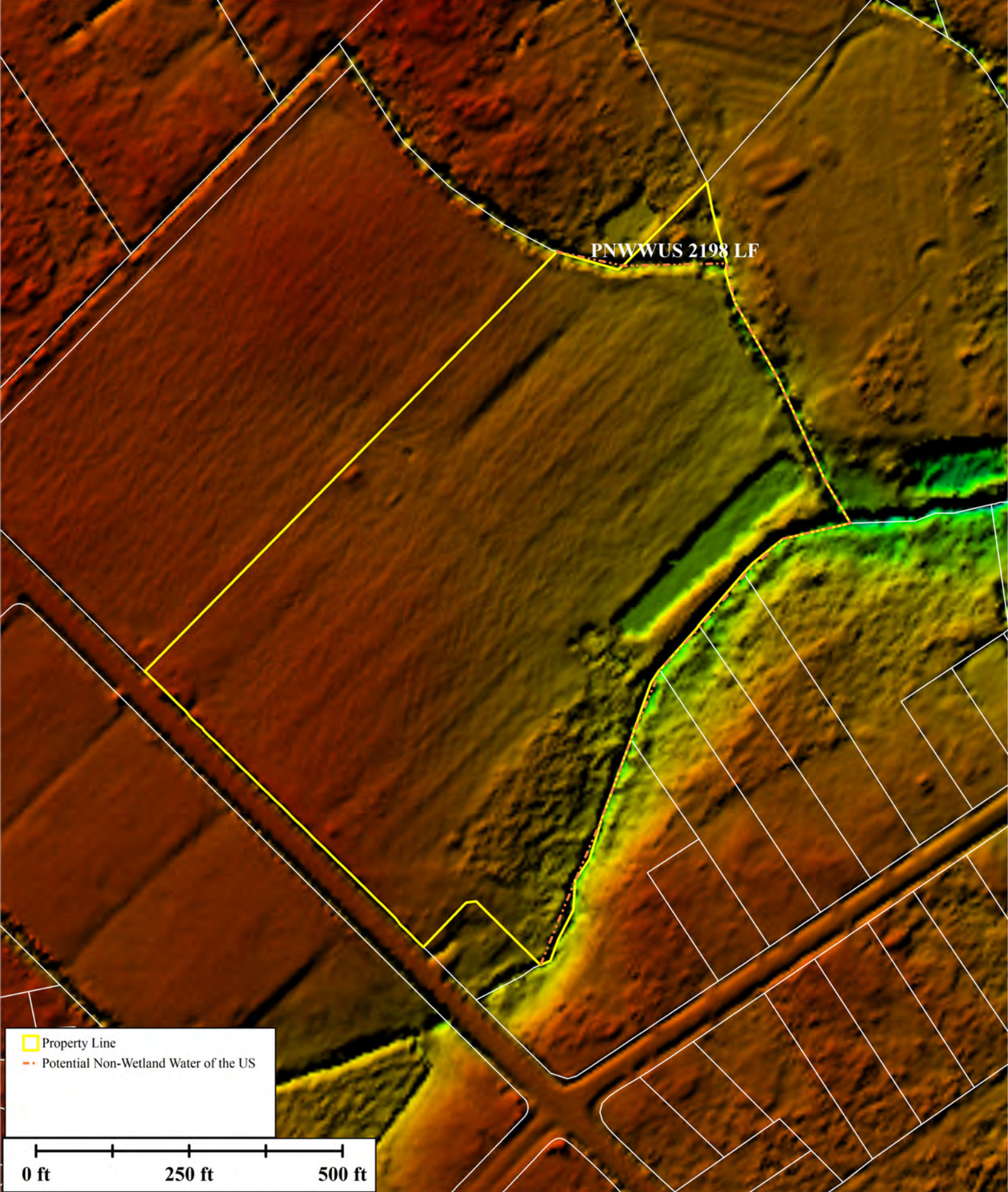
This map is prepared for the inventory of real property found within this jurisdiction, and is compiled from recorded deeds, plats, and other public records and data. Users of this map are hereby notified that the aforementioned public primary information sources should be consulted for verification of the information contained on this map. The County and mapping company assume no legal responsibility for the information contained on this map.



Property Line

Potential Non-Wetland Water of the US





Map Source: 2014 QL2 LiDAR Dem

LiDAR Map
Blue Creek Rd Tract
Jacksonville, Onslow Co., N.C.
06/20/2022 022-124.01





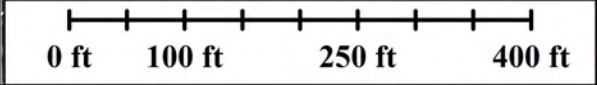
Map Source: USA Topo Maps

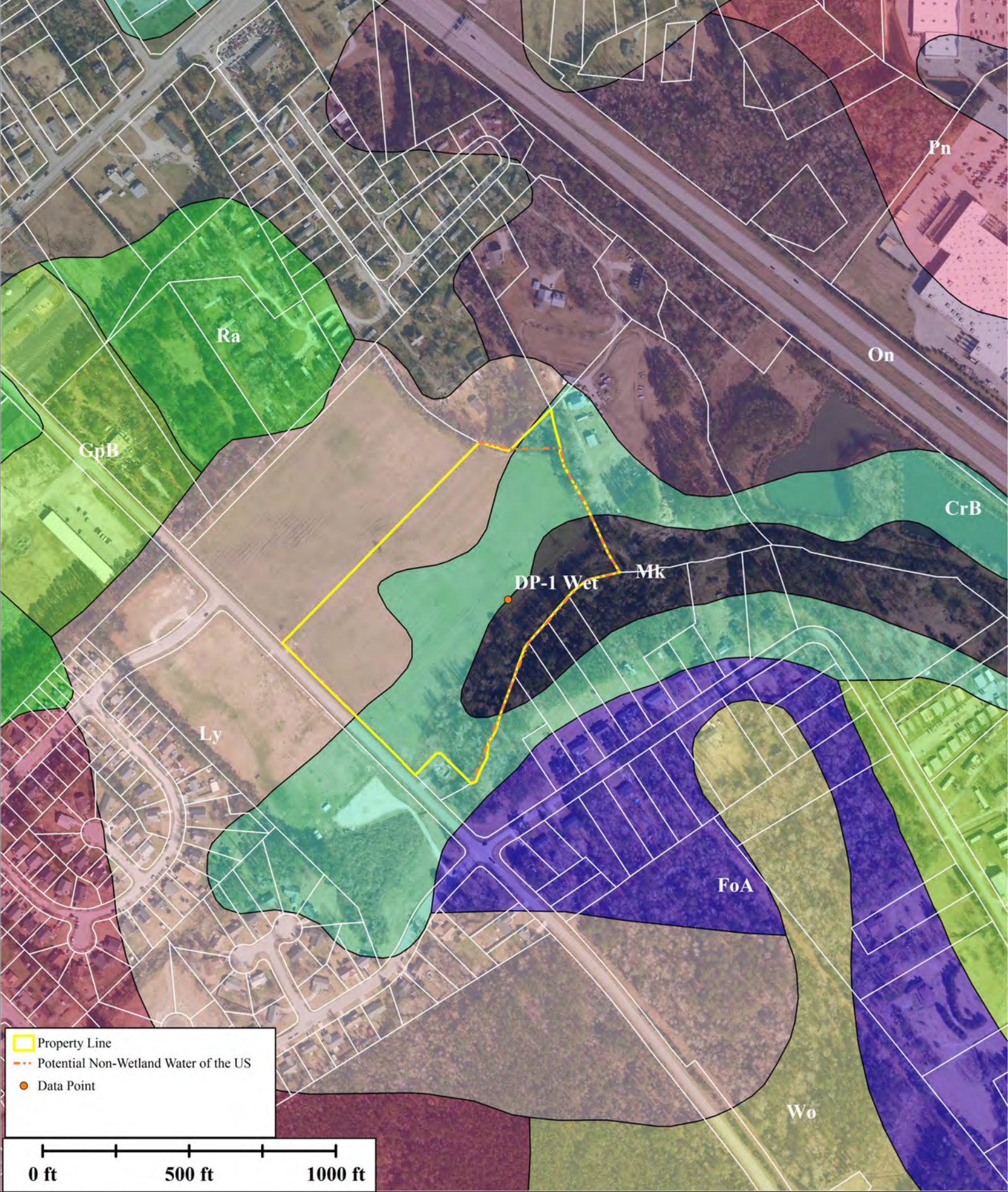
Topo Map
Blue Creek Rd Tract
Jacksonville, Onslow Co., N.C.
06/20/2022 022-124.01





Property Line
Potential Non-Wetland Water of the US
Data Point





Map Source: 2019 NC Statewide Orthoimagery
Web Soil Survey: SSURGO Data

Soils Map
Blue Creek Rd Tract
Jacksonville, Onslow Co., N.C.
06/20/2022 022-124.01



Memorandum of Agreement

This Agreement is entered into this the ~~30~~³¹ day of July 2022 by and between the North Carolina Housing Finance Agency, a public agency and instrumentality of the State of North Carolina (the "Agency"), Crestfield Point, LLC, a North Carolina limited liability company (the "Developer"), and the North Carolina Office of Recovery and Resiliency ("NCORR").

WHEREAS, the Agency administers the Rental Production Program (the "Program") to make loans to developers to construct or rehabilitate affordable apartments in North Carolina; and

WHEREAS, loans under the Program may be funded, with Community Development Block Grant – Disaster Recovery federal funds (the "CDBG-DR Funds") under the FAA Reauthorization Act of 2018 (Public Law 115-254) and the Additional Supplemental Appropriations for Disaster Relief Act of 2019 (Public Law 116-20)(the "CDBG-DR Act"), and

WHEREAS, loans under the Program may also be funded, with federal funds (the "HOME Funds") under the HOME Investment Partnership Act (Title/Section II of the Cranston-Gonzalez National Affordable Housing Act of 1990, as amended) (the "HOME Act") (the CDBG-DR Act and the HOME Act are hereinafter collectively referred to as the "Acts"); and

WHEREAS, the Acts require a completed environmental review process under 24 CFR Part 58 prior to committing any CDBG-DR Funds or HOME Funds to a project; and

WHEREAS, the Agency proposes to make two (2) loans (collectively, the "Loans") to the Developer under the Program for the construction of a 72-unit affordable housing apartment complex to be known as Crestfield Point located on 350 Blue Creek School Road, Jacksonville, Onslow County, NC 28540 (the "Project"); and

WHEREAS, the first of the Loans will be fully funded using CDBG-DR Funds and the second of the Loans will be fully funded using HOME Funds; and

WHEREAS, the Agency and NCORR have both completed separate environmental reviews for the Loans as required under 24 CFR Part 58; and

WHEREAS, the required environmental mitigation measures are required to be taken by the Developer as a condition for making the Loans to the Developer; and

WHEREAS, NCORR, the Agency, and the Developer desire to enter into this Agreement for the purposes of establishing the mitigation measures under which the Project must be developed.

NOW, THEREFORE, in consideration of the mutual covenants and promises and obligations contained herein, and as a condition of funding the Loans, the parties agree as follows:

I. Mitigation Measures.

The Developer agrees to construct the Project and otherwise implement the mitigation measures listed below to reduce, avoid, or eliminate adverse environmental impacts. These measures/conditions must be incorporated into project contracts, development agreements, and other relevant documents. The Developer is fully responsible for implementing and monitoring mitigation measures.

- A. The Project involves the new construction of 72 units of affordable housing on a 13.2-acre parcel (see Project site plans in **Exhibit A**). The Project site plans show preliminary notations for potential onsite wetlands. According to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps (FIRM) Panel Number 3720435600J dated November 3, 2005, the entire parcel is located in Zone X which is not a Special Flood Hazard Area (**Exhibit B**). According to the U.S. Fish and Wildlife Service's National Wetlands Inventory (NWI) Mapper, there are no mapped wetlands located on the parcel (**Exhibit B**). An application for a U.S. Army Corps of Engineers (USACE) jurisdictional determination (JD) (**Exhibit B**) has been submitted and the resulting USACE-issued JD and any accompanying delineation will serve as the determination for the

location of onsite wetlands. The wetlands will be determined whether they meet the HUD definition of wetlands under 24 CFR 55.2(b)(11) which can include non-jurisdictional and jurisdictional wetlands. The permanent restrictive covenant will apply to onsite HUD-defined wetlands.

HUD regulation 24 CFR 55.12 *Inapplicability of 24 CFR part 55 to certain categories of proposed actions* applies to this Project. According to 24 CFR 55.12(c), "[t]his part shall not apply to the following categories of proposed HUD actions:" (7) HUD's or the responsible entity's approval of a project site, an incidental portion of which is situated in an adjacent floodplain, including the floodway or Coastal High Hazard Area, or wetland, but only if:

- (i) The proposed construction and landscaping activities (except for minor grubbing, clearing of debris, pruning, sodding, seeding, or other similar activities) do not occupy or modify the 100-year floodplain (or the 500-year floodplain for critical actions) or the wetland;
- (ii) Appropriate provision is made for site drainage that would not have an adverse effect on the wetland; and
- (iii) A permanent covenant or comparable restriction is placed on the property's continued use to preserve the floodplain or wetland.

Thus, Project construction and landscaping activities shall not occupy or modify the wetland. Appropriate provision shall be made for site drainage to not have an adverse effect on the wetland. Further, a permanent restrictive covenant shall be placed on the property's continued use to preserve the wetland. **The Developer agrees that no ground disturbance (either temporary or permanent) will occur in the wetland. The Developer further agrees to record a restrictive covenant (in substantially the form attached hereto as Exhibit D) on the wetlands area within 60 days of site acquisition.**

- B. NCORR and the Agency identified mitigation measures in its environmental review for the Project that are required to be taken by the Developer as a condition for NCORR and the Agency to make a loan to the Developer. These mitigation measures are incorporated into this MOA and included as **Exhibit C**. These include the following mitigation measures for all wetlands identified on the parcel site and/or affected by the Project within close proximity:

Developer will schedule a site visit with NC DEQ Division of Water Resources (DWR) Clean Water Act (CWA) Section 401 water quality staff to discuss the proposal and to ensure compliance will be maintained per Section 401 Surface Water requirements and surface water standards. If wetland, riparian buffers or stream impacts are proposed, this Project will need to secure and comply with a Section 404 permit from USACE, obtain a Section 401 Water Quality Certification authorization, and a riparian buffer authorization as applicable. In addition, compliance with the 15A NCAC 02H .0500 T15 Certifications are required if construction or operation of facilities will result in a discharge into navigable water as described in 33 CFR part 323." NC DEQ DWR and USACE shall be contacted for a jurisdictional determination and whether permit(s) and/ or mitigation is required.

Sedimentation and erosion control must be addressed in accordance with Jacksonville 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. Further, the Project will comply with 15A NCAC 2H 1000 State Stormwater Permitting Programs that regulate site development and post-construction stormwater runoff control. The Project will have a stormwater permit and a Stormwater Pollution Prevention Plan (SWPPP). The Project construction and improvements will not be located in HUD-defined wetlands. Best management practices (BMPs) for erosion and sedimentation control such as silt fencing will be utilized during construction. Thus, measures will be implemented to ensure the Project will have no impacts to wetlands during construction.

The 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 Project shall be obtained before

commencing work and appended to the environmental review record when received from the permitting agencies.

II. Documentation; Repayment.

The Developer must demonstrate and document to the Agency and NCORR that it has complied with all of the mitigation measures listed above. In the event that any mitigation measure is not completed to the Agency's or NCORR's satisfaction, the Agency or NCORR may, at its discretion and determination, direct the Agency to rescind its obligation to make the Loans to the Developer or the Developer may be required to repay the Loans made to the Developer under the Program for the Project.

III. Monitoring and Reporting.

The Developer agrees to provide detailed written reports to the Agency or NCORR, upon their respective request, to sufficiently document the work undertaken under this Agreement. The Agency and NCORR shall have the ability to conduct unannounced site visits to monitor and review the construction process including these mitigation measures.

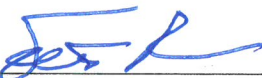
IV. Miscellaneous.

- A. This Agreement shall bind all successors and assigns of the Developer.
- B. This Agreement shall be governed by and construed under North Carolina law. Any and all disputes between the parties that cannot be settled by mutual agreement shall be resolved solely and exclusively in the North Carolina State Courts.
- C. Any modifications to this Agreement shall be in writing and signed by all parties.
- D. This Agreement may be executed in one or more counterparts and shall become effective on the date first written above.
- E. Any provision herein contained which by its nature and effect is required to be observed, kept or performed after the execution of this Agreement shall survive said execution and remain binding upon and for the benefit of the parties until fully observed, kept, or performed.

Now, therefore, the parties have caused this Agreement to be duly approved and duly executed.

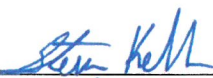
North Carolina Housing Finance Agency

Crestfield Point, LLC

By: 

Scott Farmer, Executive Director

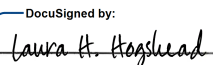
Date: 7/20/22

By: 

Steven Kellum, member

Date: 7/20/22

North Carolina Office of Recovery and Resiliency

DocuSigned by:
By: 

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Laura Hogshead, Director

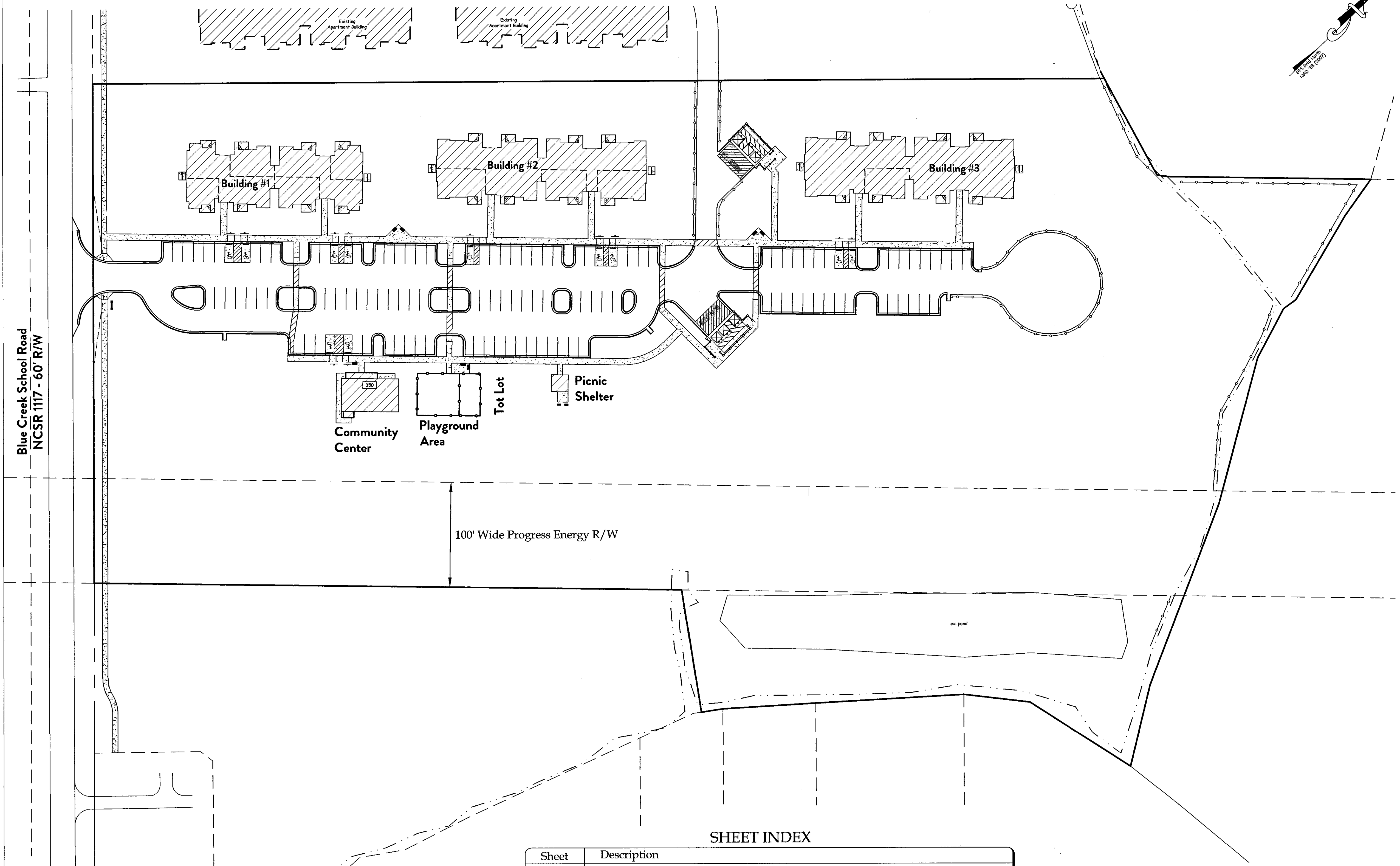
Date: 7/21/2022

EXHIBIT A

Project Site Plans

CRESTFIELD POINT APARTMENTS

Jacksonville Township, Onslow County, North Carolina
350 Blue Creek School Road



Master Legend:

- Ac - Acres
- B-B - Back of Curb to Back of Curb
- BO - Blow Off
- CL - Centerline
- CB - Catch Basin w/ Inlet Protection
- CO - Cleanout
- Conc - Concrete
- C&G - Curb & Gutter
- D.B. - Dead Book
- DI - Ductile Iron
- edp - Edge of Pavement
- Elev - Elevation
- Ex - Existing
- cho - Existing Blow-off
- ecbv - Existing Cable TV Box
- efh - Existing Fire Hydrant
- egv - Existing Gate Valve
- egw - Existing Guy Wire
- epb - Existing Phone Box
- epw - Existing Power Pole
- essmh - Existing Sanitary Sewer Manhole
- ewm - Existing Water Meter
- FPE - Finish Floor Elevation
- FH - Fire Hydrant
- FES - Flared End Section
- FL - Flow Line
- GV - Gate Valve
- H/C - Handicap
- Inv - Invert
- L.F. - Linear Feet
- M.B. - Map Book
- MBG - Match Existing Grade
- MH - Manhole
- Min - Minimum
- MBL - Minimum Building Line
- NCDOT - North Carolina Department of Transportation
- N.C.S.R. - North Carolina Secondary Road
- Pg. - Page
- P.T. - Plug Tapped
- PVI - Point of Vertical Intersection
- PVC - Polyvinyl Chloride Pipe
- R - Radius
- RCP - Reinforced Concrete Pipe
- RRA - Rip Rap Apron
- R/W - Right-of-way
- RCD - Rock Check Dam
- SS - Sanitary Sewer
- SFM - Sewer Force Main
- Sta. - Station
- S.F. - Square Foot
- Typ. - Typical
- V.C. - Vertical Curve
- WM - Water Meter
- YI - Yard Inlet w/ Inlet Protection
- x24.66 - Existing Spot Elevation
- Flow Arrow
- Handicap Parking
- Landscape Island Identification
- Proposed Pipe Label
- Proposed Spot Elevation
- Shrubs
- STOP - Stop Bar
- Stop Sign
- Street Address
- Top of Curb Elevation
- Flow Line Elevation



SHEET INDEX

Sheet	Description
1	Cover/Index Sheet
2	Site Plan
3	Existing Conditions Plan
4	Landscape Plan
5	Foundation Landscape Plan
6	Grading, Drainage, and Erosion & Sedimentation Control Plan
6A	Impervious Areas Map
7	Water and Sewer Plan
8	Plan & Profile of Water Line "A"
9	Plan & Profile of Water Line "B"
10	Site Detail Sheet
11	Grading, Drainage, and Erosion & Sedimentation Control Detail Sheet
12	Water and Sewer Detail Sheet
13	NCG01 Detail Sheet

Overall Site

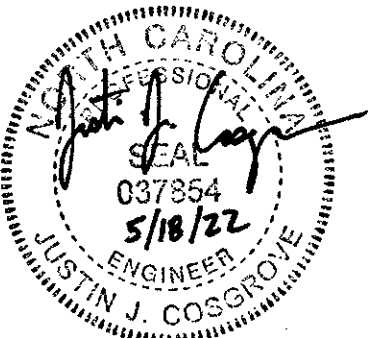
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Developer:

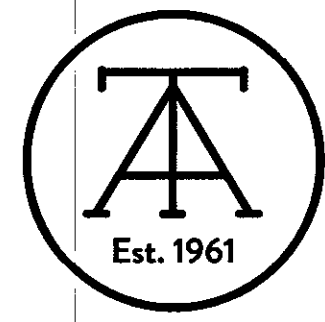
Carolina Statewide Development, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

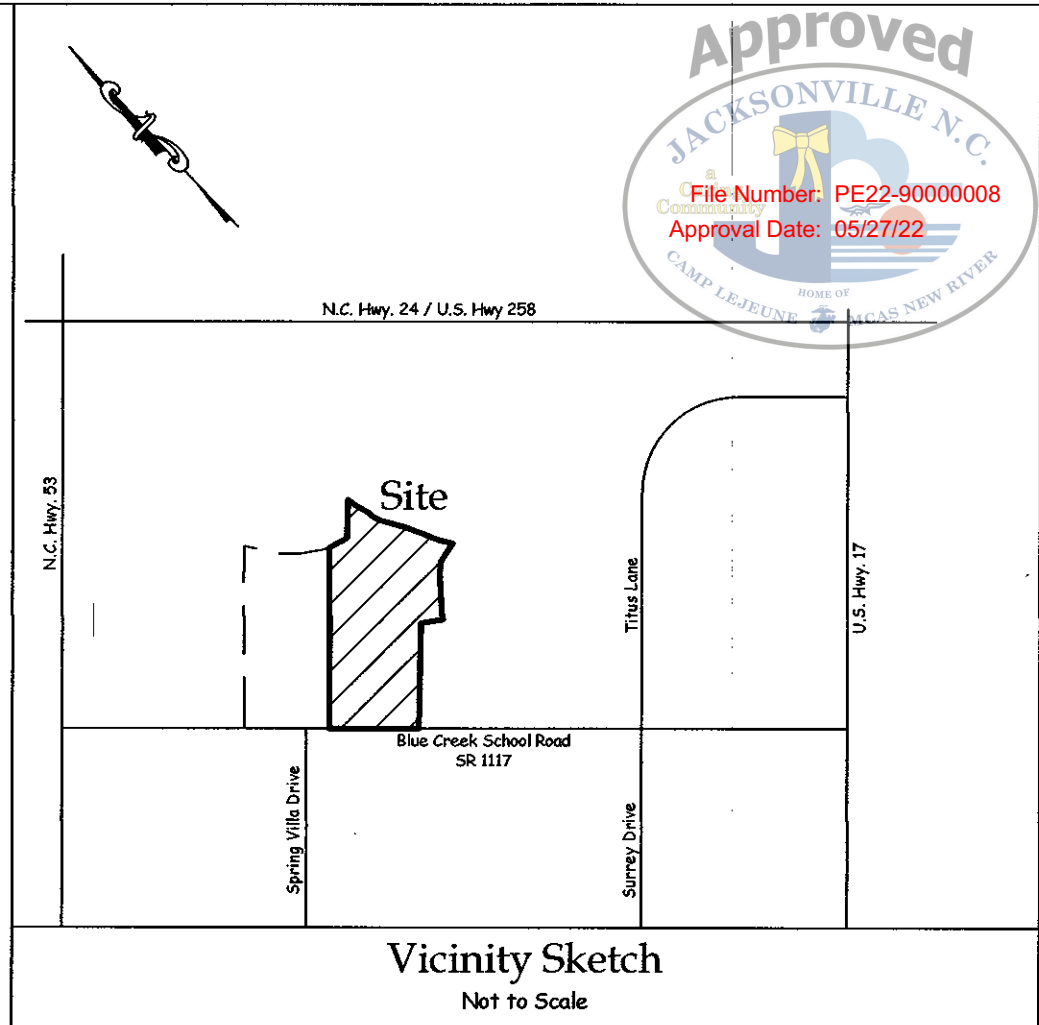
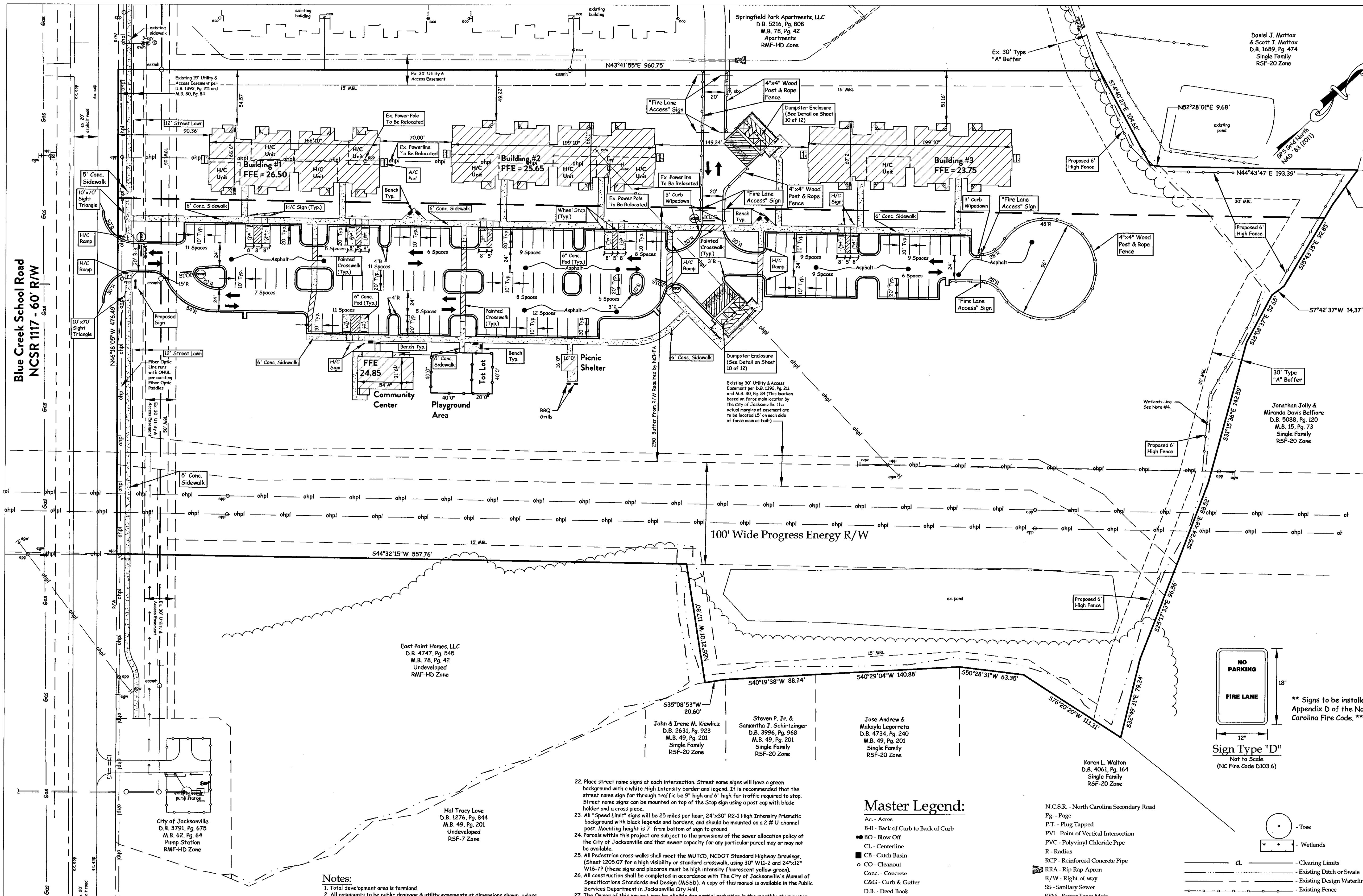
Owner:

East Point Homes, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003



TIDEWATER ASSOCIATES, INC.
Consulting Engineers - Land Surveyors - Land Planners
Jacksonville, North Carolina
P.O. Box 976 - 306 New Bridge Street - 28540
Phone (910) 455-2414 - www.TidewaterENC.com
Firm License Number: F-0108





Tract Data

Total Acreage	13.22 Ac.
Acreage of land to be disturbed and exposed	8.77 Ac.
Acreage in parks or other recreation land usage	0 Ac.
Acreage in open space (Required)	13.22 Ac. x 25% = 3.3 Ac.
Acreage in open space (Provided)	9.8 Ac.
Zone	RMF-HD (City of Jacksonville)
Number of Lots Existing	1
Number of Lots Proposed	1
Number of Units	72 (8 H/C Units)
Minimum Lot Size Allowed	n/a
Average Lot Size	n/a
Ownership Status	Rental
Type of Units	Apartment
Net Density Allowed (Max.)	5.45 Units/Acre
Density Proposed	5.45 Units/Acre
Existing Use(s)	Undeveloped
Proposed Use(s)	Apartment
Water Service	ONWASA
Sewer Service	COJ

Deed References:
D.B. 4747, Pg. 545
M.B. 81, Pg. 162
Tax Map 332, Parcel 88 PIN 435612963919

Setbacks

Front Setback, min. (feet)	50 feet from R/W
Corner Side Setback, min. (feet)	30 feet from R/W
Rear Setback, min. (feet)	30 feet
Side Setback, min. (feet)	5 feet
Spacing Between Buildings, min. (feet)	10 feet, 15 feet for buildings over 35 feet tall

Building Data:

Max. Building Height allowed	56'
Proposed Max. Height of Building	Apartment Building #1 = 35'± (3 Stories) Apartment Building #2 = 35'± (3 Stories) Apartment Building #3 = 35'± (3 Stories) Clubhouse = 15'± Picnic Pavilion = 15'
Sprinkler	YES - Apartment Buildings NO - Clubhouse
Existing Building Square Footage	0 S.F.
Proposed Building Square Footage	Apartment Building #1 = 27,959 S.F. Apartment Building #2 = 32,669 S.F. Apartment Building #3 = 32,682 S.F. Community Center = 1,938 S.F. Picnic Pavilion = 256 S.F.
Total Building Square Footage	95,504 S.F.
Construction Materials	Vinyl siding with brick veneer base

Parking Data:

Parking Required	Apartment Buildings 1.75 per dwelling unit 1.75 x 72 = 126 spaces (5 H/C Spaces)
Compact Spaces Allowed	(up to 25% for lots w/ 10 or more spaces)
Existing Parking	0 Spaces
Parking Provided	127 Spaces (11 H/C Spaces)
Compact Spaces Provided	0 Spaces
Total Parking	127 Spaces (11 H/C Spaces)

All Radii are 5' Unless Otherwise Noted

All Radii are From Back of Curb

Site Plan - Type II

CRESTFIELD POINT APARTMENTS
350 Blue Creek School Road
Jacksonville Twp., Onslow Co., North Carolina

Developer:
Carolina Statewide Development, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

DATE: 02/21/2022
SCALE: 1"=50'

TIDEWATER ASSOCIATES, INC.
Consulting Engineers - Land Surveyors - Land Planners
Jacksonville, North Carolina
P.O. Box 976 - 306 New Bridge Street - 28540
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Firm License Number: F-0108

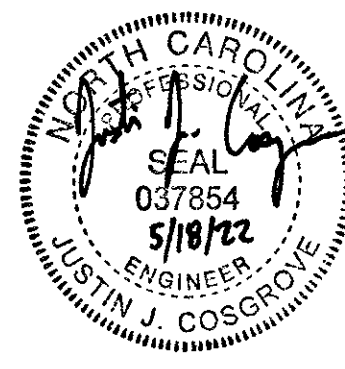
Note:
Contractor shall insure that he and all his workers (contractors, subcontractors and other site personnel) do not damage construction stakes or other measures used in laying out the project whether by the Engineer or another entry including these under the employ of the contractor. Contractor shall cause his workers to observe and verify to the fullest extent practicable that stakes, other measures and grades are, or appear to be, accurate and correct, and immediately, but prior to any associated work, notify the staking entity of any potential conflict, error or question regarding the work. The Engineer shall not be responsible if all of the above measures are not strictly adhered to. The Engineer shall not be responsible where due to damage, his staking can not be verified. For critical or costly components of the work, where the contractor believes that staking may not be preserved, the contractor shall request the staking entity to place staking in an area where its preservation can be insured.

22. Place street name sign at each intersection. Street name signs will have a green background with a white High Intensity border and legend. It is recommended that the street name sign for through traffic be 9" high and 6" high for traffic required to stop. Street name signs can be mounted on top of the Stop sign using a post cap with blade holder and a cross piece.
23. All "Speed Limit" signs will be 25 miles per hour, 24"x30" R2-1 High Intensity Prismatic background with black legends and borders, and should be mounted on a 2" #1 U-channel post. Mounting height is 7' from bottom of sign to ground.
24. Parcels within this project are subject to the provisions of the sewer allocation policy of the City of Jacksonville and that sewer capacity for any particular parcel may or may not be available.
25. All Pedestrian cross-walks shall meet the MUTCD, NCDOT Standard Highway Drawings, (Sheet 1205.07 for a high visibility or standard crosswalk, using 30" W1-1 and 24"x12" W15-77 (these signs and placards must be high intensity fluorescent yellow-green).
26. All construction shall be completed in accordance with The City of Jacksonville's Manual of Specifications Standards and Design (MSSD). A copy of this manual is available in the Public Services Department in Jacksonville City Hall.
27. The Owner of this project may be eligible for partial reduction in the monthly stormwater fee that will be associated with this development. To qualify for a fee credit the Owner will need to provide a completed credit application, copy of the City or State Stormwater issued permit, and a copy of the site plan. This should not be done prior to the project being completed.
28. It shall be unlawful for any person to make any excavation or do any other work which may cause a dangerous condition in or on any street, alley, sidewalk, public way or public place in the City, unless a written permit therefor shall have been first obtained from an officer of the City vested with authority to grant the same. No permit shall be issued in any case where a bond is required, until a bond shall have been executed and filed with the City clerk. The officer having authority to grant the desired permit may refuse to grant the same for good and sufficient cause, but the applicant therefore shall have the right to appeal from such refusal to the council.
29. All drives and parking to be asphalt.
30. Common areas (including drives and parking) will be maintained by the Crestfield Point Apartments Homeowners Associations.
31. 20' utility & access easement to be centered over all water mains, 30' utility & access easement to be centered over all sewer mains & 10' utility & access easement to be centered over all services up to & including water meters & sewer clean-outs.
32. The drives inside this project are private. The drives are designed for and shall allow access by public service and public safety vehicles. A permanent easement shall be recorded on the final plat allowing use by the lot owners and building occupants and by public service and safety agencies. The developer / subdividers shall execute and record on the final plat an approved statement waiving any claims for damage resulting from normal use by public service and safety agencies, waiving rights to request municipal maintenance in the future, acknowledging public agencies' rights to discontinue service unless the street or drive is maintained properly, and establishing responsibility for continuing maintenance of the private street or drive. This information and the project nature shall be recorded on the final plat and also included as a covenant in all transfers of lots or units in the development.
33. For additional details, see specifications and additional plans.
34. Slopes: 3:1 Seeding Allowed, 2:1 Sod Required, 1:1 Not Allowed Unless Engineered (Retaining Wall) and Not Written on Easement.
35. Refuse Collection area will be constructed to match Primary Buildings.
36. Stop / Yield bars shall be a minimum of 4 feet behind the crosswalk. When used on multi-lane highways or mid-block crosswalks the stop bar should be a minimum of 40 feet prior to the crosswalk.
37. Place the word STOP in advance of the stop bars at the end of parking lots.
38. Existing control measures are performance based and may require adjustments as needed.
39. For erosion control requirements, refer to the approved permit / plan.
40. Existing ditch banks are not to be disturbed and if existing ditch banks are disturbed, they shall be regraded to have 3:1 or flatter side slopes and the centerline graded to produce positive drainage.

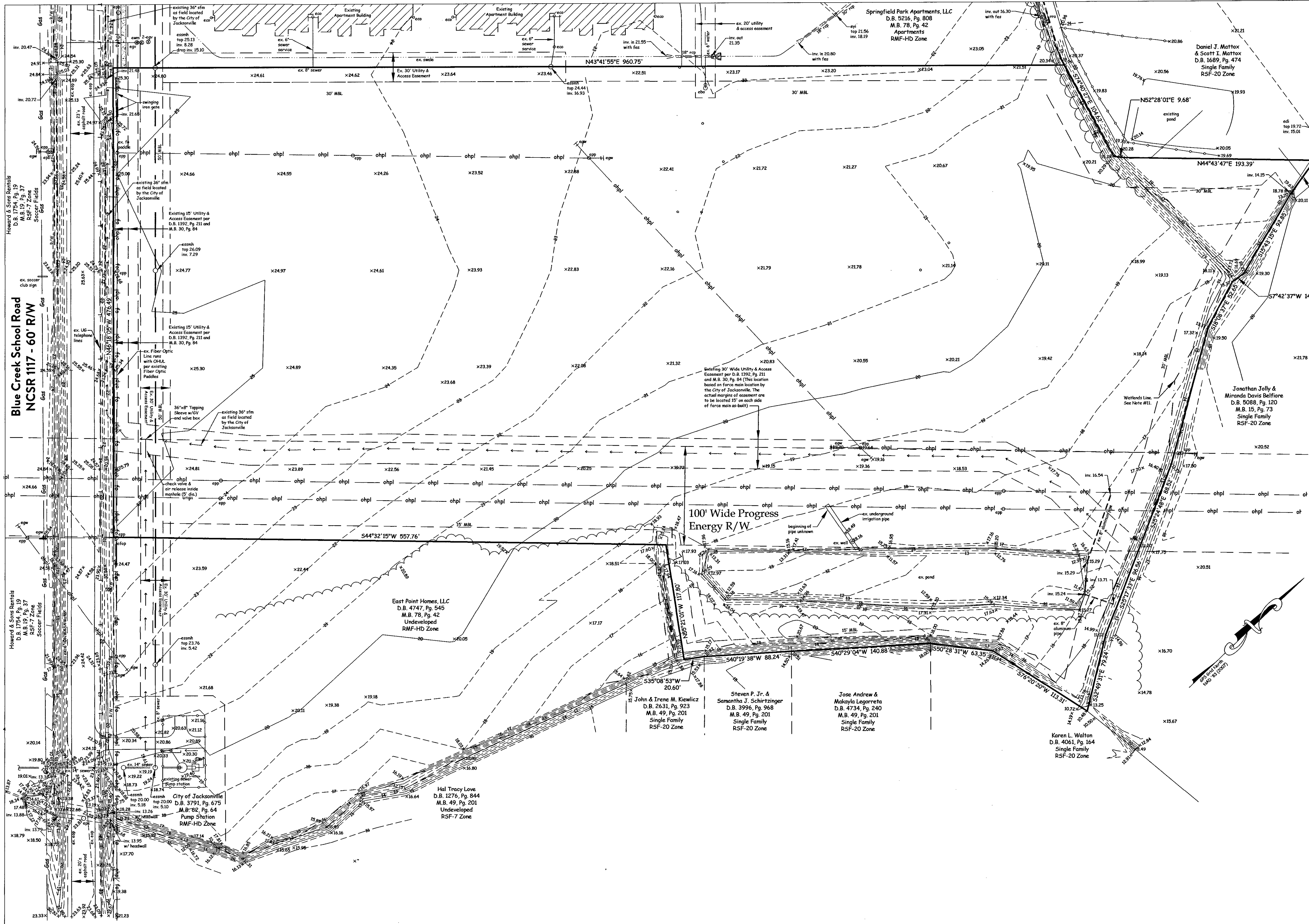
Master Legend:

- Ac - Acres
B-B - Back of Curb to Back of Curb
BO - Blow Off
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CO - Cleanout
Conc. - Concrete
C&G - Curb & Gutter
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DI - Ductile Iron
esp - Edge of Pavement
Elev. - Elevation
Ex. - Existing
exbo - Existing Blow-off
excb - Existing Cable TV Box
exfh - Existing Fire Hydrant
exgv - Existing Gate Valve
exgw - Existing Guy Wire
expb - Existing Phone Box
expp - Existing Power Pole
exsmh - Existing Sanitary Sewer Manhole
exwm - Existing Water Meter
FF - Finish Floor Elevation
FH - Fire Hydrant
FES - Flared End Section
FL - Flow Line
GV - Gate Valve
Inv - Invert
LF - Linear Feet
MB - Map Book
MG - Match Existing Grade
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MBL - Minimum Building Line
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- N.C.S.R. - North Carolina Secondary Road
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P.T. - Plug Tapped
PVI - Point of Vertical Intersection
PVC - Polyvinyl Chloride Pipe
R - Radius
RCP - Reinforced Concrete Pipe
RRA - Rip Rap Apron
R/W - Right-of-way
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SFM - Sewer Force Main
Sta. - Station
SR - Square Foot
Typ. - Typical
V.C. - Vertical Curve
WM - Water Meter
X24.66 - Existing Spot Elevation
- Flow Arrow
Handicap Parking
Landscape Island Identification
Proposed Pipe Label
Proposed Spot Elevation
Shrub
Stop Bar
Stop Sign
Top of Curb Elevation
Flow Line Elevation
Traffic Flow Arrow

- Tree
Wetlands
Clearing Limits
Existing Ditch or Swale
Existing Design Waterline
Existing Fence
Existing Sewer Force Main
Overhead Power Line
Proposed Ditch or Swale
Proposed Waterline
Underground Fiber Optic Line
Underground Gas Line
Underground Phone Line
Wetlands Line
Woods Line



Owner:
East Point Homes, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003



Legend:
See Sheet 1 of 13
(Master Legend)

Vicinity Sketch
Not to Scale

Approved
JACKSONVILLE, N.C.
File Number: PE22-9000008
Approval Date: 05/27/22

Tract Data

Total Acreage	13.22 Ac.
Percentage of Site Devoted To Open Space	100%
Number of Lots Existing	1
Number of Units Existing	0
Existing Use(s)	Undeveloped
Water Service	ONWASA
Sewer Service	COJ
Zone	RMF-HD (City of Jacksonville)

Deed References:
D.B. 4747, Pg. 545
M.B. 78, Pg. 42
Tax Map 332, Parcel 88 PIN 435612963919

Setbacks
Front Setback, min. (feet) 50 feet from R/W
Corner Side Setback, min. (feet) 30 feet from R/W
Rear Setback, min. (feet) 30 feet
Side Setback, min. (feet) 5 feet
Spacing Between Buildings, min. (feet) 10 feet, 15 feet for buildings over 35 feet tall

- Notes:**
1. Total development area is farmland.
 2. No USGS or NC65 monuments within 200' of site.
 3. No Register of Deeds Search done by, or furnished to surveyor in regards to Deed or Covenant Restrictions.
 4. The GPS portion of the boundary/control work was performed to third order, Class I, FGCC specifications; the coordinates were obtained by Real Time Kinematic Differential GPS Observations using Trimble Survey Grade 5800 GPS Unit, NC65 RTK Network Adjustments to NC Grid NAD '83, 2011 Adjustments. Average Positional Accuracy is 0.04' for the runs.
 5. All distances are horizontal ground, U.S. Survey Feet.
 6. Elevations per NAVD '88 Datum.
 7. The existence of utilities may imply the existence of an easement.
 8. Existing water line sizes and location taken from plans provided by the City of Jacksonville and field locations.
 9. Existing sewer line size and location taken from plans provided by the City of Jacksonville and field locations.
 10. There are no Areas of Environmental Concern (AEC) as defined by Coastal Area Management Act (CAMA) on this site.
 11. Wetlands line taken from map titled "Wetlands Survey" by Johnny J. Williams Land Surveying, PC dated 04/24/12.
 12. This project is not affected by any special Flood Hazard area based upon FEMA map QFN 37017B 4356J (City of Jacksonville), Effective November 3, 2005.
 13. Topographic contours taken from an actual survey by Johnny J. Williams Land Surveying, P.C. in December 28, 2009.
 14. Boundary data per survey by Johnny J. Williams Land Surveying, P.C. in December, 2009.

Note:
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Existing Conditions Plan

CRESTFIELD POINT APARTMENTS
350 Blue Creek School Road
Jacksonville Twp., Onslow Co., North Carolina

Owner:
East Point Homes, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

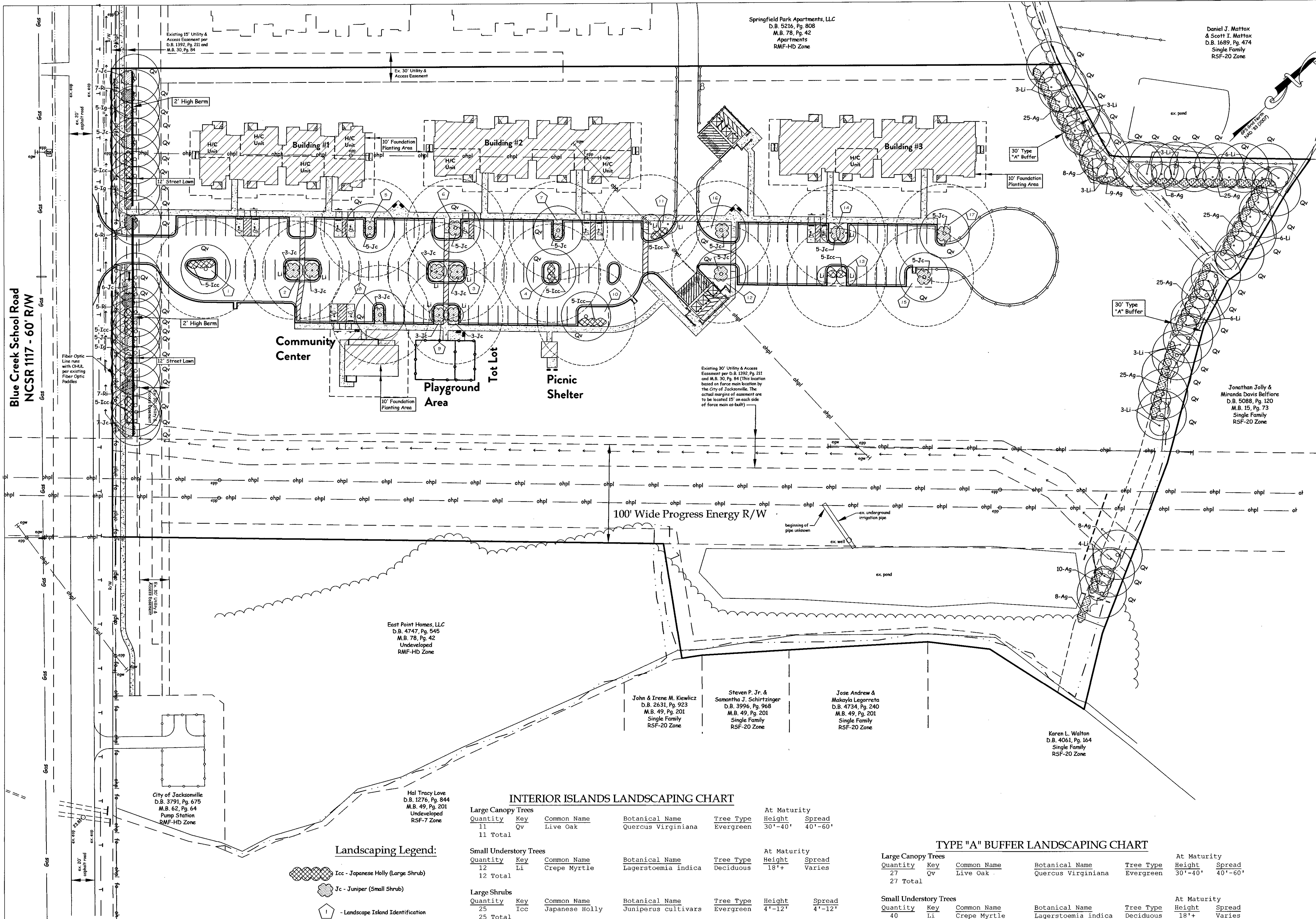
Developer:
Carolina Statewide Development, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

DATE: 02/21/2022
SCALE: 1"=50'

GRAPHIC SCALE: 1"=50'
0 50 100 150
FEET

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Consulting Engineers - Land Surveyors - Land Planners
Jacksonville, North Carolina
P.O. Box 976 - 306 New Bridge Street - 28540
Phone (910) 455-2414 - www.TidewaterENC.com
Firm License Number: F-0108

Sheet 3 of 13



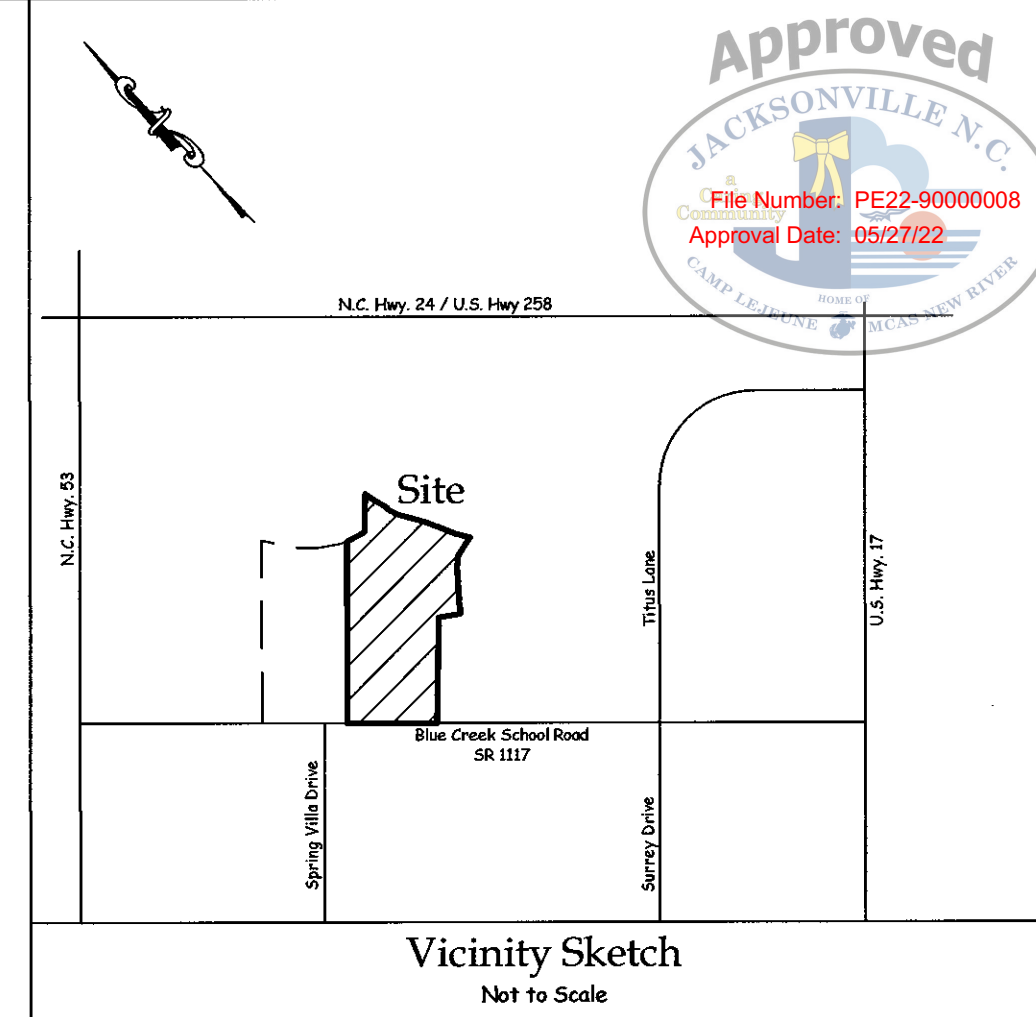
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INTERIOR ISLANDS LANDSCAPING CHART						
Large Canopy Trees					At Maturity	
Quantity	Key	Common Name	Botanical Name	Tree Type	Height	Spread
11	Qv	Live Oak	Quercus Virginiana	Evergreen	30'-40'	40'-60'
11 Total						
Small Understory Trees					At Maturity	
Quantity	Key	Common Name	Botanical Name	Tree Type	Height	Spread
12	Li	Crepe Myrtle	Lagerstoemia indica	Deciduous	18'+	Varies
12 Total						
Large Shrubs						
Quantity	Key	Common Name	Botanical Name	Tree Type	Height	Spread
25	Icc	Japanese Holly	Juniperus cultivars	Evergreen	4'-12'	4'-12'
25 Total						
Small Shrubs						
Quantity	Key	Common Name	Botanical Name	Tree Type	Height	Spread
63	Jc	Junipers	Juniperus cultivars	Evergreen	1'-20'	1'-10'
63 Total						

STREET LAWN LANDSCAPING CHART						
Large Canopy Trees					At Maturity	
Quantity	Key	Common Name	Botanical Name	Tree Type	Height	Spread
21	Qv	Live Oak	Quercus Virginiana	Evergreen	30'-40'	40'-60'
21 Total						
Large Shrubs						
Quantity	Key	Common Name	Botanical Name	Tree Type	Height	Spread
15	Icc	Japanese Holly	Ilex crenata cultivars	Evergreen	4'-12'	4'-12'
15	Ig	Inkberry Holly	Ilex glabra	Evergreen	5'-10'	5'-10'
30 Total						
Small Shrubs						
Quantity	Key	Common Name	Botanical Name	Tree Type	Height	Spread
30	Jc	Junipers	Juniperus cultivars	Evergreen	1'-20'	1'-10'
25	Ri	Indian Hawthorn	Raphiolepis indica	Deciduous	5'-7'	4'-6'
55 Total						

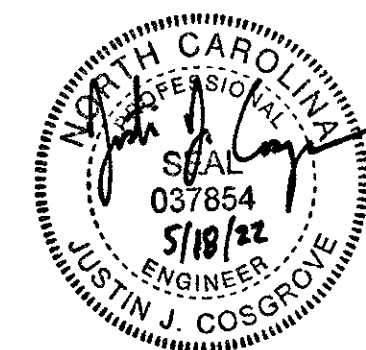
TYPE "A" BUFFER LANDSCAPING CHART						
Large Canopy Trees		Quantity	Key	Common Name	Botanical Name	Tree Type
Height	Spread					
30'-40'	40'-60'	27	Qv	Live Oak	Quercus Virginiana	Evergreen
27 Total						
Small Understory Trees		Quantity	Key	Common Name	Botanical Name	Tree Type
Height	Spread					
18'+	Varies	40	Li	Crepe Myrtle	Lagerstoemia indica	Deciduous
40 Total						
Shrubs		Quantity	Key	Common Name	Botanical Name	Tree Type
Height	Spread					
3'-6'	3'-6'	168	Ag	Glossy Abelia	Abelia grandiflor	Evergreen
168 Total						

Owner:
East Point Homes, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003



Landscaping Notes:
1. Each large tree at the time of planting shall be a minimum of 2 inches in caliper and 10 feet in height.
2. When mature, a large tree should be at least 40 feet high, have minimum crown width of 30 feet, and a trunk of at least 12 inches.
3. Each understory tree at the time of planting shall be a minimum of 1 inch in caliper and 8 feet in height.
4. Each shrub at the time of planting shall be a minimum of 3 gallons.
5. The developer may substitute landscaping species as long as the City landscaping ordinances are met. Substitutions should be confirmed with the Planning Division.
6. All landscaped areas to have grass, or mulch cover.

LANDSCAPING DATA:	
Street Lawn Landscaping Required	6 Large Trees, 25 Shrubs Per 100 L.F. Of Street Lawn (341 L.F. Of Street Lawn) 21 Large Trees 85 Shrubs
Street Lawn Landscaping Provided	341 L.F. Of Street Lawn 21 Large Trees 85 Shrubs
Interior Landscaped Islands Required ...	1 Island Per 10 Parking Space 127 Parking Space = 13 Islands 1 Tree Per Island 5 Shrubs Per Island
Interior Landscaped Islands Provided ...	17 Islands Island 1 = 454 S.F. = 1 Tree, 5 Shrubs Island 2 = 553 S.F. = 2 Tree, 6 Shrubs Island 3 = 599 S.F. = 2 Tree, 6 Shrubs Island 4 = 279 S.F. = 1 Tree, 5 Shrubs Island 5 = 173 S.F. = 1 Tree, 5 Shrubs Island 6 = 222 S.F. = 1 Tree, 5 Shrubs Island 7 = 173 S.F. = 1 Tree, 5 Shrubs Island 8 = 173 S.F. = 1 Tree, 5 Shrubs Island 9 = 390 S.F. = 2 Tree, 6 Shrubs Island 10 = 305 S.F. = 1 Tree, 5 Shrubs Island 11 = 374 S.F. = 2 Tree, 5 Shrubs Island 12 = 248 S.F. = 1 Tree, 5 Shrubs Island 13 = 579 S.F. = 2 Tree, 5 Shrubs Island 14 = 569 S.F. = 2 Tree, 5 Shrubs Island 15 = 505 S.F. = 1 Tree, 5 Shrubs Island 16 = 410 S.F. = 1 Tree, 5 Shrubs Island 17 = 310 S.F. = 1 Tree, 5 Shrubs
Type "A" Buffer Required	4 Canopy Trees, 6 Understory Trees, 25 Small Shrubs and 6' High Fence (774 L.F. of Buffer - 104 Natural Buffer = 670 L.F. of Buffer) 27 Canopy Trees 40 Understory Trees 168 Small Shrubs
Type "A" Buffer Provided	774 L.F. of Buffer (104 Natural Buffer)= 670 L.F. of Buffer 27 Canopy Trees 40 Understory Trees 168 Small Shrubs

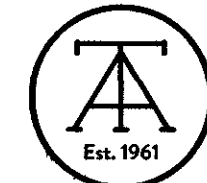


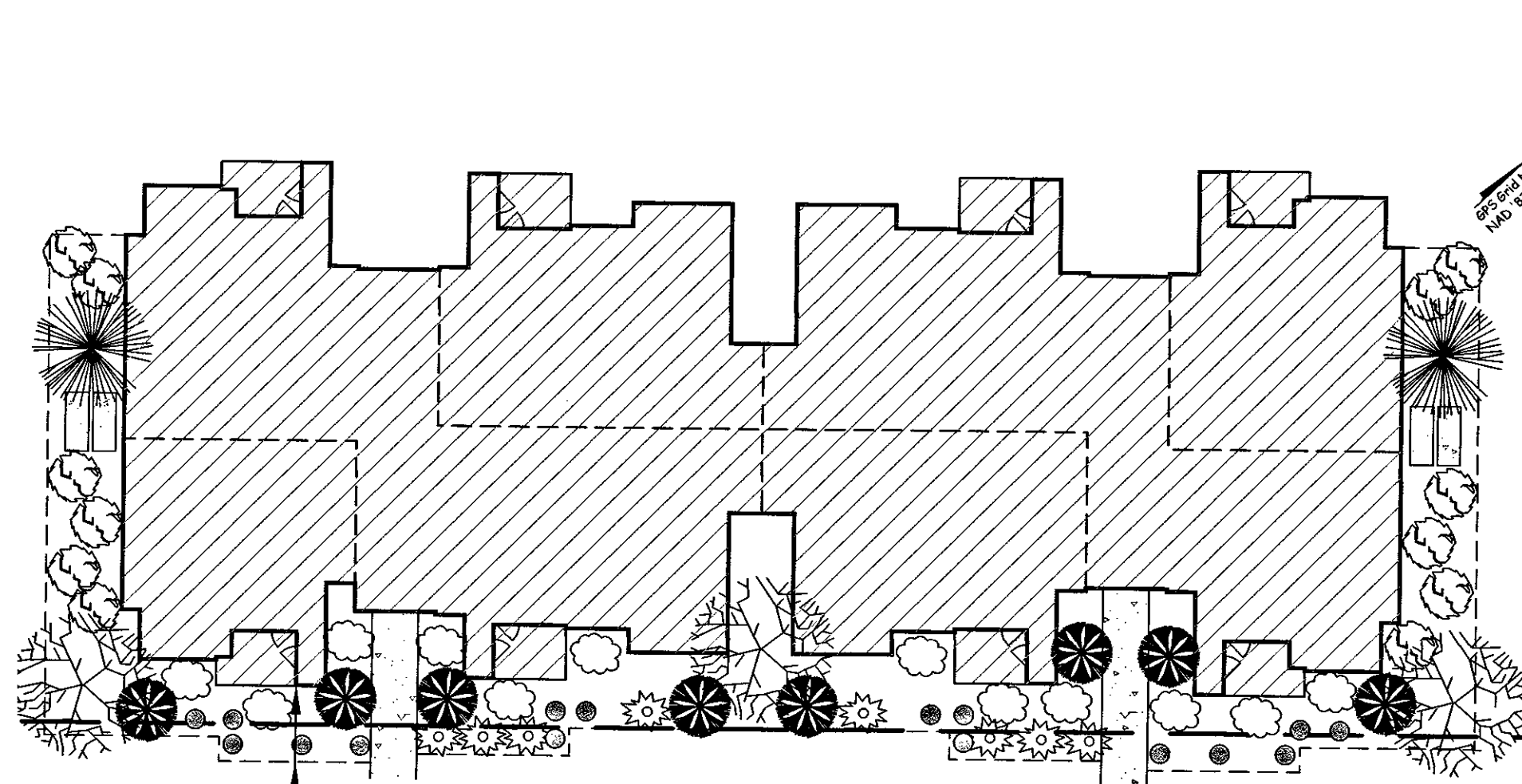
Landscaping Plan
CRESTFIELD POINT APARTMENTS
350 Blue Creek School Road
Jacksonville Twp., Onslow Co., North Carolina

Developer:
Carolina Statewide Development, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

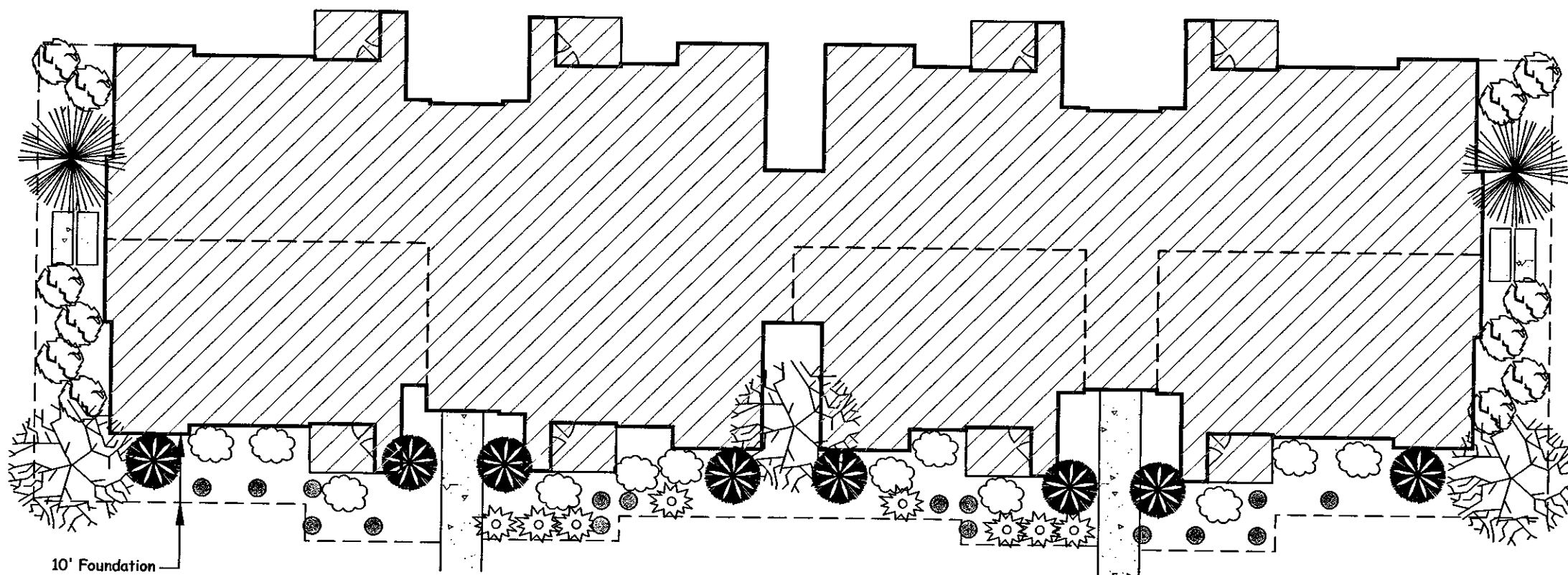
DATE: 02/21/2022
SCALE: 1"=50'
GRAPHIC SCALE: 1"=50'
0 50 100 150 FEET

TIDEWATER ASSOCIATES, INC.
Consulting Engineers - Land Surveyors - Land Planners
Jacksonville, North Carolina
P.O. Box 976 - 306 New Bridge Street - 28540
Phone (910) 455-2414 - www.TidewaterENG.com
Firm License Number: F-0108

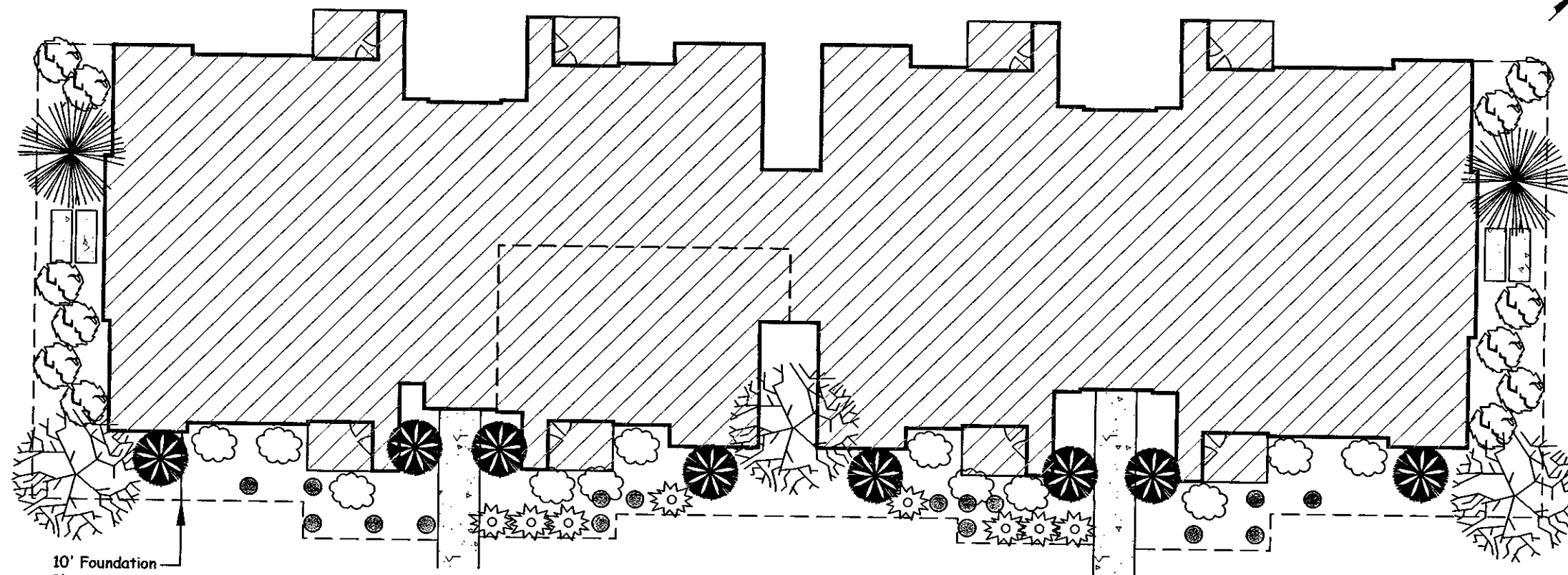




**Building #1
Landscaping Plan**
Scale: 1"=20'



**Building #2
Landscaping Plan**
Scale: 1"=20'



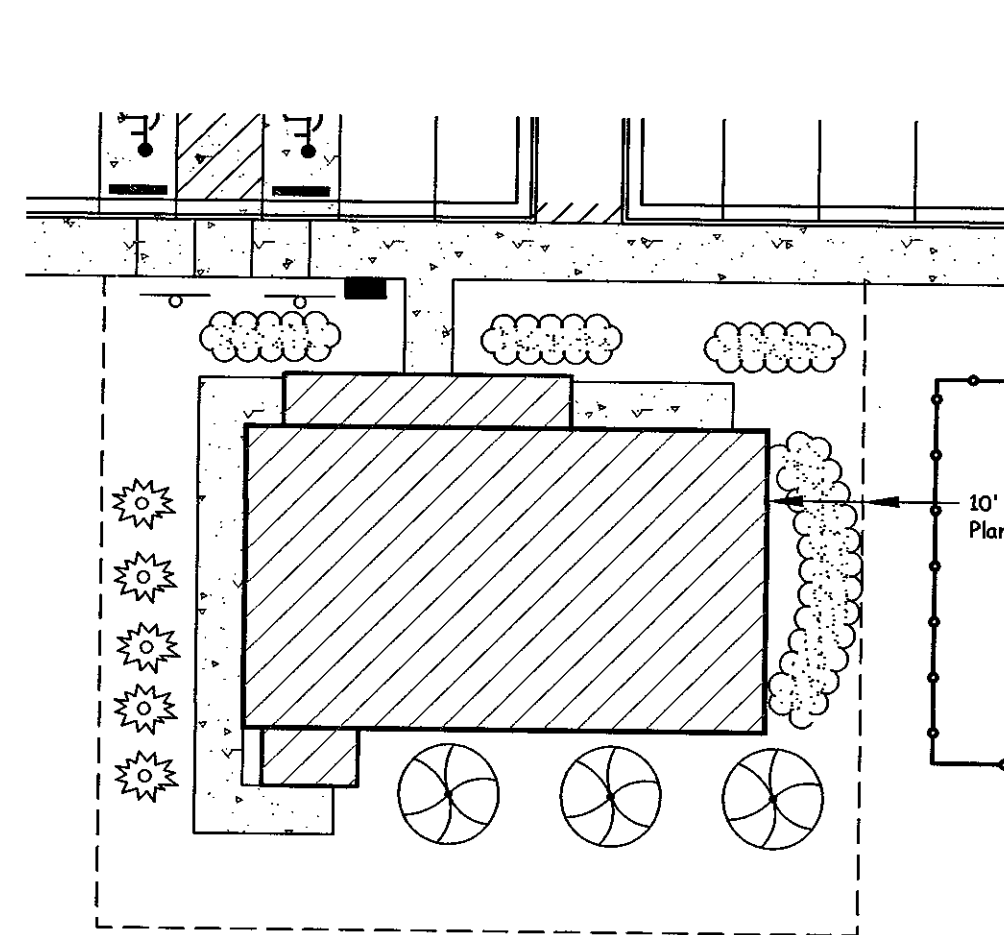
**Building #3
Landscaping Plan**
Scale: 1"=20'

Apartment Foundation Landscaping Legend:

- American Holly (2 Each Bldg. = 10 Total)
- Loropetalum (8 Each Bldg. = 40 Total)
- Abelia "radiance" or other variegated species (12 Each Bldg. = 60 Total)
- Crepe Myrtle (3 Each Bldg. = 15 Total)
- Ligustrum "Sunshine" or Lemon Lime" (16 Each Bldg. = 80 Total)
- Nandina (8 Each Bldg. = 40 Total)
- Indian Hawthorn (12 Each Bldg. = 60 Total)

APARTMENT FOUNDATION LANDSCAPING CHART

Small Understory Trees						
Quantity	Key	Common Name	Botanical Name	Tree Type	At Maturity Height	Spread
15	Li	Crepe Myrtle	Lagerstroemia indica	Deciduous	18'-25'	Varies
10	IoA	American Holly	Ilex opaca Aiton	Evergreen	15'-25'	10'-20'
25	Total					
Large Shrubs						
Quantity	Key	Common Name	Botanical Name	Tree Type	Height	Spread
40	Lc	Loropetalum	Loropetalum chinense	Evergreen	10'-15'	10'-15'
40	Total					
Small Shrubs						
Quantity	Key	Common Name	Botanical Name	Tree Type	Height	Spread
60	Ag	Glossy Abelia	Abelia grandiflora 'Radiance'	Evergreen	3'-6'	3'-4'
80	Ls	Ligustrum	Ligustrum sinense 'Sunshine'	Evergreen	3'-6'	3'-4'
40	Nd	Nandina	Nandina domestica	Evergreen	5'-7'	3'-5'
60	Ri	Indian Hawthorn	Raphiolepis indica	Deciduous	5'-7'	4'-6'
240	Total					



**Community Center
Landscaping Plan**
Scale: 1"=20'

Community Center Foundation Landscaping Legend:

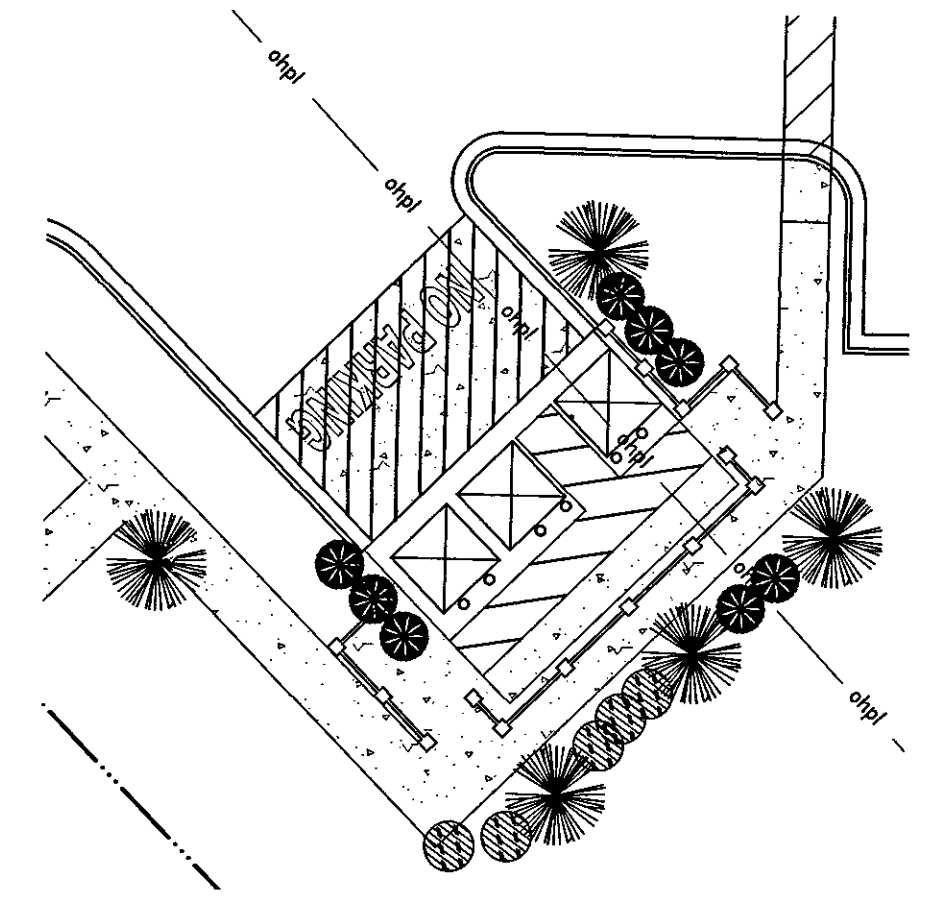
- American Holly (5 Total)
- Loropetalum (12 Total)
- Abelia "radiance" or other variegated species (11 Total)
- Crepe Myrtle (2 Total)
- Red Maple (5 Total)
- Nandina (5 Total)
- Plum Yew (15 Total)

COMMUNITY CENTER FOUNDATION LANDSCAPING CHART

Small Understory Trees						
Quantity	Key	Common Name	Botanical Name	Tree Type	At Maturity Height	Spread
2	Li	Crepe Myrtle	Lagerstroemia indica	Deciduous	18'-25'	Varies
5	IoA	American Holly	Ilex opaca Aiton	Evergreen	15'-25'	10'-20'
5	Ar	Red Maple	Acer rubrum	Deciduous	40'-60'	40'
12	Total					
Large Shrubs						
Quantity	Key	Common Name	Botanical Name	Tree Type	Height	Spread
12	Lc	Loropetalum	Loropetalum chinense	Evergreen	10'-15'	10'-15'
15	Tf	Plum Yew	Taxus floridana	Evergreen	15'	3'-5'
27	Total					
Small Shrubs						
Quantity	Key	Common Name	Botanical Name	Tree Type	Height	Spread
11	Ag	Glossy Abelia	Abelia grandiflora 'Radiance'	Evergreen	3'-6'	3'-4'
5	Nd	Nandina	Nandina domestica	Evergreen	5'-7'	3'-5'
16	Total					

Dumpster Landscaping Legend:

- American Holly (5 Each Dumpster = 10 Total)
- Loropetalum (8 Each Dumpster = 16 Total)
- Wax Myrtle (5 Each Dumpster = 10 Total)



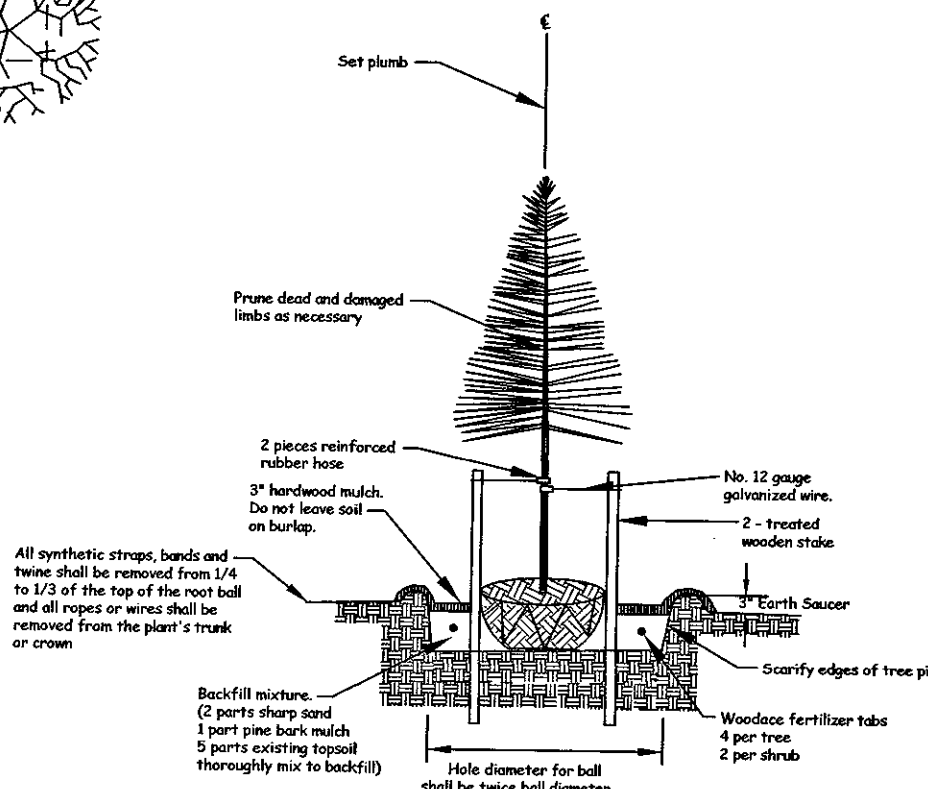
**Dumpster
Landscaping Plan**
Scale: 1"=20'

DUMPSTER LANDSCAPING CHART

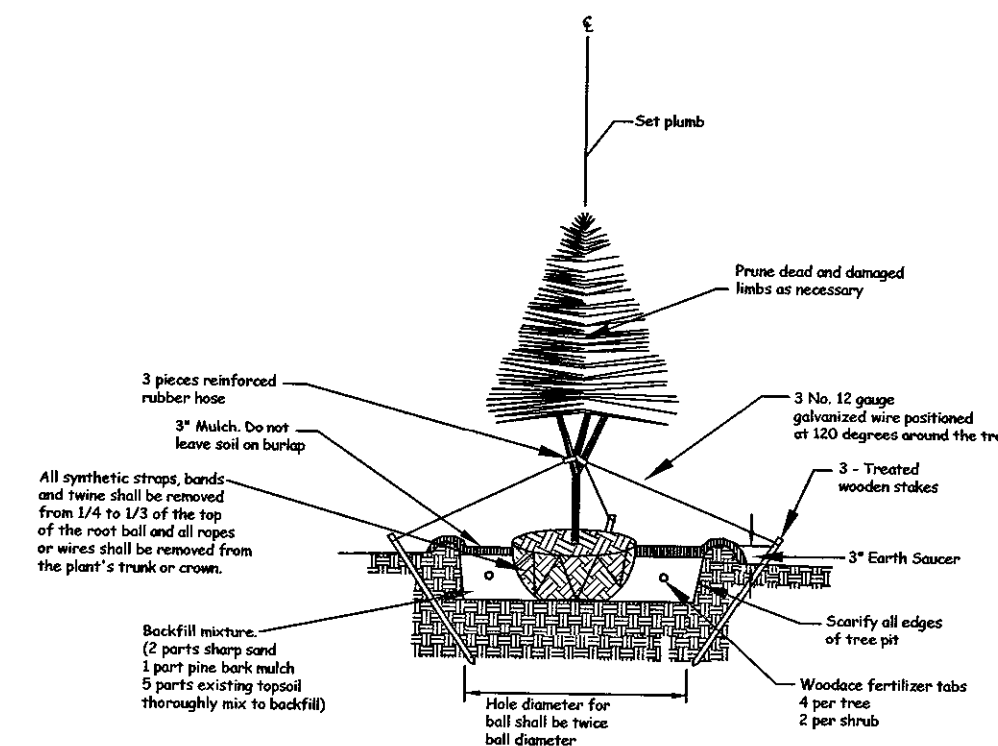
Large Canopy Trees						
Quantity	Key	Common Name	Botanical Name	Tree Type	At Maturity Height	Spread
10	IoA	American Holly	Ilex opaca Aiton	Evergreen	15'-25'	10'-20'
10	Mc	Wax Myrtle	Myrica cerifera	Evergreen	20'	6'-12'
20	Total					
Large Shrubs						
Quantity	Key	Common Name	Botanical Name	Tree Type	Height	Spread
16	Lc	Loropetalum	Loropetalum chinense	Evergreen	10'-15'	10'-15'
16	Total					

Note:
Contractor shall insure that he and all his workers (contractors, subcontractors and other site personnel) do not damage construction stakes or other measures used in laying out the project whether by the Engineer or another entity including those under the employ of the contractor. Contractor shall cause his workers to observe and verify to the fullest extent practicable that stakes, other measures and grades are, or appear to be, accurate and correct, and immediately, but prior to any associated work, notify the staking entity of any potential conflict, error or question regarding the work. The Engineer shall not be responsible if all of the above measures are not strictly adhered to. The Engineer shall not be responsible where due to damage, his staking can not be verified. For critical or costly components of the work, where the contractor believes that staking may not be preserved, the contractor shall request the staking entity to place staking in an area where its preservation can be insured.

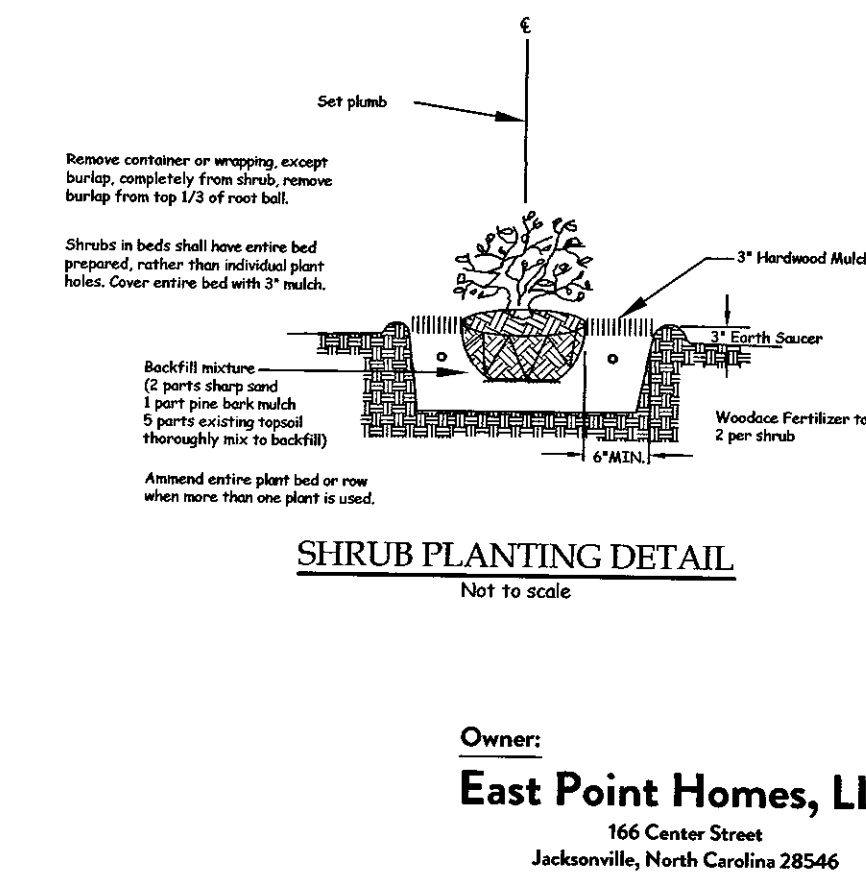
CANOPY TREE PLANTING DETAIL
Not to scale



ORNAMENTAL TREE PLANTING DETAIL
For small trees with a low branching habit
Not to scale



SHRUB PLANTING DETAIL
Not to scale



Foundation Landscape Plan

CRESTFIELD POINT APARTMENTS

350 Blue Creek School Road
Jacksonville Twp., Onslow Co., North Carolina

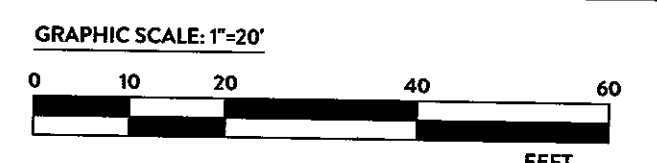
Developer:

Carolina Statewide Development, LLC

166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

DATE: 02/21/2022

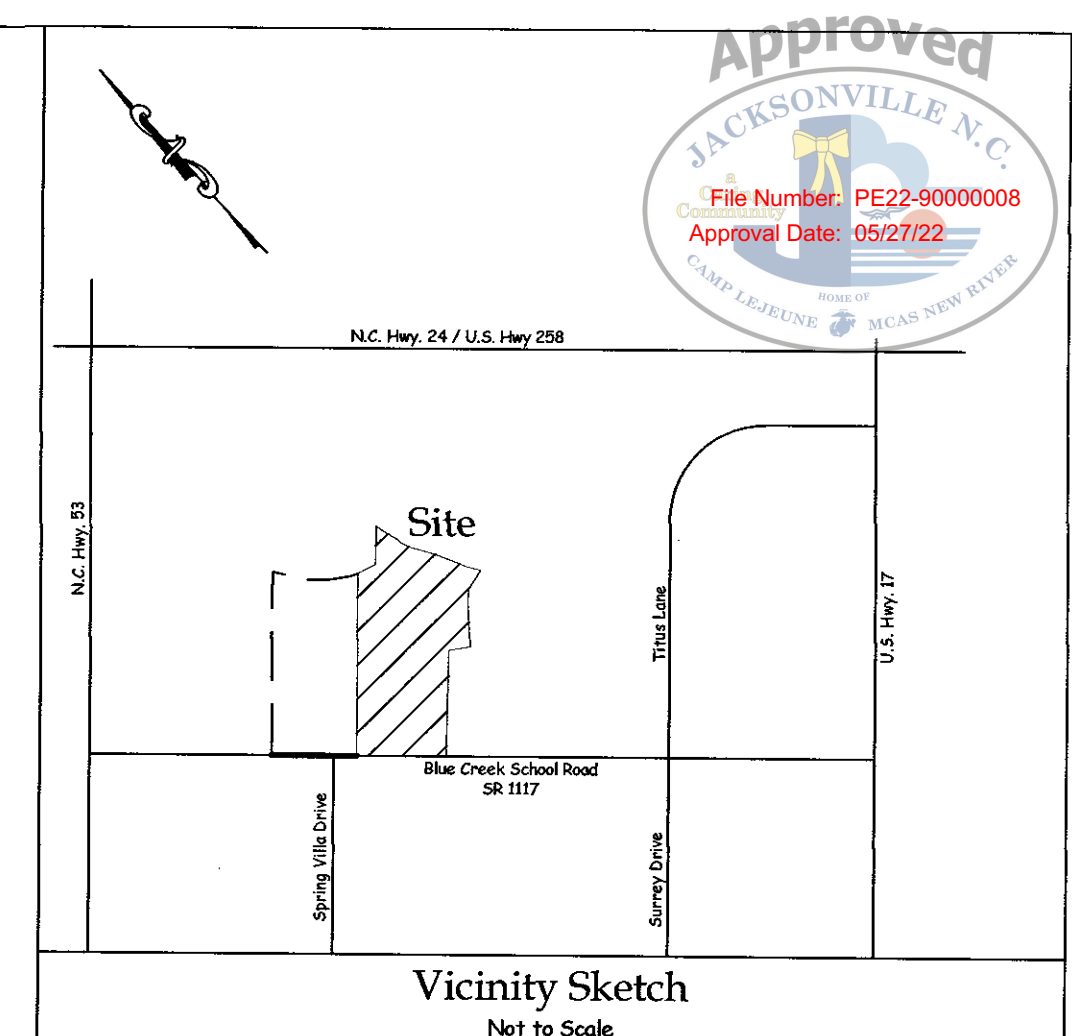
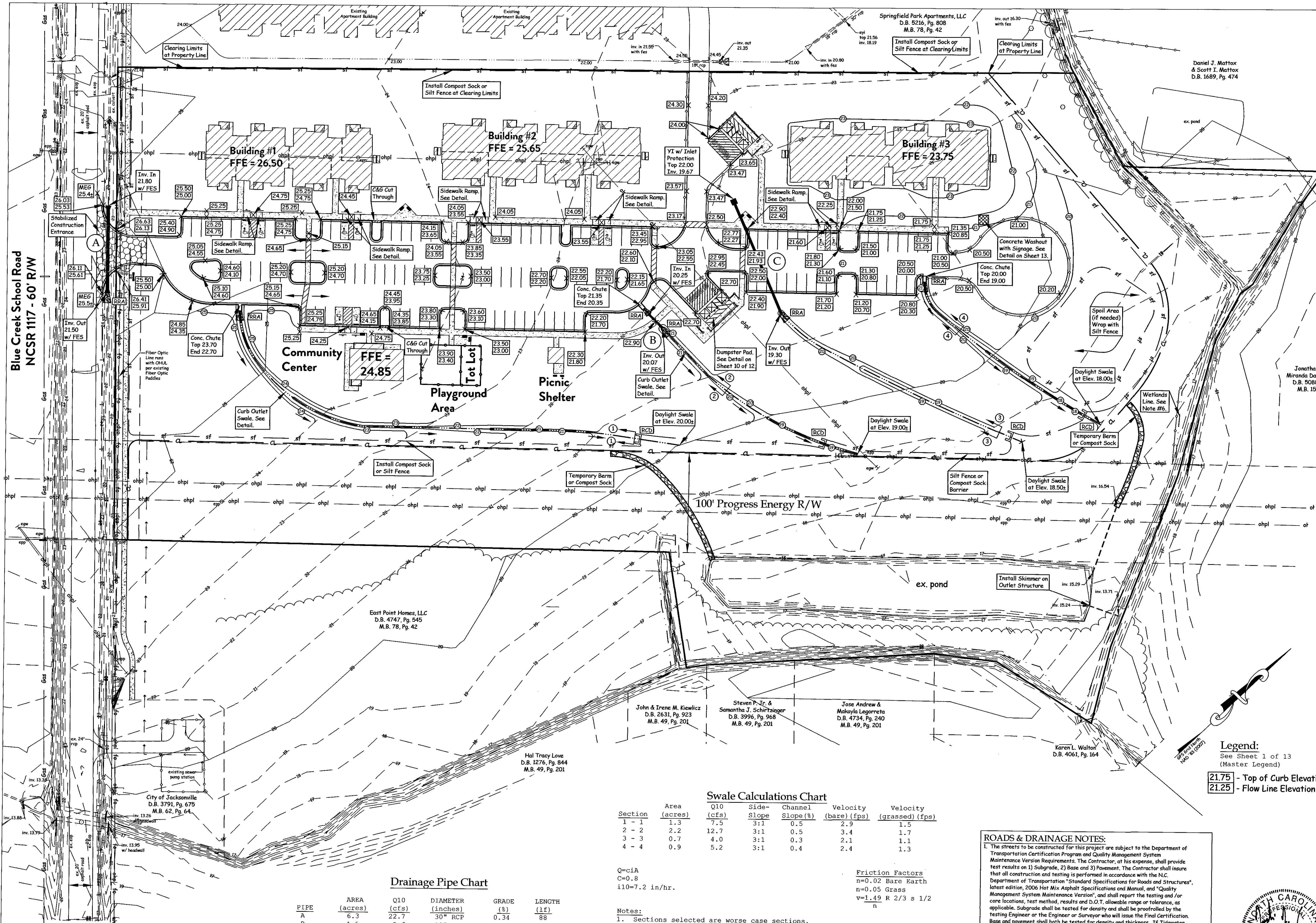
SCALE: 1"=20'



TIDEWATER ASSOCIATES, INC.
Consulting Engineers - Land Surveyors - Land Planners

Jacksonville, North Carolina
P.O. Box 976 - 306 New Bridge Street - 28540
Phone (910) 455-2414 - www.tidewaterENC.com
Firm License Number: F-0198





Tract Data:

Total Acreage	13.22 Ac.
Acreage of land to be disturbed and exposed	8.77 Ac.
Acreage in parks or other recreation land usage	0 Ac.
Acreage in open space (Required)	13.22 Ac. x 25% = 3.3 Ac.
Acreage in open space (Provided)	9.8 Ac.
Number of Lots Existing	1
Number of Lots Proposed	1
Number of Units	72 (8 H/C Units)
Minimum Lot Size Allowed	n/a
Average Lot Size	n/a
Ownership Status	Rental
Type of Units	Apartments
Net Density Allowed (Max.)	25 Units/Acre
Density Proposed	5.45 Units/Acre
Existing Use(s)	Undeveloped
Proposed Use(s)	Apartments

Deed References:
D.B. 4747, Pg. 545
M.B. 78, Pg. 42
Tax Map 332, Parcel 88 PIN 435612963919

- Erosion and Sedimentation Control Notes:**
- Construction Sequence:**
 - There is a Mandatory Preconstruction meeting with City of Jacksonville's Soil and Erosion Control and Stormwater Staff. Contractor is required to contact City staff to schedule prior to any clearing, grubbing or construction activities taking place on the site.
 - Clear only the area necessary to install the construction entrances and perimeter silt fences. The remainder and bulk of clearing is not to be done until installation of these items has been completed.
 - Sediment control measures are required to be installed at the earliest practicable date after start of work. Grading operations shall begin at low points, points of outfall release or at other locations where sediment control measures are shown on plan, and the sediment control devices shall be installed before or simultaneously with the grading of any area draining to the device.
 - Install stabilized construction entrance prior to beginning construction.
 - Clear and grub entire project area. Limits of clearing shall be as shown.
 - Install compost sock silt barrier (CSSB) or silt fence where shown immediately after clearing and install silt fence on outlet structure of existing pond prior to grading. Temporary Berm or Compost Sock to be installed with the purpose of diverting stormwater to existing pond to act as sediment control device during construction.
 - Install sanitary sewer services.
 - Install storm drain pipes with riprap aprons. Install swales.
 - Rough grade roads and building pad areas.
 - Install water mains and services.
 - Fine grade streets. Place CABC over compacted subgrade. Contractor must conduct and pass a proof roll test, on the subgrade prior to installing stone, and on the stone prior to installing asphalt. The proof roll tests shall be conducted in the presence of The Soil Engineer. Density and thickness tests on subgrade, stone and asphalt by The Soil Engineer shall be conducted and approved and tests results submitted to Engineer. For additional info, See paving detail.
 - Maintain erosion control measures as needed to assure full functionality.
 - Install asphalt surface course. Soil Engineer to witness laydown and test for thickness and density and submit results to Engineer.
 - Temporary or permanent seed, fertilizer, and mulch all disturbed areas after completing any phase of the grading work within the following time schedule. Apply temporary seeding and mulch if area is to be disturbed again and permanent seeding and mulch if area has been final graded and accepted by Engineer and Owner.
 - Slopes steeper than 3:1 and perimeter dikes, swales, ditches and slopes, and area near HWY waters - within 7 days.
 - Slopes 3:1 or flatter, and all other areas with slopes flatter than 4:1 - within 14 days. If temporary seeding is used to temporarily stabilize an area upon final grading of the job the permanent seed, fertilizer and mulch shall be completed. See detail for seeding specifications.
 - Seeding Specifications:**

Apply lime and fertilizer and work into 4 - 6 inches of soil. Seed mixture shall be distributed uniformly and covered with a clean straw mulch. All mulch shall be compacted or asphalt tacked to hold in place. See "Seeding Specifications" for material and application rates as follows, and are generally considered minimums.
 - Contractor is responsible for complying with erosion control permit conditions and NPDES general permit conditions. See permits for additional information.
 - Contractor is responsible for removing sediment and restoring the stormwater wetlands to its design dimensions. Contractor shall amend measures as required to prevent accelerated erosion from taking place on this site, until site is restabilized and accepted by Engineer and Owner.
 - Upon restabilization of all disturbed areas and swales, contractor shall remove all temporary erosion control facilities and grade, grass, mulch, and restabilize the areas.
 - Once contractor has completed job and site is restabilized, the developer shall be responsible to maintain the restabilized areas until time when the lots are sold or developed.
 - For additional information, see specifications and other plan sheets.

Swale Calculations Chart

Section	Area (acres)	Q10 (cfs)	Side-Slope (ft)	Channel-Slope (ft)	Velocity (bare) (fps)	Velocity (grassed) (fps)
1 - 1	1.3	7.5	3:1	0.5	2.9	1.5
2 - 2	2.2	12.7	3:1	0.5	3.4	1.7
3 - 3	0.7	4.0	3:1	0.3	2.1	1.1
4 - 4	0.9	5.2	3:1	0.4	2.4	1.3

Drainage Pipe Chart

PIPE	AREA (acres)	Q10 (cfs)	DIAMETER (inches)	GRADE (lf)	LENGTH
A	6.3	22.7	30" RCP	0.34	88
B	1.5	8.6	18" RCP	0.75	24
C	0.4	2.3	15" RCP	0.30	124

Q=C1A
C=0.8
110=7.2 in/hr.

Notes:

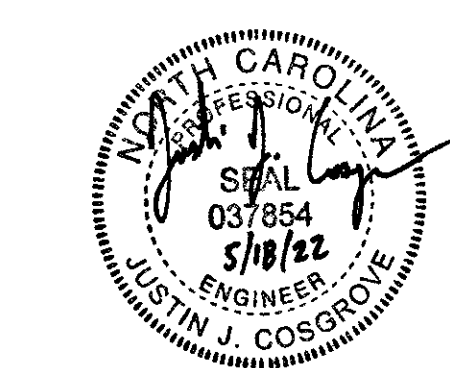
- Sections selected are worse case sections.
- Line bottom of all ditches and swales with American Excelsior Curlex Blanket.

General Notes:

- Topographic contours taken from a survey map prepared by Johnny J. Williams Land Surveying, P.C. dated Dec. 28, 2009.
- Boundary information taken from a survey map prepared by Johnny J. Williams Land Surveying, P.C. dated Dec. 28, 2009 and computed information. All boundary information and corner labels are taken from the Williams map.
- Development area is partially wooded & mostly an open agricultural field.
- All easements to be Public Drainage & Utility as dimensions shown, unless otherwise noted.
- Wetlands line taken from map titled "Wetlands Survey" by Johnny J. Williams Land Surveying, P.C. dated 04/24/12.
- Stormwater drains to Brinson Creek, and is classified as SC; NSW waters.
- This project is not affected by any special flood hazard area based upon FEMA map CPN 370178 43567 (City of Jacksonville), Effective Nov. 3, 2005.
- For additional details, see specifications and additional plans.
- Sidewalks shall be free of cracks and breaks prior to the issuance of a Final Certificate of Occupancy.
- Areas noted for trees and greenways and/or required sidewalks shall be unobstructed from 6' below grade to 10' above grade (overhead clearance). Telephone pedestals, electric transformers, drop inlets, fences, or any other obstructions shall be removed and/or relocated in order to create and maintain this clearance.
- It shall be unlawful for any person to make any excavation or do any other work which may cause a dangerous condition in or on any street, alley, sidewalk, public way or public place in the city, unless a written permit therefore shall have been first obtained from an officer of the city vested with authority to grant the same. No permit shall be issued in any case where a bond is required, until a bond shall have been executed.
- Slopes 3:1 seeding allowed, 2:1 sod required, 1:1 not allowed unless engineered (retaining wall) and not within an easement.
- Erosion control measures are performance based and may require adjustments as needed.
- For erosion control requirements, refer to the approved permit / plan.
- All elevations are flow line unless otherwise noted.

ROADS & DRAINAGE NOTES:

- The streets to be constructed for this project are subject to the Department of Transportation Certification Program and Quality Management System Maintenance Version Requirements. The Contractor, at his expense, shall provide test results on 1) Subgrade, 2) Base and 3) Pavement. The Contractor shall ensure that all construction and testing is performed in accordance with the N.C. Department of Transportation "Standard Specifications for Roads and Structures", latest edition, 2006 Hot Mix Asphalt Specifications and Manual, and "Quality Management System Maintenance Version", and shall report the testing and/or core locations, test method, results and D.O.T. allowable range or tolerance, as applicable. Subgrade shall be tested for density and shall be proofrolled by the Testing Engineer or the Engineer or Surveyor who will issue the Final Certification. Base and pavement shall both be tested for density and thickness. If Tidewater Associates is administering the construction they must also proofroll the stone. Twenty-four (24) hour advance scheduling before proofroll. Testing for pavement shall be certified by either a professional Engineer or properly certified QMS technician and shall be in accordance with QMS criteria. Required thickness for this project is as shown on the plans. Note that thickness for widening or turn lanes is greater than that for internal streets.
- Minimum Densities:
 - Subgrade 100%
 - Stone Base 100%
 - S 9.5B 90%
 - T 19.0C 92%
 - B 25.0C 92%
- Notify the Engineer or Surveyor, who will issue the overall Final Certification, of all phases of Roadway Construction.
- All metal used for any type of catch basin or inlet shall be produced in the USA.
- A minimum sight distance of 10'X70' shall be maintained along the right-of-way of all internal intersections.
- 20 foot radii at right-of-way intersections, 30 foot radii at edge of pavement intersections.
- All culverts under streets shall be reinforced concrete per North Carolina Department of Transportation Specifications, unless otherwise specified and/or approved by the Engineer and/or Department of Transportation.
- All roads shall be public and built to NCDOT Standards.
- There shall be no encroachments within the NCDOT Right-of-way.
- All materials and practices shall meet North Carolina Department of Transportation Standards.
- For other detailed construction notes, see plan and profiles.



Owner:
East Point Homes, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

Grading, Drainage, Erosion and Sedimentation Control Plan

CRESTFIELD POINT APARTMENTS
350 Blue Creek School Road
Jacksonville Twp., Onslow Co., North Carolina

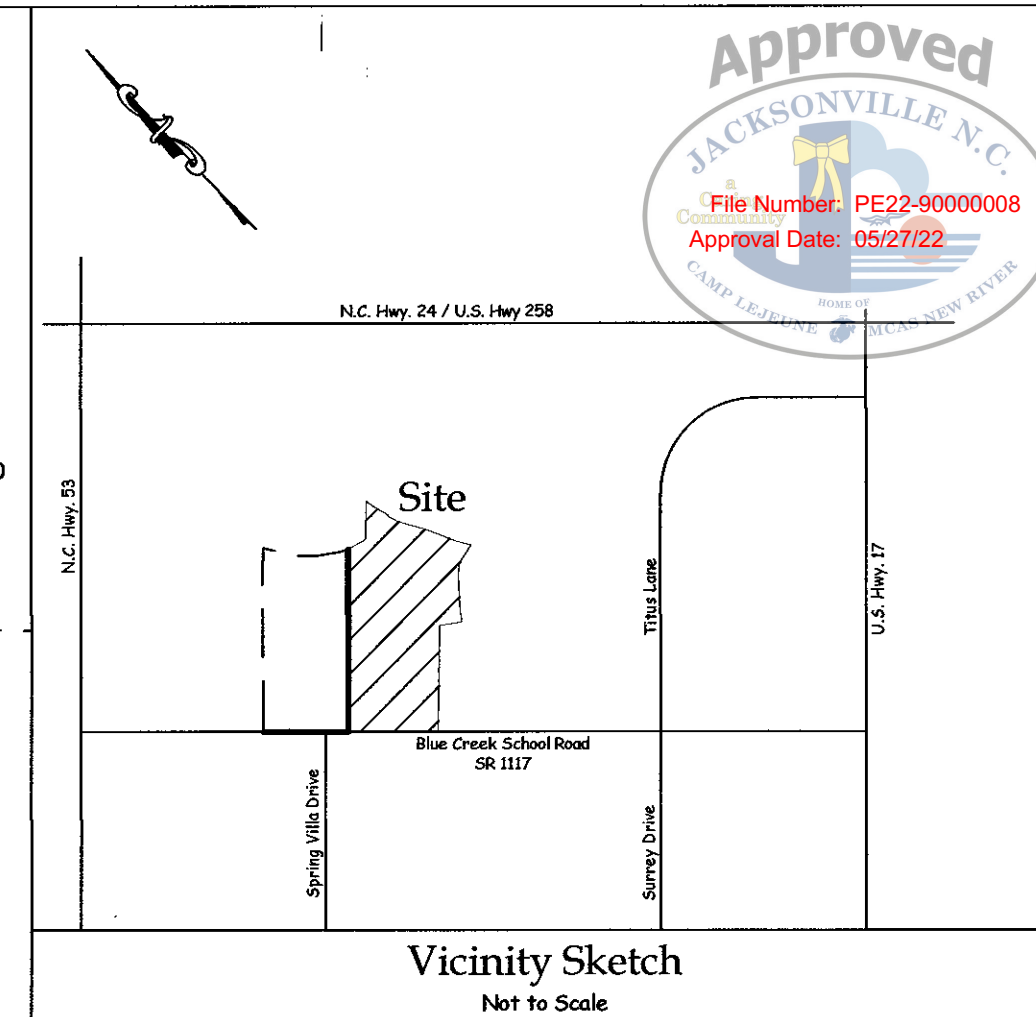
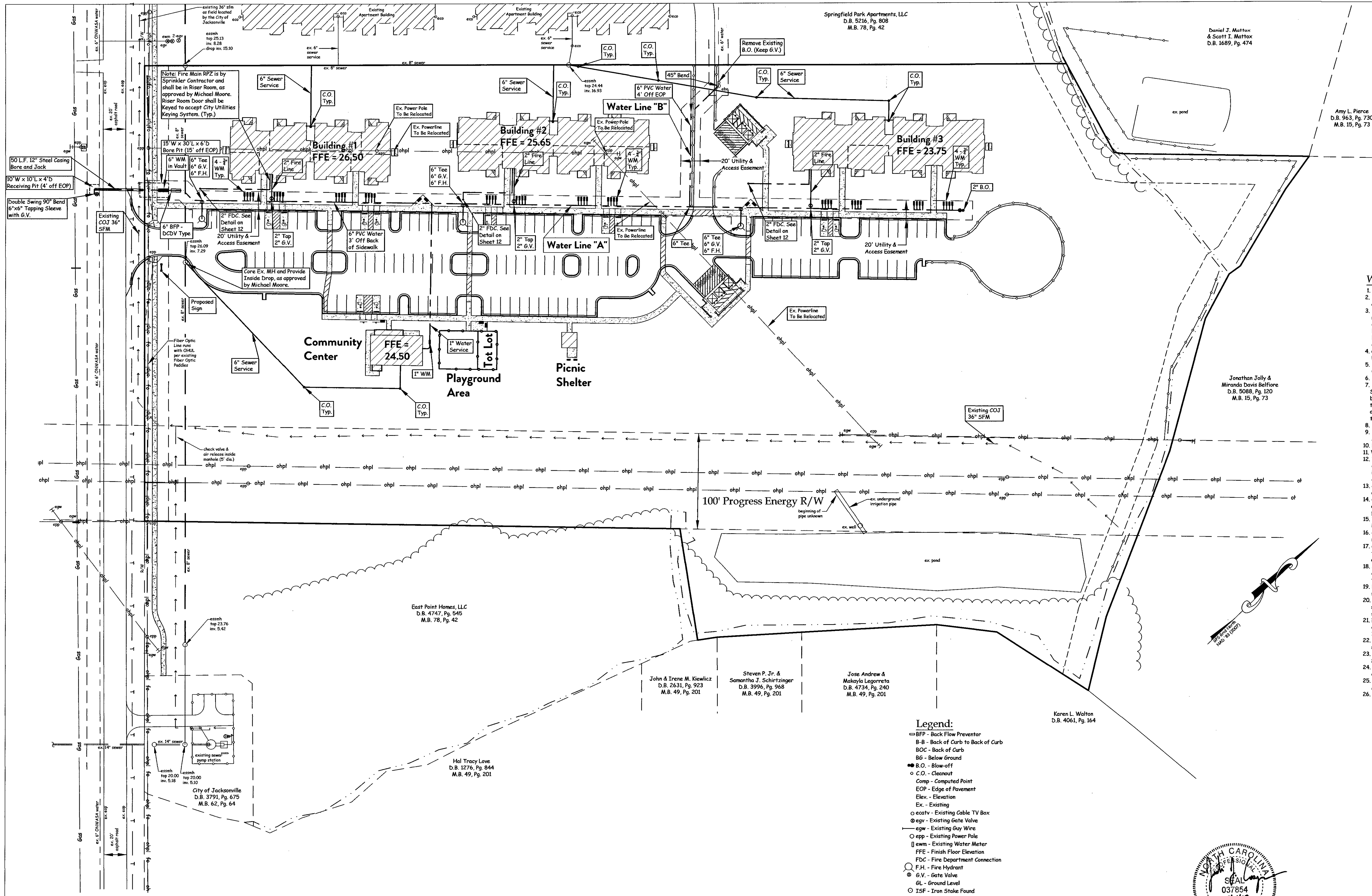
Developer:
Carolina Statewide Development, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

DATE: 02/21/2022
SCALE: 1"=50'

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GRAPHIC SCALE: 1"=50'
0 50 100 150
FEET

Sheet 6 of 13



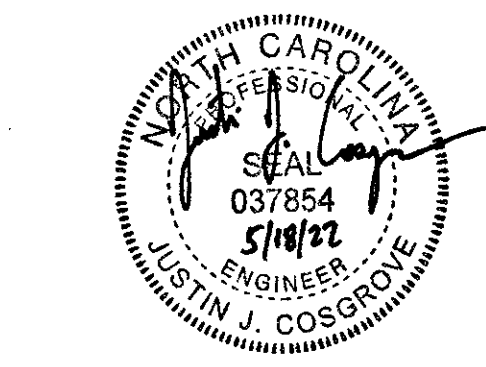
- Water and Sewer Notes:**
1. Potable water supply to be by ONWASA and sewage treatment to be by City of Jacksonville.
 2. Contractor shall verify location of existing water and sewer mains and report any deviations to Engineer prior to construction.
 3. As of October 1, 2014, anyone digging with mechanized equipment in highway right-of-way, private utility easements, or public spaces will be required by North Carolina law to give notice of the proposed excavation to all existing area utilities at least three to twelve business days before starting to dig. The utility owner is to locate its facilities in the area of the proposed excavation. Utility members of North Carolina 811 can be contacted at 1-800-632-4949 or call 811.
 4. Contractor is responsible for contacting any utility company that is not a member of North Carolina 811.
 5. Contractor shall verify location of all underground utilities prior to commencement of work.
 6. Contractor is responsible for any damages to any existing utilities.
 7. All proposed sewer mains to be SDR 35 PVC, C500 or Ductile Iron as shown on plans. Services to be 6-inch Sch. 40 PVC or Ductile Iron. Place 3" to 6" minimum #57 stone bedding under all gravity mains. Place #57 stone haunching to 1" above (min.) above top of pvc pipe and to spring line (min.) for ductile iron. Place 12" compacted select fill above stone to 12" minimum above pipe, then suitable fill compacted in 6" lifts above that.
 8. All manholes located outside of street right-of-ways shall have watertight rings and covers.
 9. All water mains 4" through 12" shall be AWWA C-900, Class 150, 2" water shall be ASTM D-2241, PVC 1120, SDR 21, 200 PSI pressure rating.
 10. Fire hydrants shall be Mueller Cushman, Model A421 or American Flow Control Mark 73.
 11. Water mains shall be buried with minimum of 36-inches cover, unless otherwise noted.
 12. Water mains and sewer mains shall have proper separations. At water and sewer crossings, the water main shall have 18 inches separation above the sewer main or they both shall be constructed of ferrous material for a minimum of 10 feet each side of the crossing. See specifications for further details.
 13. Contractor to lay water mains at extra depth to avoid conflicts with storm drainage or other facilities.
 14. Contractor shall notify the City of Jacksonville Engineering Division, the certifying Engineer and ONWASA at least 48 hours prior to commencing any work, inspections, sampling, and pressure tests.
 15. Water chlorination and pressure tests are required in the presence of the City of Jacksonville Engineering Division, ONWASA and the certifying Engineer.
 16. Contractor shall furnish negative bacterial analysis results and 24 hour chlorine residual results to the City of Jacksonville / ONWASA and provide them to the certifying Engineer.
 17. Contractor shall maintain comprehensive (depth and horizontal locations) field "As Builts" for all installations and submit them to the Certifying Engineer, the City of Jacksonville and ONWASA.
 18. All units and the community center shall have individual water services installed by the contractor. Each building and community center shall have sewer services installed by the contractor.
 19. For other detailed construction notes, see plan and profiles, other plan sheets and specifications.
 20. All sewer system installation materials and practices shall meet City of Jacksonville specifications. All water system installation materials and practices shall meet ONWASA specifications. All metal structures to be fabricated in the USA.
 21. No construction of either water or sewer mains is to begin prior to receipt of permits to construct from NCDENR in accordance with 15A NCAC18C.0305 (a) and 15A NCAC02H.0204.
 22. Sewer services on deep sewer lines (greater than 15' depth) shall have inside drops where services tie into manholes. Invert openings shall have 2x diameter separation.
 23. All construction must be completed in accordance with the City of Jacksonville Manual of Specifications, Standards, and Design.
 24. Prior to commencing construction the contractor shall schedule a preconstruction conference with the City of Jacksonville at City Hall.
 25. 30" Utility & Access Easement to be Centered Over All Sewer Mains & 20" Utility & Access Easements to be Centered Over All Water Mains.
 26. All construction within DOT right-of-way shall be in accordance with the NCDOT requirements. DOT officials shall be notified 48 hours prior to commencing work within the right-of-way.

Note:
Contractor shall insure that he and all his workers (contractors, subcontractors and other site personnel) do not damage construction stakes or other measures used in laying out the project whether by the Engineer or another entity including those under the employ of the contractor. Contractor shall cause his workers to observe and verify to the fullest extent practicable that stakes, other measures and grades are, or appear to be, accurate and correct, and immediately, but prior to any associated work, notify the staking entity of any potential conflict, error or question regarding the work. The Engineer shall not be responsible if all of the above measures are not strictly adhered to. The Engineer shall not be responsible where due to damage, his staking can not be verified. For critical or costly components of the work, where the contractor believes that staking may not be preserved, the contractor shall request the staking entity to place staking in an area where its preservation can be insured.

Rev. 05/18/2022 KHW - Plot for signature
Rev. 05/16/2022 KHW - Rev. FDC label
Rev. 05/02/2022 KHW - Add Project Address; revise fdc location
Rev. 03/28/2022 KHW - Revise per owner comments

- Legend:**
- BFP - Back Flow Preventor
 - B-B - Back of Curb to Back of Curb
 - BOC - Back of Curb
 - BG - Below Ground
 - B.O. - Blow-off
 - C.O. - Cleanout
 - Comp - Computed Point
 - EOP - Edge of Pavement
 - Elev. - Elevation
 - Ex. - Existing
 - cecv - Existing Cable TV Box
 - egrv - Existing Gate Valve
 - egw - Existing Guy Wire
 - epp - Existing Power Pole
 - [ewm] - Existing Water Meter
 - FFE - Finish Floor Elevation
 - FDC - Fire Department Connection
 - F.H. - Fire Hydrant
 - G.V. - Gate Valve
 - GL - Ground Level
 - ISF - Iron Stake Found
 - IPF - Iron Pipe Found
 - L.F. - Linear Feet
 - NS - Nail Set
 - P.T. - Plug Tapped
 - PVC - Polyvinyl Chloride Pipe
 - R/W - Right-of-way
 - sfm - Sewage Force Main
 - Typ. - Typical
 - WM - Water Meter
 - Handicap Parking Spot
 - Reducer
 - Existing Drainage & Utility Easement
 - Existing Overhead Power Line
 - Existing Right-of-way
 - Existing Sewage Force Main
 - Existing Tree Line
 - Existing Underground Telephone Line
 - Existing Water Main
 - Existing Water Meter
 - Proposed Fence
 - Property Line
 - Proposed Concrete Sidewalk
 - Proposed Water Main
 - Proposed Water Utility and Access Easement
 - fo - Underground Fiber Optic Line

Field Book: N/A
Disk Name: Acad #2897
Filename: Crestfield - Shading KHW
Job No.: C210826-7848



Owner:
East Point Homes, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

Water and Sewer Plan

CRESTFIELD POINT APARTMENTS
350 Blue Creek School Road
Jacksonville Twp., Onslow Co., North Carolina

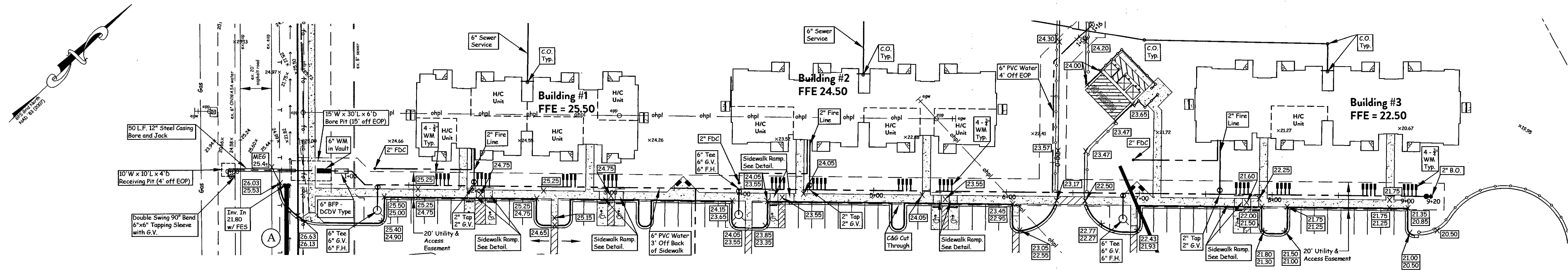
Developer:
Carolina Statewide Development, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

DATE: 02/21/2022
SCALE: 1"=50'

GRAPHIC SCALE: 1"=50'
0 50 100 150
FEET

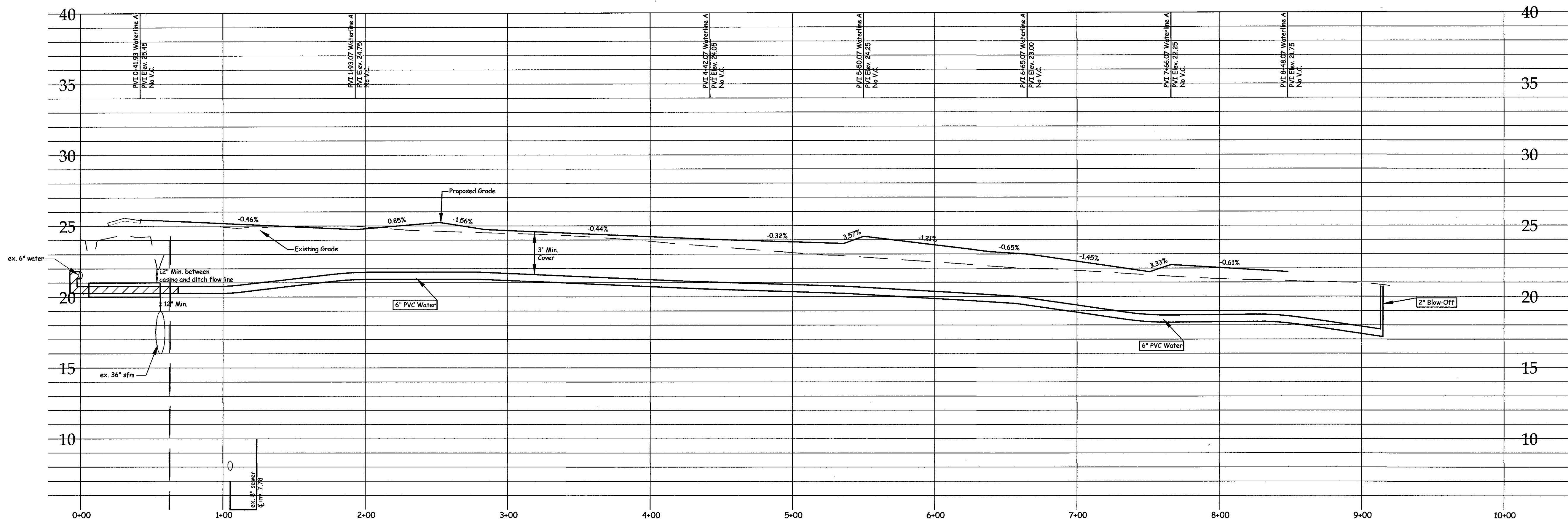
TIDEWATER ASSOCIATES, INC.
Consulting Engineers - Land Surveyors - Land Planners
Jacksonville, North Carolina
P.O. Box 976 - 306 New Bridge Street - 28540
Phone (910) 455-2414 - www.TidewaterENC.com
Firm License Number: F-0108

Sheet 7 of 13



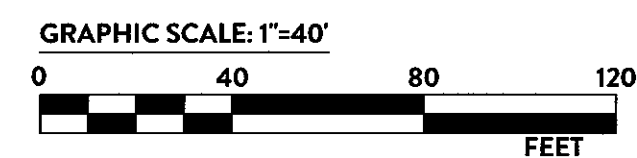
- Legend:**
- BFP - Back Flow Preventer
 - B-C - Back of Curb to Back of Curb
 - B-C - Back of Curb
 - B-G - Below Ground
 - Comp - Computer Aided Design
 - EOP - Edge of Pavement
 - Elev - Elevation
 - Ex - Existing
 - ecav - Existing Cable TV Box
 - egw - Existing Guy Wire
 - esp - Existing Power Pole
 - FFE - Finish Floor Elevation
 - F.H. - Fire Hydrant
 - G.V. - Gate Valve
 - GL - Ground Level
 - ISF - Iron Stake Found
 - IPF - Iron Pipe Found
 - L.F. - Linear Feet
 - NS - Nail Set
 - P.T. - Plug Tapped
 - PVC - Polyvinyl Chloride Pipe
 - R/W - Right-of-way
 - sfm - Sewage Force Main
 - Typ - Typical
 - WM - Water Meter
 - Handicap Parking Spot
 - Reducer
 - Existing Drainage & Utility Easement
 - Existing Overhead Power Line
 - Existing Right-of-way
 - Existing Sewage Force Main
 - Existing Tree Line
 - Existing Underground Telephone Line
 - Existing Water Main
 - Existing Water Meter
 - Property Line
 - Proposed Concrete Sidewalk
 - Proposed Water Main
 - Proposed Water Utility and Access Easement

Water Line "A"

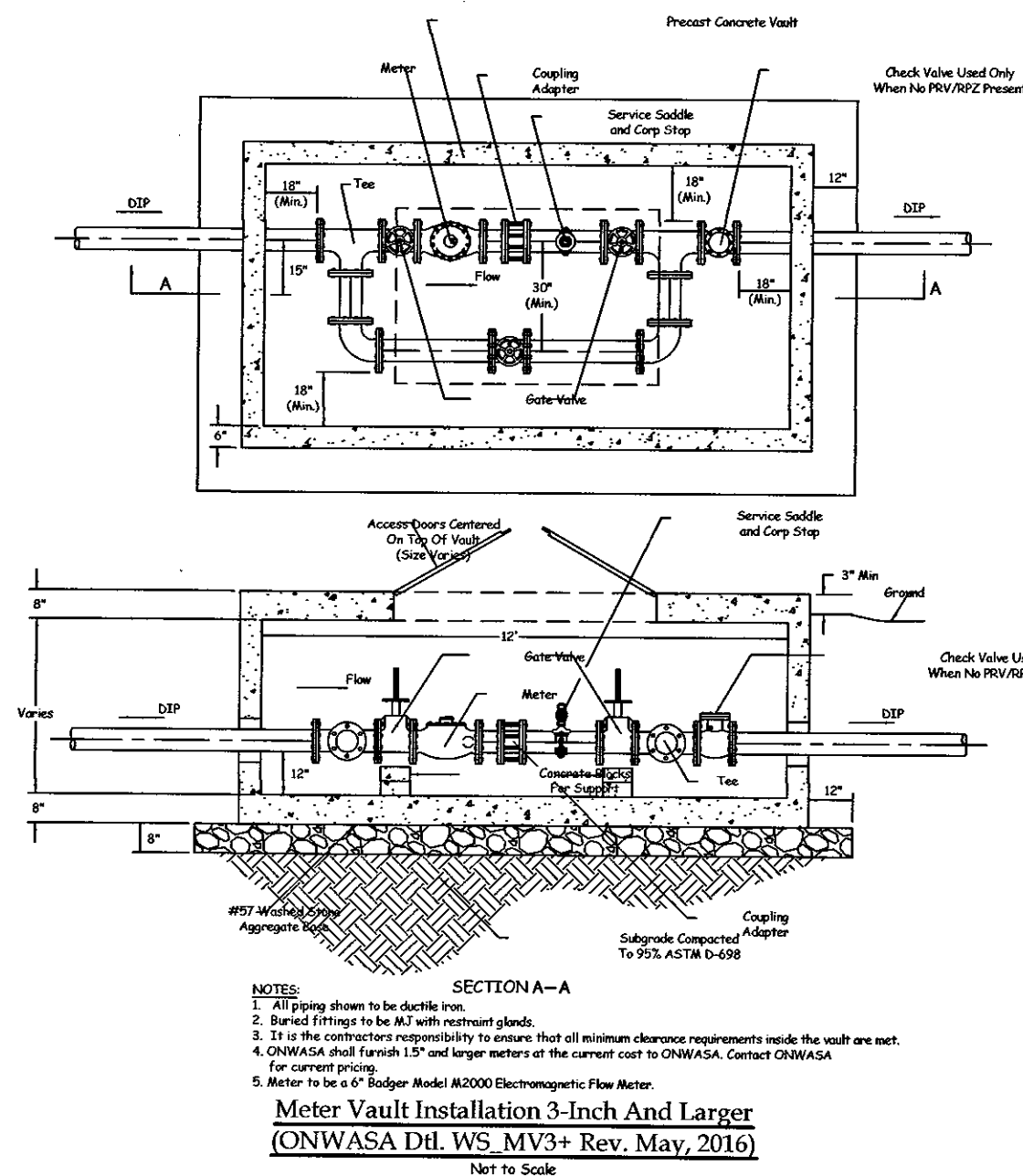
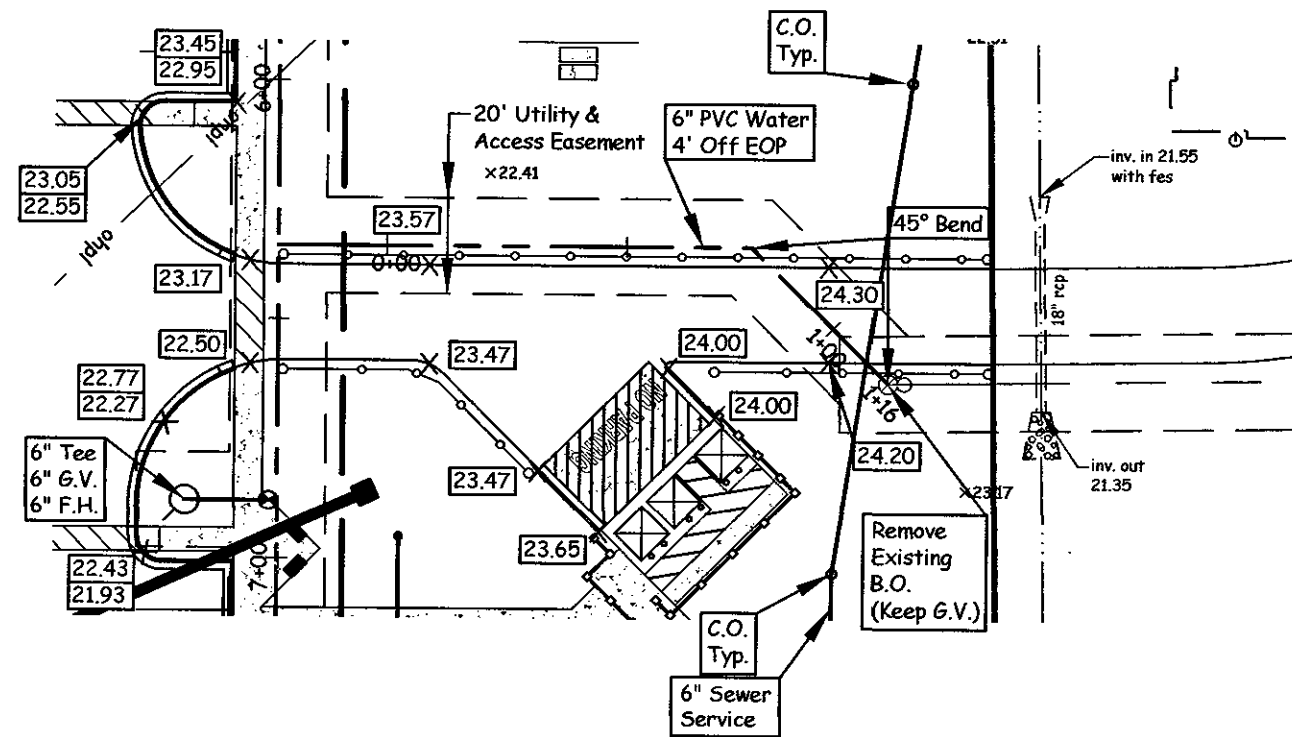
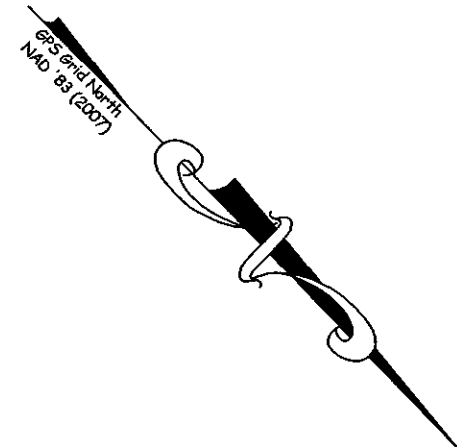


Note:
Contractor shall insure that he and all his workers (contractors, subcontractors and other site personnel) do not damage construction stakes or other measures used in laying out the project whether by the Engineer or another entity including those under the employ of the contractor. Contractor shall cause his workers to observe and verify to the fullest extent practicable that stakes, other measures and grades are, or appear to be, accurate and correct, and immediately, but prior to any associated work, notify the staking entity of any potential conflict, error or question regarding the work. The Engineer shall not be responsible if all of the above measures are not strictly adhered to. The Engineer shall not be responsible where due to damage, his staking can not be verified. For critical or costly components of the work, where the contractor believes that staking may not be preserved, the contractor shall request the staking entity to place staking in an area where its preservation can be insured.

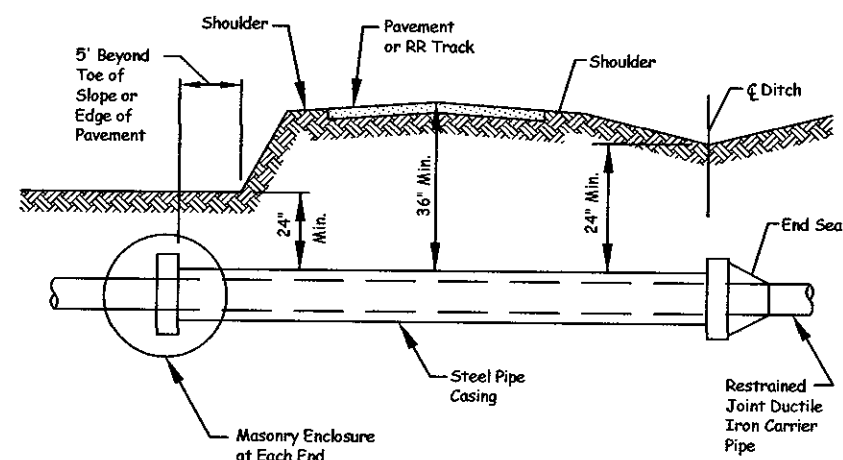
Owner:
East Point Homes, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003



Water Line "A" CRESTFIELD POINT APARTMENTS 350 Blue Creek School Road Jacksonville Twp., Onslow Co., North Carolina		Developer: Carolina Statewide Development, LLC 166 Center Street Jacksonville, North Carolina 28546 (910) 937-0003	Sheet No. 8 of 13
TIDEWATER ASSOCIATES, INC. Consulting Engineers - Land Surveyors - Land Planners Jacksonville, North Carolina P.O. Box 976 - 306 New Bridge Street - 28540 Phone (910) 455-2414 - www.TidewaterENC.com Firm License Number: F-0108			Designed: JAH Drawn: KHW Job No.: C210826-7848
Date: 02/21/2022	Scale: Vertical 1"=4' Horizontal 1"=40'	Filename: Crestfield-Site.dwg	Disk: Acad #2897



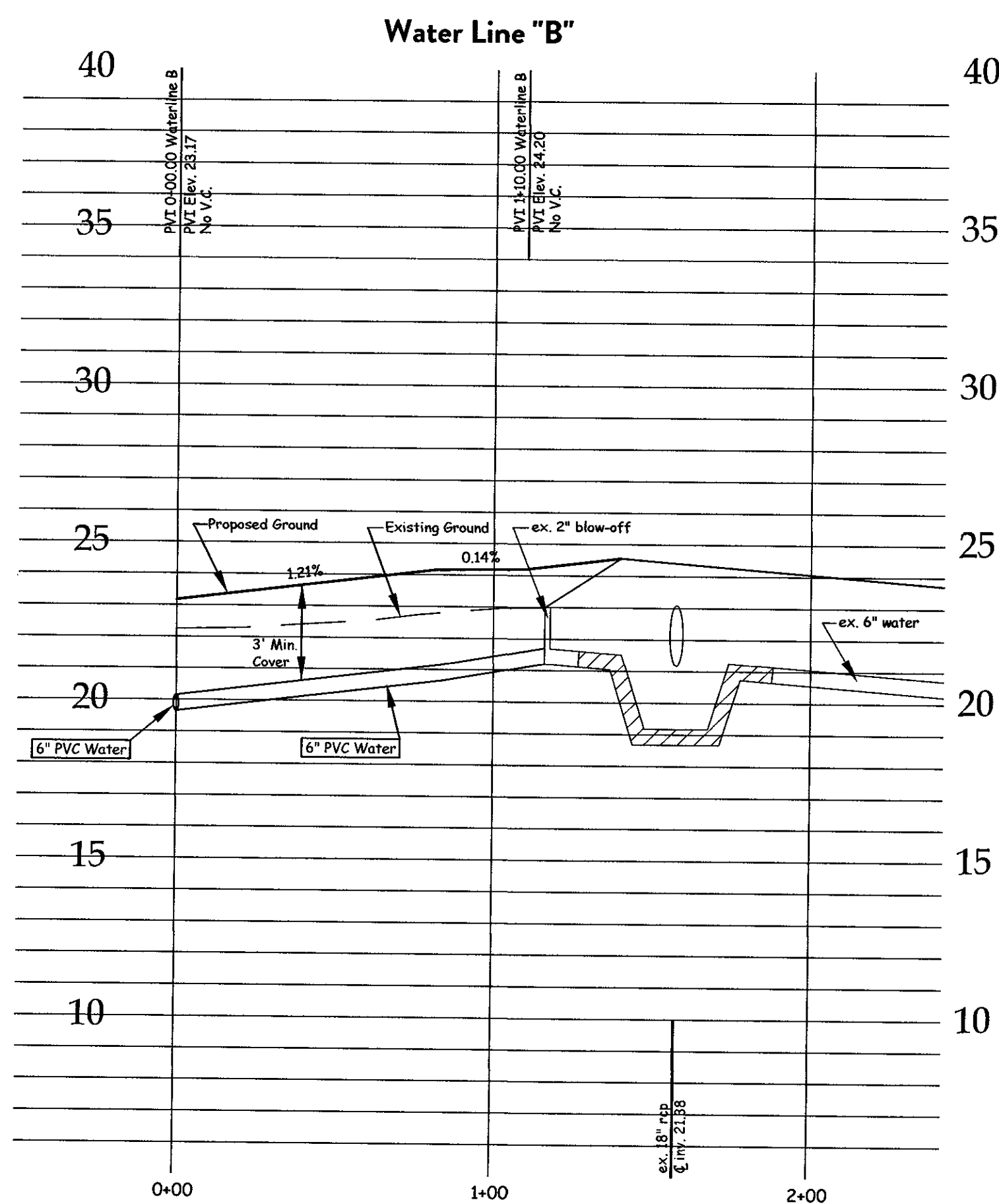
- Legend:**
- BFP - Back Flow Prevention
 - B-B - Back of Curb to Back of Curb
 - BOC - Back of Curb
 - B6 - Below Ground
 - Comp - Connected Point
 - EOP - Edge of Pavement
 - Elev - Elevation
 - Ex - Existing
 - ecstv - Existing Cable TV Box
 - egw - Existing Guy Wire
 - epw - Existing Power Pole
 - FFE - Finish Floor Elevation
 - F.H. - Fire Hydrant
 - G.V. - Gate Valve
 - GL - Ground Level
 - ISF - Iron Stake Found
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 - Existing Water Meter
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 - Proposed Concrete Sidewalk
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Typical Pipe Crossing
Encasements shall extend from Ditch Line to Ditch Line in Cut Sections, Five (5) Feet Beyond the Toe of Slopes in Fill Sections, and Ten (10) Feet Beyond Edge of Pavement in Sections With No Ditch or Fill Area.

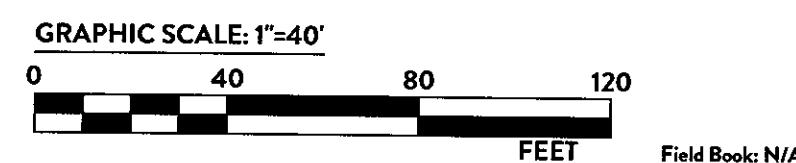
- Notes:**
1. Steel Encasement Pipe shall conform to the requirements of the Project Specifications.
 2. Corner Pipe shall be adequately supported the entire length within the casing by using spacers or "spiders" steel supports at a maximum of 9 foot centers (one at each joint and one intermediate). Other methods must meet approval of the Engineer.

Dry Bore and Jack Pipe Encasement
(ONWASA Dtl. WS B&J Rev. May, 2016)
Not to Scale

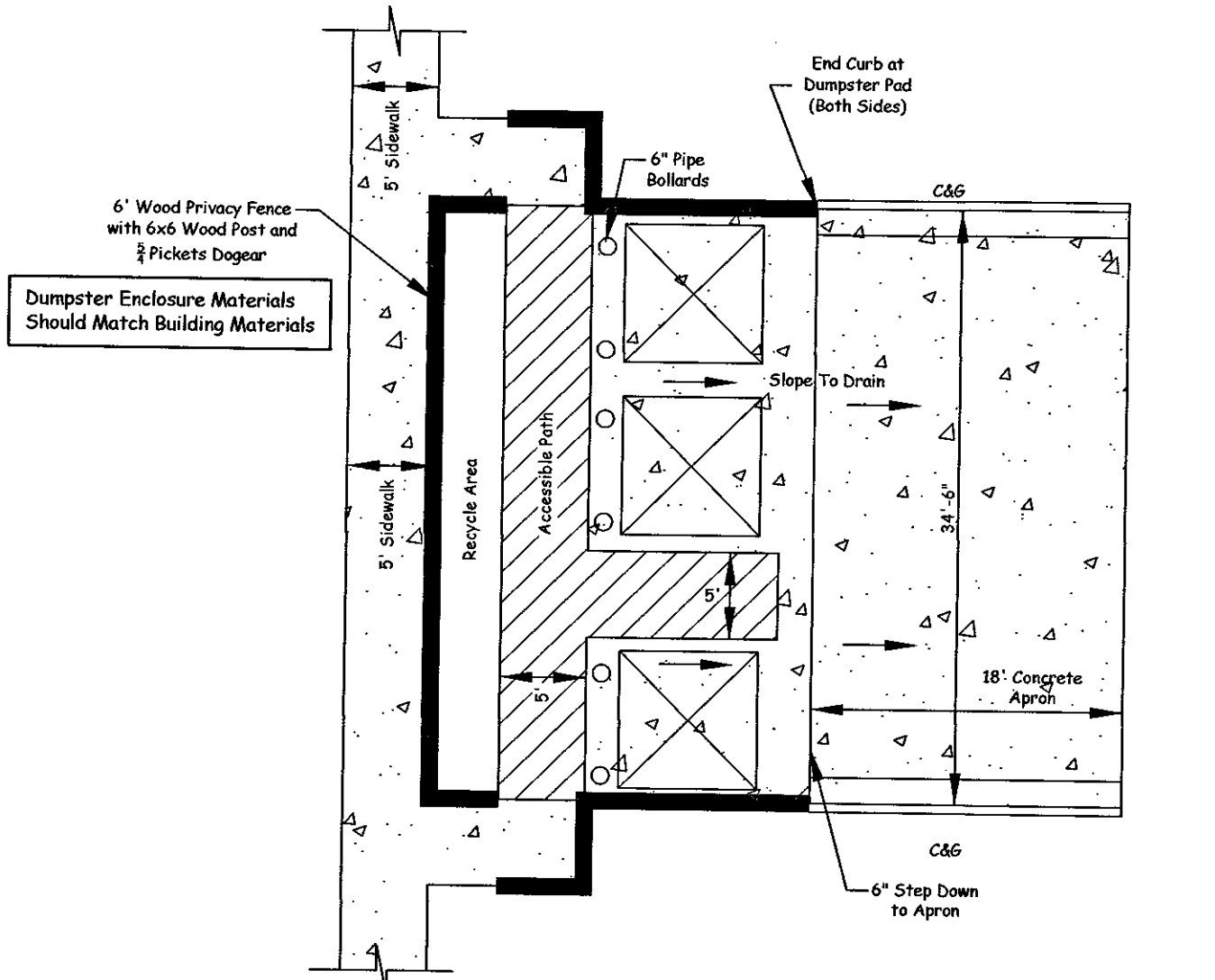


Note:
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Owner:
East Point Homes, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

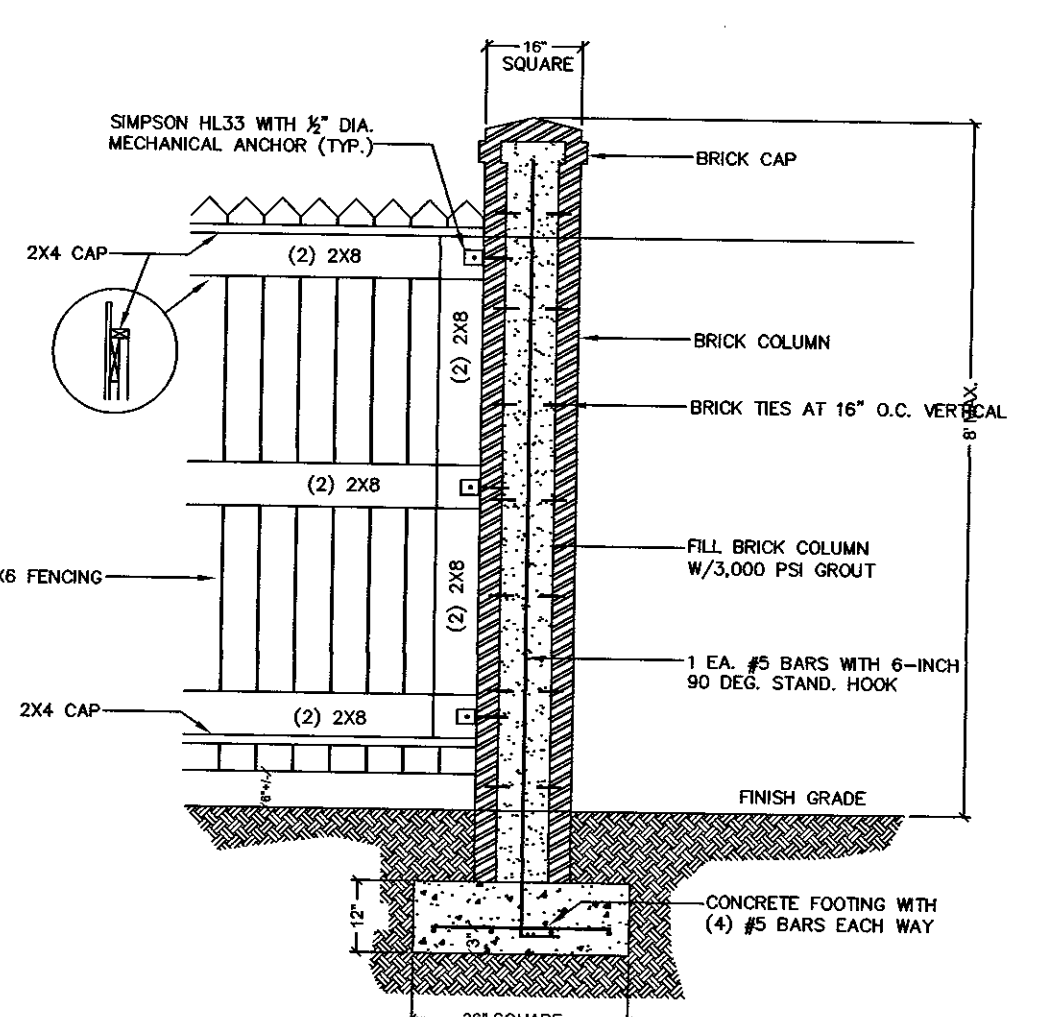
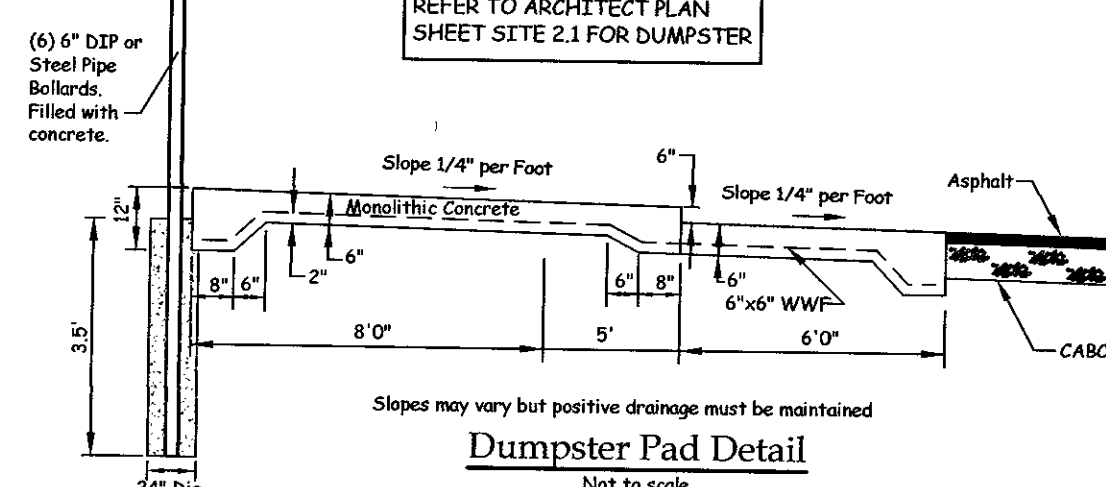


Water Line "B"		Developer: Carolina Statewide Development, LLC 166 Center Street Jacksonville, North Carolina 28546 (910) 937-0003	
CRESTFIELD POINT APARTMENTS 350 Blue Creek School Road Jacksonville Twp., Onslow Co., North Carolina		TIDEWATER ASSOCIATES, INC. Consulting Engineers - Land Surveyors - Land Planners Jacksonville, North Carolina P.O. Box 976 - 306 New Bridge Street - 28540 Phone (910) 455-2414 - www.tidewaterENC.com Firm License Number: F-0108	
Date: 07/21/2022		Scale: Vertical 1"=4' Horizontal 1"=40'	Filename: Crestfield-Stading
Disc: Acad #2897		Job No.: C210826-7848	
Sheet No.: 9 of 13		Designed: JAH Drawn: KHW	



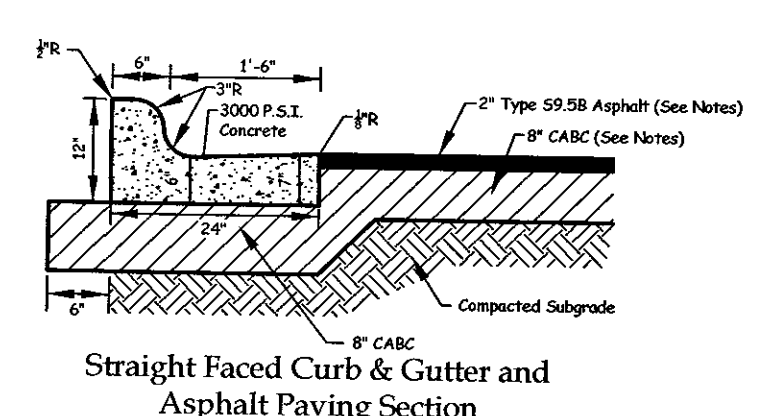
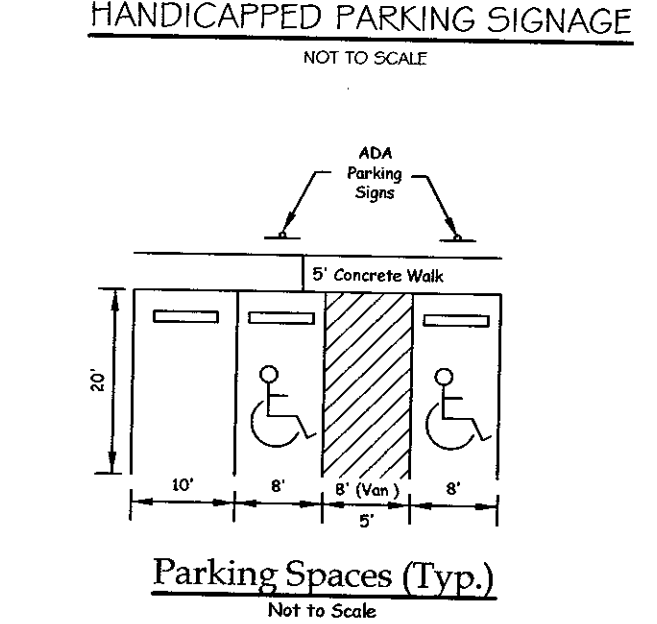
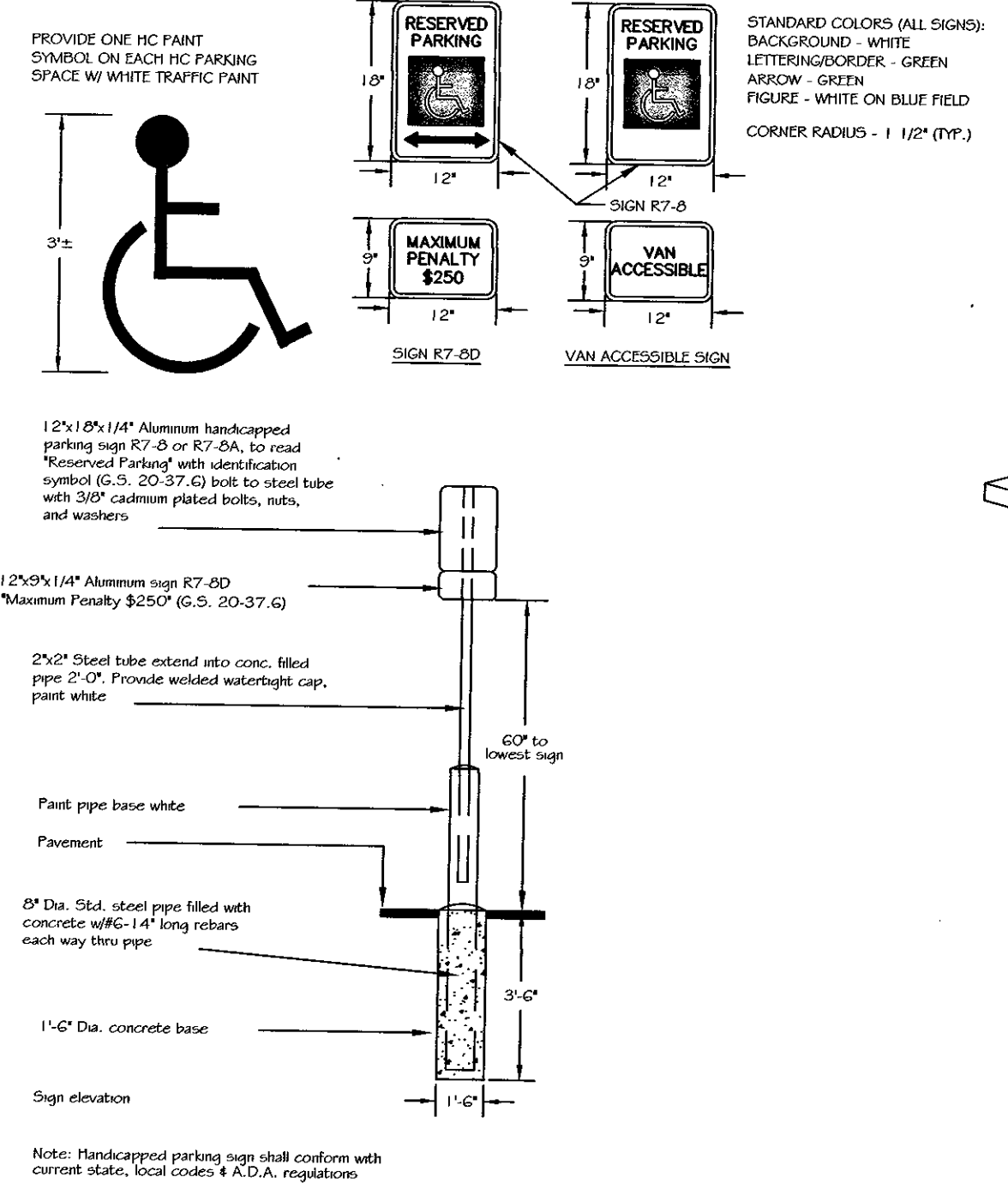
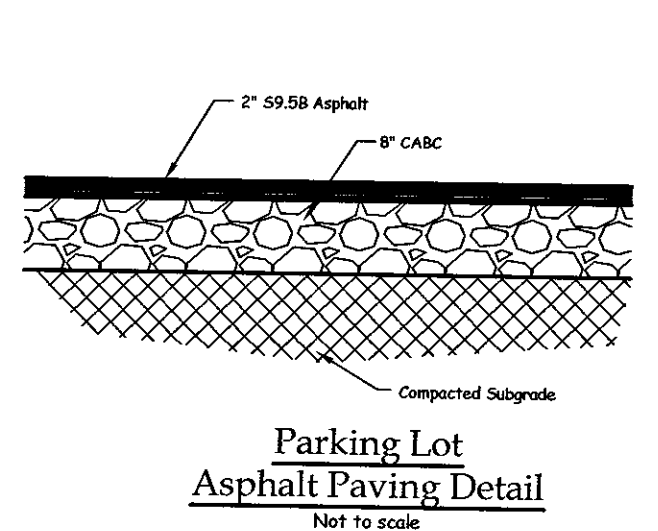
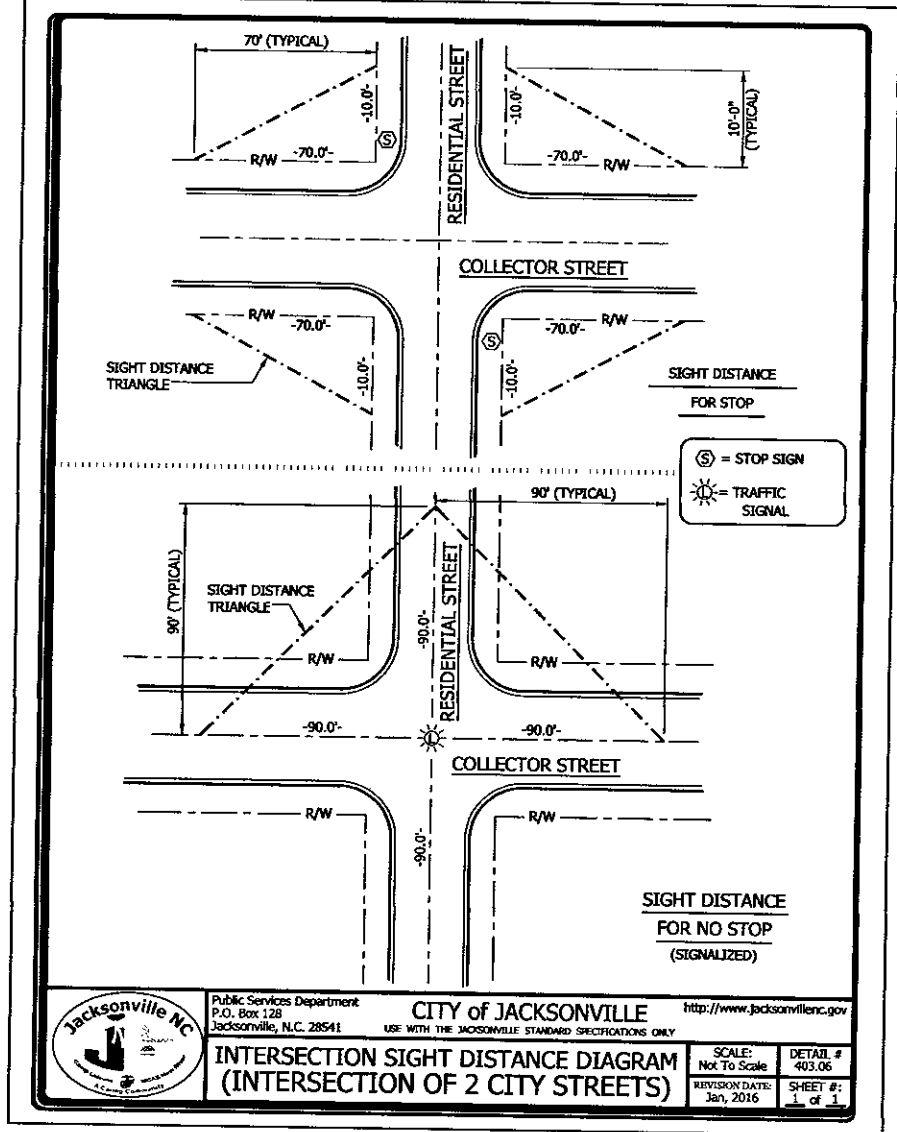
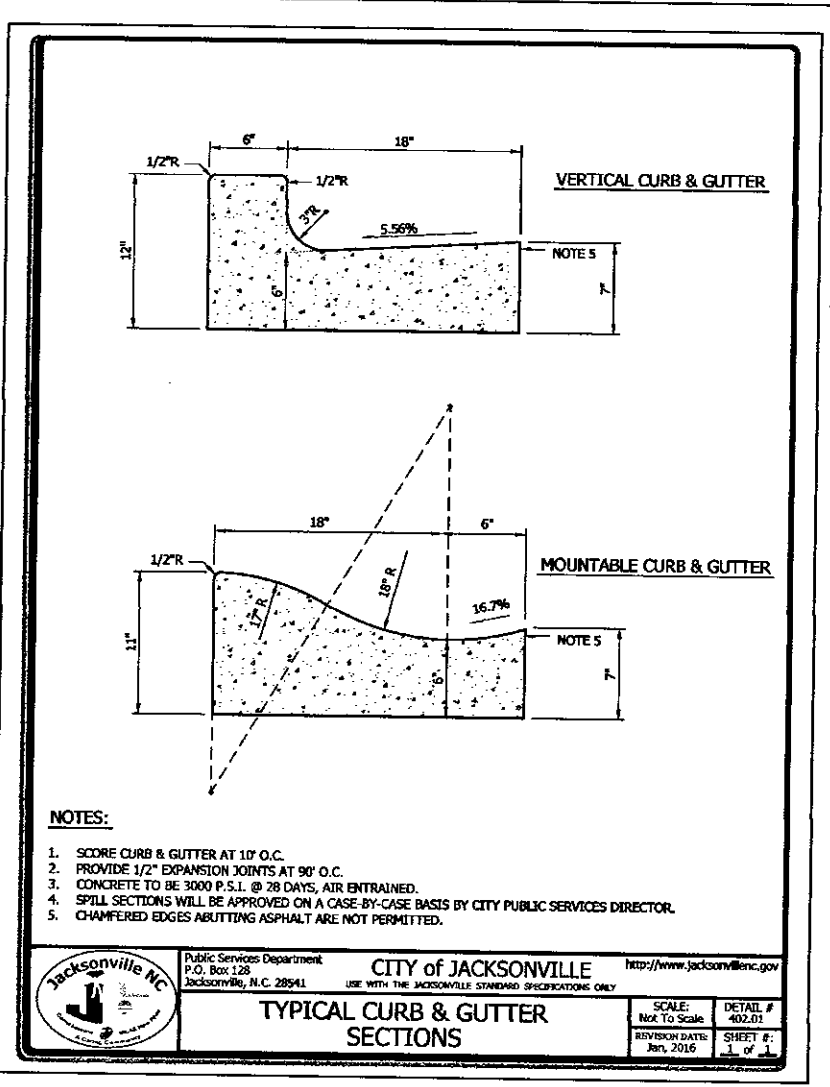
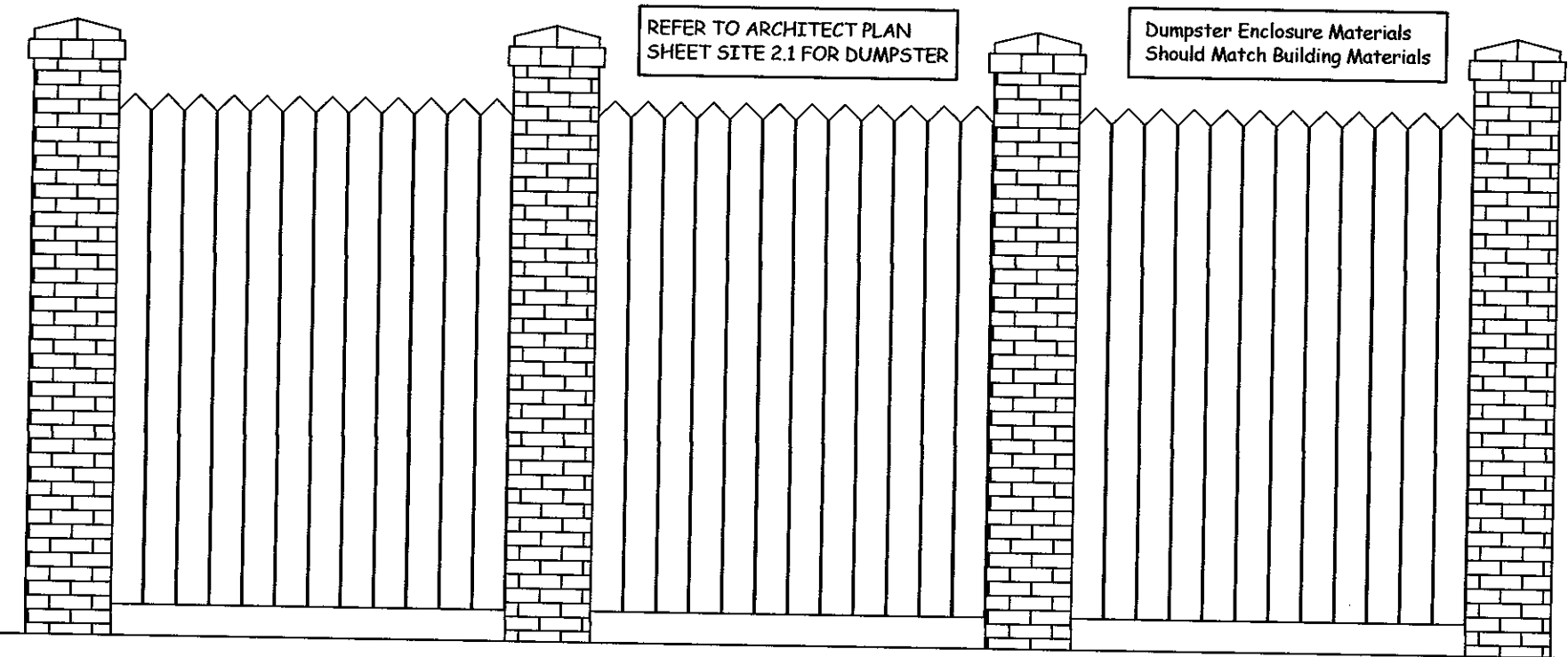
Dumpster Layout
Scale: 1"=10'

REFER TO ARCHITECT PLAN SHEET SITE 2.1 FOR DUMPSTER

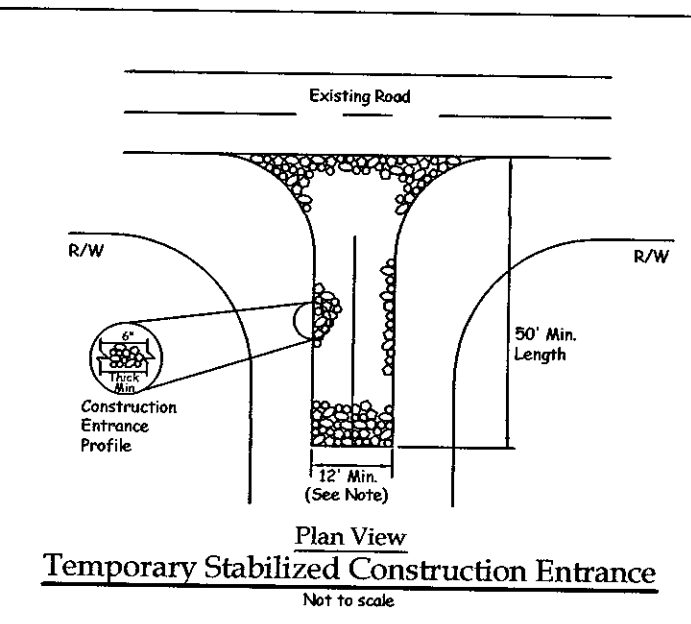


TYPICAL ELEVATION
SCALE: NTS

Dumpster Screening
Scale: 1"=10'

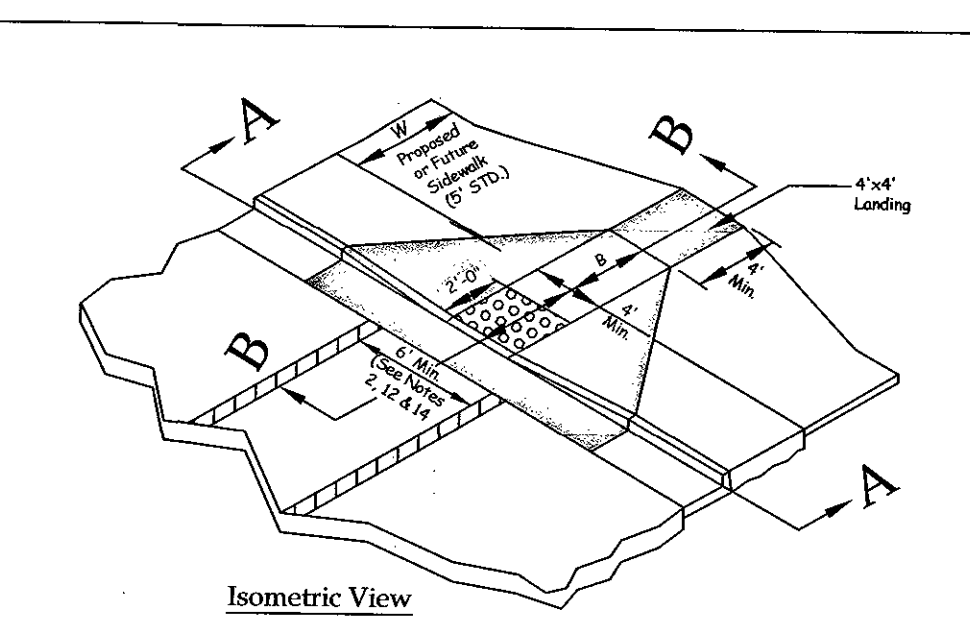


NOTE:
1. Curb and Gutter Only To Be Used In Areas Shown On Plans.
2. Spill Gutter To Be Used In Areas Where Flow Is To Go Away From Gutter.
3. Construction Joints Every 10'.
4. Expansion Joints Every 90'.

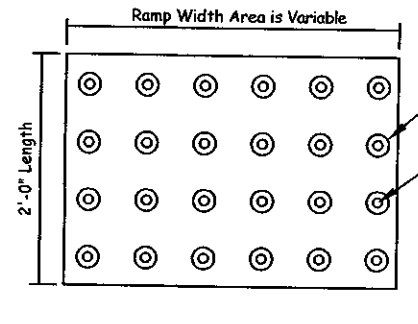


Construction Specifications

- Aggregate size - Use 2-3 inch washed stone.
- Length - As effective, but not less than 50 feet.
- Thickness - Not less than six (6) inches.
- Width - Not less than full width of all points of ingress or egress. Minimum of 12'.
- Detail Filter fabric under entire footprint of the construction entrance.
- Washing - When necessary, wheels shall be cleaned to remove sediment prior to entrance onto public right-of-way. When washing is required, it shall be done on an area stabilized with crushed stone which drains into an approved sediment trap ditch, or watercourse through use of sandbags, gravel, boards or other approved methods.
- Maintenance - The entrance shall be maintained in a condition which will prevent tracking or fouling of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanup of any measures used to trap sediment. All sediment, spilled, dropped, washed or tracked onto public rights-of-way must be removed.



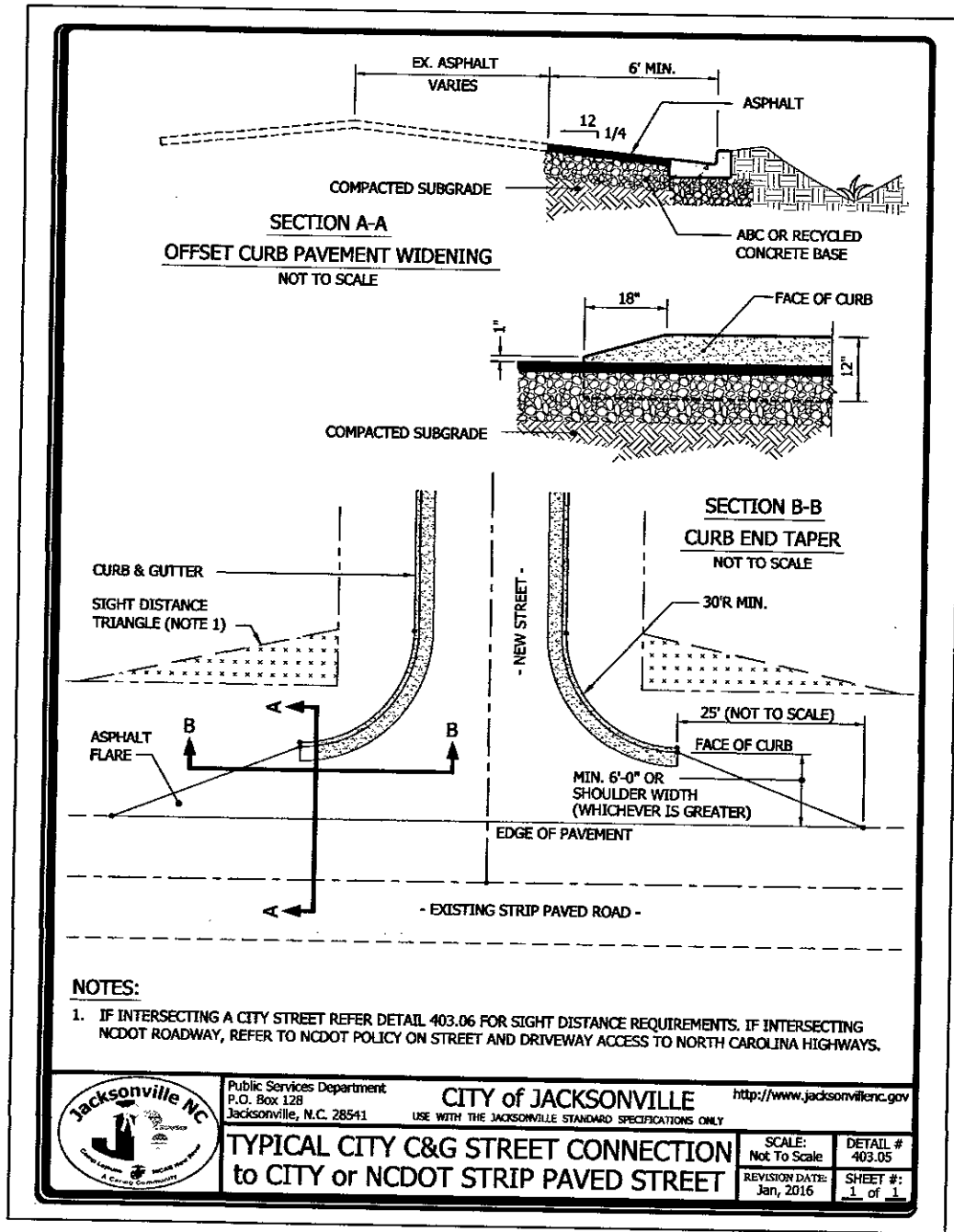
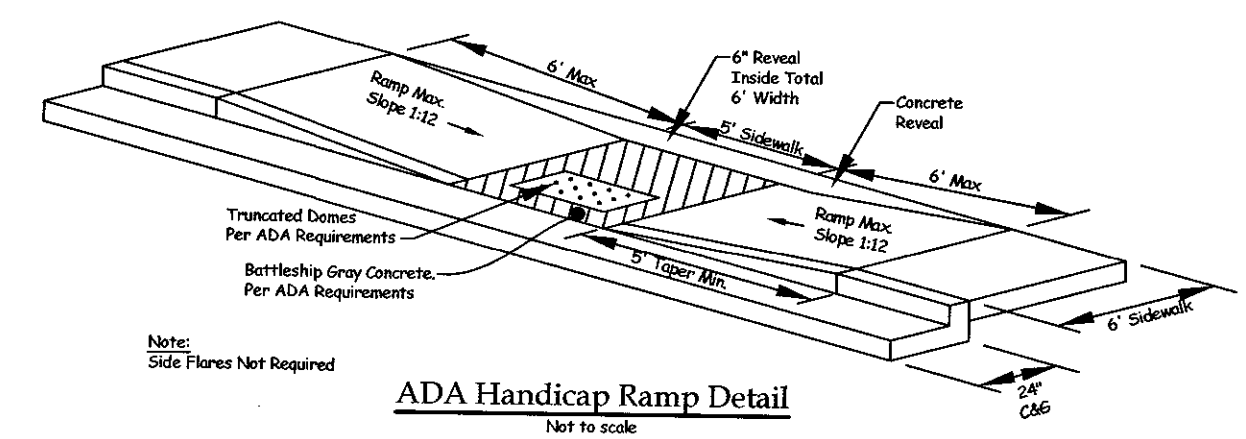
NOTES:
1. Detail Per Sheet 1 of DOT Standard Drawing 848.05. See Sheets 2 and 3 for Further Detail Information.
2. Detectable Warning Domes Will Cover 2' x 2' Length and Full Width of The Ramp Flare As Shown on The Details.
3. Detectable Warning Domes Will Contrast Visibility With Adjoining Surface. Dark Gray Composite Covering The Entire Ramp.



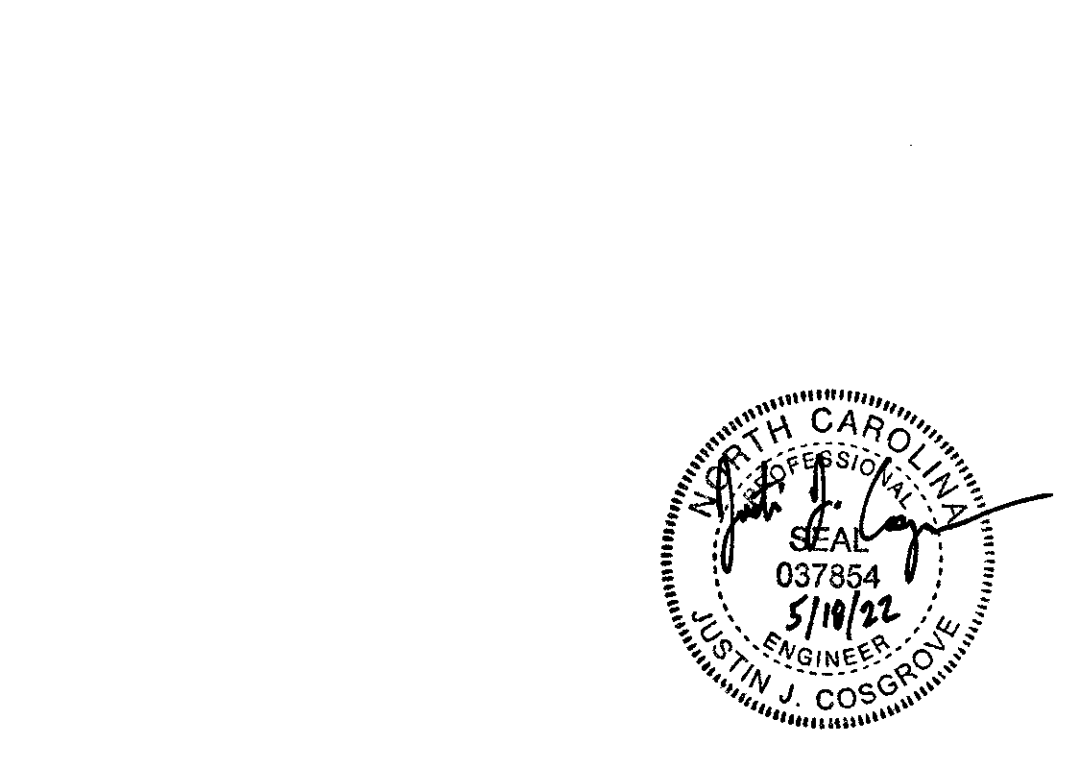
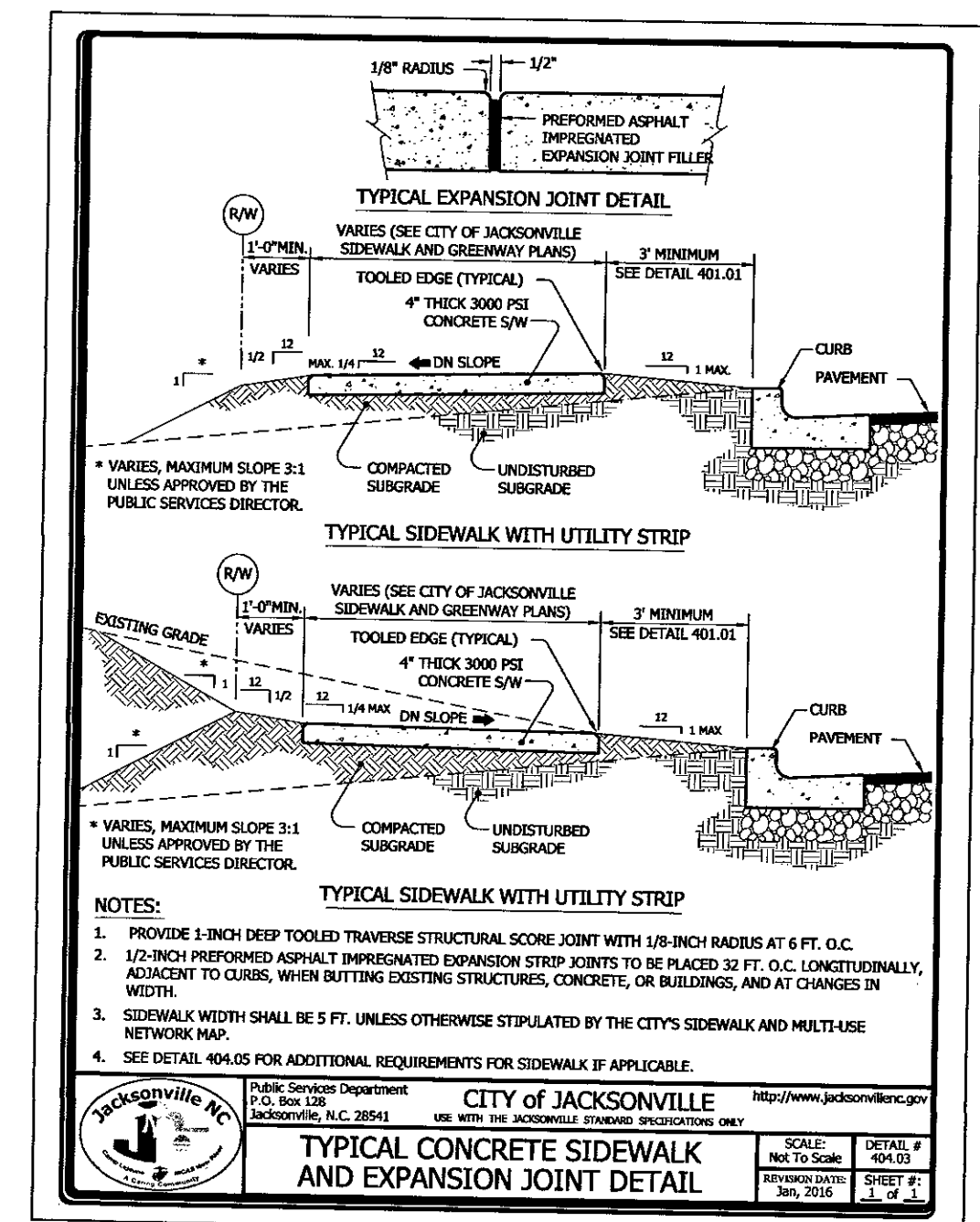
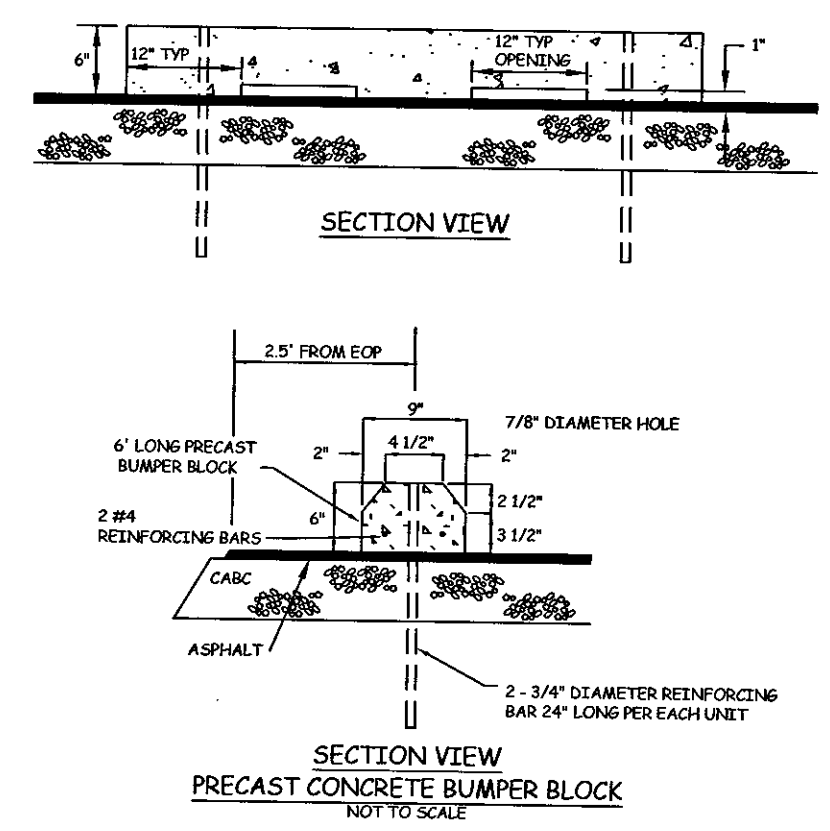
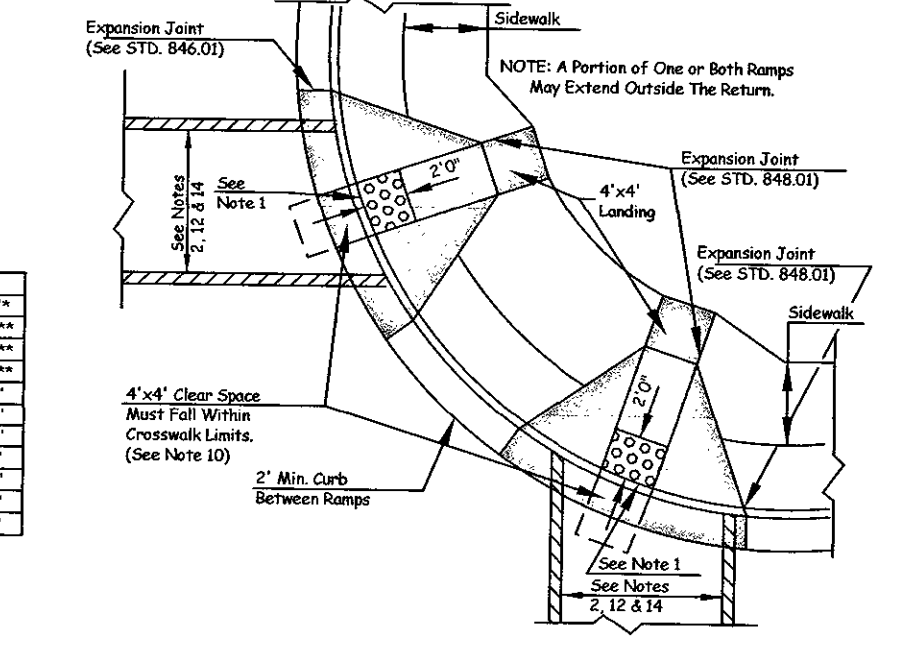
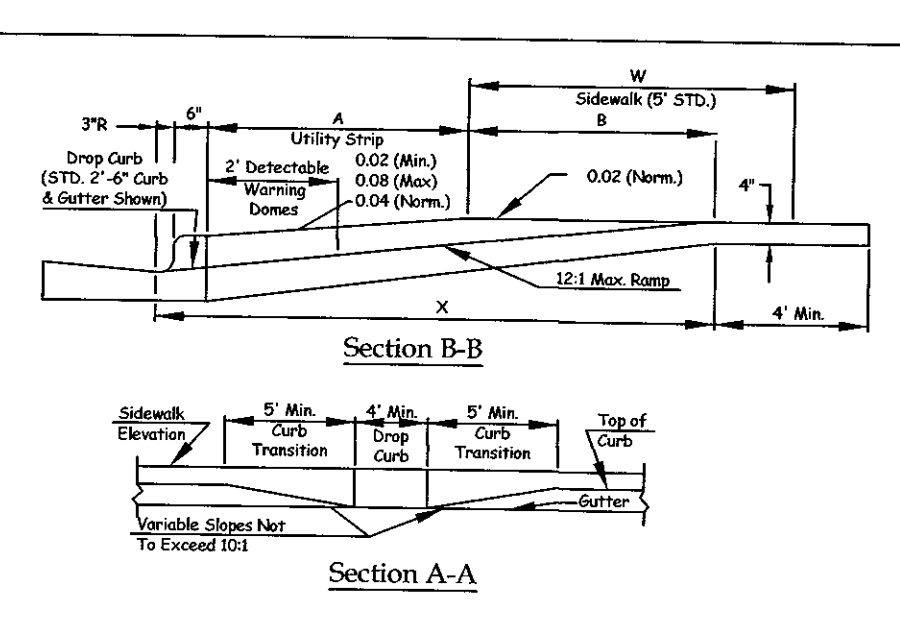
W	A	W/A	X	B
5	0.0	5.0	6.8	6.0
6	0.0	6.8	6.8	6.0
7	0.0	7.8	7.8	6.0
8	0.0	8.8	7.8	6.0
9	2.0	7.8	7.8	5.0
10	2.0	8.8	8.1	4.8
11	3.0	8.8	8.3	4.4
12	3.0	9.8	8.4	4.1
13	4.0	9.8	8.6	3.8
14	4.0	10.8	8.7	3.4
15	5.0	10.8	8.9	3.1

B = X (A-W)
B = Distance From Front Edge of Sidewalk to Back Point of 12:1 (0.33%) Slope.
* Back of Sidewalk Drop Required For All Sidewalk Slopes.
** Back of Sidewalk Drop Required For Sidewalk Slopes 0.04

CURB RAMP
NOT TO SCALE



NOTES:
1. IF INTERSECTING A CITY STREET REFER DETAIL 403.06 FOR SIGHT DISTANCE REQUIREMENTS. IF INTERSECTING NCDOT ROADWAY, REFER TO NCDOT POLICY ON STREET AND DRIVEWAY ACCESS TO NORTH CAROLINA HIGHWAYS.



SEAL
037854
5/10/22
J. COSGROVE
ENGINEER

Site Detail Sheet

CRESTFIELD POINT APARTMENTS

350 Blue Creek School Road
Jacksonville Twp., Onslow Co., North Carolina

Developer:

Carolina Statewide Development, LLC

166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

DATE: 02/21/2022

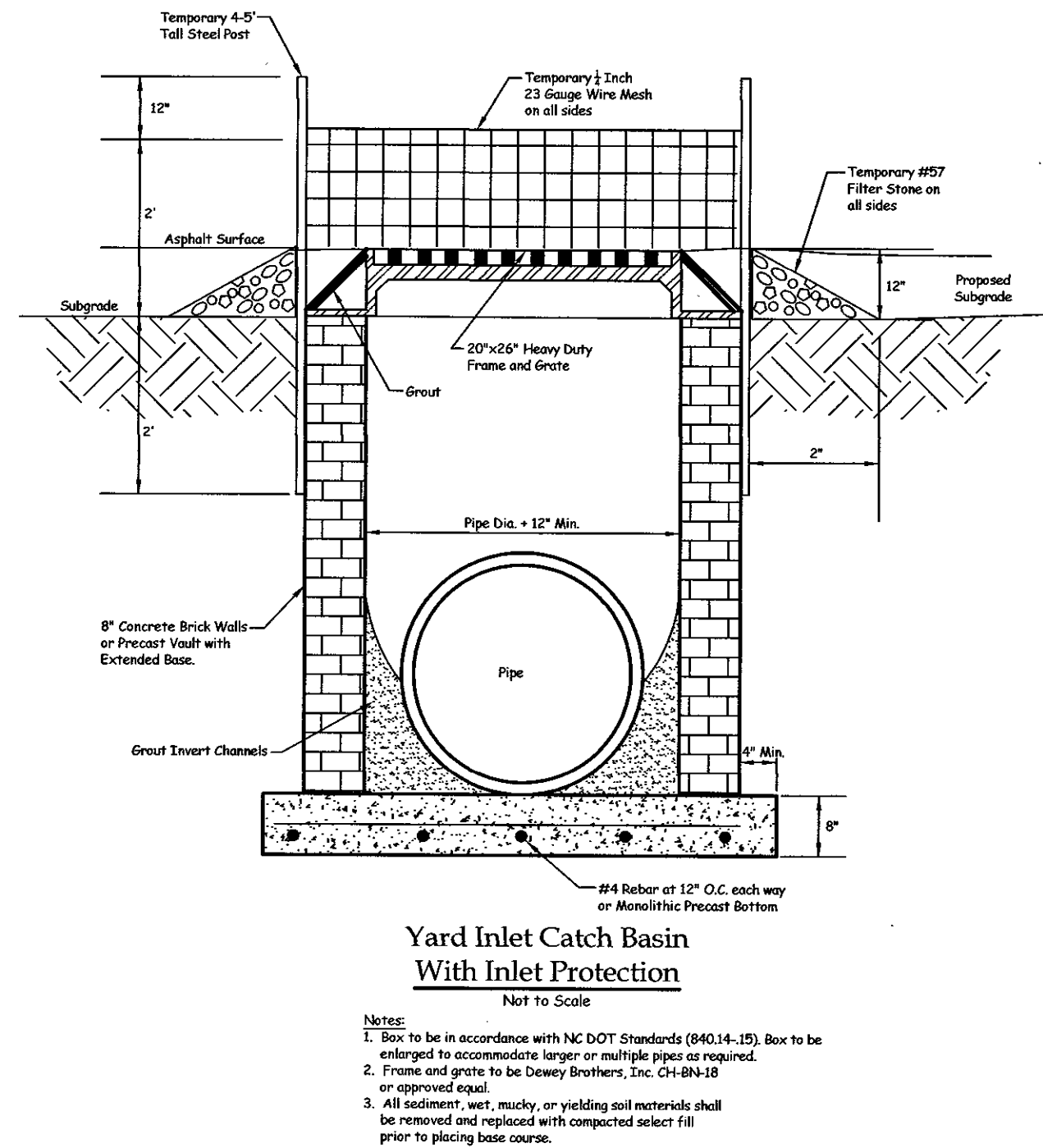
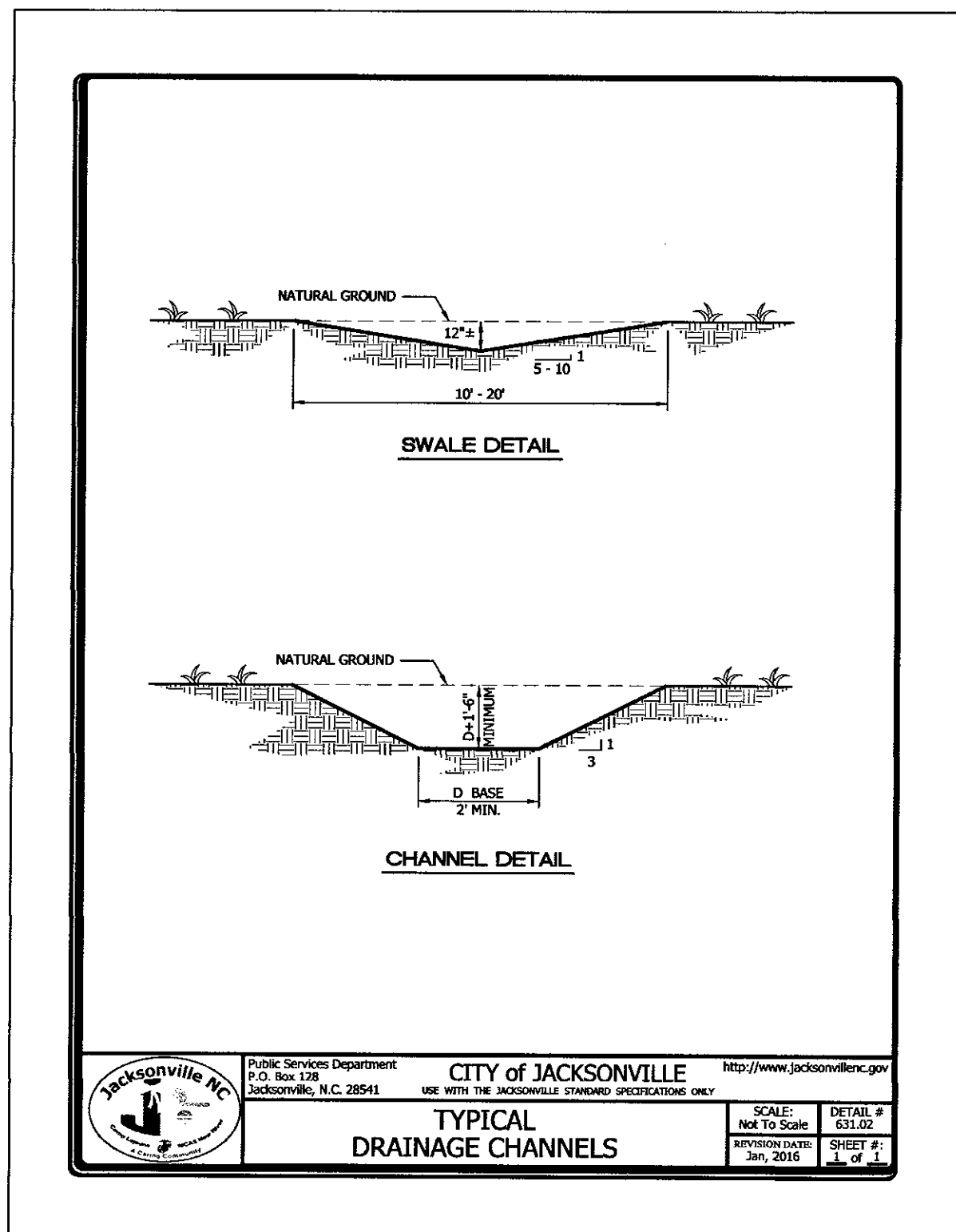
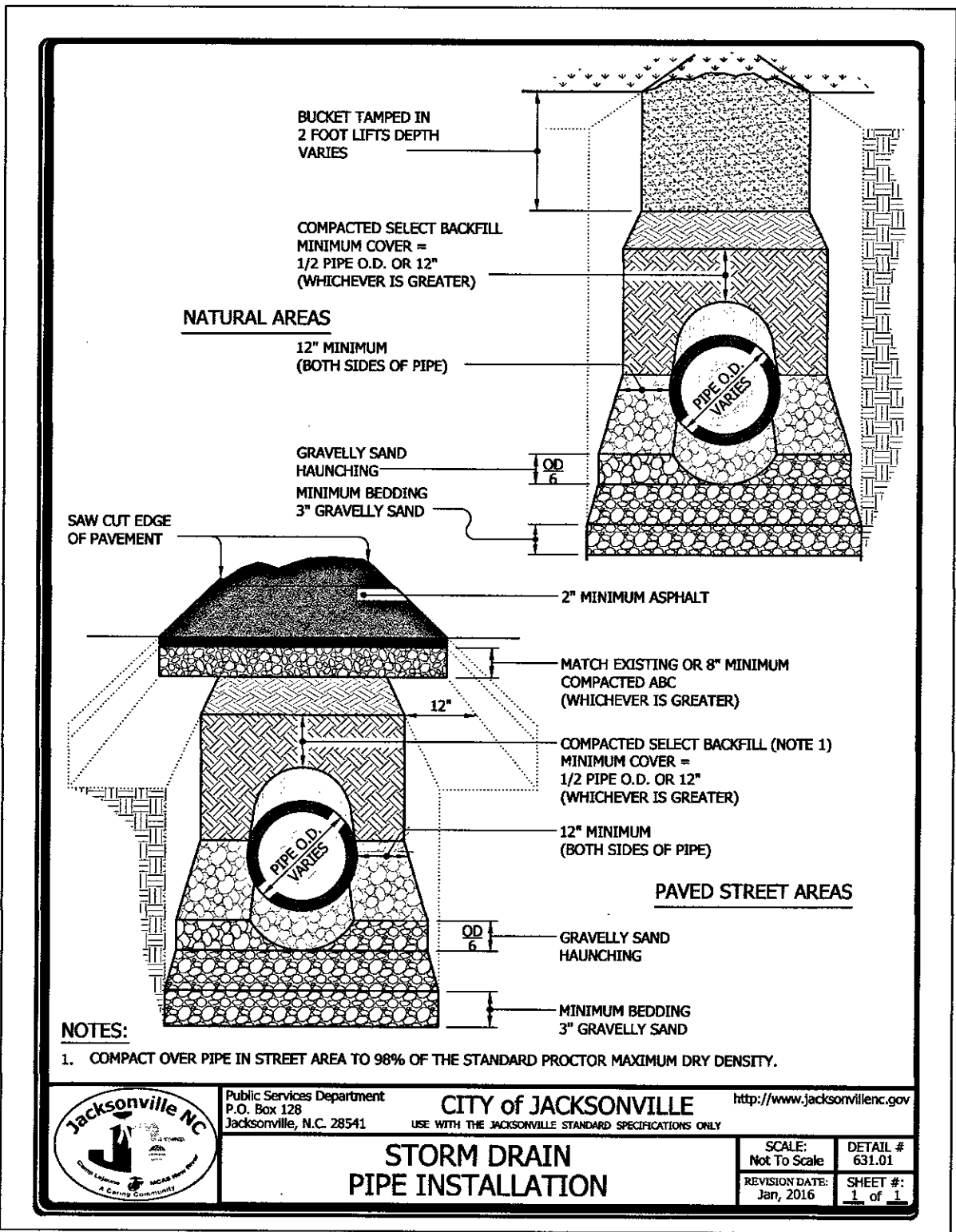
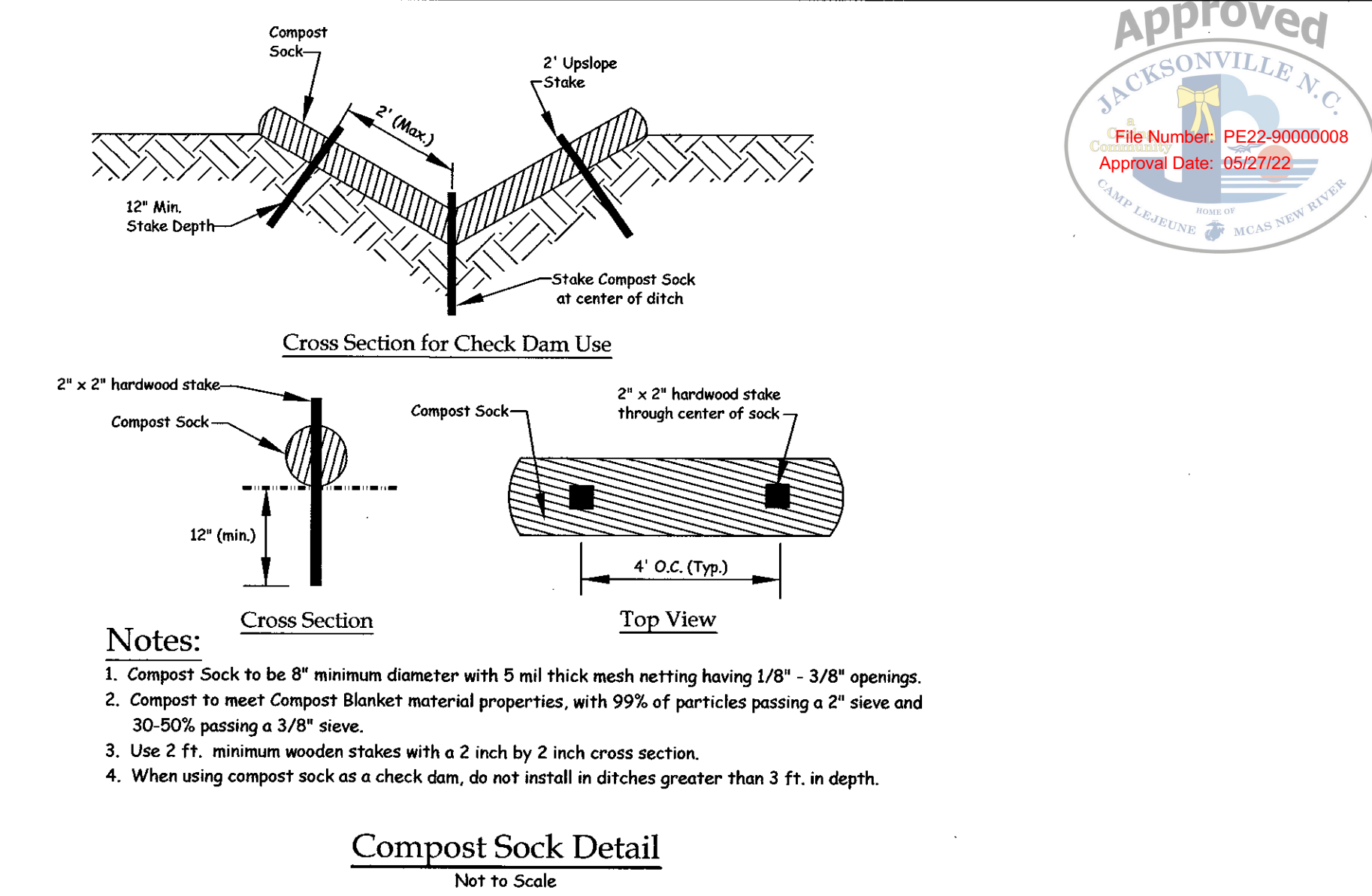
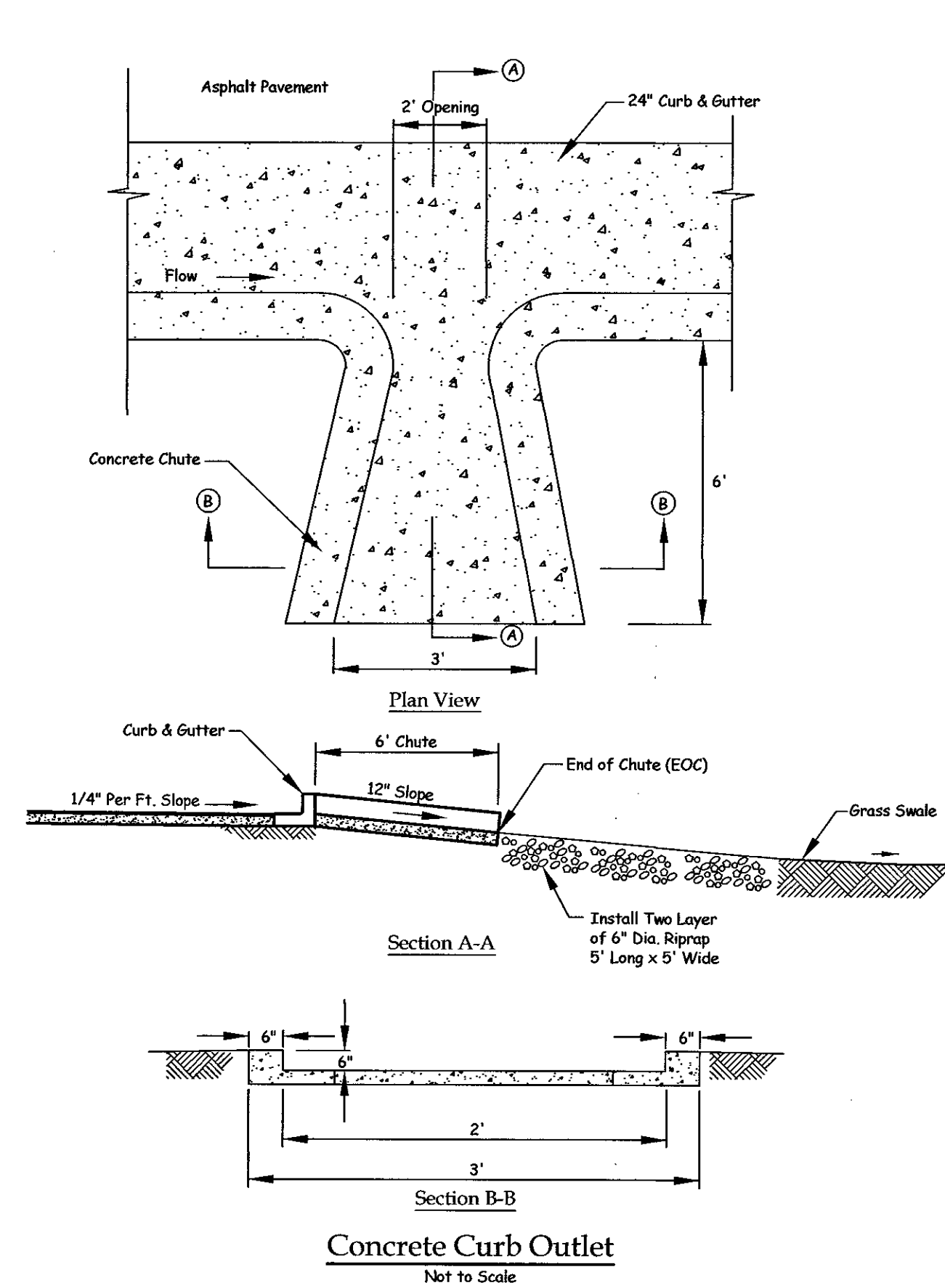
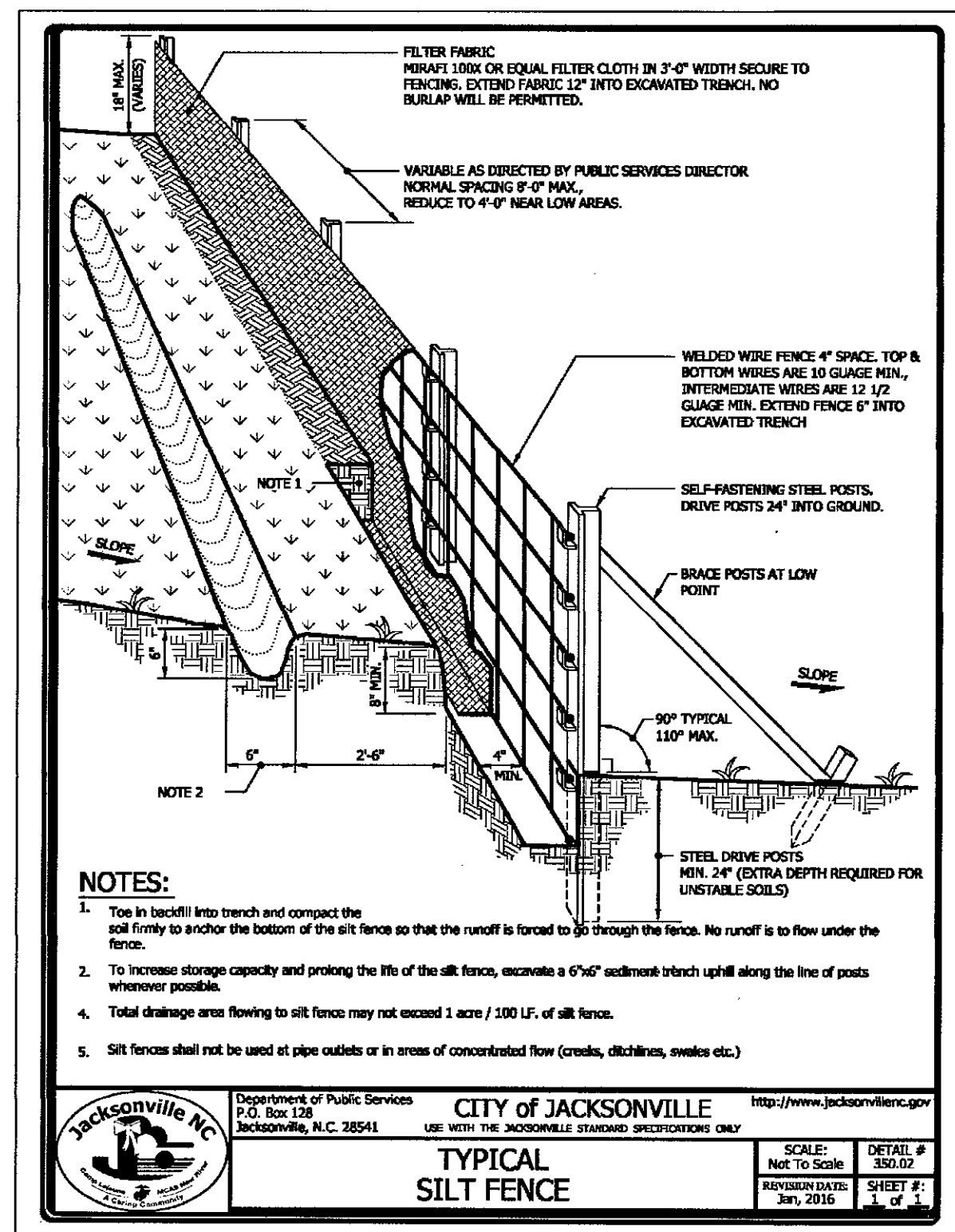
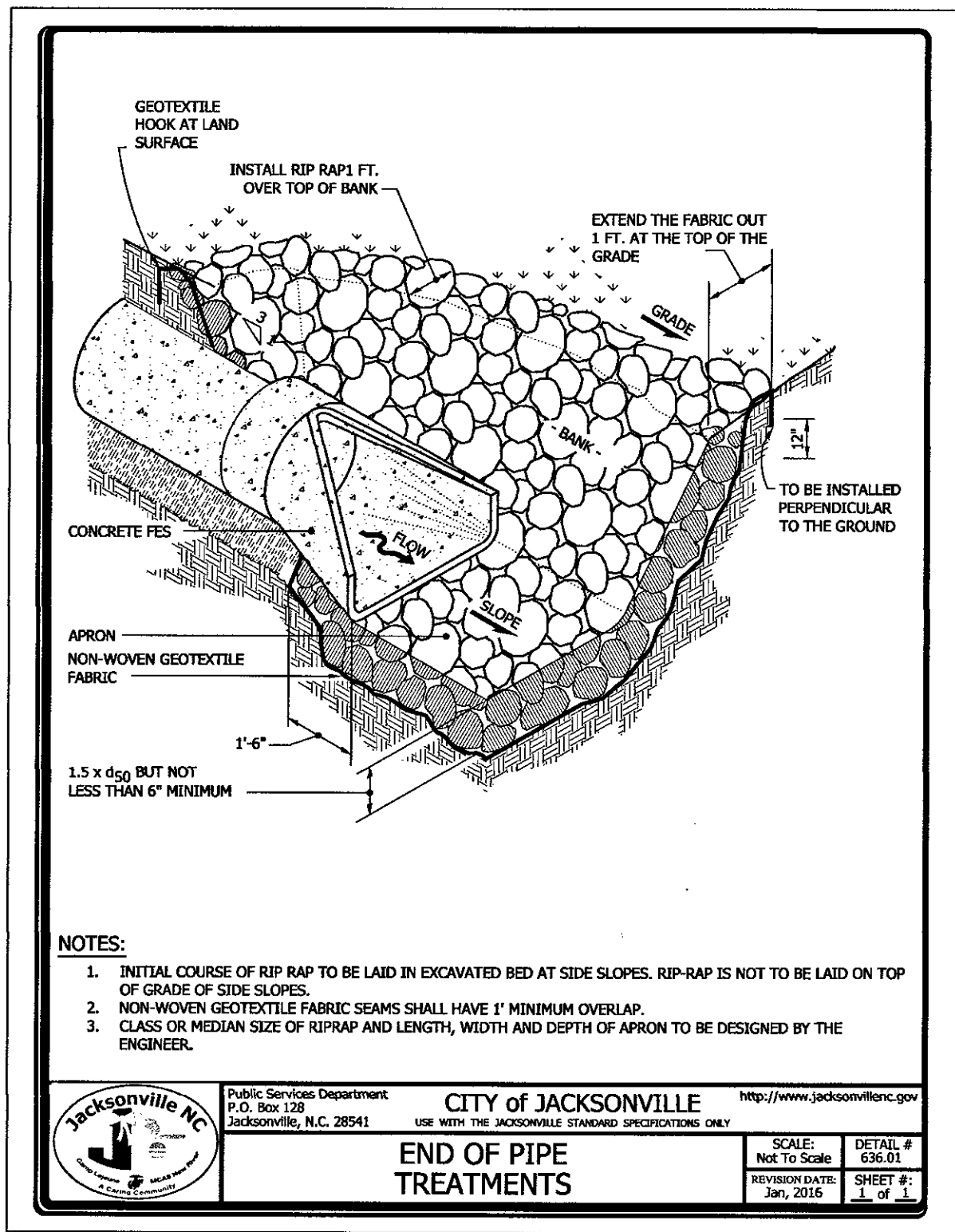
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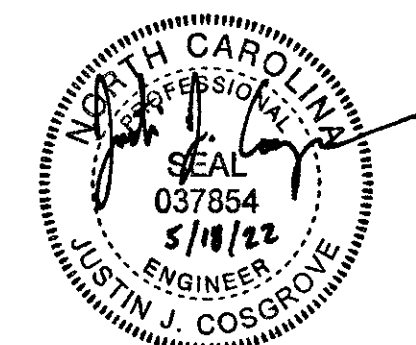
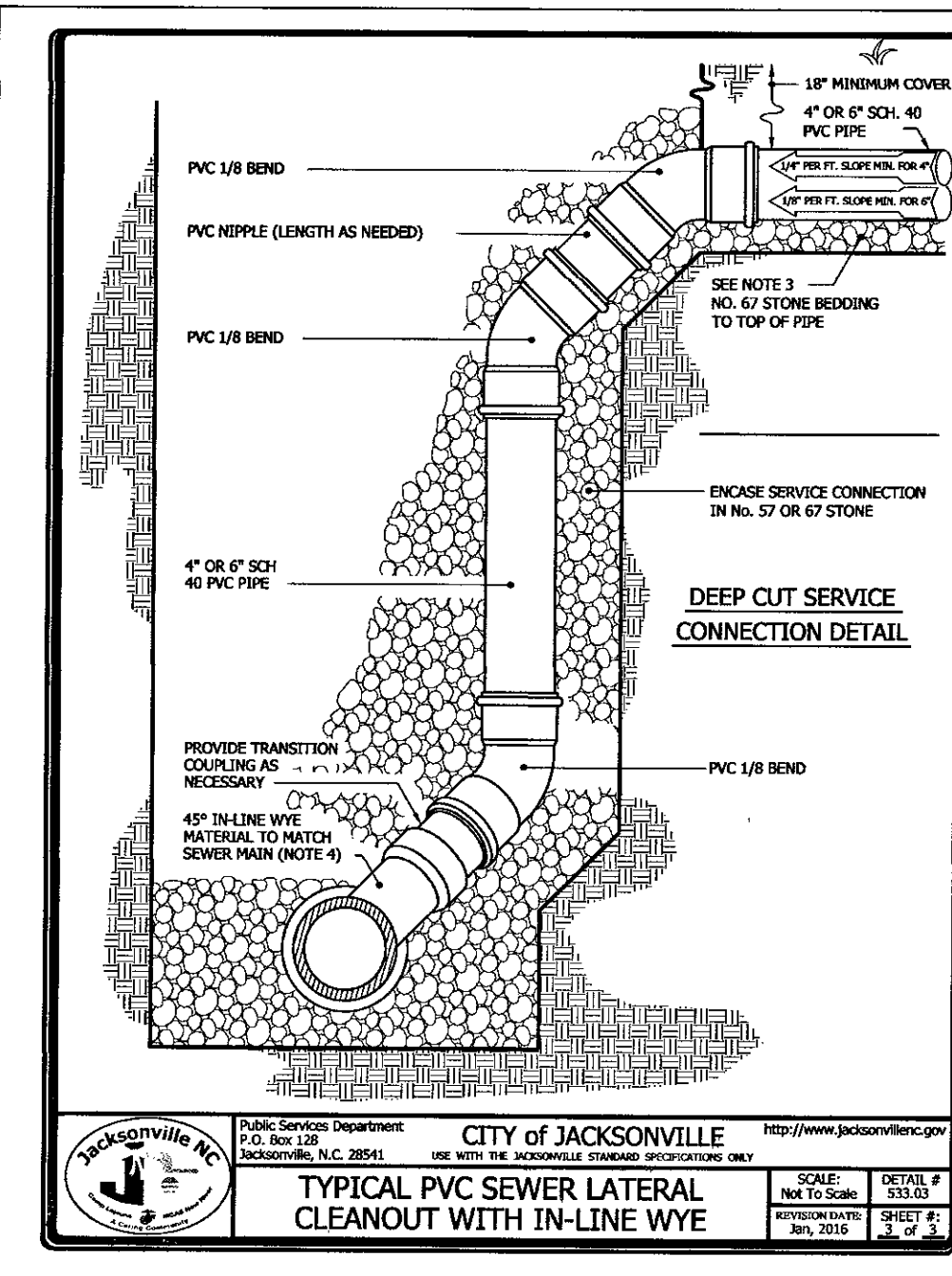
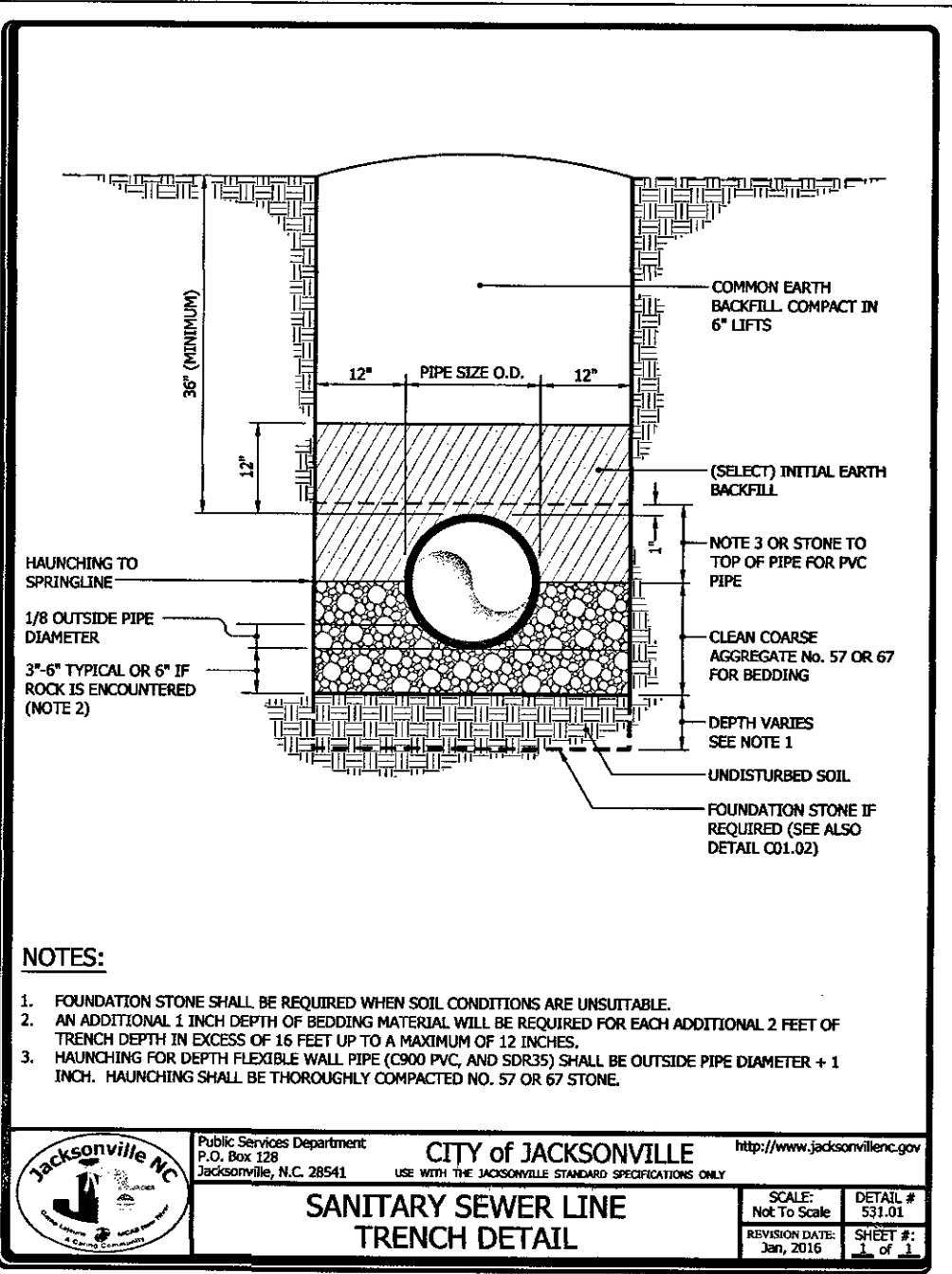
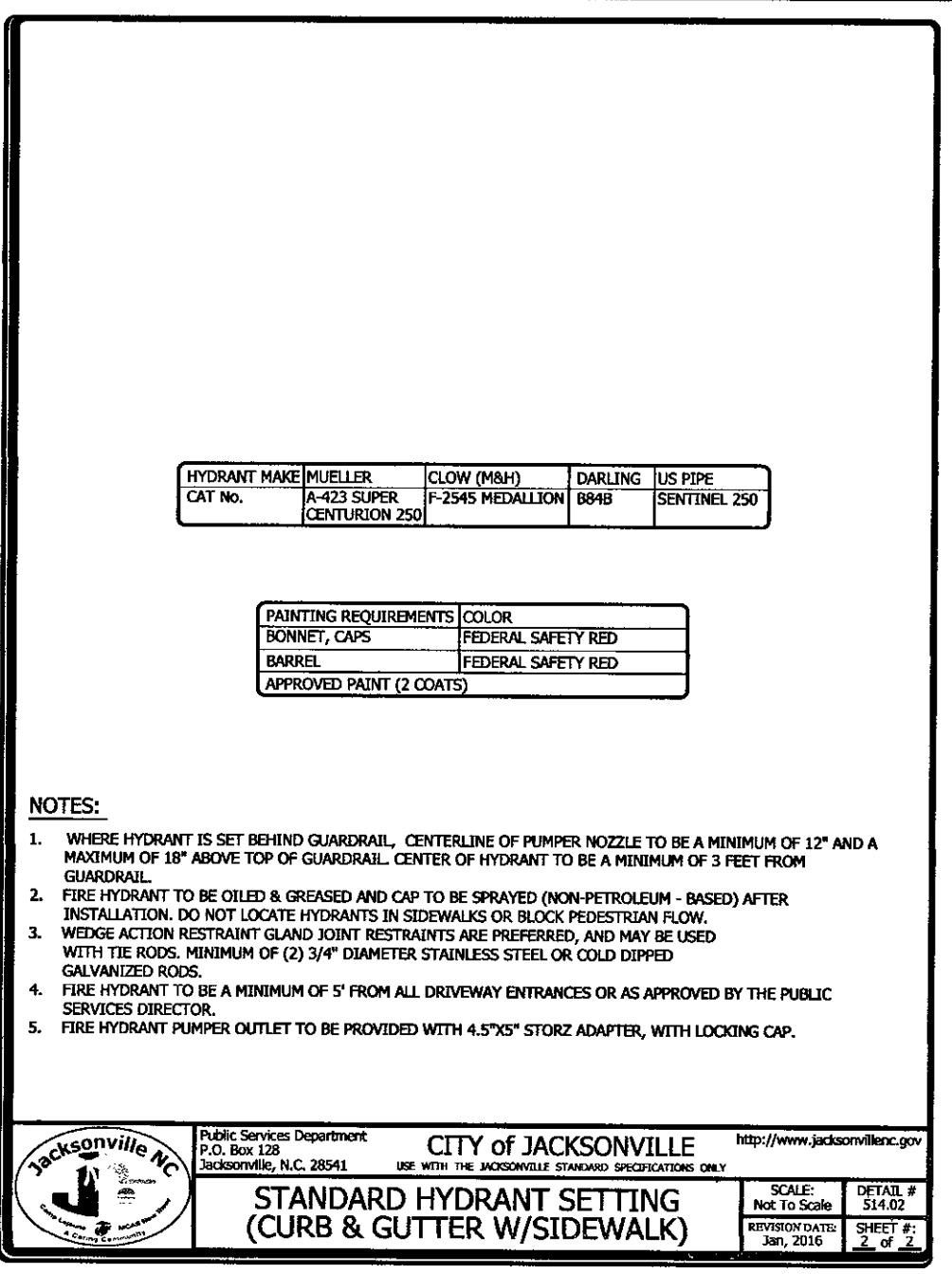
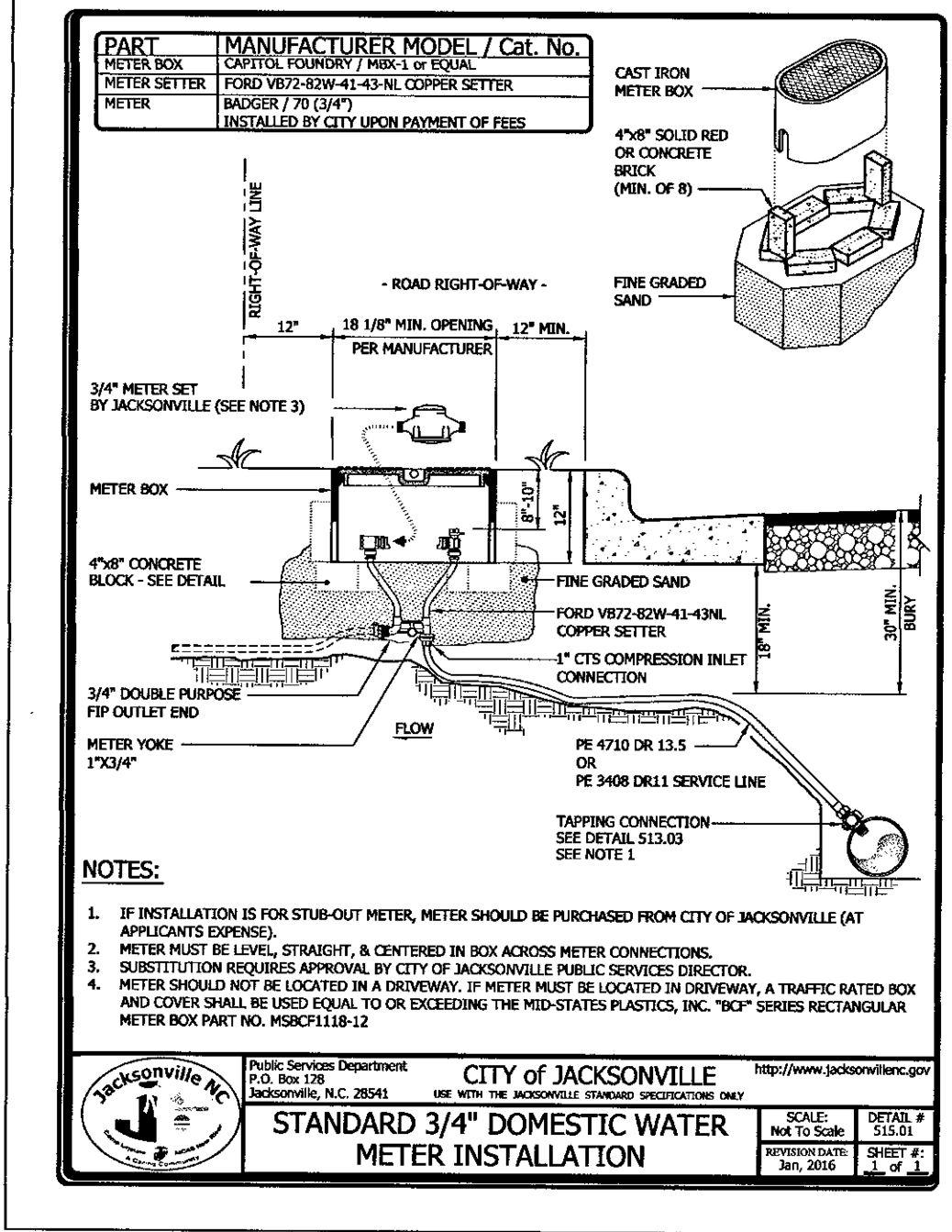
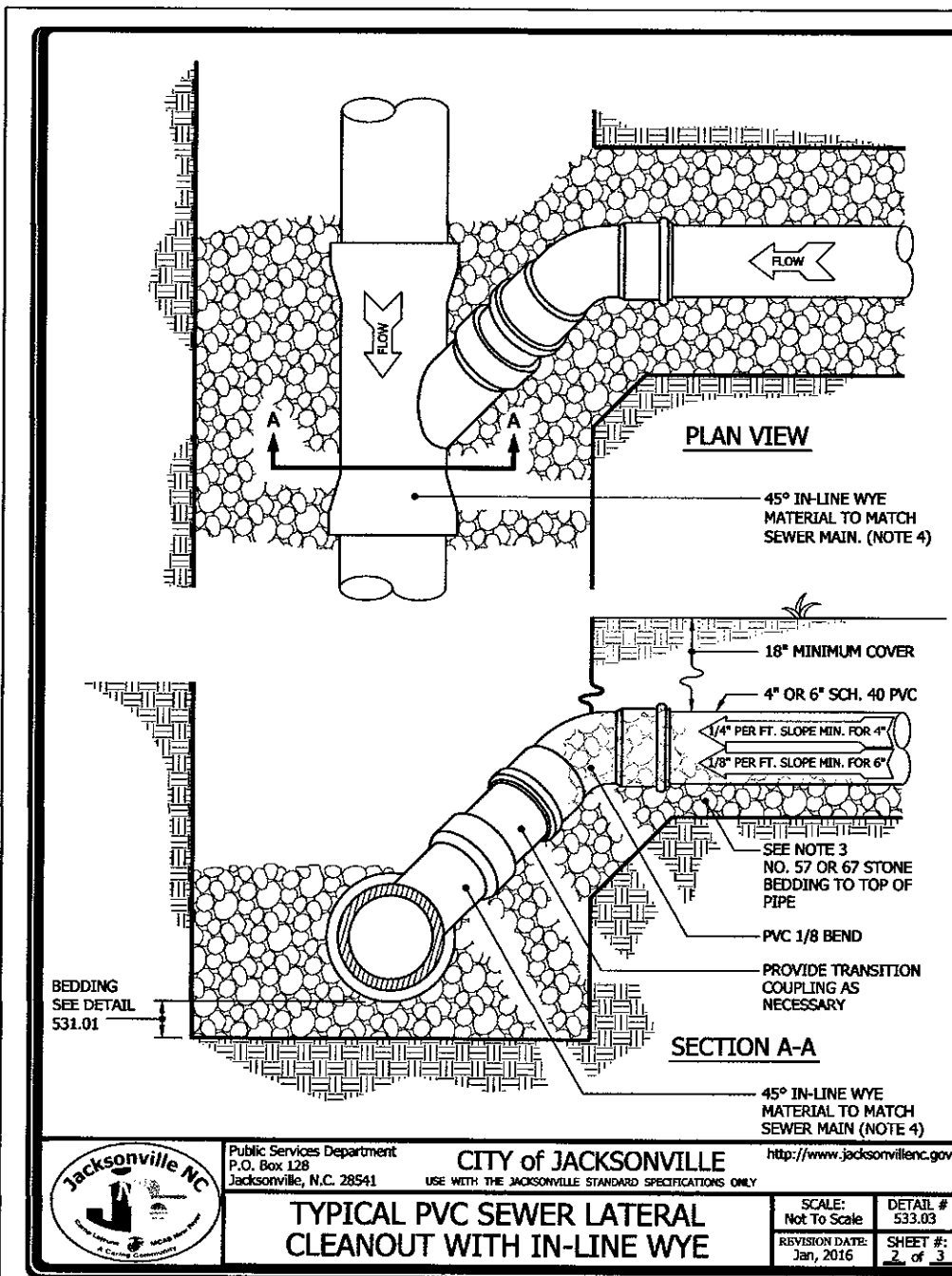
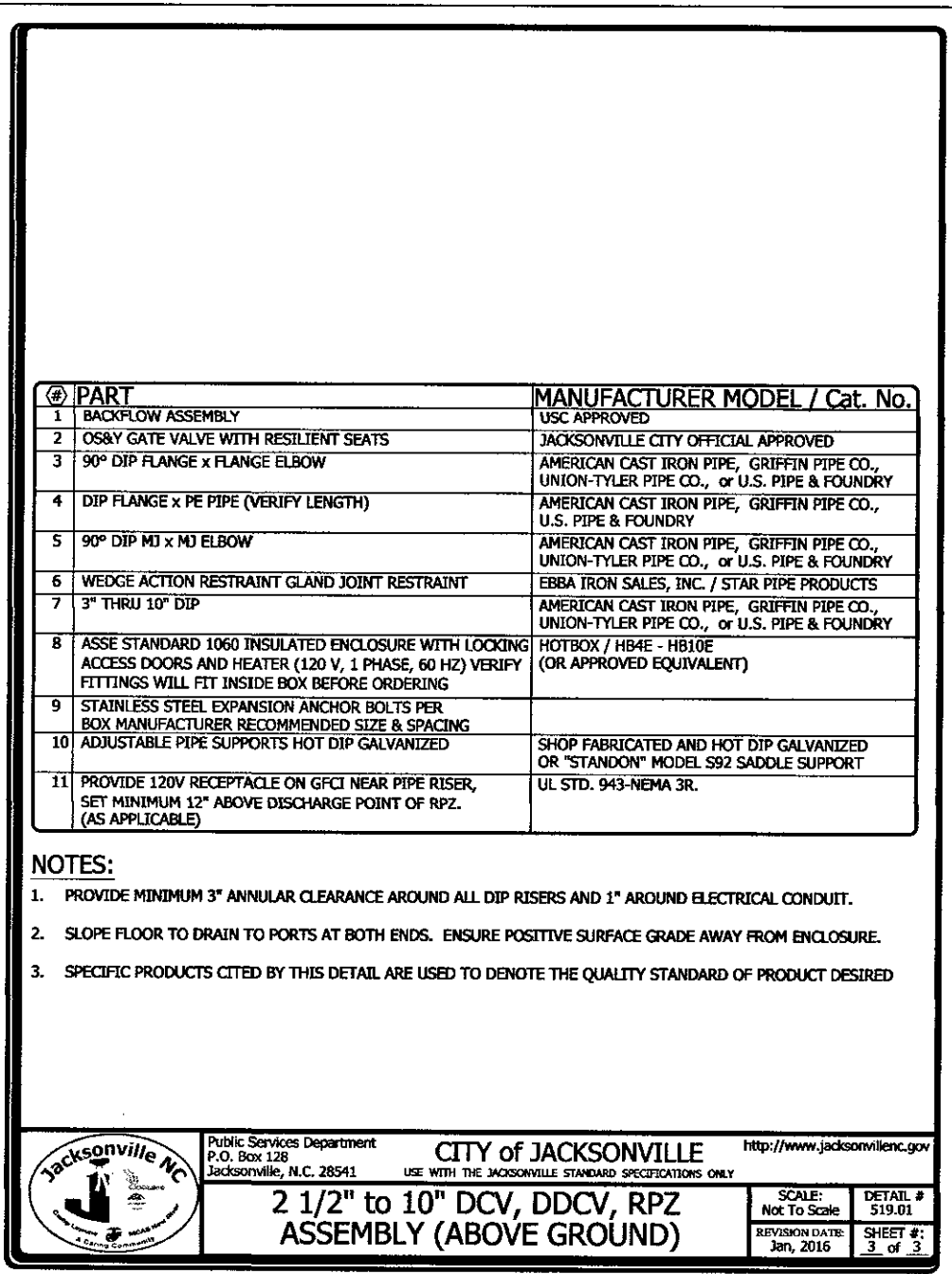
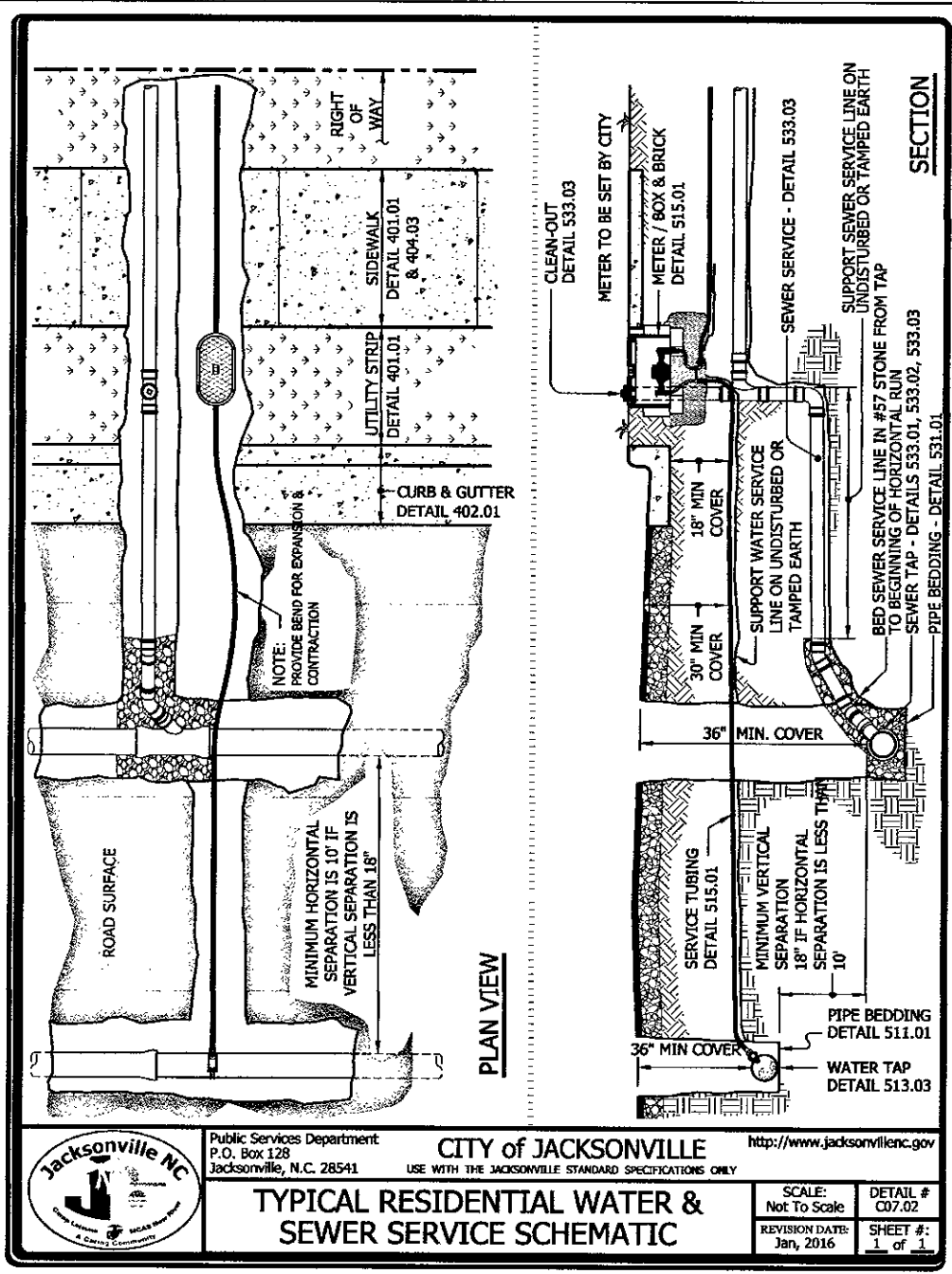
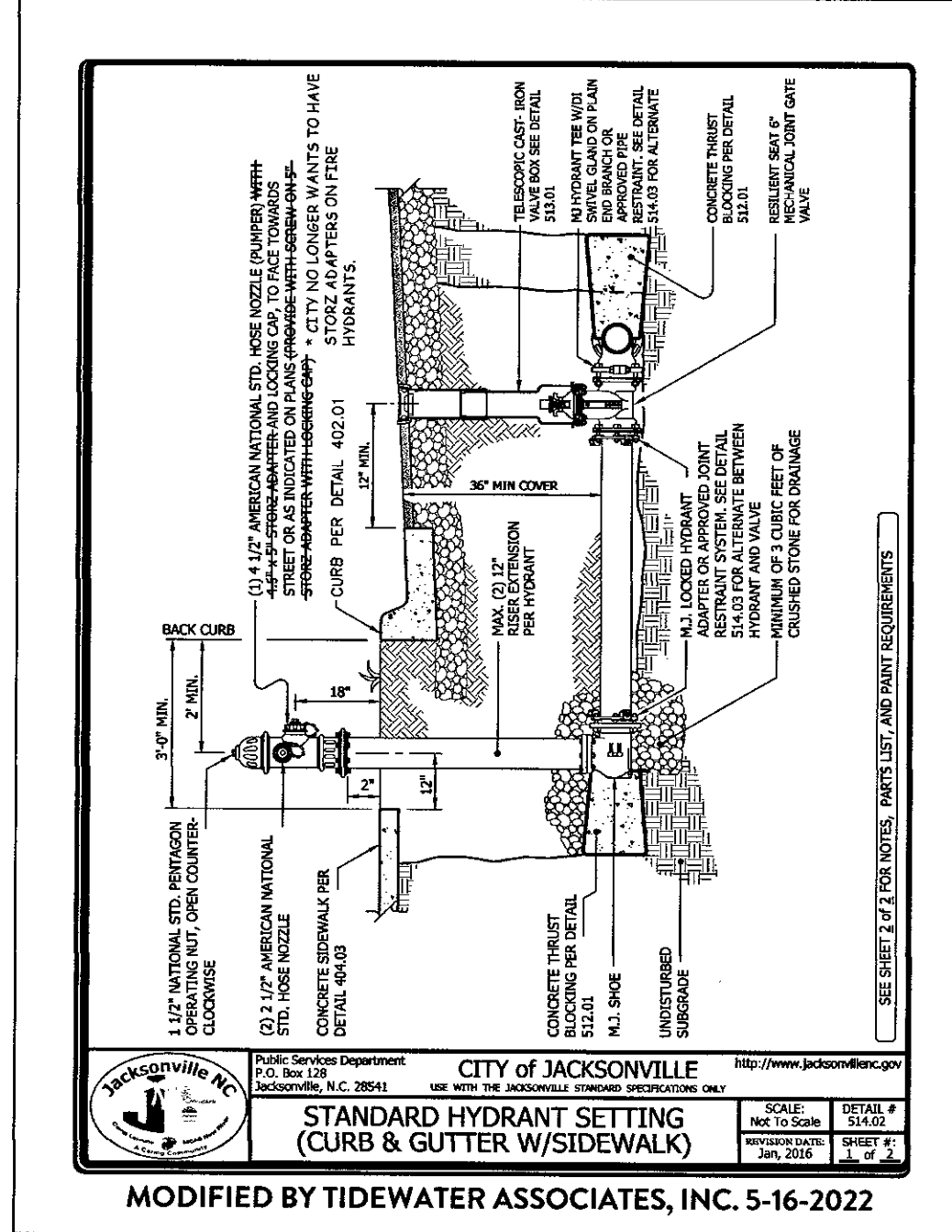
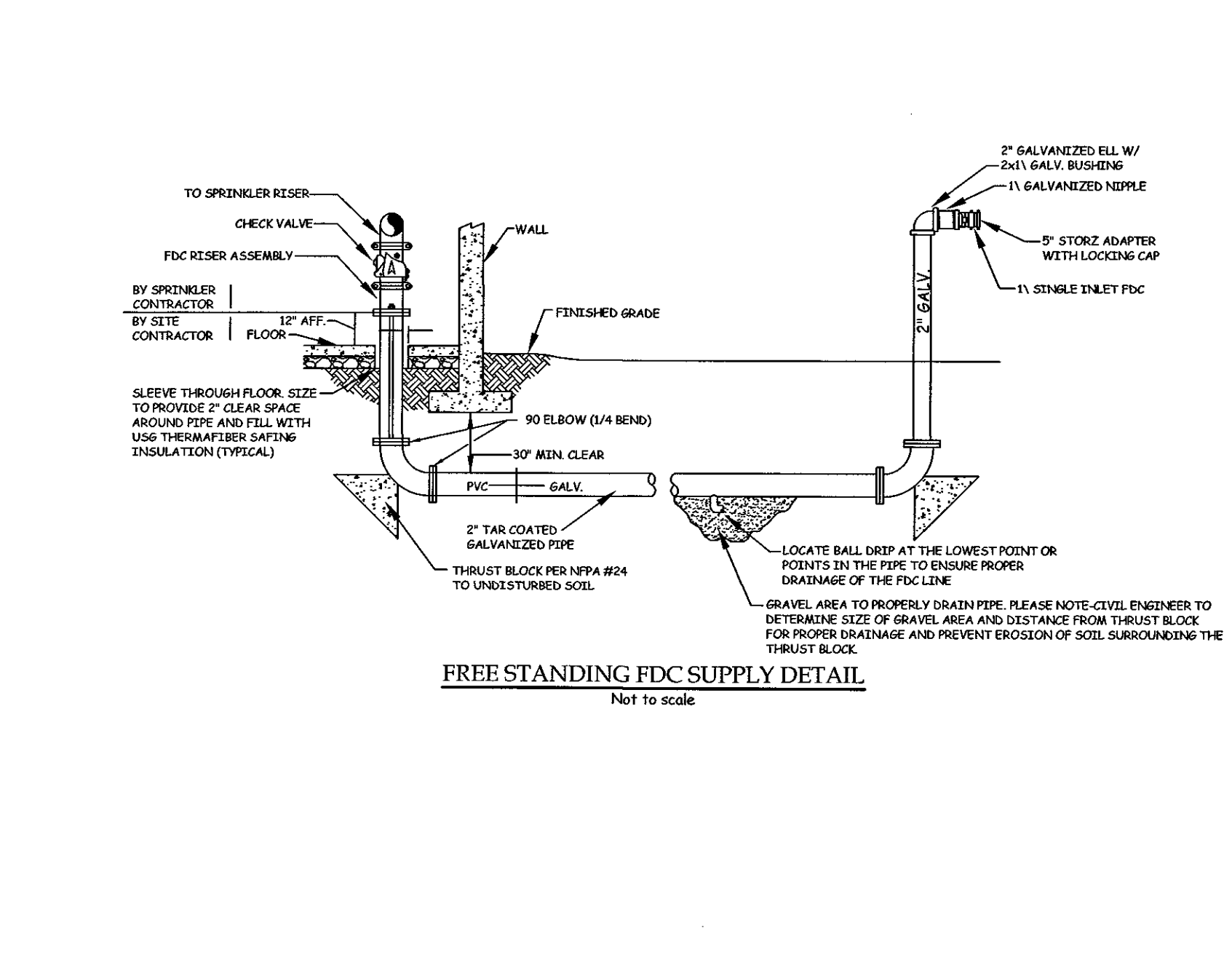
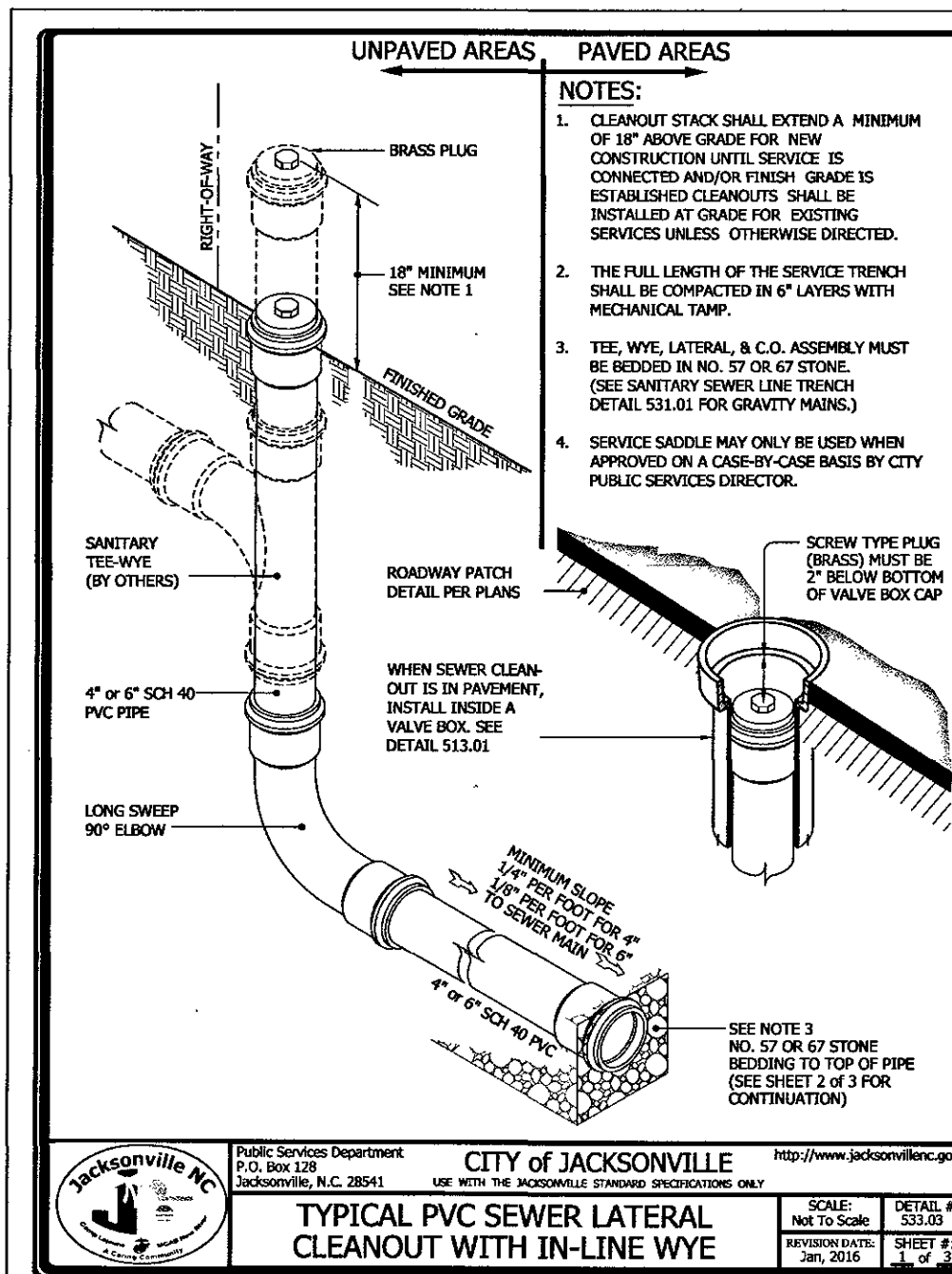
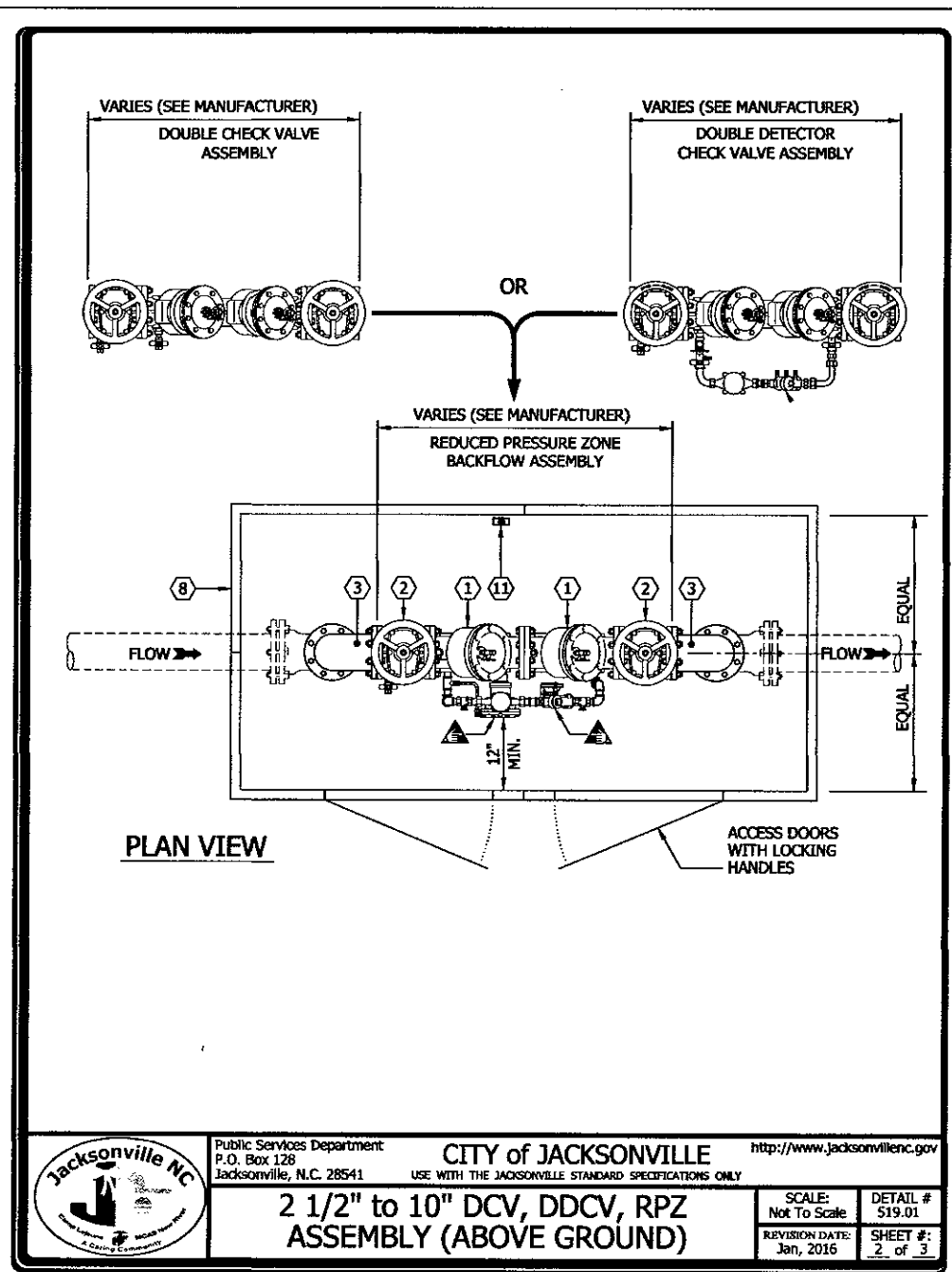
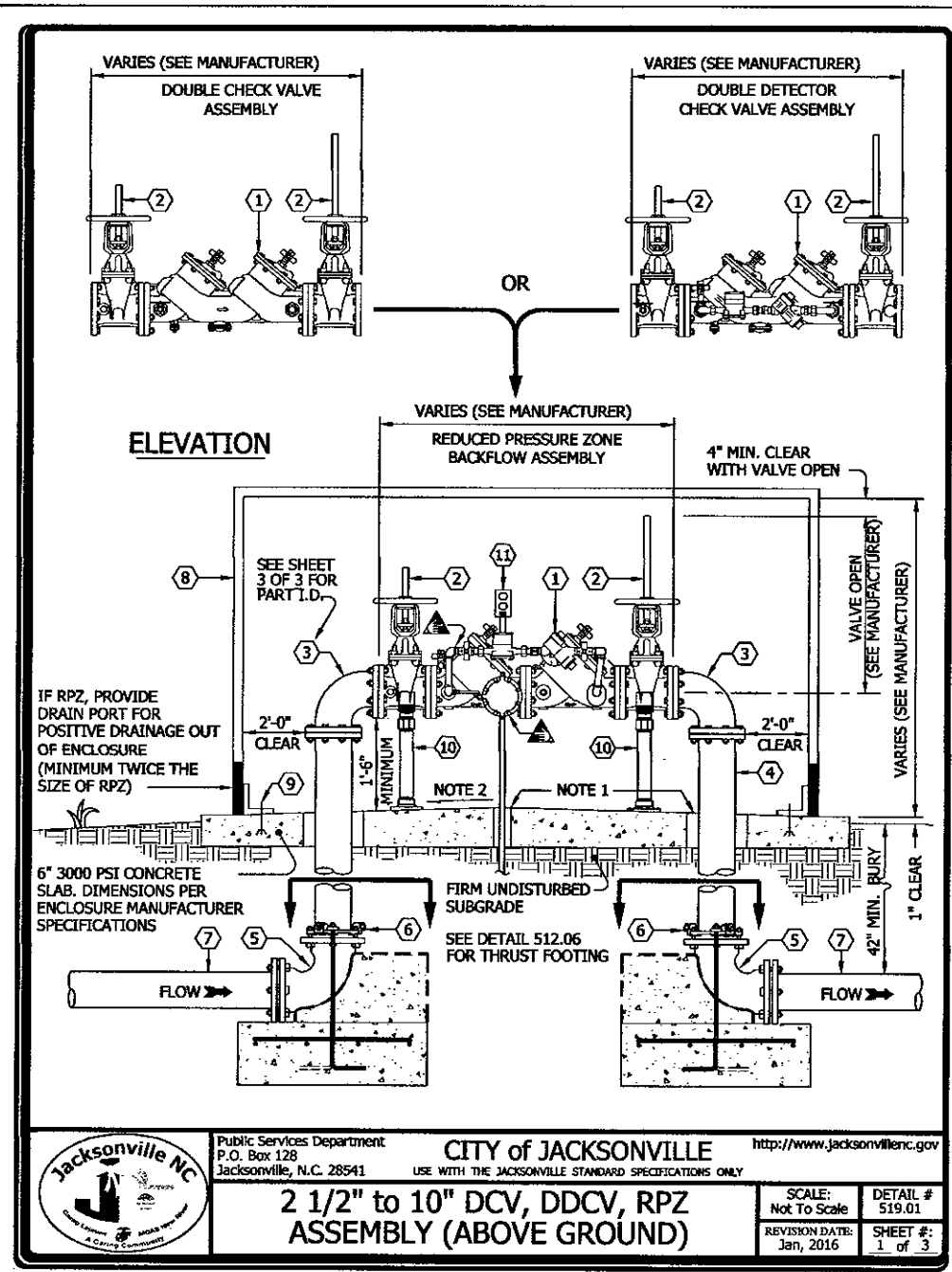
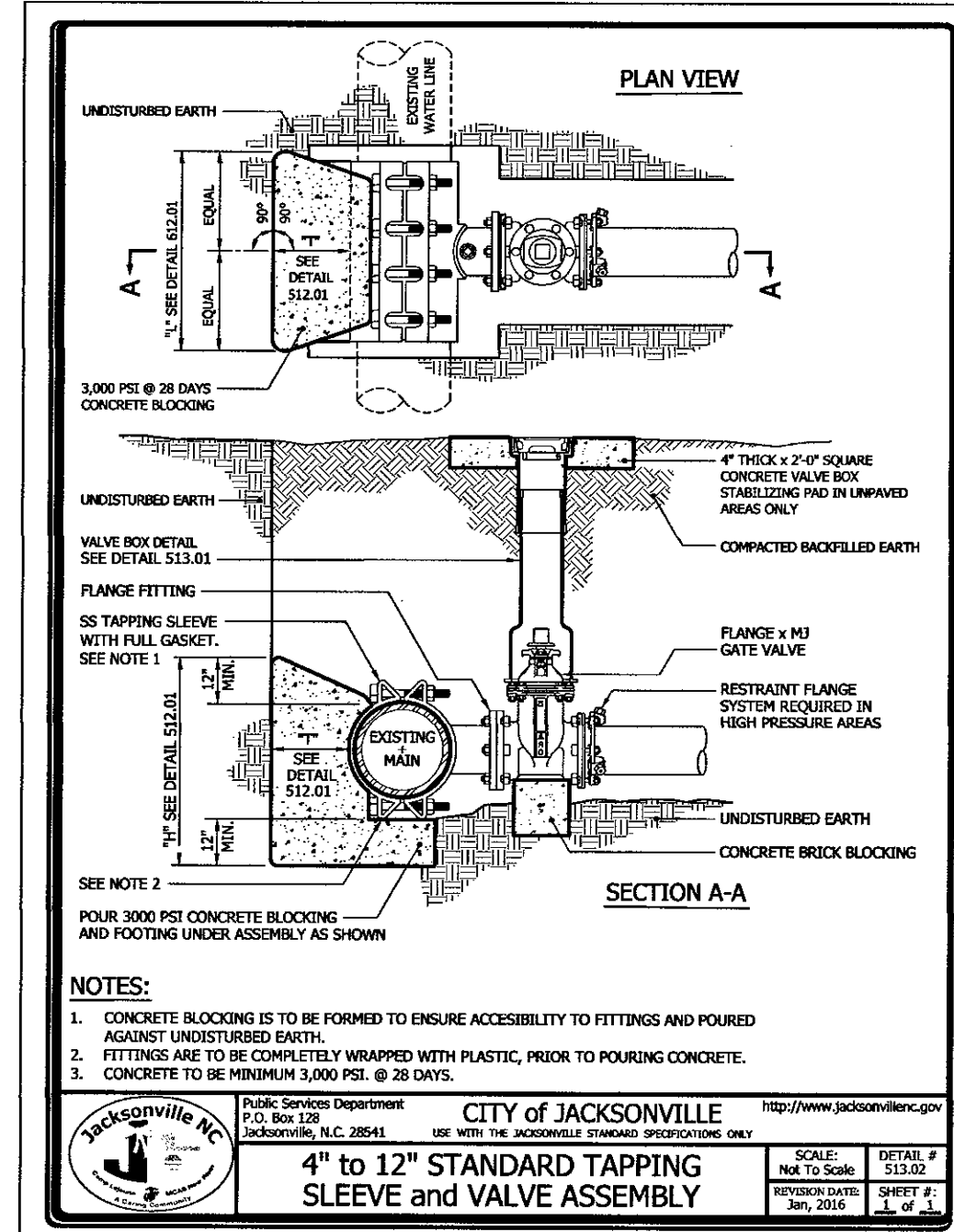
TIDEWATER ASSOCIATES, INC.

Consulting Engineers - Land Surveyors - Land Planners

Jacksonville, North Carolina
P.O. Box 976 - 306 New Bridge Street - 28540
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Firm License Number: F-0108







Water and Sewer Detail Sheet

CRESTFIELD POINT APARTMENTS

350 Blue Creek School Road
Jacksonville Twp., Onslow Co., North Carolina

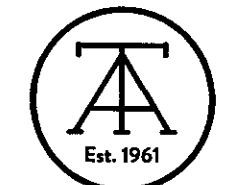
Owner:
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166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

Developer:
Carolina Statewide Development, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

DATE: 02/21/2022

SCALE: As Noted

TIDEWATER ASSOCIATES, INC.
Consulting Engineers - Land Surveyors - Land Planners
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Firm License Number: F-0108



PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION A: SELF-INSPECTION

Self-inspections are required during normal business hours in accordance with the table below. When adverse weather or site conditions would cause the safety of the inspection personnel to be in jeopardy, the inspection may be delayed until the next business day on which it is safe to perform the inspection. In addition, when a storm event of equal to or greater than 1.0 inch occurs outside of normal business hours, the self-inspection shall be performed upon the commencement of the next business day. Any time when inspections were delayed shall be noted in the inspection record.

Inspect	Frequency (during normal business hours)	Inspection records must include:
(1) Rain gauge maintained in good working order	Daily	Daily rainfall amounts. If no daily rain gauge observations are made during weekend or holiday periods, and no individual day rainfall information is available, record the cumulative rain measurement for those on as-needed days (and this will determine if a site inspection is needed). Days on which no rainfall occurred shall be recorded as "zero". The permittee may use another rain-measuring device approved by the Division.
(2) EESC Measures	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	1. Identification of the measures inspected. 2. Date and time of the inspection. 3. Name of the person performing the inspection. 4. Indication of whether the measures were operating properly. 5. Description of maintenance needs for the measure. 6. Description, evidence, and date of corrective actions taken.
(3) Stormwater discharge outfalls (SDOs)	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	1. Identification of the discharge outfalls inspected. 2. Date and time of the inspection. 3. Name of the person performing the inspection. 4. Evidence of indicators of stormwater pollution such as oil sheen, floating or suspended solids or discoloration. 5. Indication of visible sediment leaving the site. 6. Description, evidence, and date of corrective actions taken.
(4) Perimeter of site	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	If visible sedimentation is found outside site limits, then a record of the following shall be made: 1. Actions taken to clean up or stabilize the sediment that has left the site limits. 2. Description, evidence, and date of corrective actions taken, and 3. An explanation as to the actions taken to control future releases.
(5) Streams or wetlands onsite or offsite (where accessible)	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	If the stream or wetland has increased visible sedimentation or a stream has visible increased turbidity from the construction activity, then a record of the following shall be made: 1. Description, evidence, and date of corrective actions taken, and 2. Records of the required reports to the appropriate Division Regional Office (see Part III, Section C, Item (3)(c) of this permit).
(6) Ground stabilization measures	After each phase of grading	1. The phase of grading (installation of perimeter EESC measures, clearing and grubbing, installation of storm drainage facilities, completion of all land disturbing activity, construction or redevelopment, permanent ground cover). 2. Documentation that the required ground stabilization measures have been provided with the required timeframe or an assurance that they will be provided as soon as possible.

NOTE: The rain inspection resets the required 7 calendar day inspection requirement.

PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION B: RECORDKEEPING

1. EESC Plan Documentation

The approved EESC plan as well as any approved deviation shall be kept on the site. The approved EESC plan must be kept up-to-date throughout the coverage under this permit. The following items pertaining to the EESC plan shall be kept on site and available for inspection at all times during normal business hours.

Item to Document	Documentation Requirements
(a) Each EESC measure has been installed and does not significantly deviate from the locations, dimensions and relative elevations shown on the approved EESC plan.	Initial and date each EESC measure on a copy of the approved EESC plan or complete, date and sign an inspection report that lists each EESC measure shown on the approved EESC plan. This documentation is required upon the initial installation of the EESC measures or if the EESC measures are modified after initial installation.
(b) A phase of grading has been completed.	Initial and date a copy of the approved EESC plan or complete, date and sign an inspection report to indicate completion of the construction phase.
(c) Ground cover is located and installed in accordance with the approved EESC plan.	Initial and date a copy of the approved EESC plan or complete, date and sign an inspection report to indicate compliance with approved ground cover specifications.
(d) The maintenance and repair requirements for all EESC measures have been performed.	Complete, date and sign an inspection report.
(e) Corrective actions have been taken to EESC measures.	Initial and date a copy of the approved EESC plan or complete, date and sign an inspection report to indicate the completion of the corrective action.

2. Additional Documentation to be Kept on Site

In addition to the EESC plan documents above, the following items shall be kept on the site and available for inspectors at all times during normal business hours, unless the Division provides a site-specific exemption based on unique site conditions that make this requirement not practical:

(a) This General Permit as well as the Certificate of Coverage, after it is received.

(b) Records of inspections made during the previous twelve months. The permittee shall record the required observations on the Inspection Record Form provided by the Division or a similar inspection form that includes all the required elements. Use of electronically available records in lieu of the required paper copies will be allowed if shown to provide equal access and utility as the hard-copy records.

3. Documentation to be Retained for Three Years

All data used to complete the e-NOI and all inspection records shall be maintained for a period of three years after project completion and made available upon request. [40 CFR 122.41]

PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION C: REPORTING

1. Occurrences that Must be Reported

Permittees shall report the following occurrences:

(a) Visible sediment deposition in a stream or wetland.

(b) Oil spills if:

- They are 25 gallons or more,
- They are less than 25 gallons but cannot be cleaned up within 24 hours,
- They cause sheen on surface waters (regardless of volume), or
- They are within 100 feet of surface waters (regardless of volume).

(c) Releases of hazardous substances in excess of reportable quantities under Section 311 of the Clean Water Act (Ref: 40 CFR 110.3 and 40 CFR 117.3) or Section 102 of CERCLA (Ref: 40 CFR 302.4) or G.S. 143-215.85.

(d) Anticipated bypasses and unanticipated bypasses.

(e) Noncompliance with the conditions of this permit that may endanger health or the environment.

2. Reporting Timeframes and Other Requirements

After a permittee becomes aware of an occurrence that must be reported, he shall contact the appropriate Division regional office within the timeframes and in accordance with the other requirements listed below. Occurrences outside normal business hours may also be reported to the Department's Environmental Emergency Center personnel at (800) 858-0368.

Occurrence	Reporting Timeframes (After Discovery) and Other Requirements
(a) Visible sediment deposition in a stream or wetland	<ul style="list-style-type: none"> Within 24 hours, an oral or electronic notification. Within 7 calendar days, a report that contains a description of the sediment and actions taken to address the cause of the deposition. Division staff may waive the requirement for a written report on a case-by-case basis. If the stream is named on the NC 303(d) list as impaired for sediment-related causes, the permittee may be required to perform additional monitoring, inspections or apply more stringent practices if staff determine that additional requirements are needed to assure compliance with the federal or state impaired waters conditions.
(b) Oil spills and release of hazardous substances per item 1(b)-(c) above	<ul style="list-style-type: none"> Within 24 hours, an oral or electronic notification. A report at least ten days before the date of the bypass, if possible. The report shall include an evaluation of the anticipated quality and effect of the bypass.
(c) Anticipated bypasses (40 CFR 122.41(m)(3))	<ul style="list-style-type: none"> Within 24 hours, an oral or electronic notification. Within 7 calendar days, a report that includes an evaluation of the quality and effect of the bypass.
(d) Unanticipated bypasses (40 CFR 122.41(m)(3))	<ul style="list-style-type: none"> Within 24 hours, an oral or electronic notification. Within 7 calendar days, a report that contains a description of the noncompliance, and its causes; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time noncompliance is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. [40 CFR 122.41(b)]. Division staff may waive the requirement for a written report on a case-by-case basis.



NCG01 SELF-INSPECTION, RECORDKEEPING AND REPORTING

EFFECTIVE: 04/01/19

GROUND STABILIZATION AND MATERIALS HANDLING PRACTICES FOR COMPLIANCE WITH THE NCG01 CONSTRUCTION GENERAL PERMIT

Implementing the details and specifications on this plan sheet will result in the construction activity being considered compliant with the Ground Stabilization and Materials Handling sections of the NCG01 Construction General Permit (Sections E and F, respectively). The permittee shall comply with the Erosion and Sediment Control plan approved by the delegated authority having jurisdiction. All details and specifications shown on this sheet may not apply depending on site conditions and the delegated authority having jurisdiction.

SECTION E: GROUND STABILIZATION

Site Area Description	Required Ground Stabilization Timeframes	Timeframe variations
(a) Perimeter dikes, swales, ditches, and perimeter slopes	Stabilize within this many calendar days after ceasing land disturbance	None
(b) High Quality Water (HQW) Zones	7	None
(c) Slopes steeper than 3:1	7	If slopes are 10' or less in length and are not steeper than 2:1, 14 days are allowed.
(d) Slopes 3:1 to 4:1	14	7 days for slopes greater than 50' in length and with slopes steeper than 4:1 7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones 10 days for Falls Lake Watershed
(e) Areas with slopes flatter than 4:1	14	7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones 10 days for Falls Lake Watershed unless there is zero slope

Note: After the permanent cessation of construction activities, any areas with temporary ground stabilization shall be converted to permanent ground stabilization as soon as practicable but in no case longer than 90 calendar days after the last land disturbing activity. Temporary ground stabilization shall be maintained in a manner to render the surface stable against accelerated erosion until permanent ground stabilization is achieved.

GROUND STABILIZATION SPECIFICATION

Stabilize the ground sufficiently so that rain will not dislodge the soil. Use one of the techniques in the table below:

Temporary Stabilization	Permanent Stabilization
<ul style="list-style-type: none"> Temporary grass seed covered with straw or other mulches and tackifiers Hydroseeding Rollled erosion control products with or without temporary grass seed Appropriately applied straw or other mulch Plastic sheeting 	<ul style="list-style-type: none"> Permanent grass seed covered with straw or other mulches and tackifiers Geotextile fabrics such as permanent soil reinforcement matting Hydroseeding Straw or other permanent plantings covered with mulch Uniform and evenly distributed ground cover sufficient to restrain erosion Structural methods such as concrete, asphalt or retaining walls Rollled erosion control products with grass seed

POLYACRYLAMIDES (PAMS) AND FLOCCULANTS

- Select flocculants that are appropriate for the soils being exposed during construction, selecting from the NC DWR List of Approved PAMS/Flocculants.
- Apply flocculants at or before the inlets to Erosion and Sediment Control Measures.
- Apply flocculants at the concentrations specified in the NC DWR List of Approved PAMS/Flocculants and in accordance with the manufacturer's instructions.
- Provide ponding area for containment of treated Stormwater before discharging offsite.
- Store flocculants in leak-proof containers that are kept under storm-resistant cover or surrounded by secondary containment structures.

EQUIPMENT AND VEHICLE MAINTENANCE

- Maintain vehicles and equipment to prevent discharge of fluids.
- Provide drip pans under any stored equipment.
- Identify leaks and repair as soon as feasible, or remove leaking equipment from the project.
- Collect all spent fluids, store in separate containers and properly dispose as hazardous waste (recycle when possible).
- Remove leaking vehicles and construction equipment from service until the problem has been corrected.
- Bring used fuels, lubricants, coolants, hydraulic fluids and other petroleum products to a recycling or disposal center that handles these materials.

LITTER, BUILDING MATERIAL AND LAND CLEARING WASTE

- Never bury or burn waste. Place litter and debris in approved waste containers.
- Provide a sufficient number and size of waste containers (e.g. dumpster, trash receptacle) on site to contain construction and domestic wastes.
- Locate waste containers at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
- Locate waste containers on areas that do not receive substantial amounts of runoff from upland areas and does not drain directly to a storm drain, stream or wetland.
- Cover waste containers at the end of each workday and before storm events or provide secondary containment. Repair or replace damaged waste containers.
- Anchor all lightweight items in waste containers during times of high winds.
- Empty waste containers as needed to prevent overflow. Clean up immediately if containers overflow.
- Dispose waste off-site at an approved disposal facility.
- On business days, clean up and dispose of waste in designated waste containers.

PAINT AND OTHER LIQUID WASTE

- Do not dump paint and other liquid waste into storm drains, streams or wetlands.
- Locate paint washouts at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
- Contain liquid wastes in a controlled area.
- Containment must be labeled, sized and placed appropriately for the needs of site.
- Prevent the discharge of soaps, solvents, detergents and other liquid wastes from construction sites.

PORTABLE TOILETS

- Install portable toilets on level ground, at least 50 feet away from storm drains, streams or wetlands unless there is no alternative reasonably available. If 50 foot offset is not attainable, provide relocation of portable toilet behind silt fence or place on a gravel pad and surround with sand bags.
- Provide staking or anchoring of portable toilets during periods of high winds or in high foot traffic areas.
- Monitor portable toilets for leaking and properly dispose of any leaked material. Utilize a licensed sanitary waste hauler to remove leaking portable toilets and replace with properly operating unit.

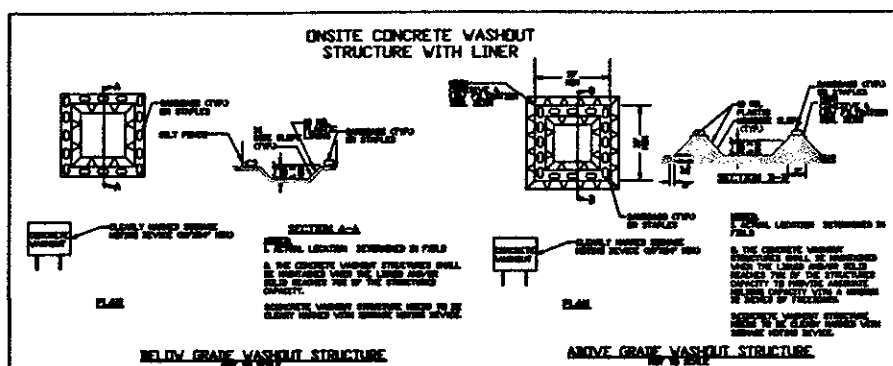
EARTHEN STOCKPILE MANAGEMENT

- Show stockpile locations on plans. Locate earthen-material stockpile areas at least 50 feet away from storm drain inlets, sediment basins, perimeter sediment controls and surface waters unless it can be shown no other alternatives are reasonably available.
- Protect stockpile with silt fence installed along toe of slope with a minimum offset of five feet from the toe of stockpile.
- Provide stable stone access point when feasible.
- Stabilize stockpile within the timeframes provided on this sheet and in accordance with the approved plan and any additional requirements. Soil stabilization is defined as vegetative, physical or chemical coverage techniques that will restrain accelerated erosion on disturbed soils for temporary or permanent control needs.



NCG01 GROUND STABILIZATION AND MATERIALS HANDLING

EFFECTIVE: 04/01/19



CONCRETE WASHOUTS

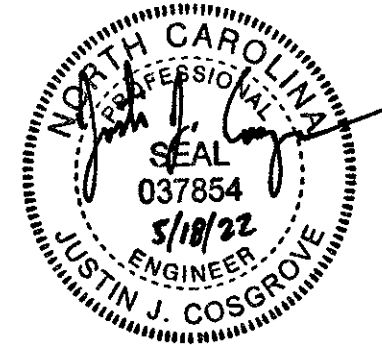
- Do not discharge concrete or cement slurry from the site.
- Dispose of, or recycle settled, hardened concrete residue in accordance with local and state solid waste regulations and at an approved facility.
- Manage washout from mortar mixers in accordance with the above item and in addition place the mixer and associated materials on impervious barrier and within lot perimeter silt fence.
- Install temporary concrete washouts per local requirements, where applicable. If an alternate method or product is to be used, contact your approval authority for review and approval. If local standard details are not available, use one of the two types of temporary concrete washouts provided on this detail.
- Do not use concrete washouts for dewatering or storing defective curb or sidewalk sections. Stormwater accumulated within the washout may not be pumped into or discharged to the storm drain system or receiving surface waters. Liquid waste must be pumped out and removed from project.
- Locate washouts at least 50 feet from storm drain inlets and surface waters unless it can be shown that no other alternatives are reasonably available. At a minimum, install protection of storm drain inlet(s) closest to the washout which could receive spills or overflow.
- Locate washouts in an easily accessible area, on level ground and install a stone entrance pad in front of the washout. Additional controls may be required by the approving authority.
- Install at least one sign directing concrete trucks to the washout within the project limits. Post signage on the washout itself to identify this location.
- Remove leavings from the washout when at approximately 75% capacity to limit overflow events. Replace the tarp, sand bags or other temporary structural components when no longer functional. When utilizing alternative or proprietary products, follow manufacturer's instructions.
- At the completion of the concrete work, remove remaining leavings and dispose of in an approved disposal facility. Fill pit, if applicable, and stabilize any disturbance caused by removal of washout.

HERBICIDES, PESTICIDES AND RODENTICIDES

- Store and apply herbicides, pesticides and rodenticides in accordance with label restrictions.
- Store herbicides, pesticides and rodenticides in their original containers with the label, which lists directions for use, ingredients and first aid steps in case of accidental poisoning.
- Do not store herbicides, pesticides and rodenticides in areas where flooding is possible or where they may spill or leak into wells, stormwater drains, ground water or surface water. If a spill occurs, clean area immediately.
- Do not stockpile these materials onsite.

HAZARDOUS AND TOXIC WASTE

- Create designated hazardous waste collection areas on-site.
- Place hazardous waste containers under cover or in secondary containment.
- Do not store hazardous chemicals, drums or bagged materials directly on the ground.



NCG01 Detail Sheet

CRESTFIELD POINT APARTMENTS

350 Blue Creek School Road
Jacksonville Twp., Onslow Co., North Carolina

Owner:
East Point Homes, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

Developer:
Carolina Statewide Development, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

DATE: 02/21/2022

SCALE: Not to Scale

TIDEWATER ASSOCIATES, INC.

Consulting Engineers - Land Surveyors - Land Planners
Jacksonville, North Carolina
P.O. Box 976 - 306 New Bridge Street - 28540
Phone (910) 455-2414 - www.TidewaterENC.com
Firm License Number: F-0108



EXHIBIT B

FEMA FIRM

USFWS NWI Map

USACE JD Application

National Flood Hazard Layer FIRMette



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
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
MAP PANELS		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
		Digital Data Available
		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 **8/28/2019 at 1:11:49 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

34°45'12.81"N



USGS The National Map: Orthoimagery, Data refreshed April, 2019.

0 250 500 1,000 1,500 2,000 Feet 1:6,000

34°44'43.25"N

77°28'1.22"W



Not to Scale

FIGURE 15: WETLANDS

Source: NPS Maps ArcGIS



Proposed Crestfield Point Apartments
Blue creek School Road
Jacksonville, North Carolina



ASE Project No. 1516
January 2022

Jurisdictional Determination Request

A. PARCEL INFORMATION

Street Address: _____

City, State: _____

County: _____

Parcel Index Number(s) (PIN): _____

B. REQUESTOR INFORMATION

Name: _____

Mailing Address: _____

Telephone Number: _____

Electronic Mail Address: _____

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. _____

C. PROPERTY OWNER INFORMATION²

Name: _____

Mailing Address: _____

Telephone Number: _____

Electronic Mail Address: _____

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.

James E. Maides

Print Name

Capacity: ☒ Owner ☐ Authorized Agent⁵

6/11/2022

Date

[Signature]
Signature

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: _____

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

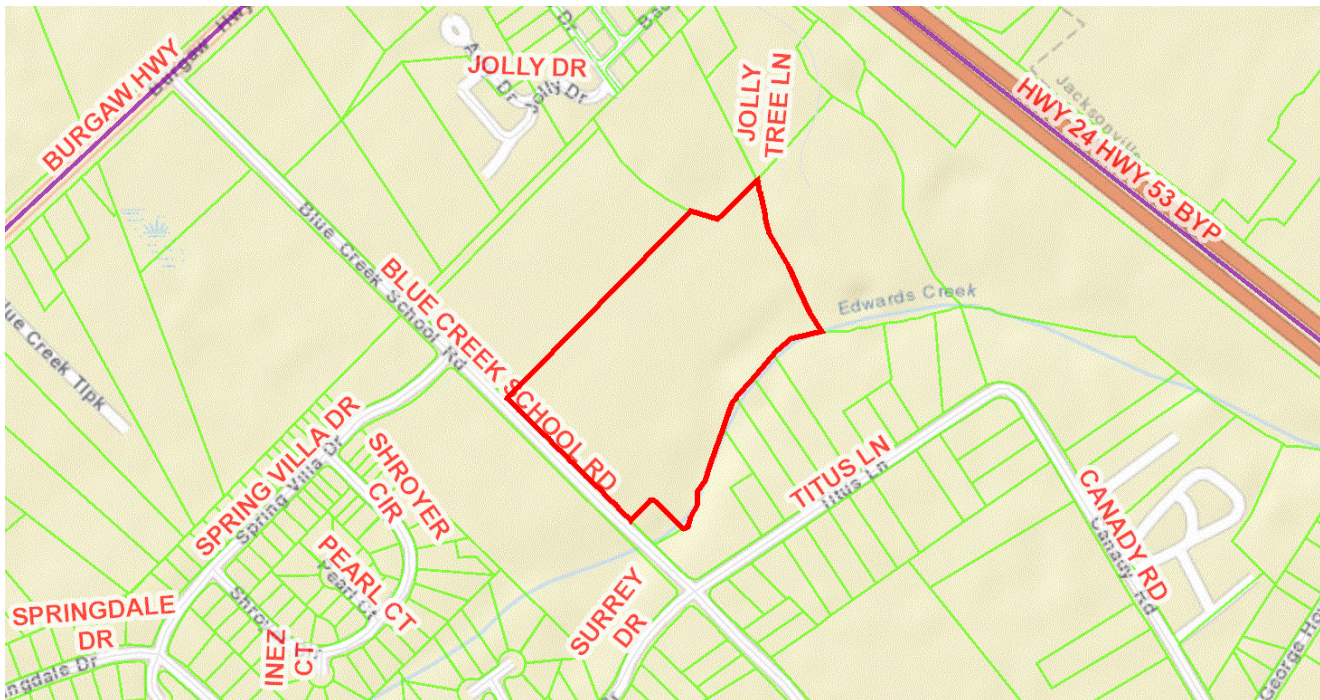
⁸ Please see <http://www.saw.usace.army.mil/Missions/Regulatory-Permit-Program/Jurisdiction/>

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 USACE 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.

Parcel ID	Map Number
005050	332-88
Owner Name	Owner Mailing Address
EAST POINT HOMES LLC	166 CENTER ST JACKSONVILLE NC 28546-5707



General Information

Acres	15.99	Property Description	L2 EAST POINT HOMES LLC
Physical Address	350 BLUE CREEK SCHOOL RD	Subdivision	EAST POINT HOMES LLC
Neighborhood Code	2040	City Limit	UNINCORPORATED ONSLOW
Plat Book & Page	78-042	NC PIN	435612963919
Township	JACKSONVILLE	Improvement Code	V
Building Value	\$0.00	Land Value	\$313,950.00
Assessed Value	\$313,950.00	Total Taxed Value	\$313,950.00
Heated Square Feet		Year Built	
Number of Bedrooms			

Last Sale

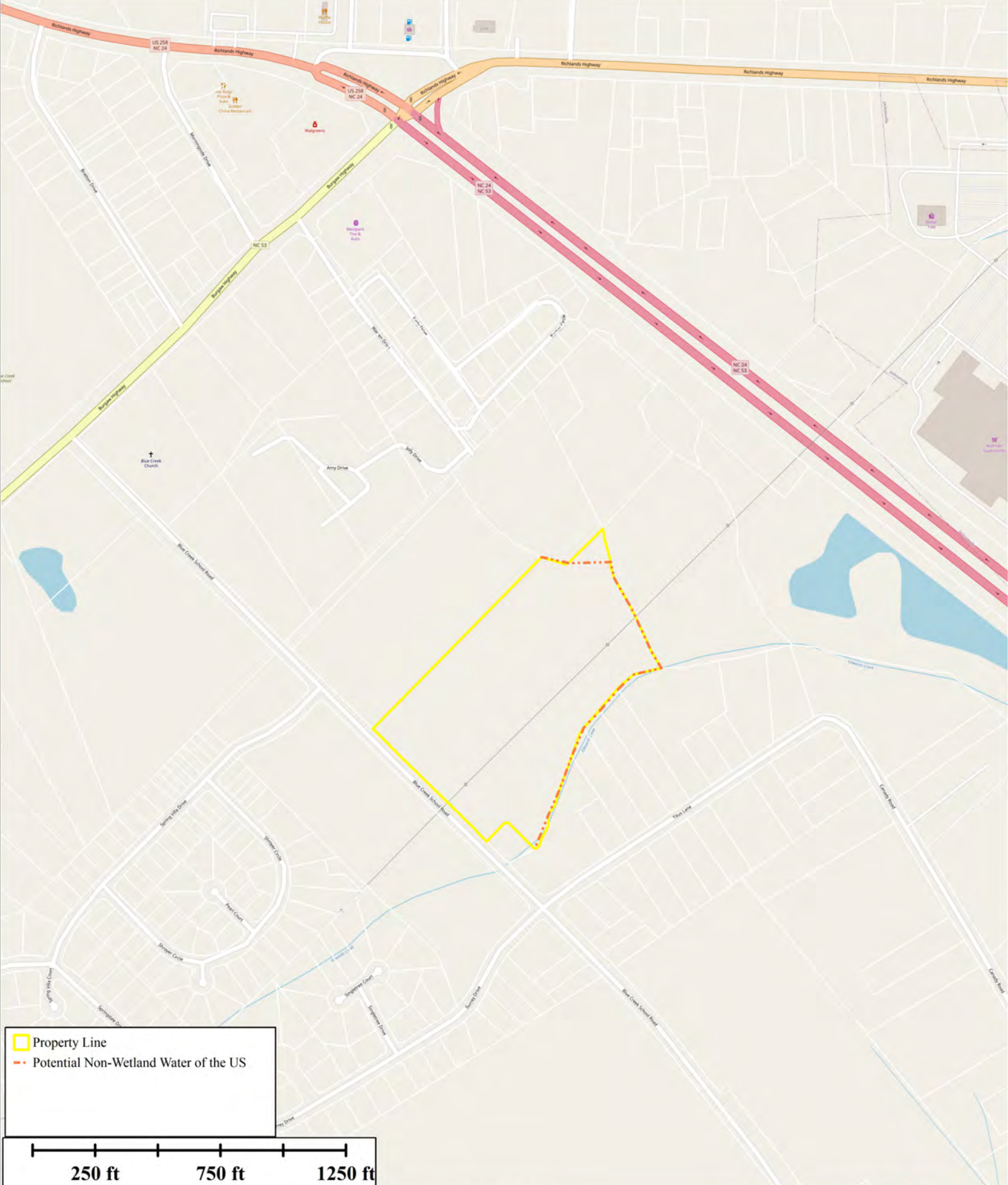
Date	Price	Book	Page
08-MAR-18	\$435,000.00	4747	545



Onslow County
Geographical Information
Services-GIS
234 NW Corridor Blvd.
Jacksonville, NC 28540

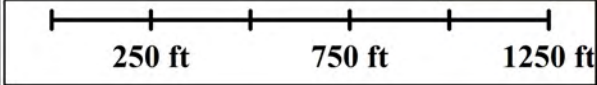
WARNING: THIS IS NOT A SURVEY.

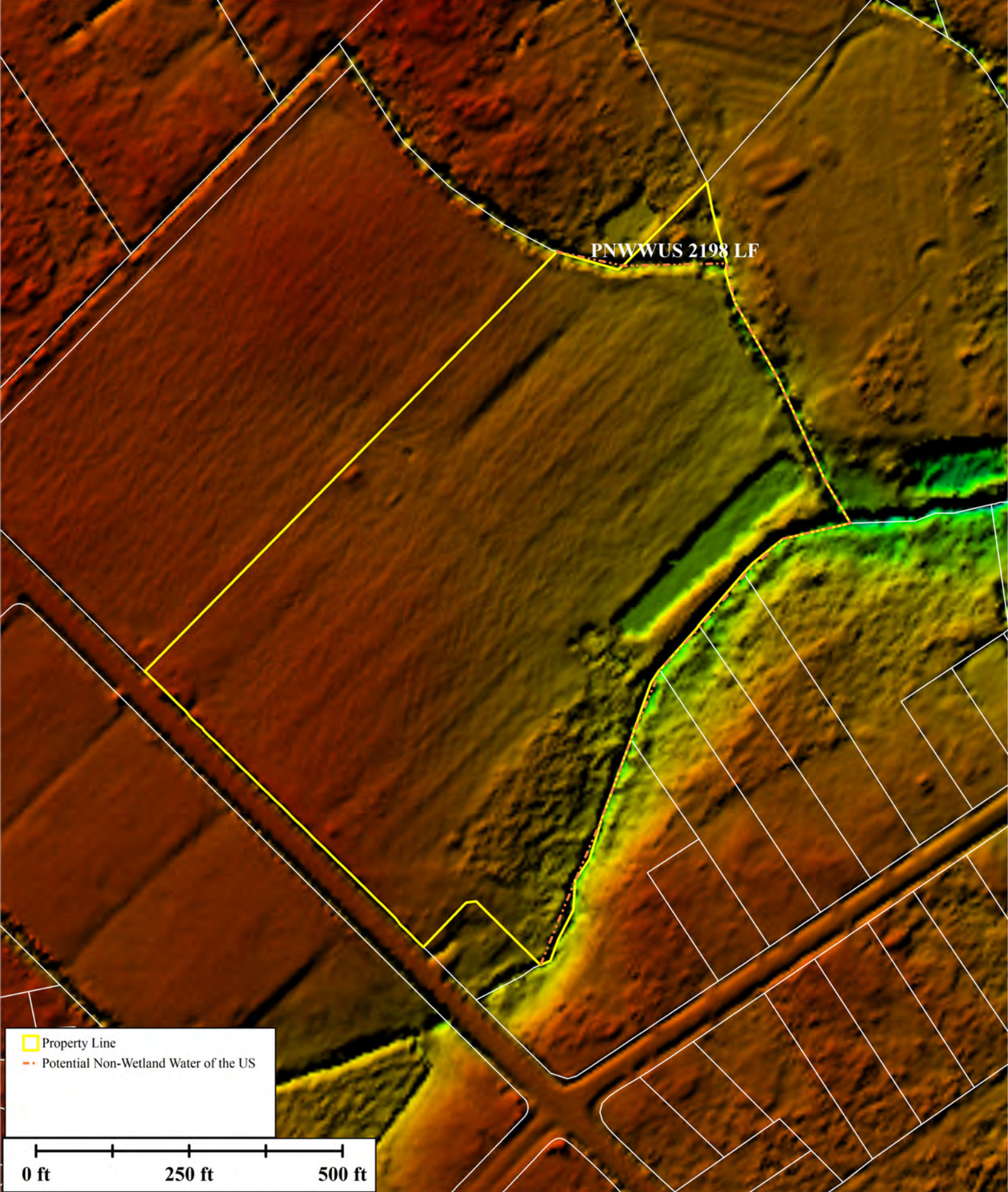
This map is prepared for the inventory of real property found within this jurisdiction, and is compiled from recorded deeds, plats, and other public records and data. Users of this map are hereby notified that the aforementioned public primary information sources should be consulted for verification of the information contained on this map. The County and mapping company assume no legal responsibility for the information contained on this map.



Property Line

Potential Non-Wetland Water of the US

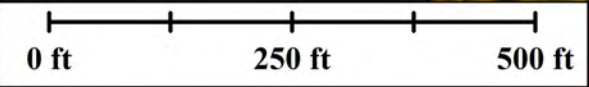




PNWWUS 2198 LF

Property Line

Potential Non-Wetland Water of the US



Map Source: 2014 QL2 LiDAR Dem

LiDAR Map
Blue Creek Rd Tract
Jacksonville, Onslow Co., N.C.
06/20/2022 022-124.01





Map Source: USA Topo Maps

Topo Map
Blue Creek Rd Tract
Jacksonville, Onslow Co., N.C.
06/20/2022 022-124.01

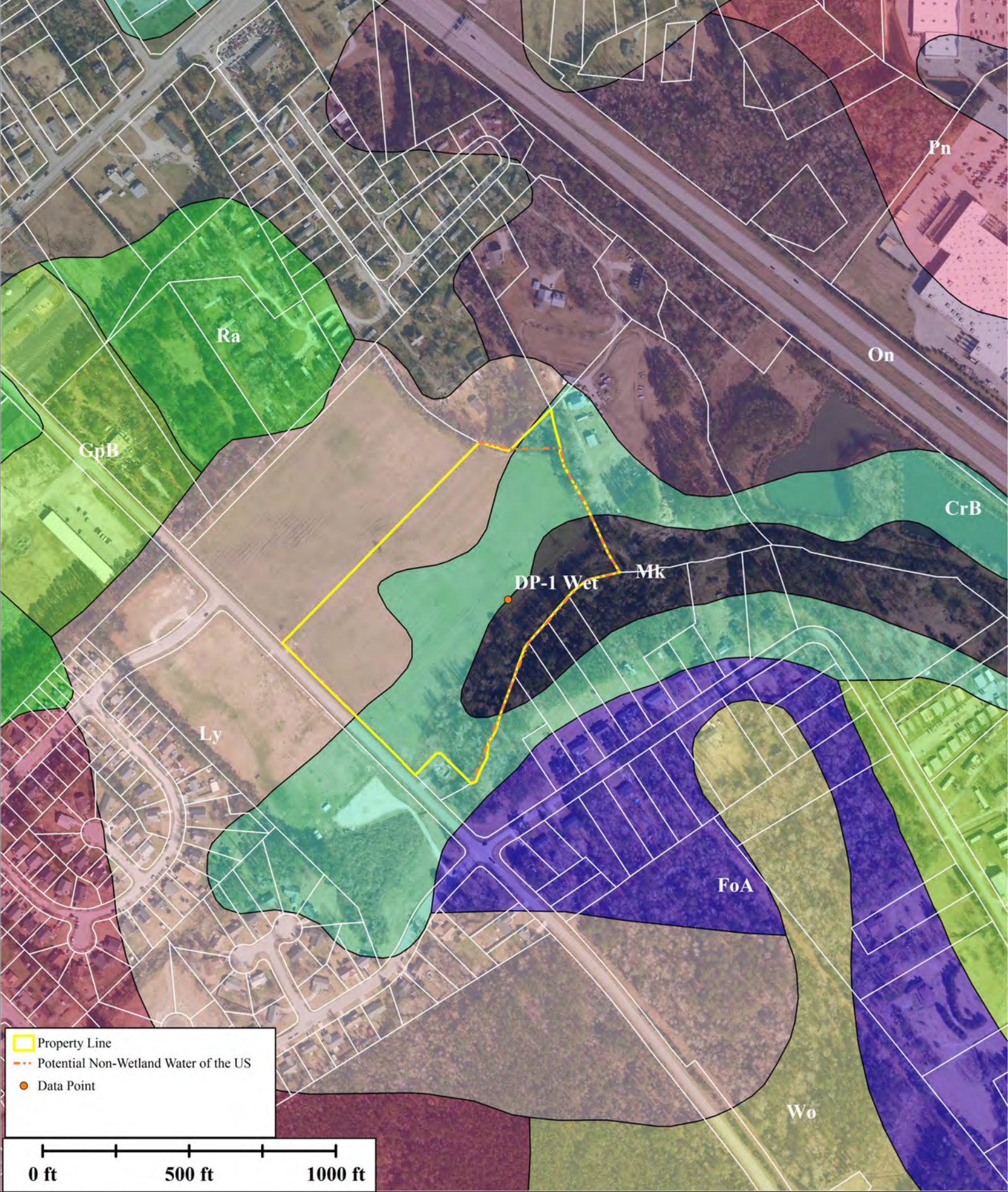




Map Source: 2019 NC Statewide Orthoimagery

Field Sketch
Blue Creek Rd Tract
Jacksonville, Onslow Co., N.C.
06/20/2022 022-124.01





Map Source: 2019 NC Statewide Orthoimagery
Web Soil Survey: SSURGO Data

Soils Map
Blue Creek Rd Tract
Jacksonville, Onslow Co., N.C.
06/20/2022 022-124.01



EXHIBIT C

Mitigation Measures from NCORR Environmental Assessment

CRESTFIELD POINT APARTMENTS – ENVIRONMENTAL ASSESSMENT

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

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

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

This review does not address all federal, state, and local requirements. Acceptance of federal funding requires recipient to comply with all federal, state and local laws. Failure to obtain all appropriate federal, state, and local environmental permits and clearances may jeopardize federal funding. Guidelines, recommendations, and requirements identified during 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 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.
Noise Abatement and Control	Short-term construction work will adhere to local noise control standards/regulations. Construction noise will be limited to daytime hours, Monday through Friday, except

CRESTFIELD POINT APARTMENTS – ENVIRONMENTAL ASSESSMENT

<p>Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B</p> <p>Hazards and Nuisances including Site Safety and Noise</p>	<p>in emergency situations. Construction equipment will be required to meet local sound control requirements.</p> <p><i>See also the Clean Air Act section's mitigation measures.</i></p>
<p>Wetlands Protection</p> <p>Executive Order 11990, particularly sections 2 and 5</p> <p>Unique Natural Features, Water Resources</p>	<p>24 CFR 55.12(c)(7) requirements will be complied with. Proposed project construction and landscaping activities shall not occupy or modify the wetland. Appropriate provision shall be made for site drainage to not have an adverse effect on the wetland. Further, a permanent restrictive covenant shall be placed on the property's continued use to preserve the wetland. The Developer agrees that no ground disturbance (either temporary or permanent) will occur in the wetland. The Developer further agrees to record a restrictive covenant on the wetlands area within 60 days of site acquisition.</p> <p>Developer will schedule a site visit with NC DEQ DWR CWA Section 401 water quality staff to discuss the proposal and to ensure compliance will be maintained per Section 401 Surface Water requirements and surface water standards. If wetland, riparian buffers or stream impacts are proposed, this proposed project will need to secure and comply with a Section 404 permit from USACE, obtain a Section 401 Water Quality Certification authorization, and a riparian buffer authorization as applicable. In addition, compliance with the 15A NCAC 02H .0500 T15 Certifications are required if construction or operation of facilities will result in a discharge into navigable water as described in 33 CFR part 323.” NC DEQ DWR and USACE shall be contacted for a jurisdictional determination and whether permit(s) and/ or mitigation is required.</p> <p>Sedimentation and erosion control must be addressed in accordance with Jacksonville 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. Further, the proposed project will comply with 15A NCAC 2H 1000 State Stormwater Permitting Programs that regulate site development and post-construction stormwater runoff control. The</p>

CRESTFIELD POINT APARTMENTS – ENVIRONMENTAL ASSESSMENT

	<p>proposed project will have a stormwater permit and a SWPPP. The proposed project construction and improvements will not be located in HUD-defined wetlands. BMPs for erosion and sedimentation control such as silt fencing will be utilized during construction. Thus, measures will be implemented to ensure the proposed project will have no impacts to wetlands during construction.</p> <p>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 environmental review record when received from the permitting agencies.</p>
--	--

EXHIBIT D

Restrictive Covenant

RESTRICTIVE COVENANT FOR WETLANDS

WHEN RECORDED RETURN TO:

Name:

Address:

DECLARATION OF RESTRICTIVE COVENANT

This Declaration of Restrictive Covenant (“**Declaration**”) is executed as of this ____ day of _____, 2022 (the “**Effective Date**”), by [Property Owner] (“**Owner**”).

RECITALS

- A. Crestfield Point, LLC is the owner of that certain parcel of land located in the County of Onslow, State of North Carolina (the “**State**”), which is more fully described on Exhibit A hereto (the “**Property**”).
- B. That portion of the Property which is described and/or depicted on Exhibit B hereto contains wetlands as defined at 24 CFR 55.2(b)(11) (said portion of the Property hereinafter referred to as the “**Wetlands**”). An application for a U.S. Army Corps of Engineers (USACE) jurisdictional determination (JD) (Exhibit B) has been submitted and the resulting USACE-issued JD and any accompanying delineation will serve as the determination for the location of onsite wetlands, and will be attached to Exhibit B. The wetlands will be determined whether they meet the HUD definition of wetlands under 24 CFR 55.2(b)(11) which can include non-jurisdictional and jurisdictional wetlands. The permanent restrictive covenant will apply to onsite HUD-defined wetlands.
- C. In connection with the financing of the Property through the North Carolina Housing Finance Agency (NCHFA) Rental Production Program providing HOME Program funding to the Developer, with the use of CDBG-DR funds distributed to it by the North Carolina Office of Recovery and Resiliency (NCORR) insured by the United States Department of Housing and Urban Development (“**HUD**”), Owner has agreed to establish certain restrictions with respect to the use of the Wetlands that are intended to run with the land as more fully set forth herein.
- D. The purpose of this Declaration is to provide for permanent preservation of the Wetlands, as set forth herein.

NOW THEREFORE, in consideration of the foregoing premises, the making, receiving and insuring of the HUD HOME and CDBG-DR Programs’ funding, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Owner declares as follows:

1. Use Restrictive Covenant.

- (a) From and after the Effective Date, (i) no new structure, paving, or other improvements shall be constructed on, and no new modifications or landscaping activities (except for minor grubbing, clearing of debris, pruning, sodding or seeding, or other similar activities) shall be carried out within the Wetlands; and (ii) the use of the Wetlands shall be limited solely to passive open or green space.

In addition, from and after the Effective Date, (i) no new construction activities, including draining, dredging, channelizing, filling, diking, impounding, flooding, releasing wastes, and related activities that impact the Wetlands shall be performed; and (ii) no exotic species shall be introduced into the Wetlands, except biological controls preapproved in writing by the USACE local office or the State environmental office. Provided, that the following are expressly permitted: (i) cumulatively very small impacts associated with hunting (excluding planting or burning), fishing, and similar recreational or educational activities, consistent with the continuing natural condition of the Property; and (ii) restoration or mitigation required under law.

- (b) This Declaration and the covenants set forth herein restricting the use and occupancy of the Wetlands (i) shall be and are covenants running with, touching, and encumbering the Property, binding upon the Owner and all successors in interest or title, transferees, vendees, lessees, mortgagees, and assigns who are owners and/or users of the Property, and (ii) are not merely personal covenants of the Owner.

- (c) Any and all requirements of the laws of the State to be satisfied in order for the provisions of this Declaration to constitute deed restrictions and covenants running with the land shall be deemed to be satisfied in full, and any requirements or privileges of estate are intended to be satisfied, or in the alternate, an equitable servitude has been created to ensure that these restrictions run with the land. Each and every contract, deed, or other instrument hereafter executed conveying the Property or portion thereof (excluding instruments granting security interests) shall expressly provide that such conveyance is subject to this Declaration, provided, however, that the covenants contained herein shall survive and be effective regardless of whether such contract, deed or other instrument hereafter executed conveying the Property or portion thereof provides that such conveyance is subject to this Declaration.

2. Enforcement. In the event of a breach or threatened breach of this Declaration, any party adversely affected by such breach, the county or municipality where the Property is located, the State, or the United States of America shall be entitled to institute proceedings at law or in equity for relief from the consequences of said breach including seeking injunctive relief to prevent a violation thereof. The prevailing party in any such action shall be awarded its costs and expenses, including reasonable attorneys' fees, which shall be deemed to have accrued on the commencement of such action and shall be awarded whether or not such action is prosecuted to judgment.

3. Superiority. The charges and burdens of this Declaration are, and shall at all times be, prior and, therefore, superior to the lien or charge of any mortgage or deed of trust hereafter made affecting the Property or any part thereof, including any improvements now or hereafter placed thereon, and notwithstanding a foreclosure or other voluntary or involuntary transfer of title pursuant to such instrument, shall remain in full force and effect, but are subordinate to the security interests of record on the Effective Date. Provided, however, that a breach of any of the restrictions hereof shall not defeat or render invalid the lien or charge of any mortgage or deed of trust. The charges and burdens of this Declaration are not intended to either create a lien upon the Property, or grant any right of foreclosure, to any person or party.
4. Release. Any person or entity having or acquiring fee or leasehold title to the Property or any portion thereof shall be required to comply with this Declaration only during the period such person or entity is the fee or leasehold owner of the Property, and thereafter shall be released therefrom, except that such person or entity shall continue to be liable for, and shall not be released from liability for, obligations, liabilities or responsibilities that accrue or accrued during said period of ownership. Although persons or entities may be released under this paragraph, the restrictions of this Declaration shall continue to be restrictions upon the Property, running with the land, and shall inure to the benefit of, and be binding upon, their successors and assigns in title or interest.
5. Notices. All notices provided for herein may be delivered in person, sent by Federal Express or other overnight courier service, mailed in the United States mail postage prepaid, or sent by electronic or facsimile transmission, and, regardless of the method of delivery used, shall be considered delivered upon the actual receipt or refusal of receipt thereof. The name, address and other information to be used in connection with such correspondence and notices to Owner shall be the then-current owner's name and address information maintained in the official real property tax records with respect to the Property.
6. Miscellaneous.
 - (a) Headings. The headings in this Declaration are for convenience only and do not in any way limit or affect the terms and provisions hereof.
 - (b) Unenforceability. If any provision of this Declaration is held to be invalid, illegal or unenforceable in any respect, such invalidity, illegality or unenforceability shall not affect the remainder of such provision or any other provisions hereof.
 - (c) Gender. Wherever appropriate in this Declaration, the singular shall be deemed to refer to the plural and the plural to the singular, and pronouns of certain genders shall be deemed to include either or both of the other genders.
 - (d) Governing Law. This Declaration shall be construed and enforced in accordance with the laws of the State.

- (e) Amendments. This Declaration may be amended or canceled only by written instrument executed by HUD and the then-current owner of the Property.
- (f) No General Public Access. This Declaration does not establish any rights of access in favor of the general public for any purposes whatsoever.
- (g) Entire Agreement. This Declaration constitutes the entire agreement of Owner with respect to the subject matter hereof and supersedes all prior negotiations or discussions, whether oral or written, with respect thereto.

IN WITNESS WHEREOF, the undersigned has caused this Agreement to be signed by its duly authorized representatives, as of the day and year first above written.

OWNER

Crestfield Point, LLC

By: _____

Printed Name: _____

Title: _____

STATE OF _____)
)ss.

COUNTY OF _____)

On this ____ day of _____, 2022, before me, a notary public, personally appeared _____, the _____ of the _____ [the _____ of _____], a _____, named in the foregoing instrument and acknowledged said instrument on behalf of the _____.

Notary Public

EXHIBIT A

Description of the Property

EXHIBIT B

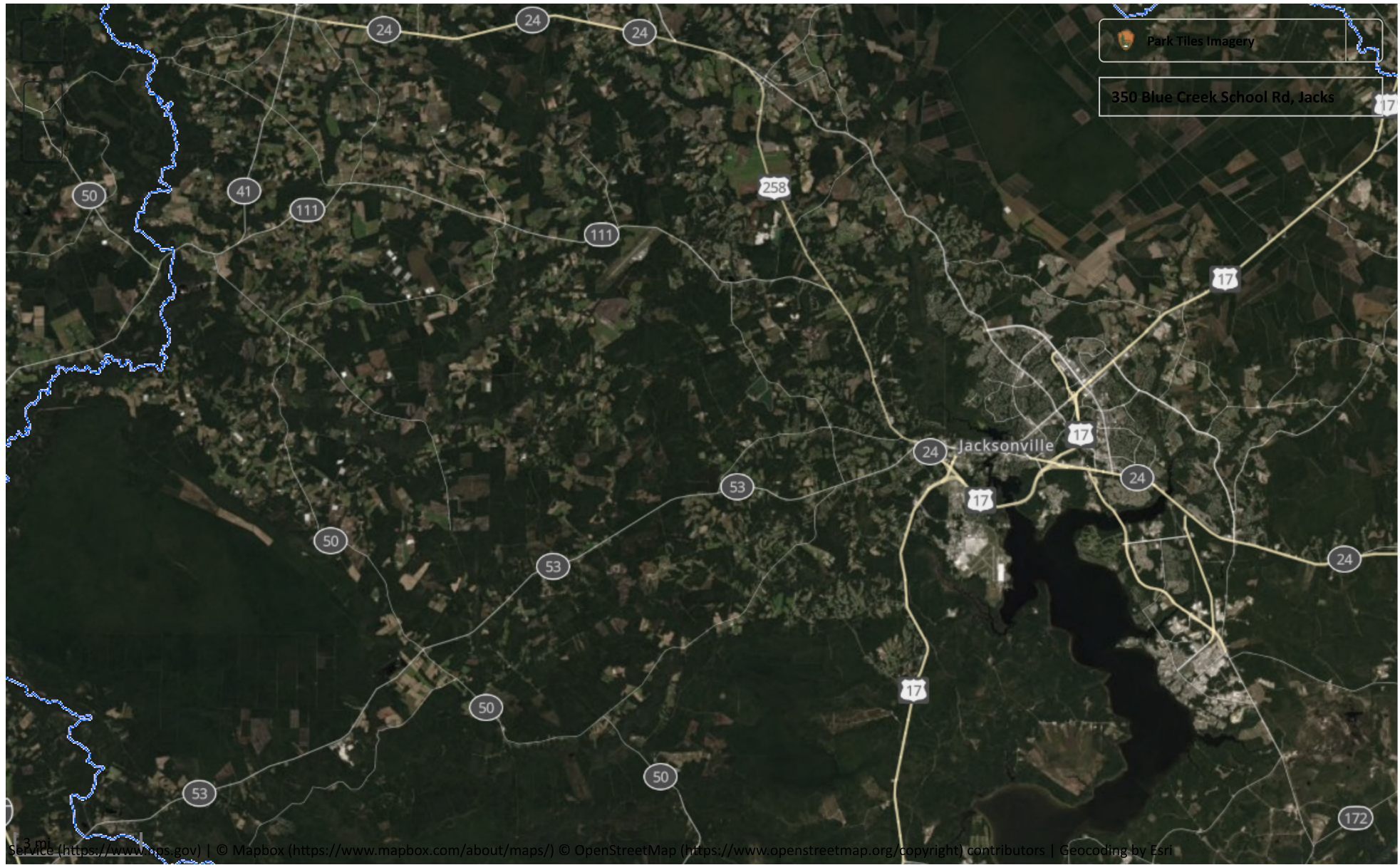
Description and/or Depiction of the Wetlands

(USACE JD and accompanying wetland delineation, if applicable, to be attached)

Nationwide Rivers Inventory

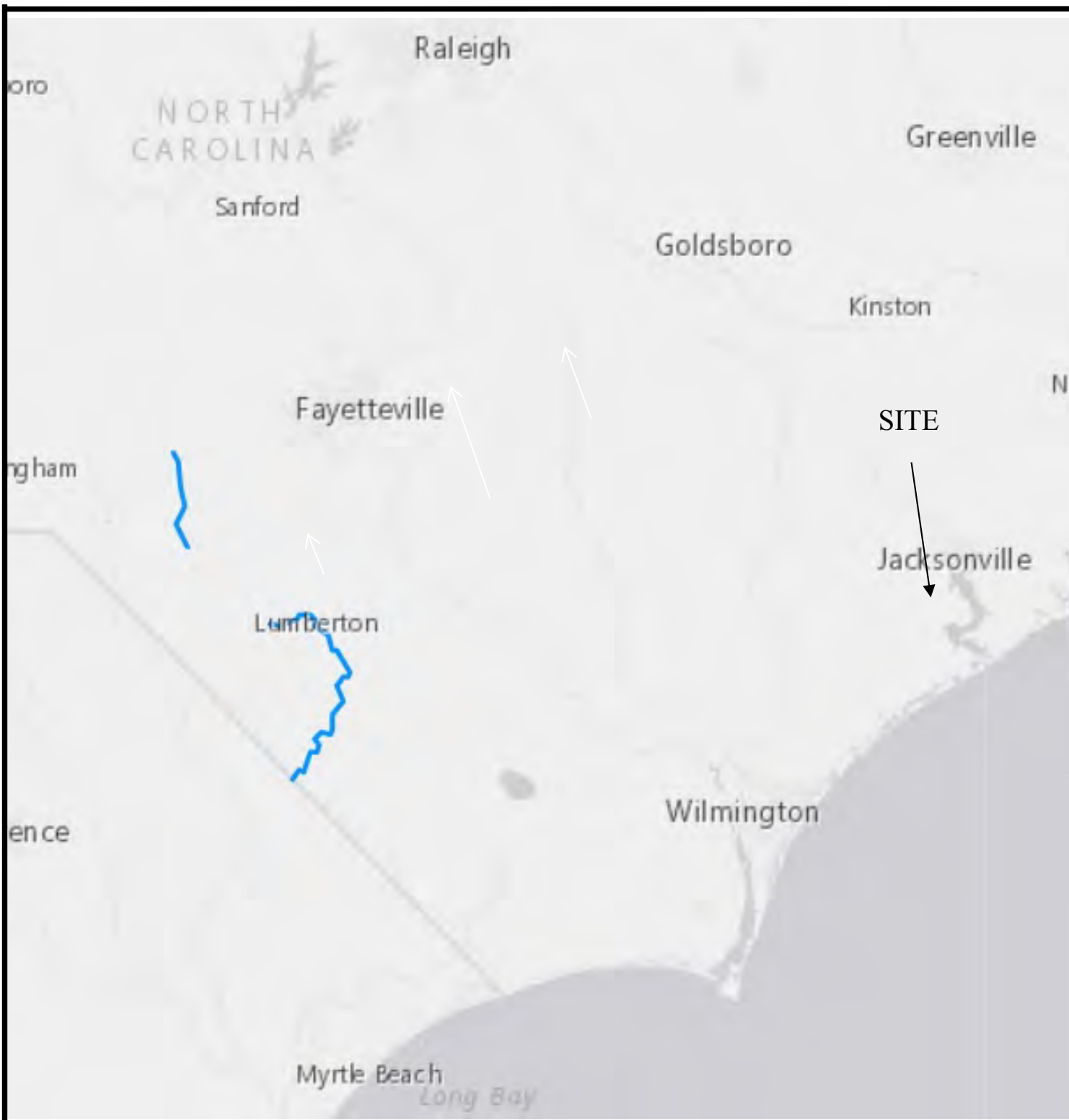
National Park Service
U.S. Department of the Interior

This is a listing of more than 3,200 free-flowing river segments in the U.S. that are believed to possess one or more ...



Service (<https://www.nps.gov>) | © Mapbox (<https://www.mapbox.com/about/maps/>) | © OpenStreetMap (<https://www.openstreetmap.org/copyright>) contributors | Geocoding by Esri

[Home \(https://www.nps.gov\)](https://www.nps.gov) | [Frequently Asked Questions \(https://www.nps.gov/faqs.htm\)](https://www.nps.gov/faqs.htm) | [Website Policies \(https://www.nps.gov/aboutus/website-policies.htm\)](https://www.nps.gov/aboutus/website-policies.htm)



Not to Scale

FIGURE 16: WILD AND SCENIC RIVERS

Source: NPS Maps ArcGIS



Proposed Crestfield Point Apartments
Blue creek School Road
Jacksonville, North Carolina



ASE Project No. 1516
January 2022

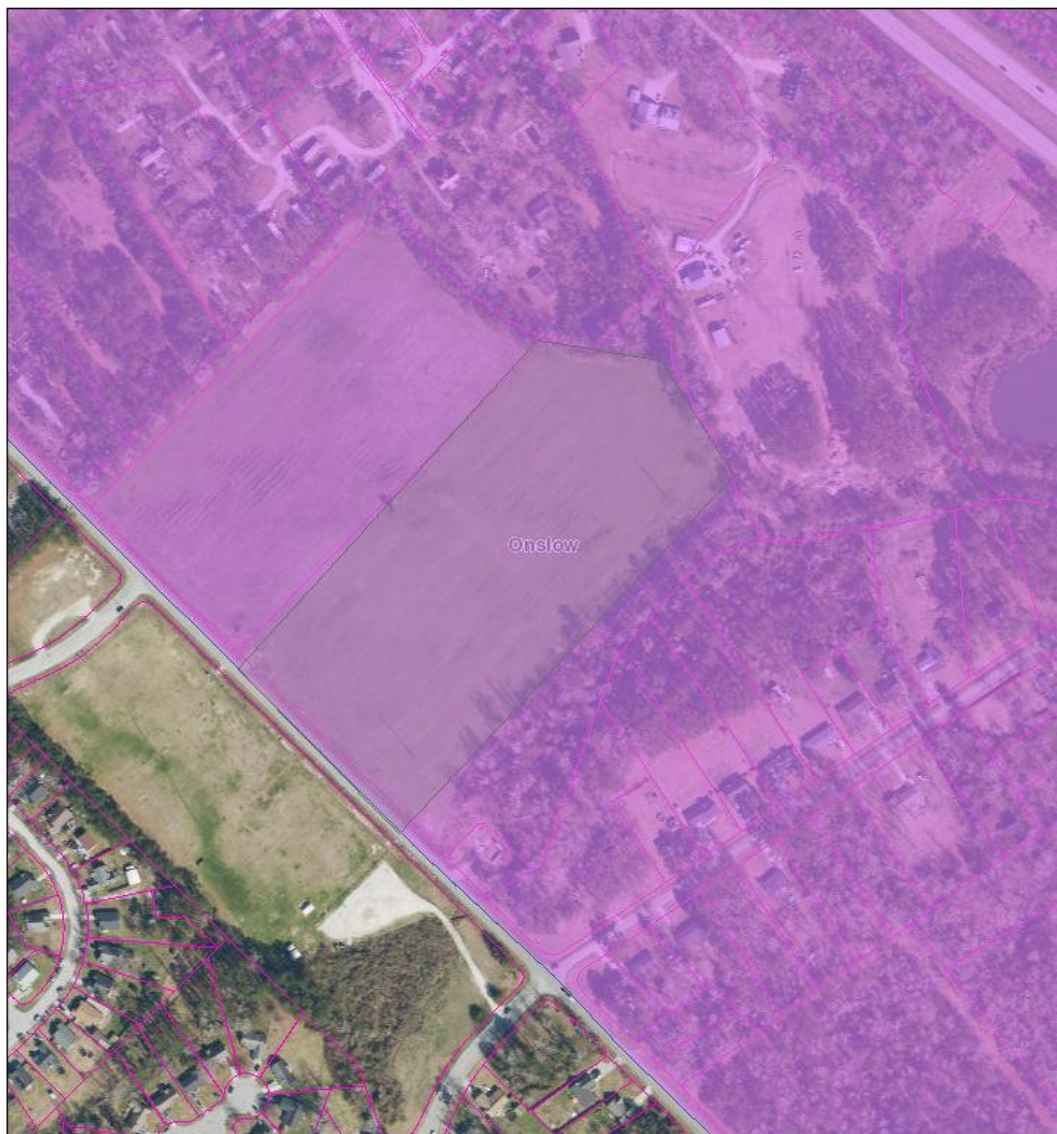


NCDEQ Facility Screening Report - Crestfield Point Apartments





Area of Interest (AOI) Information

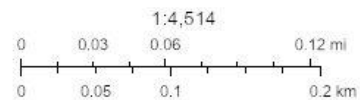
Area : 553,322.39 ft²

Jun 25 2022 8:52:07 Eastern Daylight Time



NC DEQ's Potentially Underserved Block Groups 2019

-  County and State
-  census2017acs - by Block Group
-  County Boundary
-  Parcels



NCDOT GIS Unit, NC CGIA, Maxar, Participating NC Counties, NCCGIA, NC OneMap, US EPA

Location: User-specified polygonal location

Ring (buffer): 1-miles radius

Description: Crestfield Point Apartments

Summary of ACS Estimates		2015 - 2019	
Population			3,433
Population Density (per sq. mile)			964
People of Color Population			1,271
% People of Color Population			37%
Households			1,268
Housing Units			1,647
Housing Units Built Before 1950			36
Per Capita Income			24,600
Land Area (sq. miles) (Source: SF1)			3.56
% Land Area			99%
Water Area (sq. miles) (Source: SF1)			0.05
% Water Area			1%

	2015 - 2019 ACS Estimates	Percent	MOE (±)
Population by Race			
Total	3,433	100%	1,044
Population Reporting One Race	3,316	97%	1,357
White	2,568	75%	709
Black	677	20%	277
American Indian	0	0%	68
Asian	19	1%	147
Pacific Islander	9	0%	111
Some Other Race	44	1%	45
Population Reporting Two or More Races	116	3%	176
Total Hispanic Population	472	14%	419
Total Non-Hispanic Population	2,960		
White Alone	2,162	63%	539
Black Alone	667	19%	258
American Indian Alone	0	0%	49
Non-Hispanic Asian Alone	19	1%	145
Pacific Islander Alone	9	0%	111
Other Race Alone	0	0%	17
Two or More Races Alone	104	3%	133
Population by Sex			
Male	1,887	55%	978
Female	1,546	45%	207
Population by Age			
Age 0-4	267	8%	97
Age 0-17	910	27%	181
Age 18+	2,523	73%	722
Age 65+	275	8%	100

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race.

N/A means not available. **Source:** U.S. Census Bureau, American Community Survey (ACS) 2015 - 2019

Location: User-specified polygonal location

Ring (buffer): 1-miles radius

Description: Crestfield Point Apartments

	2015 - 2019 ACS Estimates	Percent	MOE (±)
Population 25+ by Educational Attainment			
Total	2,114	100%	785
Less than 9th Grade	178	8%	205
9th - 12th Grade, No Diploma	255	12%	143
High School Graduate	746	35%	151
Some College, No Degree	480	23%	250
Associate Degree	204	10%	228
Bachelor's Degree or more	251	12%	361
Population Age 5+ Years by Ability to Speak English			
Total	3,165	100%	1,044
Speak only English	2,723	86%	800
Non-English at Home ¹⁺²⁺³⁺⁴	442	14%	419
¹ Speak English "very well"	121	4%	329
² Speak English "well"	10	0%	72
³ Speak English "not well"	310	10%	419
⁴ Speak English "not at all"	0	0%	17
³⁺⁴ Speak English "less than well"	310	10%	419
²⁺³⁺⁴ Speak English "less than very well"	321	10%	419
Linguistically Isolated Households*			
Total	57	100%	87
Speak Spanish	57	100%	86
Speak Other Indo-European Languages	0	0%	17
Speak Asian-Pacific Island Languages	0	0%	17
Speak Other Languages	0	0%	17
Households by Household Income			
Household Income Base	1,268	100%	173
< \$15,000	224	18%	83
\$15,000 - \$25,000	234	18%	127
\$25,000 - \$50,000	298	23%	171
\$50,000 - \$75,000	152	12%	62
\$75,000 +	361	28%	116
Occupied Housing Units by Tenure			
Total	1,268	100%	173
Owner Occupied	479	38%	128
Renter Occupied	789	62%	141
Employed Population Age 16+ Years			
Total	2,648	100%	1,043
In Labor Force	1,830	69%	1,044
Civilian Unemployed in Labor Force	213	8%	98
Not In Labor Force	817	31%	149

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of anyrace.

N/A means not available. **Source:** U.S. Census Bureau, American Community Survey (ACS)

*Households in which no one 14 and over speaks English "very well" or speaks English only.

Location: User-specified polygonal location

Ring (buffer): 1-miles radius

Description: Crestfield Point Apartments

	2015 - 2019 ACS Estimates	Percent	MOE (±)
Population by Language Spoken at Home*			
Total (persons age 5 and above)	1,493	100%	626
English	1,264	85%	417
Spanish	167	11%	416
French	0	0%	12
French Creole	N/A	N/A	N/A
Italian	N/A	N/A	N/A
Portuguese	N/A	N/A	N/A
German	7	0%	27
Yiddish	N/A	N/A	N/A
Other West Germanic	N/A	N/A	N/A
Scandinavian	N/A	N/A	N/A
Greek	N/A	N/A	N/A
Russian	N/A	N/A	N/A
Polish	N/A	N/A	N/A
Serbo-Croatian	N/A	N/A	N/A
Other Slavic	N/A	N/A	N/A
Armenian	N/A	N/A	N/A
Persian	N/A	N/A	N/A
Gujarathi	N/A	N/A	N/A
Hindi	N/A	N/A	N/A
Urdu	N/A	N/A	N/A
Other Indic	N/A	N/A	N/A
Other Indo-European	0	0%	12
Chinese	14	1%	51
Japanese	N/A	N/A	N/A
Korean	0	0%	12
Mon-Khmer, Cambodian	N/A	N/A	N/A
Hmong	N/A	N/A	N/A
Thai	N/A	N/A	N/A
Laotian	N/A	N/A	N/A
Vietnamese	0	0%	12
Other Asian	32	2%	115
Tagalog	5	0%	18
Other Pacific Island	N/A	N/A	N/A
Navajo	N/A	N/A	N/A
Other Native American	N/A	N/A	N/A
Hungarian	N/A	N/A	N/A
Arabic	0	0%	12
Hebrew	N/A	N/A	N/A
African	N/A	N/A	N/A
Other and non-specified	0	0%	12
Total Non-English	229	15%	752

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race.

N/A means not available. **Source:** U.S. Census Bureau, American Community Survey (ACS) 2015 - 2019.

*Population by Language Spoken at Home is available at the census tract summary level and up.

Location: User-specified polygonal location
 Ring (buffer): 1-miles radius
 Description: Crestfield Point Apartments

Summary	Census 2010
Population	3,642
Population Density (per sq. mile)	1,023
People of Color Population	1,430
% People of Color Population	39%
Households	1,445
Housing Units	1,576
Land Area (sq. miles)	3.56
% Land Area	99%
Water Area (sq. miles)	0.05
% Water Area	1%

Population by Race	Number	Percent
Total	3,642	-----
Population Reporting One Race	3,463	95%
White	2,378	65%
Black	738	20%
American Indian	33	1%
Asian	58	2%
Pacific Islander	16	0%
Some Other Race	240	7%
Population Reporting Two or More Races	179	5%
Total Hispanic Population	488	13%
Total Non-Hispanic Population	3,154	87%
White Alone	2,212	61%
Black Alone	703	19%
American Indian Alone	27	1%
Non-Hispanic Asian Alone	57	2%
Pacific Islander Alone	16	0%
Other Race Alone	8	0%
Two or More Races Alone	130	4%

Population by Sex	Number	Percent
Male	1,894	52%
Female	1,748	48%

Population by Age	Number	Percent
Age 0-4	357	10%
Age 0-17	886	24%
Age 18+	2,756	76%
Age 65+	209	6%

Households by Tenure	Number	Percent
Total	1,445	
Owner Occupied	526	36%
Renter Occupied	918	64%

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race.

Source: U.S. Census Bureau, Census 2010 Summary File 1.

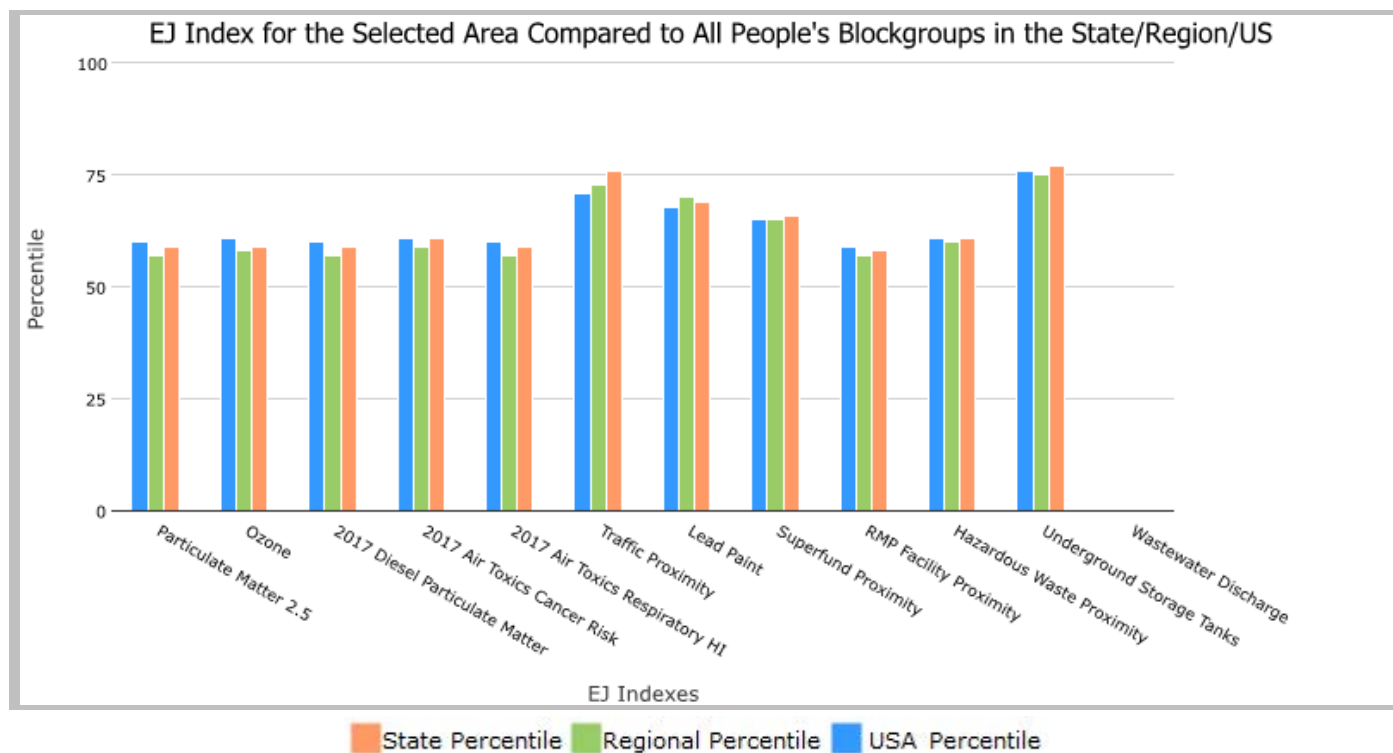
1 mile Ring around the Area, NORTH CAROLINA, EPA Region 4

Approximate Population: 3,433

Input Area (sq. miles): 3.74

Crestfield Point Apartments

Selected Variables	State Percentile	EPA Region Percentile	USA Percentile
Environmental Justice Indexes			
EJ Index for Particulate Matter 2.5	59	57	60
EJ Index for Ozone	59	58	61
EJ Index for 2017 Diesel Particulate Matter*	59	57	60
EJ Index for 2017 Air Toxics Cancer Risk*	61	59	61
EJ Index for 2017 Air Toxics Respiratory HI*	59	57	60
EJ Index for Traffic Proximity	76	73	71
EJ Index for Lead Paint	69	70	68
EJ Index for Superfund Proximity	66	65	65
EJ Index for RMP Facility Proximity	58	57	59
EJ Index for Hazardous Waste Proximity	61	60	61
EJ Index for Underground Storage Tanks	77	75	76
EJ Index for Wastewater Discharge	N/A	N/A	N/A



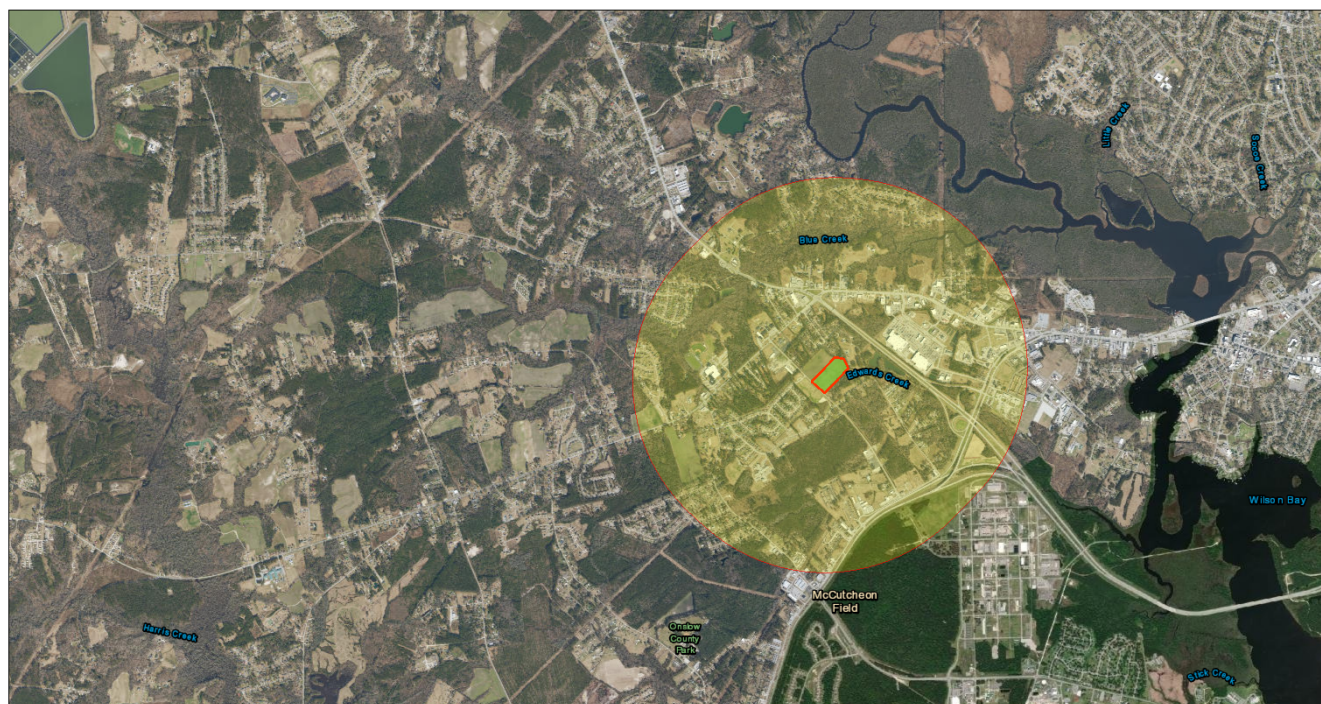
This report shows the values for environmental and demographic indicators and EJSCREEN indexes. It shows environmental and demographic raw data (e.g., the estimated concentration of ozone in the air), and also shows what percentile each raw data value represents. These percentiles provide perspective on how the selected block group or buffer area compares to the entire state, EPA region, or nation. For example, if a given location is at the 95th percentile nationwide, this means that only 5 percent of the US population has a higher block group value than the average person in the location being analyzed. The years for which the data are available, and the methods used, vary across these indicators. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJSCREEN documentation for discussion of these issues before using reports.

1 mile Ring around the Area, NORTH CAROLINA, EPA Region 4

Approximate Population: 3,433

Input Area (sq. miles): 3.74

Crestfield Point Apartments



June 25, 2022

Crestfield Point Apartments

1:36,112
0 0.38 0.75 1.5 mi
0 0.5 1 2 km

State of North Carolina DOT, Esri, HERE, Garmin, NC CGIA, Maxar

Sites reporting to EPA	
Superfund NPL	0
Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDF)	0

EJScreen Report (Version 2.0)

1 mile Ring around the Area, NORTH CAROLINA, EPA Region 4

Approximate Population: 3,433

Input Area (sq. miles): 3.74

Crestfield Point Apartments

Selected Variables	Value	State Avg.	%ile in State	EPA Region Avg.	%ile in EPA Region	USA Avg.	%ile in USA
Pollution and Sources							
Particulate Matter 2.5 ($\mu\text{g}/\text{m}^3$)	5.67	7.74	5	8.18	0	8.74	2
Ozone (ppb)	36.9	41.7	7	37.9	41	42.6	17
2017 Diesel Particulate Matter* ($\mu\text{g}/\text{m}^3$)	0.122	0.182	28	0.261	<50th	0.295	<50th
2017 Air Toxics Cancer Risk* (lifetime risk per million)	27	29	68	31	50-60th	29	60-70th
2017 Air Toxics Respiratory HI*	0.3	0.37	36	0.4	<50th	0.36	<50th
Traffic Proximity (daily traffic count/distance to road)	470	350	78	430	76	710	67
Lead Paint (% Pre-1960 Housing)	0.076	0.16	44	0.15	51	0.28	35
Superfund Proximity (site count/km distance)	0.1	0.082	80	0.083	79	0.13	67
RMP Facility Proximity (facility count/km distance)	0.13	0.39	36	0.6	28	0.75	22
Hazardous Waste Proximity (facility count/km distance)	0.21	0.83	37	0.62	50	2.2	30
Underground Storage Tanks (count/km ²)	5.5	3.4	82	3.5	82	3.9	79
Wastewater Discharge (toxicity-weighted concentration/m distance)	N/A	0.25	N/A	0.45	N/A	12	N/A
Socioeconomic Indicators							
Demographic Index	42%	36%	67	37%	64	36%	66
People of Color	37%	37%	57	39%	55	40%	55
Low Income	47%	34%	75	35%	73	31%	78
Unemployment Rate	13%	6%	90	6%	89	5%	90
Linguistically Isolated	4%	2%	82	3%	77	5%	69
Less Than High School Education	20%	12%	81	13%	80	12%	80
Under Age 5	8%	6%	73	6%	73	6%	71
Over Age 64	8%	16%	16	17%	15	16%	19

*Diesel particulate matter, air toxics cancer risk, and air toxics respiratory hazard index are from the EPA's 2017 Air Toxics Data Update, which is the Agency's ongoing, comprehensive evaluation of air toxics in the United States. This effort aims to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that the air toxics data presented here provide broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. Cancer risks and hazard indices from the Air Toxics Data Update are reported to one significant figure and any additional significant figures here are due to rounding. More information on the Air Toxics Data Update can be found at: <https://www.epa.gov/haps/air-toxics-data-update>.

For additional information, see: www.epa.gov/environmentaljustice

EJScreen is a screening tool for pre-decisional use only. It can help identify areas that may warrant additional consideration, analysis, or outreach. It does not provide a basis for decision-making, but it may help identify potential areas of EJ concern. Users should keep in mind that screening tools are subject to substantial uncertainty in their demographic and environmental data, particularly when looking at small geographic areas. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJScreen documentation for discussion of these issues before using reports. This screening tool does not provide data on every environmental impact and demographic factor that may be relevant to a particular location. EJScreen outputs should be supplemented with additional information and local knowledge before taking any action to address potential EJ concerns.

ZONING CERTIFICATION

Project Name: Crestfield Park Apartments
Proposed No. of Units: 72 Apartments
Address: Blue Creek School Road, Jacksonville
Onslow County, North Carolina

Closest street intersection or landmark: Blue Creek School Road

The above project site is zoned Residential Multifamily High Density (RMF-HD) and permits ☒ or does not permit ☐ the proposed use; or, zoning is not present, and the proposed use has ☒
has not ☐ been approved for the site.

Additional
Comments/Conditions/Concerns _____

12/10/2021
Date

[Signature]
(Official's Signature)

Jeremy B. Smith
(Official's Name – Print or Type)

Senior Planner
(Official's Title)

Planning & Inspections
(Department Name)

Note: Copying official letterhead onto this certification is encouraged.

Geotechnical Engineering Report

Crestfield Park Apartments

Jacksonville, North Carolina

February 2, 2022

Prepared for:

Carolina Statewide Development, LLC

Prepared by:

CAPE FEAR
ENGINEERING

www.capefearengineering.com

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Project No. G2021-266

CAPE FEAR ENGINEERING

February 2, 2022

Mark McCloskey
Carolina Statewide Development, LLC
Sent via email: markmccloskey@qcenc.com

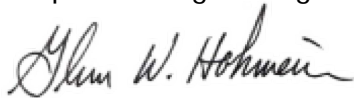
RE: Geotechnical Engineering Report
Crestfield Park Apartments
Jacksonville, North Carolina
Project No: G2021-266

Dear Mr. McCloskey:

Cape Fear Engineering, Inc. (CFE) has completed the geotechnical engineering services for the above referenced project. This report presents the results of the subsurface exploration and provides our geotechnical engineering recommendations.

We appreciate the opportunity to provide our services to you on this project. Should you have any questions or if we can be of further assistance, please contact us.

Respectfully Submitted,
Cape Fear Engineering



Glenn W. Hohmeier, P.E.
Senior Project Engineer
NC Reg. # 033529



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APPENDIX II	CLASSIFICATION SYSTEM FOR SOIL EXPLORATION
APPENDIX III	BORING LOGS
APPENDIX IV	SOIL PROFILES

1.0 INTRODUCTION

1.1 Project Site Location and Description

Cape Fear Engineering has completed our geotechnical engineering services for the proposed new multi-family development known as Crestfield Park Apartments located in Jacksonville, North Carolina. The project will include three new 3-story apartment buildings, a community center along with new asphalt paved parking and drive lanes, sidewalks, underground utilities, a storm water pond, and other infrastructure facilities. The purpose of our geotechnical engineering evaluation was to determine pertinent subsurface information for earthwork, foundation, and pavement design considerations.

Plans are to construct three new 3-story apartment buildings along with a 1-story community center structure on the project site. The structures will likely consist of a shallow foundation system supporting wood frame wall and roof member construction with various exterior wall finishes along with a concrete slab-on-grade. The maximum column and wall loads associated with the new buildings are not expected to exceed 50 kips and 1 to 2 kips per linear foot, respectively.

Based on the previously discussed project information, documents provided by the client, and observations during our site reconnaissance, it is anticipated that the site will require less than 2-feet of fill to establish finish floor and other project site facility elevations.

The project site is an open tract of farmland comprising approximately 12.5 acres. The site is generally level with moderate grade changes across the project area. The surrounding area includes vacant open and wooded tracts of land and existing residential, multi-family, and commercial properties.

A site vicinity map showing the project area is provided below.



General Site Vicinity

1.2 Scope of Services

The purpose of this investigation was to obtain information on the general subsurface conditions within the project area. The subsurface conditions were evaluated to provide our engineering assessments. For this project, the following items were evaluated to provide geotechnical engineering information and recommendations:

- ❖ General assessment of the soils revealed by the borings performed at the project site, as well as provide the depth of groundwater at the boring locations at the time of drilling.
- ❖ General location and description of any potentially deleterious materials encountered in the borings that may interfere with earthwork, building and pavement area construction, and the structural performance of the buildings. Potential deleterious materials include existing fills, expansive soils, substantial organics, or other unsuitable materials.
- ❖ Interpretation of the soil test borings to provide earthwork design and construction recommendations including stripping, grading, engineer requirements for structural fill, placement, and compaction.
- ❖ Interpretation of the soil test borings to provide recommendations for a shallow foundation system and other foundation construction recommendations for support of the proposed apartment and community center buildings. Design and construction requirements including allowable bearing pressures, foundation sizes, foundation embedment, expected total and differential settlements, foundation excavation preparation, and required foundation observation and testing.
- ❖ Interpretation of the soil test borings and our experience with similar soil conditions to provide typical pavement section recommendations.
- ❖ Seismic site class determination in accordance with the 2018 IBC.

The scope of services did not include an environmental assessment for determining the presence or absence of wetlands, hazardous or toxic material in the soil, bedrock, surface water, groundwater, or air on, below, or in the vicinity of the project site.

1.3 Project Authorization

The Geotechnical Engineering Services were conducted in general accordance with the Cape Fear Engineering proposal (Proposal No. GP2021-124G dated September 11, 2021). Authorization to proceed with our services was received from Mr. Mark McCloskey of Carolina Statewide Development, LLC in the form of a signed letter agreement.

2.0 FIELD EXPLORATION AND LABORATORY TESTING

2.1 Field Exploration

The general subsurface soil types were explored by completing Standard Penetration Tests (SPT) in the areas noted in Table I below. The information obtained from our field exploration program was used to assist in developing the design and construction recommendations.

Table I – Boring Schedule

Boring Number	Boring Depth (feet)	Boring Location Description
B-1	30.0	Building area boring located in the approximate center of the footprint of the proposed Community Center building.
B-2	30.0	Building area boring located in the approximate center of the footprint of the proposed Apartment Building "A".
B-3	35.0	Building area boring located in the approximate center of the footprint of the proposed Apartment Building "B".
B-4	30.0	Building area boring located in the approximate center of the footprint of proposed Apartment Building "C".
P-1	10.0	Asphalt pavement area boring located in the vicinity of the proposed southern entrance road of the project site.
P-2	10.0	Asphalt pavement area boring located in the vicinity of the central portion of the proposed drive lane/parking area.
P-3	10.0	Asphalt pavement area boring located in the vicinity of the northern portion of the proposed drive lane/parking area.
P-4	10.0	Asphalt pavement area boring located in the vicinity of the proposed drive lane in the vicinity of the proposed dumpster pad.
BMP-1	15.0	Storm water management facility boring located in the approximate center of the proposed storm water pond.

Standard Penetration Tests (SPT) using mud rotary techniques with a drill rig were performed in the field in general accordance with ASTM D1586 and ASTM D5783. The tests were performed continuously from the existing ground surface to depths of 10 to 12 feet, and at 5-foot intervals, thereafter, starting at a depth of 13 feet below existing grade. The soil samples were obtained with a standard split-spoon sampler. The sampler was driven with blows of a 140-pound automatic hammer falling 30 inches. The number of blows required to drive the sampler each of four 6-inch increments of penetration was recorded and is shown on the boring logs. The sum of the second and third penetration increments is termed the SPT N-value (uncorrected for automatic hammer). A representative portion of each disturbed split-spoon sample was collected with each SPT, placed in a glass jar, sealed, labeled, and returned to our laboratory for review.

The boring locations were established, and the locations were staked in the field by a representative of Cape Fear Engineering. The approximate boring locations are shown on the attached "Boring Location Exhibit" (Appendix I), which was reproduced from a Site Plan provided by the client.

2.2 Laboratory Testing

Soil testing provided by Cape Fear Engineering was performed in accordance with American Society for Testing and Materials (ASTM) standards. All soil testing was performed in our Belville, North Carolina laboratory.

Representative portions of all soil samples collected during drilling operations were labeled, sealed in a glass jar, and transferred to our laboratory in accordance with ASTM D4220 for classification and analysis. Soil descriptions on the boring logs are provided in general accordance with ASTM D2488 using the Unified Soil Classification System (USCS). Soil samples that were selected for testing were classified in general accordance with ASTM D2487. Some variation can be expected between samples classified using the visual-manual procedure (ASTM D2488) and the USCS (ASTM D2487). A summary of the soil classification system is provided in Appendix II.

As indicated above, representative soil samples were selected and subjected to natural moisture, No. 200 sieve wash, and Atterberg Limits testing to verify the visual classification. These test results are tabulated on the following page in Table II – Summary of Laboratory Test Results. These results are also presented on the soil test log of borings provided in Appendix III. A generalized subsurface soil profile is also provided in Appendix IV.

Table II – Summary of Laboratory Test Results

Boring Number	Sample No.	Sample Type	Depth (feet)	Natural Moisture (%)	Passing No. 200 Sieve (%)	Atterberg Limits (LL/PL/PI)	USCS Classification
B-1	S-2	Split Spoon	2-4	18.0	27.3	29/18/11	Clayey SAND (SC)
B-2	S-2	Split Spoon	2-4	15.1	34.1	Non-Plastic	Silty SAND (SM)
B-2	S-6	Split Spoon	10-12	29.7	41.2	34/23/11	Clayey SAND (SC)
B-4	S-7	Split Spoon	13-15	29.1	15.2	34/23/11	Clayey SAND (SC)
P-1	S-1	Split Spoon	0-2	21.1	62.4	42/21/21	Sandy Lean CLAY (CL)
P-4	S-2	Split Spoon	6-8	12.0	24.9	Non-Plastic	Silty SAND (SM)
BMP-1	S-3	Split Spoon	4-6	15.4	11.3	Non-Plastic	Poorly Graded SAND (SP-SM) with Silt

3.0 SUBSURFACE CONDITIONS

3.1 Site Geology

The project site lies within a major physiographic province of North Carolina called the Atlantic Coastal Plain. Numerous transgressions and regressions of the Atlantic Ocean have deposited marine, lagoonal, and fluvial (stream lain) sediments. The regional geology is very complex, and generally consists of interbedded layers of varying mixtures of sands, silts and clays. Based on our review of existing geologic and soil boring data, the geologic stratigraphy encountered in our subsurface exploration generally consisted of marine deposited sands and clays.

3.2 Subsurface Soil Conditions

A summary of the subsurface soil conditions encountered at the boring locations is presented in Table III.

Table III – Subsurface Soil Conditions

Average Depth (ft.)	Stratum	Description	Range of SPT ⁽¹⁾ Values
0 to 0.33-2.0	Surficial	4 to 24 inches of Topsoil	-
0.33-2.0 to 10.0-30.0	I	Light brownish gray, light gray, dark gray, yellowish brown, white, brownish yellow, very dark gray, light yellowish brown, dark brownish gray, grayish brown, pale brown, dark brown, SAND (SP-SM, SM, SC) with varying amounts of silt and clay. Interbedded layers of mottled, gray-yellowish brown CLAY (CL) with varying amounts of silt and sand were encountered in boring P-1 and P-2 locations from 0.5 to 4.0 feet below existing ground surface.	<u>Granular</u> WOH ⁽²⁾ – 49 <u>Fine-Grained</u> 5 – 7
Note(s): ⁽¹⁾ SPT = Standard Penetration Test, N-Values in blows per foot (uncorrected) ⁽²⁾ WOH = Weight of Hammer			

The subsurface descriptions are of a generalized nature and were provided to highlight the major soil strata encountered. The records of the subsurface exploration are included in Appendix III (Boring Logs) and in Appendix IV (Soil Profile), which should be reviewed for specific information as to the individual borings. The stratifications shown on the records of the subsurface exploration represent the conditions only at the actual boring locations. Variations may occur and should be expected between boring locations. The stratifications represent the approximate boundary between subsurface materials and the transition may be gradual.

3.3 Groundwater

The initial groundwater level was recorded at the boring locations and as observed through the wetness of the recovered soil samples during the drilling operations. The initial groundwater table was measured and occurred at a depth of about 7 feet below the existing site grades at the boring locations to the depths explored. The variations in the groundwater readings are anticipated to be the result of grade differences between boring locations, the effects of recent rain events and associated man-made disturbances, and drainage features. The boreholes were backfilled upon completion for safety considerations. Seasonal groundwater fluctuations of $2\pm$ feet or more are common in the project's area; however, greater fluctuations have been documented.

Perched groundwater conditions will likely be encountered at this site. The perched condition is anticipated to occur during periods of heavy precipitation and/or during the wet season in the areas where shallow subsurface clayey soils were encountered. These soils will act as a restrictive layer allowing excessive moisture to accumulate within the overlying granular soils or at the ground surface elevation. The contractor should determine the actual groundwater levels or possible perched groundwater conditions at the time of construction to determine groundwater impacts that may affect the construction procedures.

4.0 DESIGN AND CONSTRUCTION RECOMMENDATIONS

Our design and construction recommendations are based on the previously discussed project information, interpretation of the soil test borings, review of the provided plans, and observations during our site reconnaissance. If the proposed construction should vary from what was described, we request the opportunity to review our recommendations and make any necessary changes.

4.1 Earthwork - Site Clearing

The proposed construction areas (building pads and pavement areas) should be cleared by removing the existing topsoil, any associated root mat and other unsuitable material, if encountered. Based on the SPT borings, it is estimated that a cut of about 4 to 24 inches in depth will be required to remove the topsoil material. However, the project site has been previously farmed and is surrounded by wooded tracts of land and is expected to contain varying amounts of organic laden soils and root systems. Based on our experience with similar site conditions (farmland in the vicinity of wooded areas) this initial cut to remove organic laden soils and root mat could extend to 12 to 24 inches, or more. Therefore, these cuts should be expected to extend deeper in isolated areas to remove deeper deposits of organic soils, which may become evident during the clearing. It is recommended that the clearing operations extend laterally at least 5 feet beyond the perimeter of the proposed construction area.

Perched groundwater conditions will likely be encountered at this site. The perched condition is anticipated to occur during periods of heavy precipitation and/or during the wet season in the areas where shallow subsurface clayey soils were encountered. These soils will act as a restrictive layer allowing excessive moisture to accumulate within the overlying granular soils or at the ground surface elevation. The contractor should determine the actual groundwater levels or possible perched groundwater conditions at the time of construction to determine groundwater impacts that may affect the construction procedures.

Once the site clearing is completed, the exposed subgrade will generally be comprised of loose SAND (SM, SC) and medium stiff CLAY (CL). Due to the presence of loose SAND and medium stiff CLAY, excess surface moisture from precipitation ponding on the site, along with construction equipment traffic, make this site susceptible to pumping and general deterioration of the bearing capabilities of the surface soils. Therefore, undercutting to remove loose/soft wet soils will likely be required. The extent of the undercut will be determined in the field during construction, based on the outcome of the field-testing procedures (subgrade proofroll and test pits). The project's budget should include an allowance for subgrade improvements (building and parking areas - undercut and backfill with structural fill).

To reduce the potential and magnitude for subgrade improvements, consideration should be given to raising the site grades a minimum of 2-feet with compacted structural fill. In addition, it is recommended that the grading operations be performed during the drier months of the year (generally April through November). This should help minimize the potential subgrade improvement problems. If grading is attempted during the winter months, the site should be graded to enhance surface water runoff and stabilization of wet soils should be anticipated. Methods to address wet soils may include undercutting and backfilling with structural fill. However, during the drier months of the year, wet soils could be dried by disking or implementing other drying procedures such as stockpiling or spreading the soils in thin lifts, to achieve moisture contents necessary to reach adequate degrees of compaction. As previously stated, the project's budget should include an allowance for subgrade improvements as described above.

Any undercut and backfill should be performed under the observation of the geotechnical engineer or their qualified representative, who will evaluate the composition of the recovered soils. Recommendations concerning the subgrade improvements (as necessary) will be provided in the field following the testing procedures.

4.2 Earthwork - Subgrade Preparation and Evaluation

Following the clearing operation, the exposed subgrade soils should be densified with a large static drum roller, as needed. After the subgrade soils have been densified, they should be evaluated by the geotechnical engineer or their qualified representative for stability. The subgrade soils should be proofrolled to check for pockets of soft material hidden beneath a crust of better soil. Several passes should be made by a large roller compactor (with at least 2-rubber tires) or loaded dump truck over the construction areas, with the successive passes aligned perpendicularly. The number of passes will be determined in the field by the geotechnical engineer or their qualified representative. Any pumping and unstable areas observed during proofrolling (beyond the initial clearing cut) should be undercut and/or stabilized at the direction of the geotechnical engineer or their qualified representative.

In addition to the proofroll, a series of test pit excavations should be performed to determine the extent of any potential deeper organics within the proposed building pads and pavement areas. The test pit excavations should be performed under the observation of the geotechnical engineer or their qualified representative to determine the thickness and composition of any deeper organic materials or other unsuitable materials and the suitability of the materials to remain in place or the necessity for these materials to be removed from the building and pavement areas.

The prepared subgrade should be sloped to prevent the accumulation and/or ponding of surface water. If the exposed subgrade becomes wet or frozen, the geotechnical engineer should be consulted.

4.3 Earthwork – Suitable Structural Fill, Placement, and Compaction Requirements

Following the approval of the natural subgrade soils by a geotechnical engineer or their qualified representative, the placement of the fill required to establish the design grades may begin. Any material to be used for structural fill should be evaluated and tested by a qualified inspector and laboratory prior to placement to determine if they are suitable for the intended use. Suitable structural fill material should consist of sand or gravel containing less than 20% by weight of fines (SP, SP-SM, SM, SW, SW-SM, GP, GP-GM, GW, GW-GM), have a liquid limit less than 20 and plastic limit less than 6, and should be free of rubble, organics, clay, debris, and other unsuitable material.

All structural fill should be compacted to a dry density of at least 95% of the Standard Proctor maximum dry density (ASTM D698). In general, the compaction should be accomplished by placing the fill in maximum 10-inch loose lifts and mechanically compacting each lift to at least the specified minimum dry density. A qualified inspector should perform field density tests on each lift as necessary to assure that adequate compaction is achieved.

Backfill material in utility trenches within the construction areas should consist of structural fill and be compacted to at least 95% of ASTM D698. This fill should be placed in 4 to 6-inch loose lifts when hand compaction equipment is used.

Care should be used when operating the compactors near existing structures to avoid transmission of the vibrations that could cause settlement damage or disturb occupants. In this regard, it is recommended that large vibratory rollers remain at least 25 feet away from existing structures. Areas within 25 feet of existing structures should be compacted with small, hand-operated compaction equipment.

4.4 Foundations

Based on the laboratory classification results, the shallow subsurface clayey soils encountered at the boring locations are considered to be expansive in accordance with 1803.5.3 of the 2015 IBC. The shrink-swell potential of these subsurface soil conditions needs to be considered and so are included as part of our foundation recommendations.

Shallow Foundations

Provided that the construction procedures are properly performed, the proposed structures can be supported by isolated or continuous spread footings or a monolithic slab with turn down edges bearing upon firm natural soil or well-compacted structural fill material. These footings can be designed using a net allowable soil pressure of 2,000 pounds per square foot (psf). In using net pressures, the weight of the footings and backfill over the footings, need not be considered. Hence, only loads applied at or above the foundation need to be used for dimensioning the footings.

To develop the recommended bearing capacity of 2,000 pounds per square foot (psf) and to accommodate the shrink/swell potential associated with the bearing soils, the base of the footings should have a minimum embedment of 24 inches beneath finished grades and should have a minimum width of 18 inches. In addition, isolated square column footings (if deemed necessary) are recommended to be a minimum of 3 feet by 3 feet in area for bearing capacity consideration. The recommended 24-inch footing embedment is also considered sufficient to provide adequate cover against frost penetration to the bearing soils.

Settlements

It is estimated that, with proper site preparation, the maximum resulting post-construction total settlement of the proposed foundations should be up to 1 inch. The maximum differential settlement magnitude is expected to be less than ½ inch between adjacent footings (wall footings and column footings of varying loading conditions). The settlements were estimated based on the results of the field penetration tests. Careful field control will contribute substantially towards minimizing the settlements.

Foundation Excavations

In preparation for shallow foundation support, the footing excavations should extend into firm natural soil or well-compacted structural fill. The foundation bearing capacities should be verified in the field during construction by performing a foundation inspection for the structure. At that time, the geotechnical engineer or their qualified representative should also explore the extent of any excessively loose or otherwise unsuitable material within the exposed excavations. Also, at the time of footing observations, the geotechnical engineer or their qualified representative should advance hand auger borings and use a hand penetration device in the base of the foundation excavations to verify that the recovered soils are consistent with those documented in this report. The necessary depth of penetration will be established during the footing subgrade observations.

If pockets of unsuitable soils requiring undercut are encountered in the footing excavations, the proposed footing elevation should be re-established by means of backfilling with No. 57 Stone, "flowable fill", or lean concrete prior to concrete placement. This construction procedure will provide for a net allowable bearing capacity of 2,000 psf.

Immediately prior to reinforcing steel placement, it is suggested that the bearing surfaces of all footing and floor slab areas be compacted using hand operated mechanical tampers, to a dry density of at least 95% of the Standard Proctor maximum dry density (ASTM D698) as tested to a depth of 12 inches, for bearing capacity considerations. In this manner, any localized areas which have been loosened by excavation operations, should be adequately re-compacted. The compaction testing in the base of the footings may be waived by the geotechnical engineer, where firm bearing soils are observed during the footing inspections.

Soils exposed in the bases of all satisfactory foundation excavations should be protected against any detrimental change in condition such as from physical disturbance, rain, or frost. Surface run-off water should be drained away from the excavations and not be allowed to pond. If possible, all footing concrete should be placed the same day the excavation is made. If this is not possible, the footing excavations should be adequately protected.

4.5 Building Floor Slabs

The building floor slabs may be constructed as slab-on-grade members provided the previously recommended earthwork activities and evaluations are carried out properly. It is recommended that the ground floor slab be directly supported by at least a 4-inch layer of relatively clean, compacted, poorly graded sand (SP) or gravel (GP) with less than 5% passing the No. 200 Sieve (0.074 mm). The purpose of the 4-inch layer is to act as a capillary barrier and equalize moisture conditions beneath the slab. The slabs can be designed with the use of a subgrade modulus on the order of about 125 psi/in bearing on the existing natural subgrade soils or bearing on structural fill compacted to 95 percent of the Standard Proctor maximum dry density (ASTM D698).

It is also recommended that the floor slab bearing soils be covered by a vapor barrier or retarder to minimize the potential for floor dampness, which can affect the performance of glued tile and carpet. Generally, use of a vapor retarder provides for minimal vapor resistance protection below the slab on grade. When floor finishes, site conditions, or other considerations require greater vapor resistance protection, consideration should be given to using a vapor barrier. Selection of a vapor retarder or barrier should be made by the architect based on project requirements.

4.6 Pavement Design (Typical)

Based on the results of our field exploration which included three (3) SPT borings in the pavement area alignments and our experience with similar soils as encountered at the project site, we estimate that the in-place-soaked California Bearing Ratio (CBR) values will range from 5 to 10 within the upper 2-feet of the existing site grade elevations. Multiplying the estimated CBR range for the on-site soils by a factor of two-thirds provides an estimated pavement design CBR value ranging from 3.3 to 6.7 with an estimated average design CBR value of 5. The two-thirds factor provides the necessary safety margins to compensate for some non-uniformity of the soil. Therefore, an estimated CBR value of 5 may be used in designing the pavement sections.

The typical pavement sections provided in Table IV on the following page are based on the results of our field explorations, and experience with similar soil conditions. Furthermore, these typical sections do not represent a completed pavement design in accordance with the NCDOT requirements and are typical for the region.

Table IV – Typical Minimum Pavement Sections

Section	Hot Mix Asphalt		Concrete ⁽¹⁾	Aggregate Base ⁽²⁾	Subgrade
	Surface (S 9.5C)	Intermediate (I 19C)			
Light Duty Flexible	2"	-	-	8"	Firm, Stable, and Compacted
Heavy Duty Flexible	1.5"	2.5"	-	8"	Firm, Stable, and Compacted
Light Duty Rigid	-	-	6"	6"	Firm, Stable, and Compacted
Heavy Duty Rigid	-	-	8"	6"	Firm, Stable, and Compacted

Note(s): (1) Minimum compressive strength of 4500 psi at 28 days.

(2) NCDOT ABC Stone compacted to a dry density of at least 100% of the Modified Proctor maximum dry density (ASTM D1557).

Actual pavement section thickness should be provided by the design civil engineer based on traffic loads, volume, and the owner's design life requirements. The above sections correspond to thickness representative of typical local construction practices and as such periodic maintenance should be anticipated. All pavement material and construction procedures should conform to North Carolina Department of Transportation (NCDOT) requirements.

In preparation for a stable subgrade support for the pavement sections, the following construction steps are recommended:

After pavement rough grading operations, the exposed subgrade should be observed under proofrolling. This proofrolling should be accomplished with a fully loaded dump truck or 7-to-10-ton drum roller (minimum of 2-rubber tires) to check for pockets of loose/soft material hidden beneath a thin crust of better soil. In addition to the proofroll, a series of test pit excavations should be performed to determine the extent of any potential deeper organics or any other unsuitable materials within the pavement areas. The test pit excavations should be performed under the observation of the geotechnical engineer or their qualified representative to determine the thickness and composition of any deeper unsuitable materials and the suitability of the materials to remain in place or the necessity for these materials to be removed from the pavement areas. Any unsuitable materials thus exposed should be removed and replaced with a well-compacted material. The inspection of these phases should be performed by a geotechnical engineer or their qualified representative. Areas of unstable natural soil conditions and/or unsuitable subgrade soils are likely to occur at the time of construction and some ground improvements may be needed. Therefore, the project's budget should include a contingency to accommodate the potential ground improvements.

Where excessively unstable subgrade soils are observed during proofrolling and/or fill placement, it is expected that these weak areas can be stabilized by means of undercutting and replacing with suitable material, thickening the base course layer by 2 to 4 inches (or more), and/or lining the subgrade with geotextile fabric (Mirafi HP270 or equivalent) and/or Geogrid (such as Tensar TX140, BX1100 or equivalent). These alternates are to be addressed by the geotechnical engineer during construction.

4.7 Seismic Evaluation

Based on the data obtained from the 10 to 30-foot deep SPT borings and our experience with 100-foot-deep CPT soundings and SPT borings performed within the vicinity of the project site, this site should be classified as a Site Class 'D' in accordance with the 2018 IBC.

4.8 Construction Considerations

Based on the results of this exploration, varying soil conditions and compositions are expected to be encountered throughout the project limits. Open-cut excavations will likely extend through natural soils that are relatively "clean" (i.e., soil that is relatively free of deleterious debris that may hinder excavation or installation). Debris typically considered unsuitable consist of wood, glass, organics, plastics, coal, brick, or any other material larger than 2 inches in diameter. Based on these characteristics, it is anticipated that some of the shallow subsurface materials encountered within the project alignment may be reusable as backfill. Soils containing appreciable amounts of deleterious debris should be discarded; however, an effort should be made during excavation to segregate any debris encountered within potentially suitable reusable in-situ soils.

The shallow subsurface within the project limits is comprised of granular and fine grain soils; however, the Contractor should anticipate that some of these soils will have relatively little cohesion and have a high potential for caving. Additionally, water seepage at varying elevations should be expected within the side walls of the open cut areas, increasing the potential for caving.

Temporary Slopes

Due to the potential of limited space during construction, temporary slopes may not be a feasible option. The contractor should be aware that temporary slope height, slope inclination, or excavation depths should in no case exceed those specified in local, state and/or federal safety regulations. Where temporary slopes are not feasible, shoring by means of sheeting and/or trench boxes may be appropriate. Where the stability of adjoining structures, pavements, or other improvements is endangered by excavation operations, support systems such as shoring, bracing, or underpinning may be required to provide structural stability. Shoring, bracing, or underpinning required for this project (if needed) should be designed by a professional engineer.

Shoring

Shoring design and installation should be the responsibility of the contractor. Shoring systems required for this project should be designed by a professional engineer. Shoring systems should be designed to provide positive restraint of trench walls in an effort to protect against lateral deformation that may result in ground cracks, settlement, and/or other ground movements that may affect adjacent underground utilities, pavements, structures, and surface improvements. The contractor should be made aware of this potential condition so that preventative or repair measures can be implemented.

Depending on the shoring system used, the removal process may create voids along the walls of the excavations. If these voids are left in place and are significant, backfill and/or the retained soil may shift laterally, resulting in settlement of overlying structures/pavements. As such, care should be taken to remove the shoring systems and backfill the trenches so that these voids are not created.

In all cases, the contractor should select an excavation and/or shoring scheme that will protect adjacent and overlying improvements, including below grade utilities.

Dewatering

It is expected that dewatering will be required for excavations that extend near or below the existing groundwater table. Dewatering above the groundwater-level could probably be accomplished by pumping from sumps. Dewatering at depths below the groundwater-level will likely require well pointing, deep wells or possibly educator wells possibly with shoring. Since temporary dewatering will impact construction and be dependent on construction methods and scheduling, we recommend the contractor be solely responsible for the design, installation, maintenance, and performance of all temporary dewatering systems. Where shoring is employed, the dewatering system should be compatible with the type of shoring to be used. We recommend the Contractor verify groundwater conditions and evaluate dewatering requirements prior to construction.

Lowering the groundwater table during dewatering activities will result in an increase in effective stresses and may induce settlements of the soils underlying adjacent structures/pavements. Additionally, hydraulic compaction of the predominately granular soils (e.g. SP, SP-SM, SM soils) should be anticipated as a result of lowering the groundwater table. We recommend that the dewatering be performed so that the groundwater-level is lowered by no more than approximately 5 feet below the proposed excavation depth. It may be advantageous to install settlement monuments in areas where dewatering by means of well pointing, deep wells or educator wells is required.

Site Utility Installation

The base of the utility trenches should be observed by a qualified inspector prior to the pipe placement to verify the suitability of the bearing soils. Based on the results of our field exploration program, it is expected that the utilities located below the groundwater level will bear in the wet granular soils. In these instances, the bearing soils may require some stabilization to provide suitable bedding. This stabilization is commonly accomplished by adding 12 inches or more of bedding stone (Type NCDOT #57). The resulting excavations located within structural areas should be backfilled with structural fill. Imported fill should be included in the construction budget to backfill the utility excavations within the structural areas of the project site.

Excavations

Federal regulation requires that all excavations, whether they be utility trenches, basement excavation, or footing excavations, be constructed in accordance with (OSHA) guidelines.

The contractor is solely responsible for designing and constructing stable, temporary excavations and should shore, slope, or bench the sides of the excavations as required to maintain stability of both the excavation sides and bottom. The contractor's responsible person should evaluate the soil exposed in the excavations as part of the contractor's safety procedures. In no case should slope height, slope inclination, or excavation depth, including utility trench excavation depth, exceed those specified in local, state, and federal safety regulations.

5.0 REPORT LIMITATIONS

The recommendations submitted are based on the available soil information obtained by Cape Fear Engineering and the information supplied by the client and their consultants for the proposed project. If there are any revisions to the plans for this project or if deviations from the subsurface conditions noted in this report are encountered during construction, Cape Fear Engineering should be notified immediately to determine if changes in the recommendations are warranted. If Cape Fear Engineering is not retained to perform these functions, Cape Fear Engineering cannot be responsible for the impact of those conditions on the geotechnical recommendations for the project.

The geotechnical engineer of record warrants that the findings, recommendations, specifications, or professional advice contained herein have been made in accordance with generally accepted professional geotechnical engineering practices in the local area. No other warranties are implied or expressed.

After the plans and specifications are more complete, the geotechnical engineer of record should be provided the opportunity to review the final design plans and specifications to make sure our engineering recommendations have been properly incorporated into the design documents, in order that the earthwork, foundation, and pavement recommendations may be properly interpreted and implemented. At that time, it may be necessary to submit supplementary recommendations.

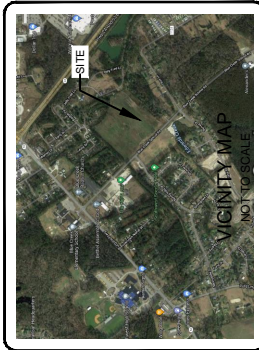
This report has been prepared for the exclusive use of the client and their designated agents for the specific application to the Crestfield Park Apartments project located in Jacksonville, North Carolina.

APPENDICES

APPENDIX I	BORING LOCATION EXHIBIT
APPENDIX II	CLASSIFICATION SYSTEM FOR SOIL EXPLORATION
APPENDIX III	BORING LOGS
APPENDIX IV	SOIL PROFILE

APPENDIX I

BORING LOCATION EXHIBIT



LEGEND

- B' BUILDING BORING LOCATIONS (30')**
- P' PAVEMENT BORING LOCATIONS (10')**
- BMP' BORING LOCATION (15')**

- NOTES**
- THIS BORING LOCATION EXHIBIT WAS REPRODUCED FROM A SITE PLAN PROVIDED BY ROSS/DECKARD ARCHITECTS.
 - THIS BORING EXHIBIT IS NOT TO SCALE.
 - THE BORING LOCATIONS ARE APPROXIMATE.

PREPARED FOR:
CAROLINA STATEWIDE
DEVELOPMENT

**CAPE FEAR
ENGINEERING**

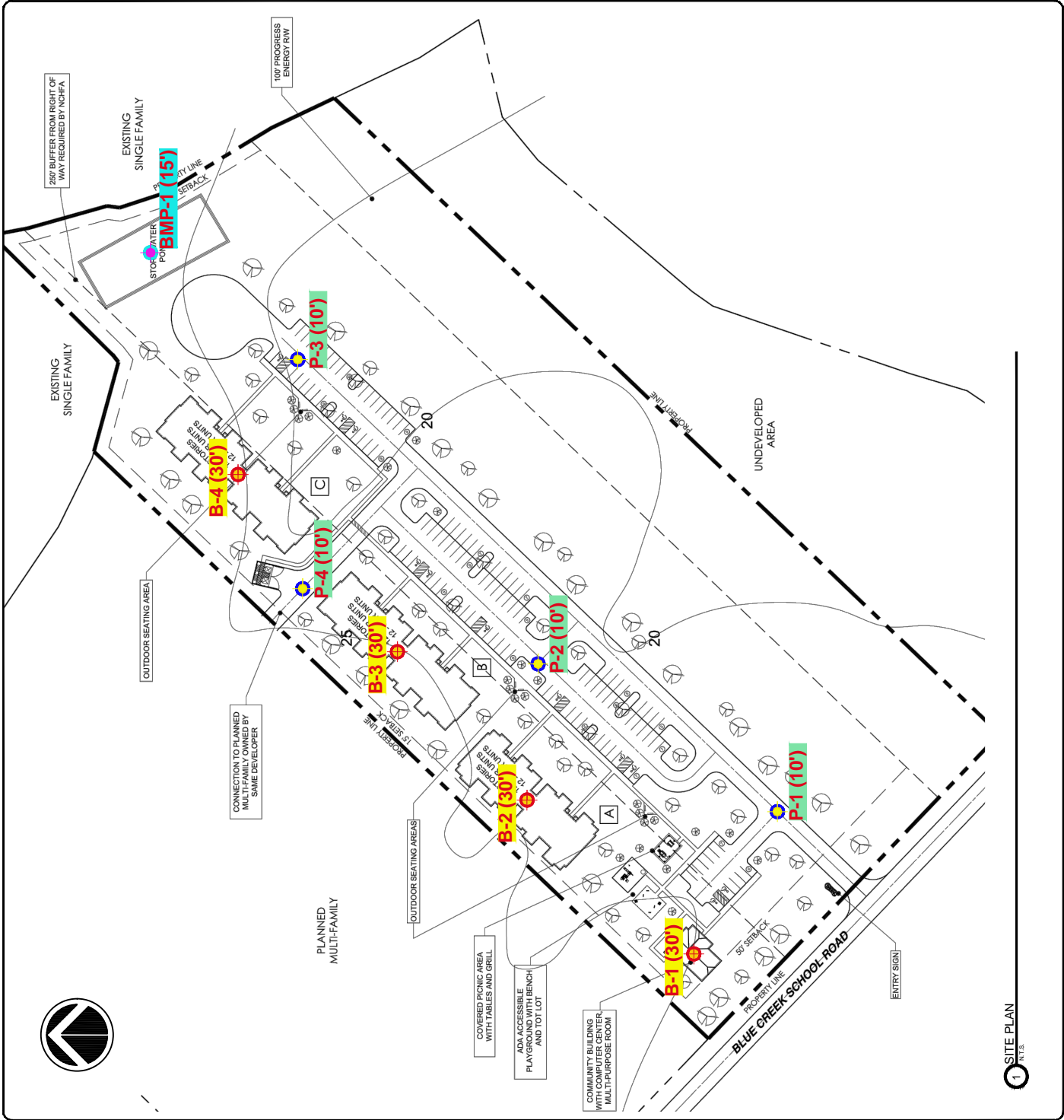
151 Poole Rd., Suite 100, Beville, NC, 28451
TEL (910) 383-1044; FAX (910) 383-1045
www.capefearengineering.com
N.C. LICENSE # C-1621

DATE: 10/29/2021
SCALE: NOT TO SCALE
DRAWN: ELB
APPROVED: GWH

CRESTFIELD PARK APARTMENTS
JACKSONVILLE, NC

BORING LOCATION
EXHIBIT

JOB NUMBER: G2021-266
SHEET NUMBER: EX-01



APPENDIX II

CLASSIFICATION SYSTEM FOR SOIL EXPLORATION

CLASSIFICATION SYSTEM FOR SOIL EXPLORATION

NON COHESIVE SOILS

(SILT, SAND, GRAVEL and Combinations)

Relative Density

Very Loose	4 blows/ft. or less
Loose	5 to 10 blows/ft.
Medium Dense	11 to 30 blows/ft.
Dense	31 to 50 blows/ft.
Very Dense	51 blows/ft. or more

Particle Size Identification

Boulders	8 inch diameter or more
Cobbles	3 to 8 inch diameter
Gravel	Coarse 1 to 3 inch diameter
	Medium $\frac{1}{2}$ to 1 inch diameter
	Fine $\frac{1}{4}$ to $\frac{1}{2}$ inch diameter
Sand	Coarse 2.00 mm to $\frac{1}{4}$ inch (diameter of pencil lead)
	Medium 0.42 to 2.00 mm (diameter of broom straw)
	Fine 0.074 to 0.42 mm (diameter of human hair)
Silt	0.002 to 0.074 mm (cannot see particles)

CLASSIFICATION SYMBOLS (ASTM D 2487 and D 2488)

Coarse Grained Soils

More than 50% retained on No. 200 sieve

GW - Well-graded Gravel
GP - Poorly graded Gravel
GW-GM - Well-graded Gravel w/Silt
GW-GC - Well-graded Gravel w/Clay
GP-GM - Poorly graded Gravel w/Silt
GP-GC - Poorly graded Gravel w/Clay
GM - Silty Gravel
GC - Clayey Gravel
GC-GM - Silty, Clayey Gravel
SW - Well-graded Sand
SP - Poorly graded Sand
SW-SM - Well-graded Sand w/Silt
SW-SC - Well-graded Sand w/Clay
SP-SM - Poorly graded Sand w/Silt
SP-SC - Poorly graded Sand w/Clay
SM - Silty Sand
SC - Clayey Sand
SC-SM - Silty, Clayey Sand

Fine-Grained Soils

50% or more passes the No. 200 sieve

CL - Lean Clay
CL-ML - Silty Clay
ML - Silt
OL - Organic Clay/Silt
 Liquid Limit 50% or greater
CH - Fat Clay
MH - Elastic Silt
OH - Organic Clay/Silt

Highly Organic Soils

PT - Peat

COHESIVE SOILS

(CLAY, SILT and Combinations)

Consistency

Very Soft	2 blows/ft. or less
Soft	3 to 4 blows/ft.
Medium Stiff	5 to 8 blows/ft.
Stiff	9 to 15 blows/ft.
Very Stiff	16 to 30 blows/ft.
Hard	31 blows/ft. or more

Relative Proportions

<u>Descriptive Term</u>	<u>Percent</u>
Trace	0-5
Few	5-10
Little	15-25
Some	30-45
Mostly	50-100

Strata Changes

In the column "Description" on the boring log, the horizontal lines represent approximate strata changes.

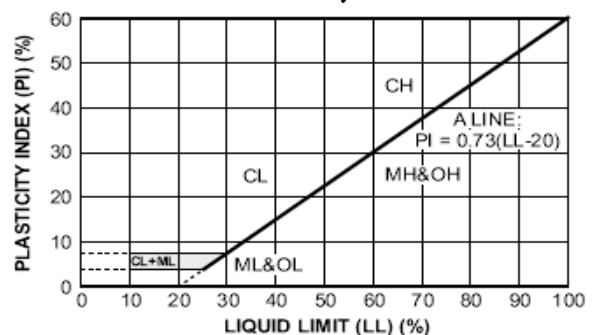
Groundwater Readings

Groundwater conditions will vary with environmental variations and seasonal conditions, such as the frequency and magnitude of rainfall patterns, as well as tidal influences and man-made influences, such as existing swales, drainage ponds, underdrains and areas of covered soil (paved parking lots, side walks, etc.).

Depending on percentage of fines (fraction smaller than No. 200 sieve size), coarse-grained soils are classified as follows:

Less than 5 percent	GW, GP, SW, SP
More than 12 percent	GM, GC, SM, SC
5 to 12 percent	Borderline cases requiring dual symbols

Plasticity Chart



APPENDIX III

BORING LOGS

BORING LOG
No. B-1

PROJECT: Crestfield Park Apartments **PROJECT NO.:** G2021-266
CLIENT: Carolina Statewide Development, LLC **NORTHING:** _____
PROJECT LOCATION: Jacksonville, NC **EASTING:** _____
LOCATION: See attached Boring Location Exhibit **ELEVATION:** _____
DRILLER: Hofler Drilling, Inc. **LOGGED BY:** MCR
DRILLING METHOD: Mud Rotary **DATE:** 10-4-21
DEPTH TO - WATER> INITIAL: 7 **AFTER 24 HOURS:** 7 **CAVING>** C

Depth (feet)	Description	Graphic Sample No.	Blow Counts	N-Value	% < #200	TEST RESULTS		
						Plastic Limit	Water Content -	Liquid Limit
	12 inches of Topsoil	1	2 2 3 3	5				
	Light brownish gray, moist, Clayey fine to medium SAND (SC), Loose	2	3 3 3 3 3	6	27.3		●	
5	Light gray, moist to wet, Poorly Graded fine to medium SAND (SP-SM) with Silt, Very Loose to Medium Dense	3	4 5 7 7	12				
		4	6 7 8 7	15				
		5	3 1 1 1	2				
10	Light gray, wet, Clayey fine to medium SAND (SC), Very Loose	6	1 1 1 1	2				
		7	4 5 6 9	11				
15	Light gray, wet, Poorly Graded fine to medium SAND (SP-SM) with Silt, Medium Dense	8	1 2 2 3	4				
20	Dark gray, wet, Silty fine to medium SAND (SM), Very Loose	9	7 8 10 9	18				
	Light gray, wet, Poorly Graded fine to medium SAND SP- SM) with Silt, Very Loose to Medium Dense	10	10 12 14 20	26				
30	Boring terminated at 30.0 ft.							
35								
40								

BORING LOG
No. B-2

PROJECT: Crestfield Park Apartments
CLIENT: Carolina Statewide Development, LLC
PROJECT LOCATION: Jacksonville, NC
LOCATION: See attached Boring Location Exhibit
DRILLER: Hofler Drilling, Inc.
DRILLING METHOD: Mud Rotary
DEPTH TO - WATER> INITIAL: 7 **AFTER 24 HOURS:** 7
PROJECT NO.: G2021-266
NORTHING: _____
EASTING: _____
ELEVATION: _____
LOGGED BY: MCR
DATE: 10-4-21
CAVING> C

Depth (feet)	Description	Graphic Sample No.	Blow Counts	N-Value	% < #200	TEST RESULTS	
						Plastic Limit Liquid Limit	Water Content - Penetration -
	4 inches of Topsoil						
	Yellowish brown, moist, Silty fine to medium SAND (SM), Loose	1	3 3 3	6			
		2	2 3 4 5	7	34.1		
5	Light brownish gray, moist, Poorly Graded fine to medium SAND (SP-SM) with Silt, Medium Dense	3	7 10 8 12	18			
	Light gray, moist to wet, Clayey fine to medium SAND (SC), Medium Dense	4	7 7 7 3	14			
	Light gray, wet, Poorly Graded fine to medium SAND (SP-SM) with Silt, Very Loose	5	2 2 2 2	4			
10	Light gray, wet, Clayey fine to medium SAND (SC), Very Loose	6	2 2 2 2	4	41.2		
	White, wet, Poorly Graded fine to medium SAND (SP-SM) with Silt, Very Loose to Medium Dense	7	6 12 12 14	24			
15							
20		8	1 1 1 1	2			
25		9	8 10 16 20	26			
	Light brownish gray, wet, Poorly Graded fine to medium SAND (SP-SM) with Silt, Dense	10	20 22 27 30	49			
30	Boring terminated at 30.0 ft.						
35							
40							

BORING LOG
No. B-3

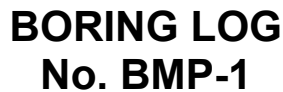
PROJECT: Crestfield Park Apartments **PROJECT NO.:** G2021-266
CLIENT: Carolina Statewide Development, LLC **NORTHING:** _____
PROJECT LOCATION: Jacksonville, NC **EASTING:** _____
LOCATION: See attached Boring Location Exhibit **ELEVATION:** _____
DRILLER: Hofler Drilling, Inc. **LOGGED BY:** MCR
DRILLING METHOD: Mud Rotary **DATE:** 10-4-21
DEPTH TO - WATER> INITIAL: 7 **AFTER 24 HOURS:** 7 **CAVING>** C

Depth (feet)	Description	Graphic Sample No.	Blow Counts	N-Value	% < #200	TEST RESULTS				
						Plastic Limit	Water Content -	Liquid Limit	Penetration -	
	24 inches of Topsoil	1	4 5 5 6	10						
	Yellowish brown, moist, Clayey fine to medium SAND (SC), Loose	2	3 3 4 4	7						
5		3	4 4 5 5	9						
	Light gray, moist to wet, Poorly Graded fine to medium SAND (SP-SM) with Silt, Loose	4	5 5 5 2	8						
	White, wet, Poorly Graded fine to medium SAND (SP-SM) with Silt, Very Loose	5	1 2 2 3	4						
10		6	2 2 2 2	4						
	Brownish yellow, wet, Silty fine to medium SAND (SM), Very Loose									
	Very dark gray, wet, Clayey fine to medium SAND (SC), Very Loose	7	WOH WOH WOH WOH	WOH						
15										
	Very dark gray, wet, Silty fine to medium SAND (SM), Medium Dense	8	5 9 8 10	17						
20										
		9	6 8 9 11	17						
25										
	White, wet, Silty fine to medium SAND (SM), Medium Dense	10	8 8 10 10	18						
30	Boring terminated at 30.0 ft.									
35										
40										

BORING LOG
No. B-4

PROJECT: Crestfield Park Apartments
CLIENT: Carolina Statewide Development, LLC
PROJECT LOCATION: Jacksonville, NC
LOCATION: See attached Boring Location Exhibit
DRILLER: Hofler Drilling, Inc.
DRILLING METHOD: Mud Rotary
DEPTH TO - WATER> INITIAL: 7 **AFTER 24 HOURS:** 7
PROJECT NO.: G2021-266
NORTHING:
EASTING:
ELEVATION:
LOGGED BY: MCR
DATE: 10-4-21
CAVING> C

Depth (feet)	Description	Graphic Sample No.	Blow Counts	N-Value	% < #200	TEST RESULTS			
						Plastic Limit	Water Content -	Liquid Limit	Penetration -
	18-inches of Topsoil	1	6 6 4 4	10					
	Yellowish brown, moist, Silty fine to medium SAND (SM), Loose	2	4 3 5 3	8					
	Light brownish gray, moist, Clayey fine to medium SAND (SC), Loose	3	4 5 6 10	11					
5	Light yellowish brown, moist, Silty fine to medium SAND (SM), Medium Dense	4	10 9 8 7	17					
	Light gray, moist to wet, Poorly Graded fine to medium SAND (SP-SM) with Silt, Medium Dense	5	WOH WOH WOH WOH	WOH					
10	Dark brownish gray, wet, Silty fine to medium SAND (SM), Very Loose	6	WOH WOH WOH WOH	WOH					
	Light gray, wet, Poorly Graded fine to medium SAND (SP-SM) with Silt, Very Loose	7	WOH WOH WOH 9	WOH	15.2				
15	Very dark gray, wet, Clayey fine to medium SAND (SC), Very Loose	8	6 10 16 20	26					
	Very dark gray, wet, Silty fine to medium SAND (SM), Medium Dense	9	7 10 12 14	22					
25	Dark gray, wet, Poorly Graded fine to medium SAND (SP-SM) with Silt, Medium Dense	10	10 11 12 13	23					
30	White, wet, Silty fine to medium SAND (SM), Medium Dense								
	Boring terminated at 30.0 ft.								
35									
40									



PROJECT: <u>Crestfield Park Apartments</u>	PROJECT NO.: <u>G2021-266</u>
CLIENT: <u>Carolina Statewide Development, LLC</u>	NORTHING: _____
PROJECT LOCATION: <u>Jacksonville, NC</u>	EASTING: _____
LOCATION: <u>See attached Boring Location Exhibit</u>	ELEVATION: _____
DRILLER: <u>Hofler Drilling, Inc.</u>	LOGGED BY: <u>MCR</u>
DRILLING METHOD: <u>Mud Rotary</u>	DATE: <u>10-4-21</u>
DEPTH TO - WATER> INITIAL: <u>▽ 7</u> AFTER 24 HOURS: <u>▽</u>	CAVING> <u>C</u>

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PROJECT: <u>Crestfield Park Apartments</u>	PROJECT NO.: <u>G2021-266</u>
CLIENT: <u>Carolina Statewide Development, LLC</u>	NORTHING: _____
PROJECT LOCATION: <u>Jacksonville, NC</u>	EASTING: _____
LOCATION: <u>See attached Boring Location Exhibit</u>	ELEVATION: _____
DRILLER: <u>Hofler Drilling, Inc.</u>	LOGGED BY: <u>MCR</u>
DRILLING METHOD: <u>Mud Rotary</u>	DATE: <u>10-4-21</u>
DEPTH TO - WATER> INITIAL: <u>▽</u>	CAVING> <u>C</u>
AFTER 24 HOURS: <u>▽</u>	

Depth (feet)	Description	Graphic	Sample No.	Blow Counts	N-Value	% < #200	TEST RESULTS	
							Plastic Limit	Liquid Limit
							Water Content -	Penetration -
	6 inches of Topsoil		1	3 3 3 4	6	62.4		
	Mottled, gray-yellowish brown, moist, Sandy Lean CLAY (CL), Medium Stiff		2	3 4 3 4	7			
5	Light gray, moist, Clayey fine to medium SAND (SC), Very Loose to Loose		3	5 3 4 3	7			
			4	4 3 2 2	5			
			5	2 2 2 2	4			
10	Boring terminated at 10.0 ft.							
15								
20								
25								
30								
35								
40								



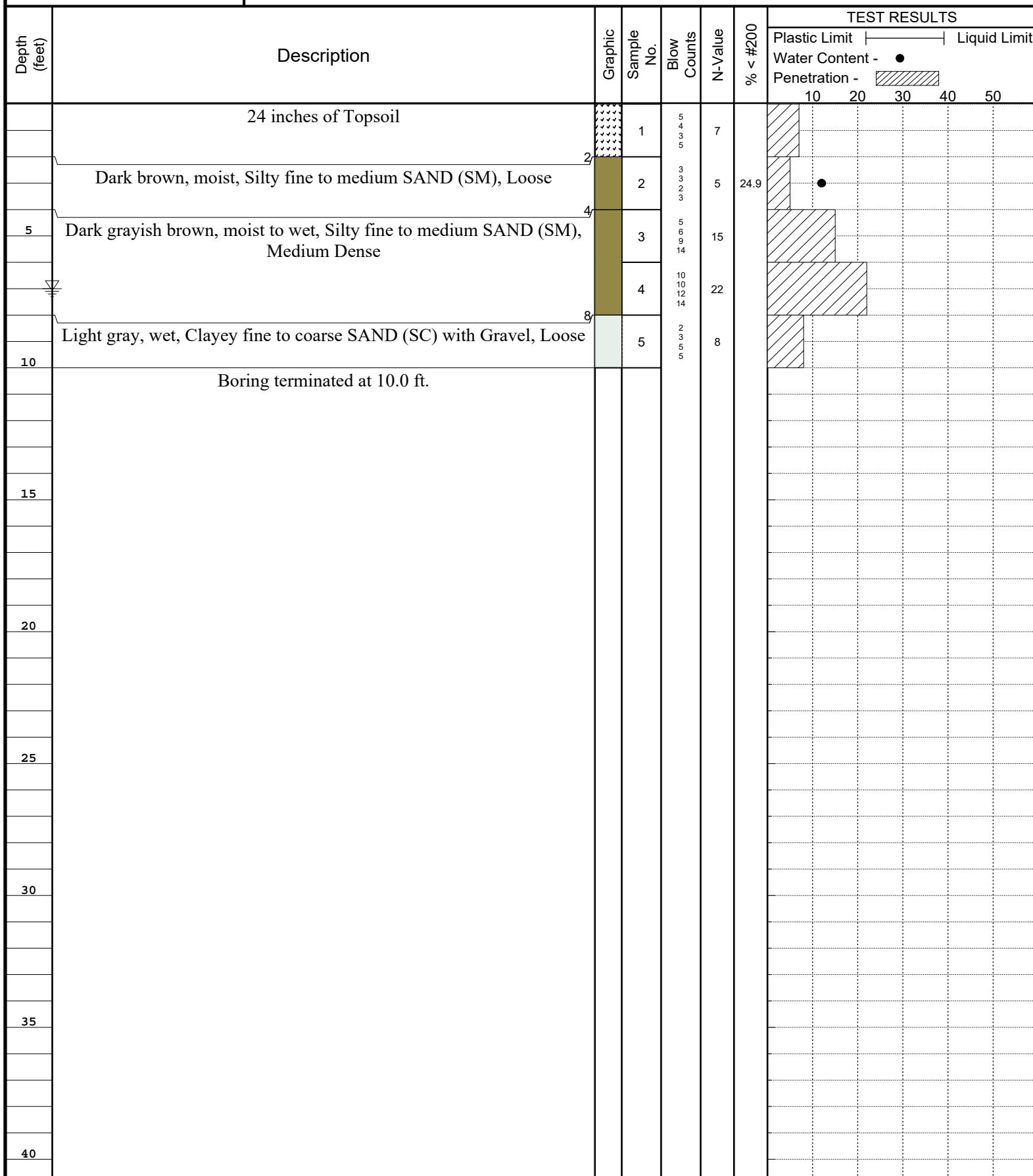
PROJECT: <u>Crestfield Park Apartments</u>	PROJECT NO.: <u>G2021-266</u>
CLIENT: <u>Carolina Statewide Development, LLC</u>	NORTHING: _____
PROJECT LOCATION: <u>Jacksonville, NC</u>	EASTING: _____
LOCATION: <u>See attached Boring Location Exhibit</u>	ELEVATION: _____
DRILLER: <u>Hofler Drilling, Inc.</u>	LOGGED BY: <u>MCR</u>
DRILLING METHOD: <u>Mud Rotary</u>	DATE: <u>10-4-21</u>
DEPTH TO - WATER> INITIAL: <u>▽</u>	CAVING> <u>C</u>
AFTER 24 HOURS: <u>▽</u>	

WOH - Weight of Hammer



PROJECT: <u>Crestfield Park Apartments</u>	PROJECT NO.: <u>G2021-266</u>
CLIENT: <u>Carolina Statewide Development, LLC</u>	NORTHING: _____
PROJECT LOCATION: <u>Jacksonville, NC</u>	EASTING: _____
LOCATION: <u>See attached Boring Location Exhibit</u>	ELEVATION: _____
DRILLER: <u>Hofler Drilling, Inc.</u>	LOGGED BY: <u>MCR</u>
DRILLING METHOD: <u>Mud Rotary</u>	DATE: <u>10-4-21</u>
DEPTH TO - WATER> INITIAL: <u>▽ 7</u>	AFTER 24 HOURS: <u>▽</u>
	CAVING> <u>℄</u>

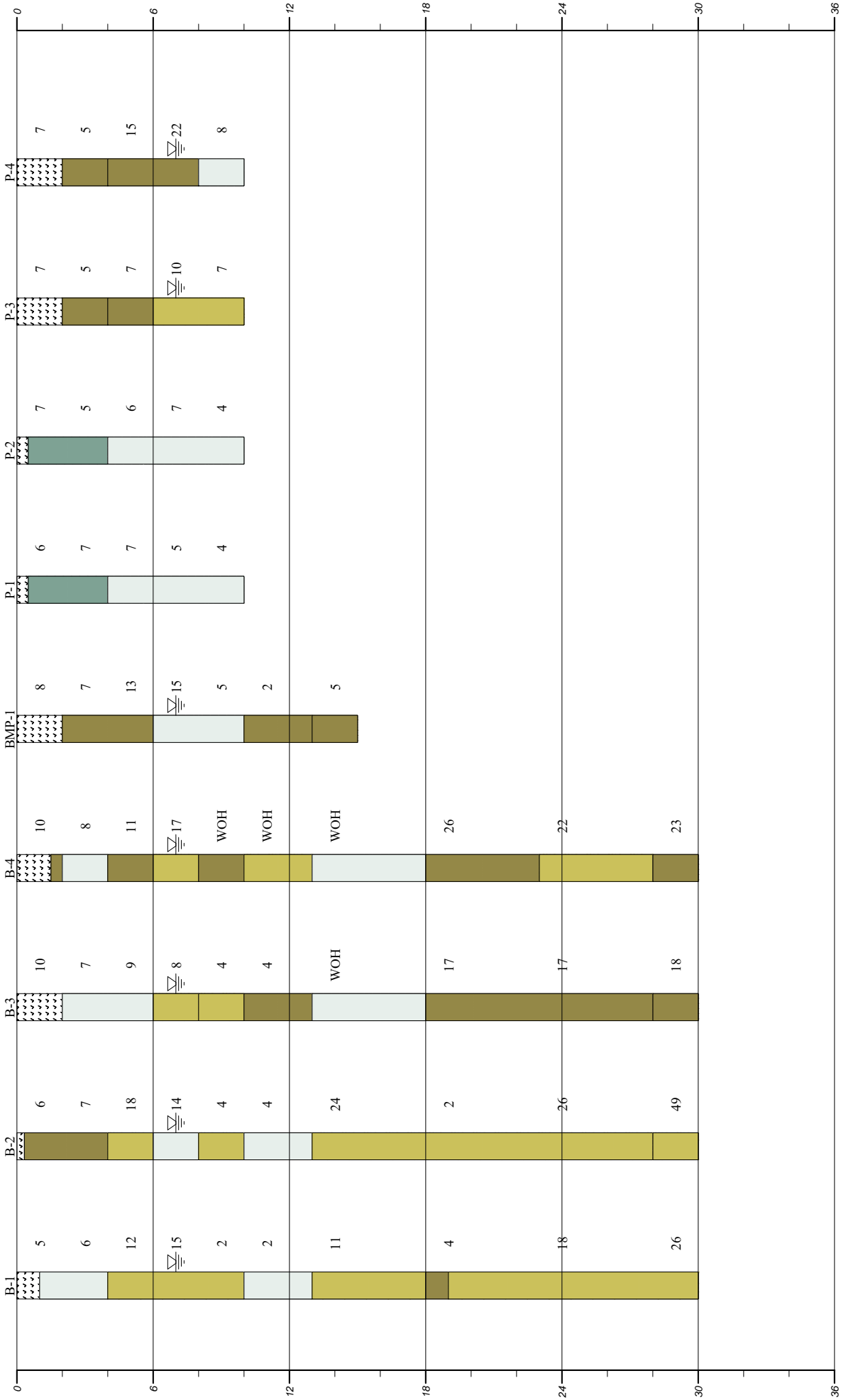
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DEPTH TO - WATER> INITIAL: 7CAVING> C

APPENDIX IV

SOIL PROFILE

Depth in Feet



Strata symbols

Topsoil

Clayey SAND

Poorly graded SAND with silt

Silty SAND

Lean CLAY

Cape Fear Engineering, Inc.
GENERALIZED SOIL PROFILE

HORIZONTAL
SCALE:
VERTICAL
SCALE: 1"=6'

DRAWN BY/APPROVED BY
gwh

DATE DRAWN
2/2/2022

Crestfield Park Apartments
Jacksonville, NC

PROJECT NO. G2021-266

FIGURE NUMBER

PUBLIC EDUCATION CERTIFICATION

Project Name: Crestfield Park Apartments
Proposed No. of
Units: 72 Units
Address: Blue Creek School Road
Jacksonville, Onslow County, North Carolina

Closest street intersection or
landmark: Blue Creek Elementary School
Jacksonville, NC

The above project, which is located in the Southwest school district(s),
will ☒ will not ☐ adversely affect the schools serving this project. Furthermore,
schools located in this district are ☒ are not ☐ considered high risk or poor
performing schools per state or federal performance standards.

The schools that will serve project are: Blue Creek Elementary,
Southwest Middle, Southwest High

Additional
Comments/Conditions/Concerns Southwest Middle School
is projected to be at capacity for the 2021-2022
School year and for the foreseeable future. Blue Creek
Elementary is classified as a low performing school.

9-9-2021

Date

[Signature]
(Officials Signature)

Steve Myers

(Officials Name – Print or Type)

Chief Operating Officer

(Official's Title)

Operations & Facilities
(Department Name)

Note: Copying official letterhead onto this certification is encouraged.



Atlantic Shores Environmental Services, Ltd.

September 7, 2021

Bob Williams
Onslow County Schools
200 Broadhurst Road
Jacksonville, North Carolina 28540
bob.williams@onslow.k12.nc.us

Reference: Crestfield Park Apartments
Blue Creek School Road
Jacksonville, North Carolina

Dear Mr. Williams:

To facilitate compliance with the National Environmental Policy Act of 1969 and HUD Regulations at 24 CFR Part 58, an Environmental Assessment must be completed prior to releasing funds for the proposed project. This letter is a formal request to determine what effect(s) the proposed activity may have on the school system.

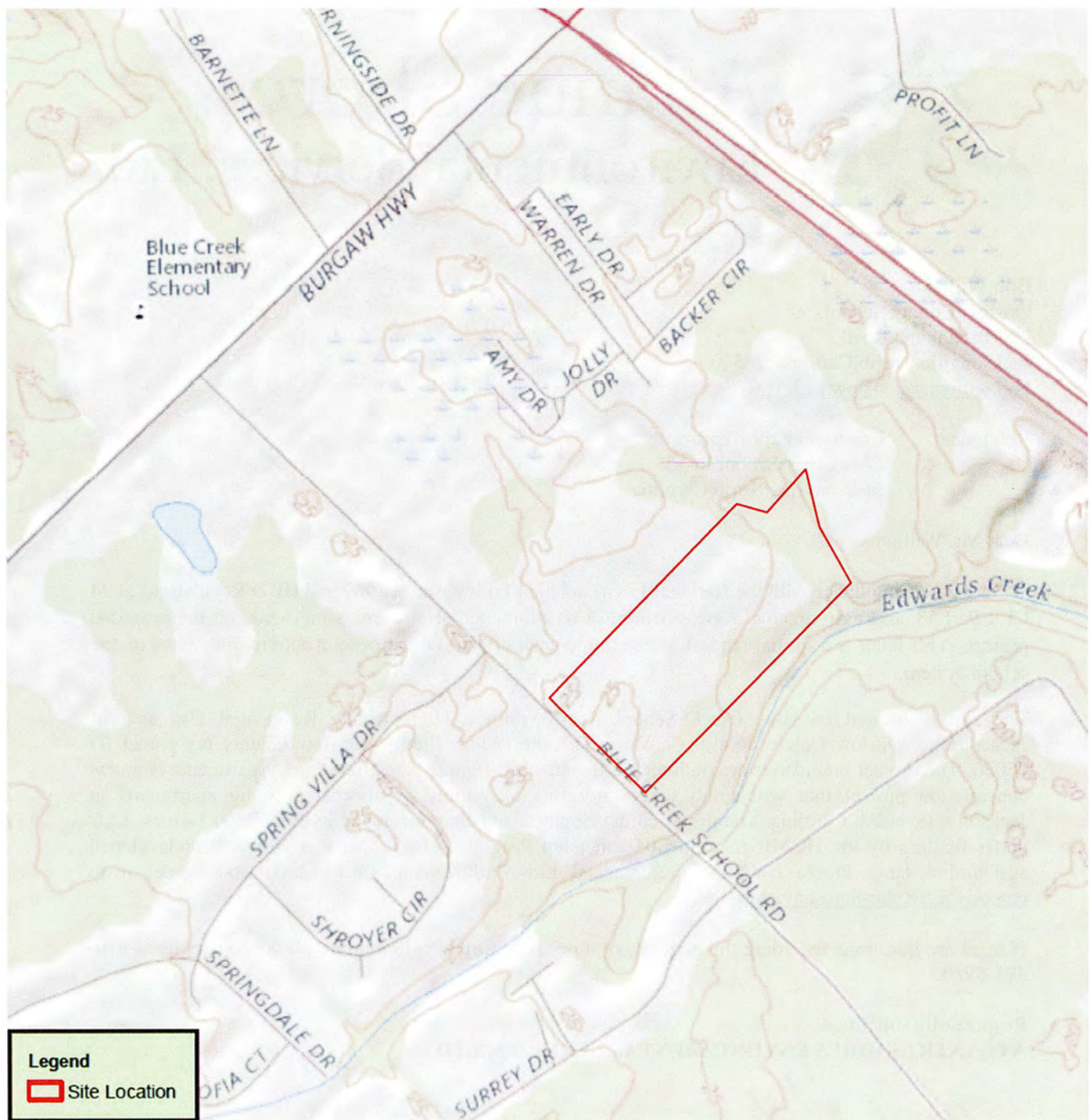
The site is located on Blue Creek School Road within a High-Density Residential Use area of Jacksonville, Onslow County, North Carolina. The site is identified as Onslow County tax parcel ID 05050. The project boundaries are outlined on the attached figures. Crestfield Park Apartments is a new construction project that will result in seventy two (72) units of affordable living apartments in Jacksonville, North Carolina. The proposed development is being developed by East Point Homes, LLC under funding by the HOME Investment Partnership Program. The property is currently undeveloped agricultural land. Please complete the attached Law Enforcement Certification and e-mail it to cmoody@atlanticshoresenv.com.

If there are questions regarding this request, or a need for further information, please contact us at 910-371-5980.

Respectfully submitted,
ATLANTIC SHORES ENVIRONMENTAL SERVICES, LTD.

Cheryl J. Moody, PE
Principal Engineer

Attachments: Site Maps
Certification



Approximate Scale: Not to Scale

FIGURE 1: Topographic Map

Source: USGS



Crestfield Point Apartments
350 Blue Creek School Road
Jacksonville, North Carolina



ASE Project No. 1516
September 2021



Approximate Scale: Not to Scale

FIGURE 2: Aerial Photograph

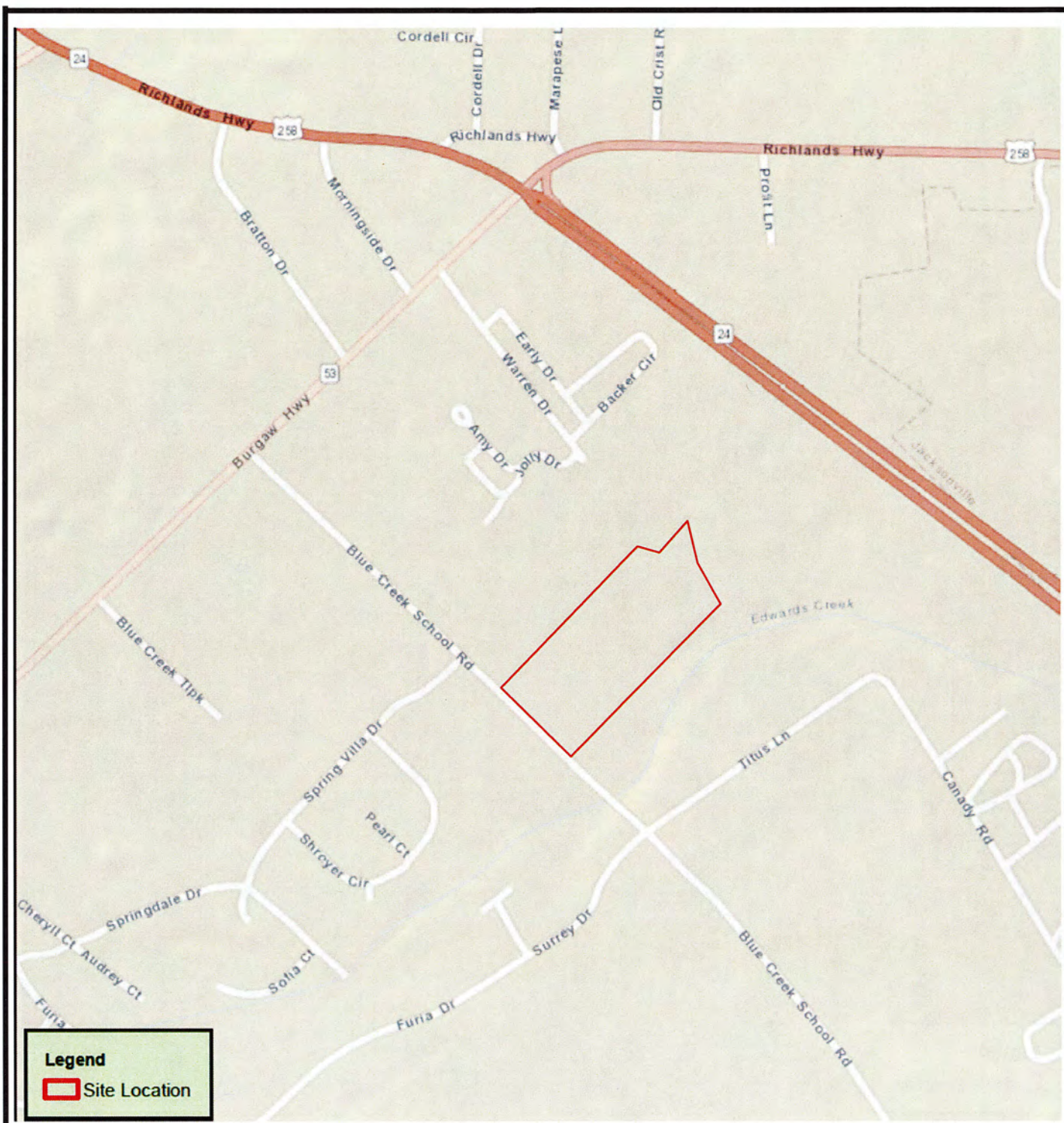
Source: USGS



Crestfield Point Apartments
 350 Blue Creek School Road
 Jacksonville, North Carolina



ASE Project No. 1516
 September 2021



Approximate Scale: Not to Scale

FIGURE 3: Street Map

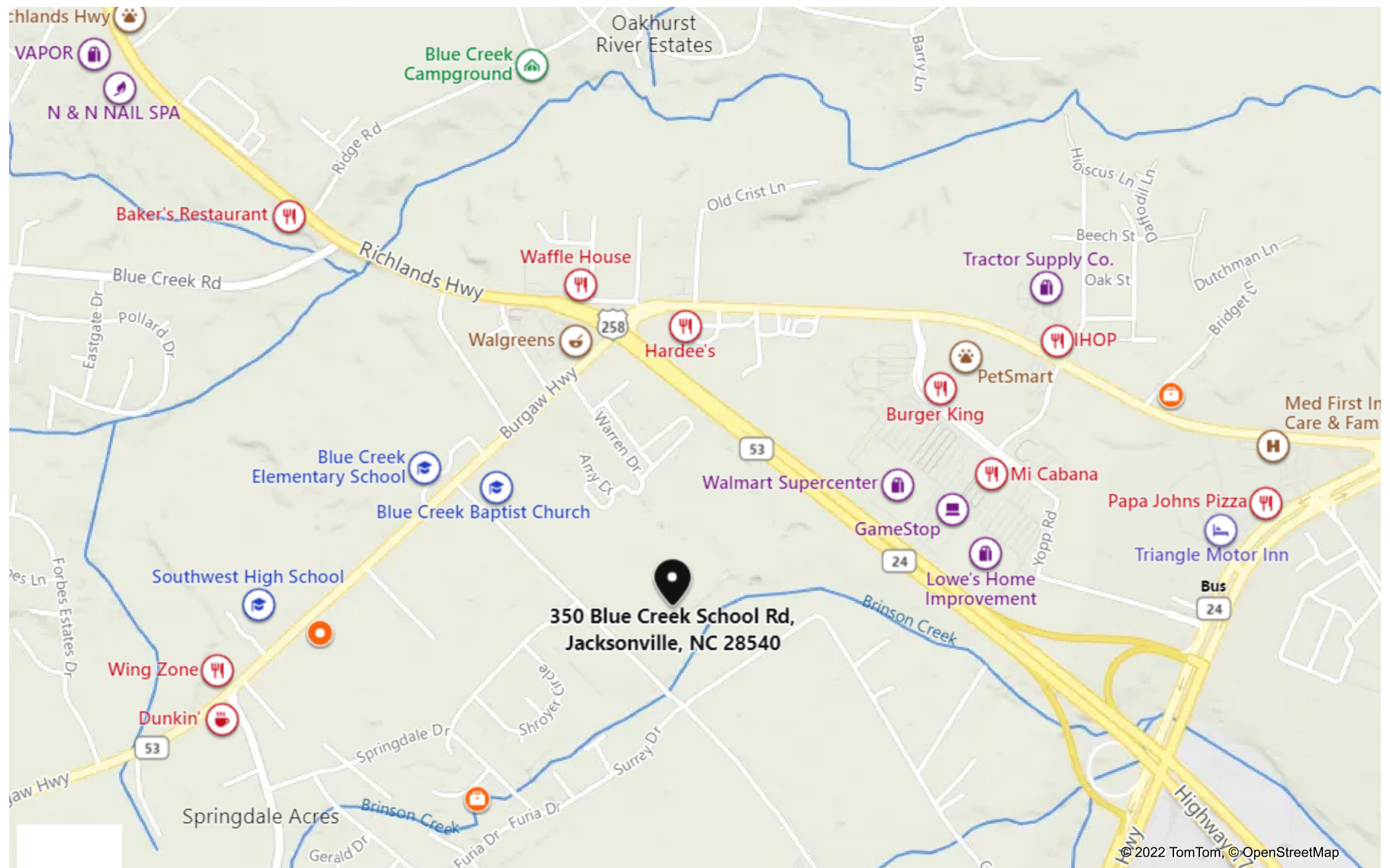
Source: USGS



Crestfield Point Apartments
350 Blue Creek School Road
Jacksonville, North Carolina



ASE Project No. 1516
September 2021



HEALTH SERVICES CERTIFICATION

Project Name: Crestfield Park Apartments
Proposed No. of
Units: 72 Units
Address: Blue Creek School Road
Jacksonville, Onslow County, North Carolina

Closest street intersection or
landmark: Blue Creek Elementary School
Jacksonville, NC

Adequate and appropriate Health Services are ☒ are not ☐
Furthermore, available Health Services will ☐ will not ☒ be adversely affected
by this project.

Health Service/Provider organizations that may serve the project
are:

Onslow County Health Department

Additional
Comments/Conditions/Concerns

12/1/2021
Date

Kristen Richmond-Hoover
(Officials Signature)

Kristen Richmond-Hoover
(Officials Name – Print or Type)

Local Public Health Director
(Official's Title)

Onslow County Health Department
(Department Name)

Note: Copying official letterhead onto this certification is encouraged.



SOCIAL SERVICES CERTIFICATION

Project Name: Crestfield Park Apartments
Proposed No. of
Units: 72 Apartments
Address: Blue Creek School Road, Jacksonville
Onslow County, North Carolina

Closest street intersection or
landmark: Blue Creek Elementary School

Adequate and appropriate Social Services are ☒ are not ☐
Furthermore, available Social Services will ☐ will not ☒ be adversely affected
by this project.

Social organizations that may serve the project are: The Department of Social
Services provides service, whether economic or social,
to all Onslow County citizens if eligible.

Additional
Comments/Conditions/Concerns _____

9/22/2021 Kari J. Sanders
Date (Officials Signature)

Kari J. Sanders
(Officials Name – Print or Type)

Director
(Official's Title)

Onslow County Dept. Social Services
(Department Name)

SOLID WASTE REMOVAL CERTIFICATION

Project Name: Crestfield Park Apartments
Proposed No. of
Units: 72 Apartments
Address: Blue Creek School Road, Jacksonville
Onslow County, North Carolina

Closest street intersection or
landmark: Blue Creek Elementary School

Solid Waste disposal for the above project can be adequately handled by public ☐ or
private collectors ☒ without adversely affecting landfill capacity, ; or Solid Waste
disposal is limited ☐ due to the unavailability of collectors ☐ or adequate landfill
capacity ☐.

Additional
Comments/Conditions/Concerns

9/9/2021

Date

(Officials Signature)

Kayla Pomeroy

(Officials Name – Print or Type)

Business & Administrative Officer

(Official's Title)

Onslow County Solid Waste

(Department Name)

Note: Copying official letterhead onto this certification is encouraged.

From: Wynne Ray WRay@onwasa.com
Subject: RE: Atlantic Shores Environmental Services HUD request
Date: November 29, 2021 at 1:29 PM
To: Owen Platt owen.t.platt@gmail.com
Cc: cmoody@atlanticshoresenv.com

WR

Owen,

The sewer service provider for this parcel is the City of Jacksonville and they have a pump station immediately adjacent to it at 300 Blue Creek School Road. We do have a 6" public water main available on Blue Creek School Road; however, we cannot say it is adequate to serve this use/parcel. The Developer's project engineer is responsible for creating a hydraulic model that is submitted with the plans for review showing us the existing system can support the proposed use. If it is acceptable, we can sign the form and cross out the "and adequate" portion. Please advise.



Wynne M. Ray
Development Services Supervisor

228 Georgetown Road
Jacksonville, NC 28540
Phone: (910) 937-7526
Fax: (910) 455-5607

From: Owen Platt <owen.t.platt@gmail.com>
Sent: Monday, November 29, 2021 12:14 PM
To: Wynne Ray <WRay@onwasa.com>
Cc: cmoody@atlanticshoresenv.com
Subject: Atlantic Shores Environmental Services HUD request

Caution

This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Ms. Ray,

My name is Owen Platt and I'm with Atlantic Shores Environmental Services. I spoke with an ONWASA representative about an email we sent out previously about a HUD request for a property in Jacksonville we need ONWASA's approval on and she gave me your e-mail. Attached is the email we sent previously. Please complete the attached Water and Sewer Certifications and e-mail it to cmoody@atlanticshoresenv.com.

Submitted Respectfully,

Atlantic Shores Environmental Services, LTD.

SOLID WASTE REMOVAL CERTIFICATION

Project Name: Crestfield Park Apartments
Proposed No. of
Units: 72 Apartments
Address: Blue Creek School Road, Jacksonville
Onslow County, North Carolina

Closest street intersection or
landmark: Blue Creek Elementary School

Solid Waste disposal for the above project can be adequately handled by public ☐ or
private collectors ☒ without adversely affecting landfill capacity, ; or Solid Waste
disposal is limited ☐ due to the unavailability of collectors ☐ or adequate landfill
capacity ☐.

Additional
Comments/Conditions/Concerns

9/9/2021

Date

(Officials Signature)

Kayla Pomeroy

(Officials Name – Print or Type)

Business & Administrative Officer

(Official's Title)

Onslow County Solid Waste

(Department Name)

Note: Copying official letterhead onto this certification is encouraged.

CITY OF JACKSONVILLE

Engineering & Construction Division



December 20, 2021

Mark McCloskey
Eastpoint Homes
166 Center Street
Jacksonville NC, 28546


Re: Water and Sewer Availability Crestfield Point Apartments (Proposed Development)

Dear Mr. McCloskey:

It is our understanding that Eastpoint homes, LLC has interest in developing a multifamily housing development in the Southwest area which is currently known as Crestfield Point Apartments. Please be advised that policies and fees have been approved by City Council and are in place for land use planning, allocation of sewer capacity, and implementation of developments of this nature. Water and sewer capacity are currently available to serve the proposed 72-unit and community building development. Sewer allocation will be reviewed upon receipt

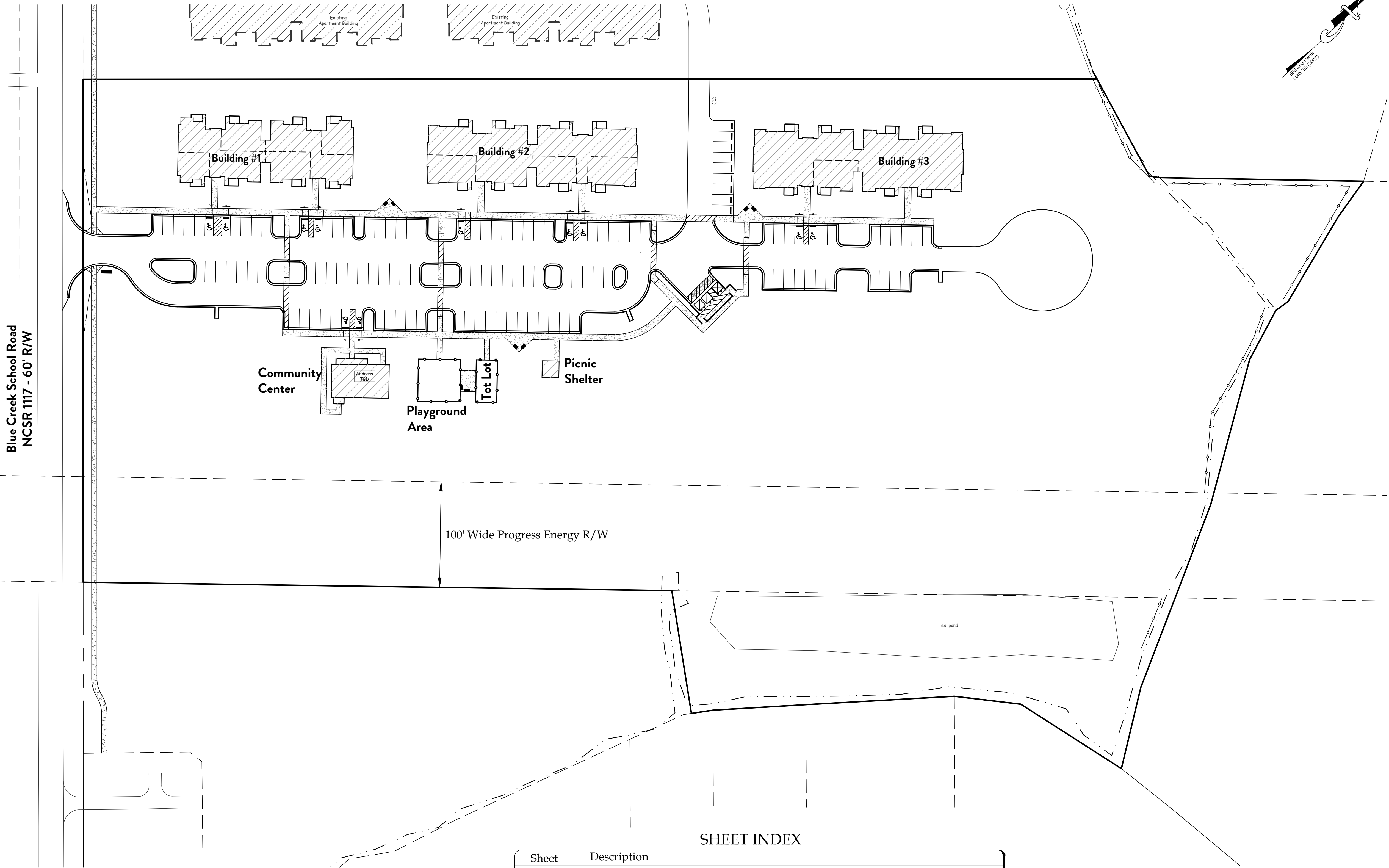
Staff that are knowledgeable in all aspects of taking a development such as this from conception to reality are available to answer questions and assist you with all aspects of this project. Please contact me at your convenience if staff can provide further information and/or assist in any way with your pursuance of this matter.

Sincerely,


S. Michael Moore
Construction Specialist

CRESTFIELD POINT APARTMENTS

Jacksonville Township, Onslow County, North Carolina



Overall Site

Not to Scale

SHEET INDEX

Sheet	Description
1	Cover/Index Sheet
2	Site Plan
3	Existing Conditions Plan
4	Landscape Plan
5	Foundation Landscape Plan
6	Grading, Drainage, and Erosion & Sedimentation Control Plan
7	Water and Sewer Plan
8	Plan & Profile of Water Line "A"
9	Plan & Profile of Water Line "B"
10	Site Detail Sheet
11	Grading, Drainage, and Erosion & Sedimentation Control Detail Sheet
12	Water and Sewer Detail Sheet
13	NCG01 Detail Sheet

PRELIMINARY - DO NOT
USE FOR CONSTRUCTION

Master Legend:

- Ac - Acres
- B-B - Back of Curb to Back of Curb
- BO - Blow Off
- CL - Centerline
- CB - Catch Basin w/ Inlet Protection
- CO - Cleanout
- Conc. - Concrete
- C&G - Curb & Gutter
- D.B. - Deed Book
- DI - Ductile Iron
- esp - Edge of Pavement
- Elev. - Elevation
- Ex. - Existing
- ebc - Existing Blow-off
- ecav - Existing Cable TV Box
- efh - Existing Fire Hydrant
- egv - Existing Gate Valve
- egw - Existing Guy Wire
- epb - Existing Phone Box
- epp - Existing Power Pole
- essmh - Existing Sanitary Sewer Manhole
- ewm - Existing Water Meter
- FFE - Finish Floor Elevation
- FH - Fire Hydrant
- FIS - Flared End Section
- FL - Flow Line
- GV - Gate Valve
- H/C - Handicap
- Inv. - Invert
- L.F. - Linear Feet
- M.B. - Map Book
- MEG - Match Existing Grade
- MH - Manhole
- Min. - Minimum
- MBL - Minimum Building Line
- NCDOT - North Carolina Department of Transportation
- N.C.S.R. - North Carolina Secondary Road
- Pg. - Page
- P.T. - Plug Tapped
- PVI - Point of Vertical Intersection
- PVC - Polyvinyl Chloride Pipe
- R - Radius
- RCP - Reinforced Concrete Pipe
- RRA - Rip Rap Apron
- R/W - Right-of-way
- RCD - Rock Check Dam
- SS - Sanitary Sewer
- SFM - Sewer Force Main
- Sta. - Station
- S.F. - Square Foot
- Typ. - Typical
- V.C. - Vertical Curve
- WM - Water Meter
- YI - Yard Inlet w/ Inlet Protection
- x24.66 - Existing Spot Elevation
- Flow Arrow
- Handicap Parking
- Landscape Island Identification
- Proposed Pipe Label
- Proposed Spot Elevation
- Shrubs
- Stop Bar
- Stop Sign
- Street Address
- Top of Curb Elevation
- Flow Line Elevation

THIS DOCUMENT ORIGINALLY ISSUED AND SEALED BY
(PRELIMINARY - NOT FOR CONSTRUCTION) (REGISTRATION
NUMBER) ON (PRELIMINARY - NOT FOR CONSTRUCTION).
THIS MEDIA SHALL NOT BE CONSIDERED A CERTIFIED DOCUMENT.

Developer:

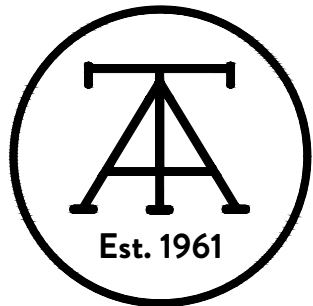
**Carolina Statewide
Development, LLC**
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

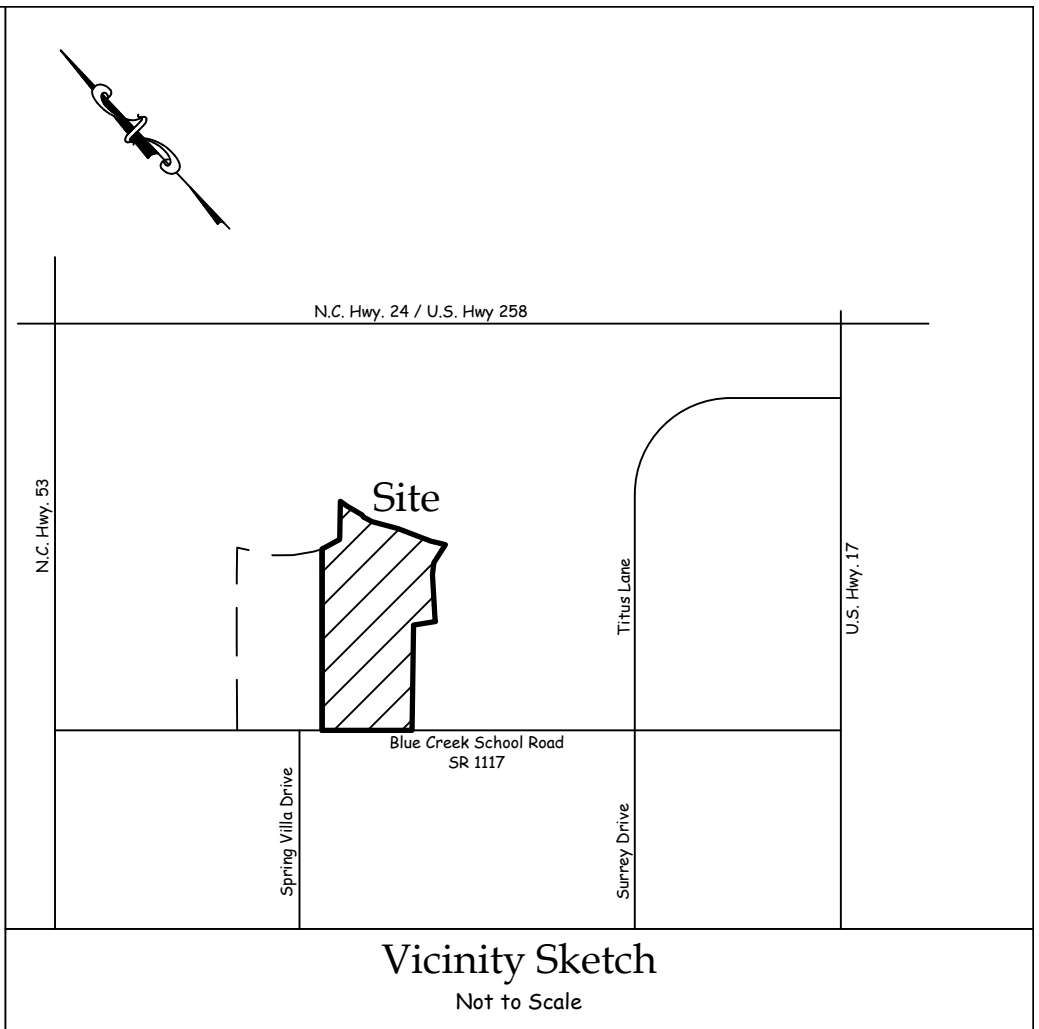
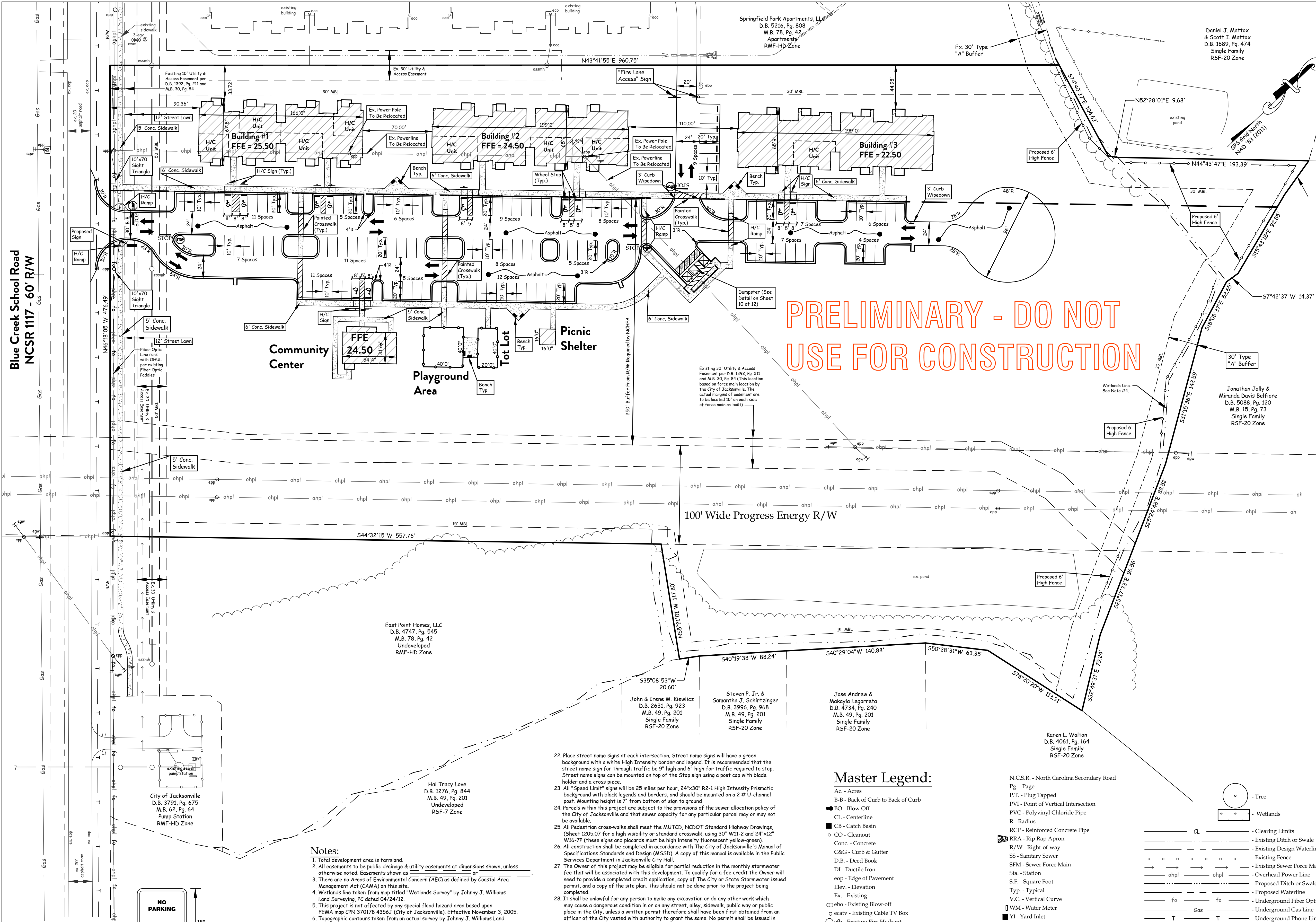
Owner:

East Point Homes, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

TIDEWATER ASSOCIATES, INC.

Consulting Engineers - Land Surveyors - Land Planners
Jacksonville, North Carolina
P.O. Box 976 - 306 New Bridge Street - 28540
Phone (910) 455-2414 - www.TidewaterENC.com
Firm License Number: F-0108





Tract Data	
Total Acreage	13.22 Ac.
Acreage of land to be disturbed and exposed	8.77 Ac.
Acreage in parks or other recreation land usage	0 Ac.
Acreage in open space (Required)	13.22 Ac. x 25% = 3.3 Ac.
Acreage in open space (Provided)	9.8 Ac.
Zone	RMF-HD (City of Jacksonville)
Number of Lots Existing	1
Number of Lots Proposed	1
Number of Units	72 (8 H/C Units)
Minimum Lot Size Allowed	n/a
Average Lot Size	n/a
Ownership Status	Rental
Type of Units	Apartments
Net Density Allowed (Max.)	25 Units/Acre
Density Proposed	5.45 Units/Acre
Existing Use(s)	Undeveloped
Proposed Use(s)	Apartments
Water Service	ONWASA
Sewer Service	COJ

Deed References:
D.B. 4747, Pg. 545
M.B. 78, Pg. 42
Tax Map 332, Parcel 88 PIN 435612963919

Setbacks	
Front Setback, min. (feet)	50 feet from R/W
Corner Side Setback, min. (feet)	30 feet from R/W
Rear Setback, min. (feet)	30 feet
Side Setback, min. (feet)	5 feet
Spacing Between Buildings, min. (feet)	10 feet, 15 feet for buildings over 35 feet tall

Building Data:	
Max. Building Height allowed	56'
Proposed Max. Height of Building	Apartment Building #1 = 35'± (3 Stories) Apartment Building #2 = 35'± (3 Stories) Apartment Building #3 = 35'± (3 Stories) Clubhouse = 15'± Picnic Pavilion = 15'
Sprinkler	YES - Apartment Buildings NO - Clubhouse
Existing Building Square Footage	0 S.F.
Proposed Building Square Footage	Apartment Building #1 = 26,930 S.F. Apartment Building #2 = 31,562 S.F. Apartment Building #3 = 31,562 S.F. Community Center = 1,874 S.F. Picnic Pavilion = 350 S.F. 92,278 S.F.
Total Building Square Footage	92,278 S.F.
Construction Materials	Vinyl siding with brick veneer base

Parking Data:	
Parking Required	Apartment Buildings 1.75 per dwelling unit 1.75 x 72 = 126 spaces (5 H/C Spaces)
Compact Spaces Allowed (up to 25% for lots w/ 10 or more spaces)	32 Spaces
Existing Parking	0 Spaces
Parking Provided	127 Spaces (11 H/C Spaces)
Compact Spaces Provided	0 Spaces
Total Parking	127 Spaces (11 H/C Spaces)

THIS DOCUMENT ORIGINALLY ISSUED AND SEALED BY (PRELIMINARY - NOT FOR CONSTRUCTION), (REGISTRATION NUMBER) ON (PRELIMINARY - NOT FOR CONSTRUCTION). THIS MEDIA SHALL NOT BE CONSIDERED A CERTIFIED DOCUMENT.

All Radii are 5' Unless Otherwise Noted
All Radii Are From Back of Curb

Site Plan - Type II
CRESTFIELD POINT APARTMENTS
Blue Creek School Road
Jacksonville Twp., Onslow Co., North Carolina

Developer:
Carolina Statewide Development, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

DATE: 02/21/2022
SCALE: 1"=50'

GRAPHIC SCALE: 1"=50'
0 50 100 150
FEET

TIDEWATER ASSOCIATES, INC.
Consulting Engineers - Land Surveyors - Land Planners
Jacksonville, North Carolina
P.O. Box 976 - 306 New Bridge Street - 28540
Phone (910) 455-2414 - www.TideWaterENC.com
Firm License Number: F-1018

- Master Legend:**
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 - DI - Ductile Iron
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 - ebc - Existing Blow-off
 - ecav - Existing Cable TV Box
 - eth - Existing Fire Hydrant
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 - esmb - Existing Sanitary Sewer
 - ewm - Existing Water Meter
 - FFE - Finish Floor Elevation
 - FH - Fire Hydrant
 - FES - Flared End Section
 - FL - Flow Line
 - GV - Gate Valve
 - H/C - Handicap Inv. - Invert
 - L.F. - Linear Feet
 - M.B. - Map Book
 - MEG - Match Existing Grade
 - MI - Manhole
 - Min - Minimum
 - MBL - Minimum Building Line
 - NCDOT - North Carolina Department of Transportation
22. Place street name signs at each intersection. Street name signs will have a green background with a white High Intensity border and legend. It is recommended that the street name sign for through traffic be 9' high and 6' high for traffic required to stop. Street name signs can be mounted on top of the Stop sign using a post cap with blade holder and a cross piece.
23. All "Speed Limit" signs will be 25 miles per hour, 24"x30" R2-1 High Intensity Prismatic background with black legends and borders, and should be mounted on a 2 # U-channel post. Mounting height is 7' from bottom of sign to ground.
24. Parcels within this project are subject to the provisions of the sewer allocation policy of the City of Jacksonville and that sewer capacity for any particular parcel may or may not be available.
25. All Pedestrian cross-walks shall meet the MUTCD, NCDOT Standard Highway Drawings, (Sheet 1205.07 for a high visibility or standard crosswalk, using 30" W11-2 and 24"x12" W10-7P (these signs and placards must be high intensity fluorescent yellow-green).
26. All construction shall be completed in accordance with The City of Jacksonville's Manual of Specifications Standards and Design (MSSD). A copy of this manual is available in the Public Services Department in Jacksonville City Hall.
27. The Owner of this project may be eligible for partial reduction in the monthly stormwater fee that will be associated with this development. To qualify for a fee credit the Owner will need to provide a completed credit application, copy of the City or State Stormwater issued permit, and a copy of the site plan. This should not be done prior to the project being completed.
28. It shall be unlawful for any person to make any excavation or do any other work which may cause a dangerous condition in or on any street, alley, sidewalk, public way or public place in the City, unless a written permit therefor shall have been first obtained from an officer of the City vested with authority to grant the same. No permit shall be issued in any case where a bond is required, until a bond shall have been executed and filed with the City clerk. The officer having authority to grant the desired permit may refuse to grant the same for good and sufficient cause, but the applicant thereafter shall have the right to appeal from such refusal to the council.
29. All drives & parking to be asphalt.
30. Common areas (including drives and parking) will be maintained by the Crestfield Point Apartments Homeowners Associations.
31. 20' utility & access easement to be centered over all water mains, 30' utility & access easement to be centered over all sewer mains & 10' utility & access easements to be centered over all services up to & including water meters & sewer clean-outs
32. The drives inside this project are private. The drives are designed for and shall allow access by public service and public safety vehicles. A permanent easement shall be recorded on the final plat allowing use by the lot owners and building occupants and by public service and safety agencies. The developer / subdividers shall execute and record on the final plat an approved statement waiving any claims for damage resulting from normal use by public service and safety agencies, waiving rights to request municipal maintenance in the future, acknowledging public agencies' rights to discontinue service unless the street or drive is maintained properly, and establishing responsibility for continuing maintenance of the private street or drive. This information and the private nature of the street or drive shall also be included as a covenant in all transfers of lots or units in the development.
33. For additional details, see specifications and additional plans.
34. Slopes: 3:1 Seeding Allowed, 2:1 Sod Required, 1:1 Not Allowed Unless Engineered (Retaining Wall) and Not Within an Easement.
35. Refuse Collection area will be constructed to match Primary Buildings.
36. Stop / Yield bars shall be a minimum of 4 feet behind the crosswalk. When used on multi-lane highways or mid-block crosswalks the stop bar should be a minimum of 40 feet prior to the crosswalk.
37. Place the word STOP in advance of the stop bars at the end of parking isles.
38. Erosion control measures are performance based and may require adjustments as needed.
39. For erosion control requirements, refer to the approved permit / plan.
40. Existing ditch banks are not to be disturbed and if existing ditch banks are disturbed, they shall be graded to have 3:1 or flatter side slopes and the centerline graded to produce positive drainage.

Blue Creek School Road
NCSR 117 - 60' R/W

Community Center
FFE = 24.50
Picnic Shelter
Playground Area
Tot Lot

Building #1
FFE = 25.50
Building #2
FFE = 24.50
Building #3
FFE = 22.50

Notes:

1. Total development area is farmland.

2. All easements to be public drainage & utility easements at dimensions shown, unless otherwise noted. Easements shown as

3. There are no Areas of Environmental Concern (AEC) as defined by Coastal Area Management Act (CAMA) on this site.

4. Wetlands line taken from map titled "Wetlands Survey" by Johnny J. Williams Land Surveying, PC dated 04/24/12.

5. This project is not affected by any special flood hazard area based upon FEMA map OPN 370178 43562 (City of Jacksonville), Effective November 3, 2005.

6. Topographic contours taken from an actual survey by Johnny J. Williams Land Surveying, P.C. in December 28, 2009. Topographic contours shown on sheets 3 and 5.

7. Boundary date per survey by Johnny J. Williams Land Surveying, PC in December, 2009.

8. Adjoining property information per Onslow County Tax Records.

9. Exterior lighting to be by others, exterior lighting shall not adversely affect any traffic or adjacent properties. Lighting design to be by others. Lighting to be 25 Foot Candles at PL and 25 Foot Max Height.

10. All distances are horizontal ground, U.S. Survey Feet.

11. No Register of Deeds search done by, or furnished to surveyor in regards to Deed or Covenant Restrictions.

12. Elevations per NAVD '88 Datum.

13. Site subject to Jacksonville Comprehensive Bicycle and Pedestrian Plan.

14. Sidewalks shall be free of cracks and breaks prior to the issuance of a Final Certificate of Occupancy.

15. The existence of utilities may imply the existence of an easement.

16. No USGS or NCOS monuments within 2000' of site.

17. Setbacks are subject to change and should follow correct zoning setbacks requirements.

18. Property lying beyond streets right-of-way and within bounds of sight triangles shall remain as property of homeowners, but shall have no plantings, shrubbery, or other obstructions which will impede driver's vision (This does not include Public Utilities, or street markers, traffic signs and controls). The homeowners should ensure that all applicable standards of the City of Jacksonville are met.

19. Areas noted for trails and greenways and/or required sidewalks shall be unobstructed from 6 inches below grade to 10 feet above grade (overhead clearance). Telephone pedestals, electric transformers, drop inlets, fences, or any other obstructions shall be removed and/or relocated in order to create and maintain this clearance and shall be free of cracks and damage prior to the issuance of a Final Certificate of Occupancy.

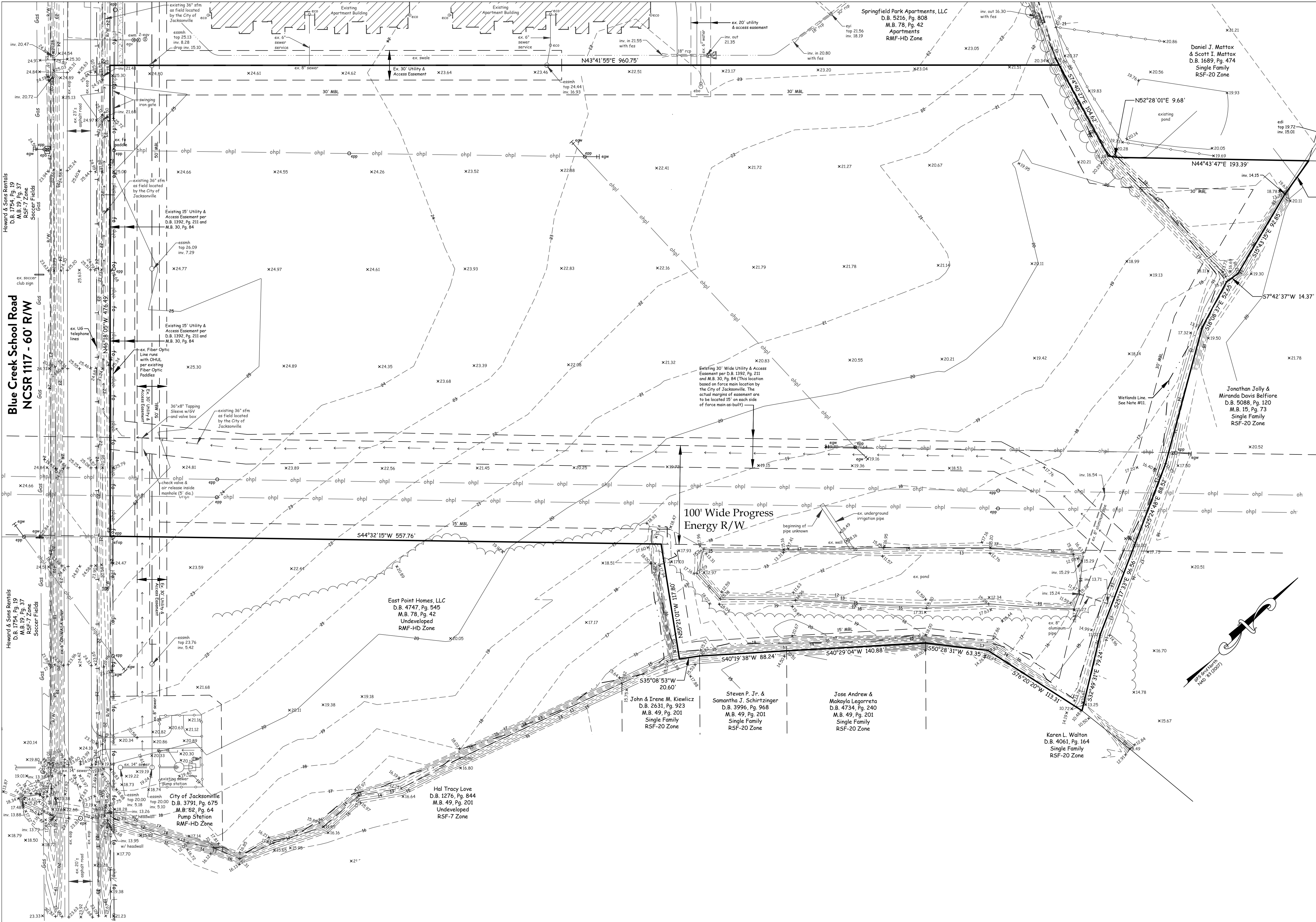
20. Stop Signs - R1-1 High Intensity Prismatic, 30" (36 inches) shall be used when the sign face multi-lane approaches. Where side roads intersect a multi-lane street or highway that has a speed limit of 45 mph or higher, the minimum size of the STOP signs facing the side road approaches, even if the side road only has an approach lane shall be 36x36 inches. Mounting height is 7 feet to the bottom of the sign. U-Channel posts should be used for mounting.

21. All Traffic Control Devices (signs, pavement markings, etc.) will meet the Federal MUTCD, NC supplement to the MUTCD, and City of Jacksonville MSSD standards.

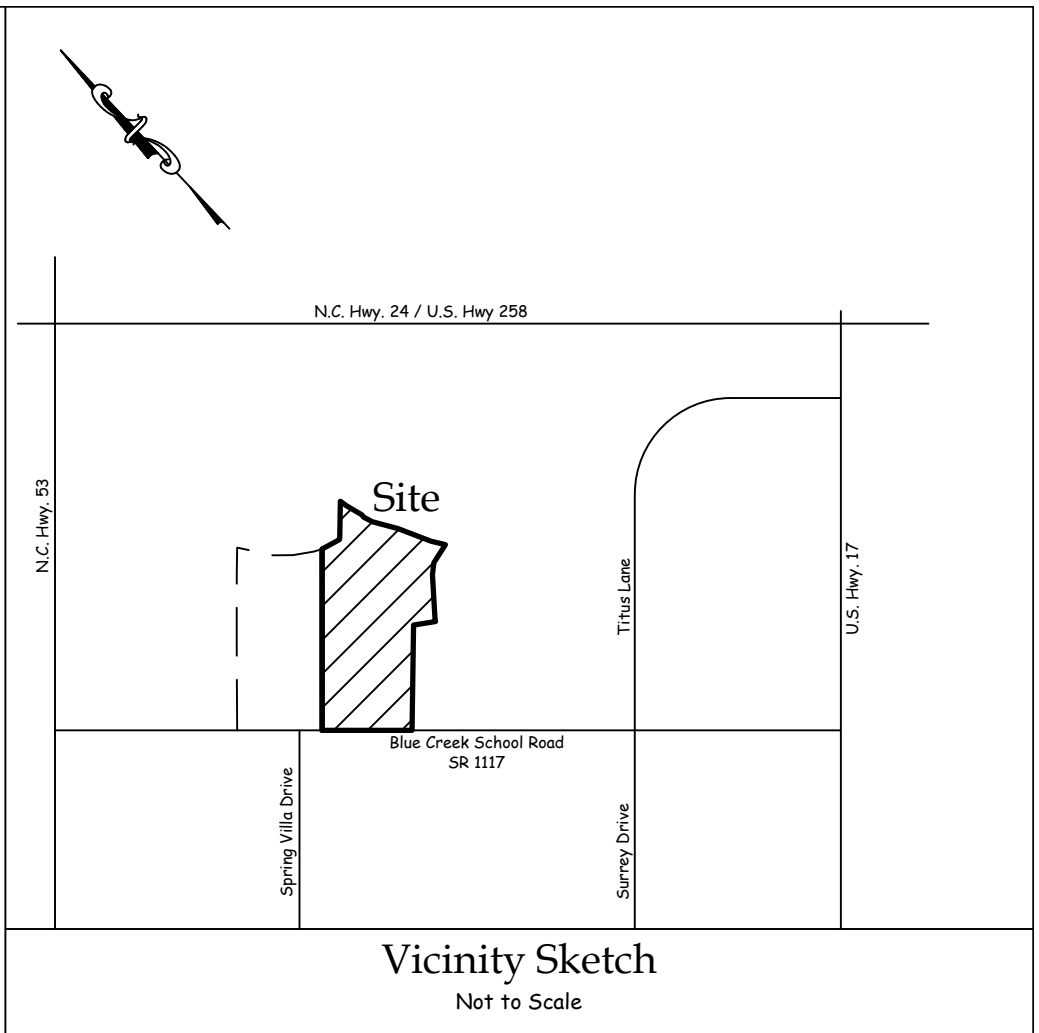
Sign Type "D"
Not to Scale
(NC Fire Code D103.6)

NO PARKING
FIRE LANE
18'
12'

**** Signs to be installed per Appendix D of the North Carolina Fire Code. ****



Legend:
See Sheet 1 of 13
(Master Legend)



Tract Data	
Total Acreage	13.22 Ac.
Percentage of Site Devoted To Open Space	100%
Number of Lots Existing	1
Number of Units Existing	0
Existing Use()	Undeveloped
Water Service	ONWASA
Sewer Service	COJ
Zone	RMF-HD (City of Jacksonville)

Deed References:

D.B. 4747, Pg. 545
M.B. 78, Pg. 42
Tax Map 332, Parcel 88 PIN 435612963919

Setbacks

Front Setback, min. (feet)	50 feet from R/W
Corner Side Setback, min. (feet)	30 feet from R/W
Rear Setback, min. (feet)	30 feet
Side Setback, min. (feet)	5 feet
Spacing Between Buildings, min. (feet)	10 feet, 15 feet for buildings over 35 feet tall

Notes:

1. Total development area is farmland.
2. No USGS or NGS monuments within 2000' of site.
3. No Register of Deed Search done by or furnished to surveyor in regards to Deed or Covenant Restrictions.
4. The GPS portion of the boundary/control work was performed to third order, Class I, FGCC specifications, the coordinates were obtained by Real Time Kinematic Differential GPS Observations using Trimble Survey Grade 5800 GPS Unit, NGS RTK Network Adjustments to NC Grid NAD 83, 2011 Adjustments. Average Positional Accuracy is 0.04' for the Irons.
5. All distances are horizontal ground, U.S. Survey Feet.
6. Elevations per NAVD '88 Datum.
7. The existence of utilities may imply the existence of an easement.
8. Existing water line sizes and location taken from plans provided by the City of Jacksonville and field locations.
9. Existing sewer line size and location taken from plans provided by the City of Jacksonville and field locations.
10. There are no Areas of Environmental Concern (AEC) as defined by Coastal Area Management Act (CAMA) on this site.
11. Wetlands line taken from map titled "Wetlands Survey" by Johnny J. Williams Land Surveying, PC dated 04/24/12.
12. This project is not affected by any special flood hazard area based upon FEMA map GEN 370176 4356J (City of Jacksonville), Effective November 3, 2005.
13. Topographic contours taken from an actual survey by Johnny J. Williams Land Surveying, P.C. in December 28, 2009.
14. Boundary data per survey by Johnny J. Williams Land Surveying, PC in December, 2009.

Note:
Contractor shall insure that he and all his workers (contractors, subcontractors and other site personnel) do not damage construction stakes or other measures used in laying out the project whether by the Engineer or another entity including those under the employ of the contractor. Contractor shall cause his workers to observe and verify to the fullest extent practicable that stakes, other measures and grades are, or appear to be, accurate and correct, and immediately, but prior to any associated work, notify the staking entity of any potential conflict, error or question regarding the work. The Engineer shall not be responsible if all of the above measures are not strictly adhered to. The Engineer shall not be responsible where due to damage, his staking can not be verified. For critical or costly components of the work, where the contractor believes that staking may not be preserved, the contractor shall request the staking entity to place staking in an area where its preservation can be insured.

PRELIMINARY - DO NOT
USE FOR CONSTRUCTION

Owner:
East Point Homes, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

Existing Conditions Plan

CRESTFIELD POINT APARTMENTS

Blue Creek School Road
Jacksonville Twp., Onslow Co., North Carolina

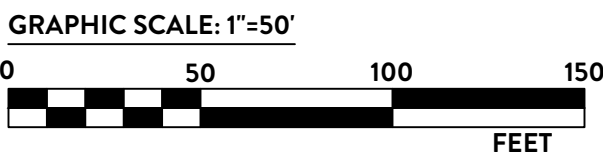
Developer:

Carolina Statewide Development, LLC

166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

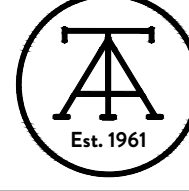
DATE: 02/21/2022

SCALE: 1"=50'



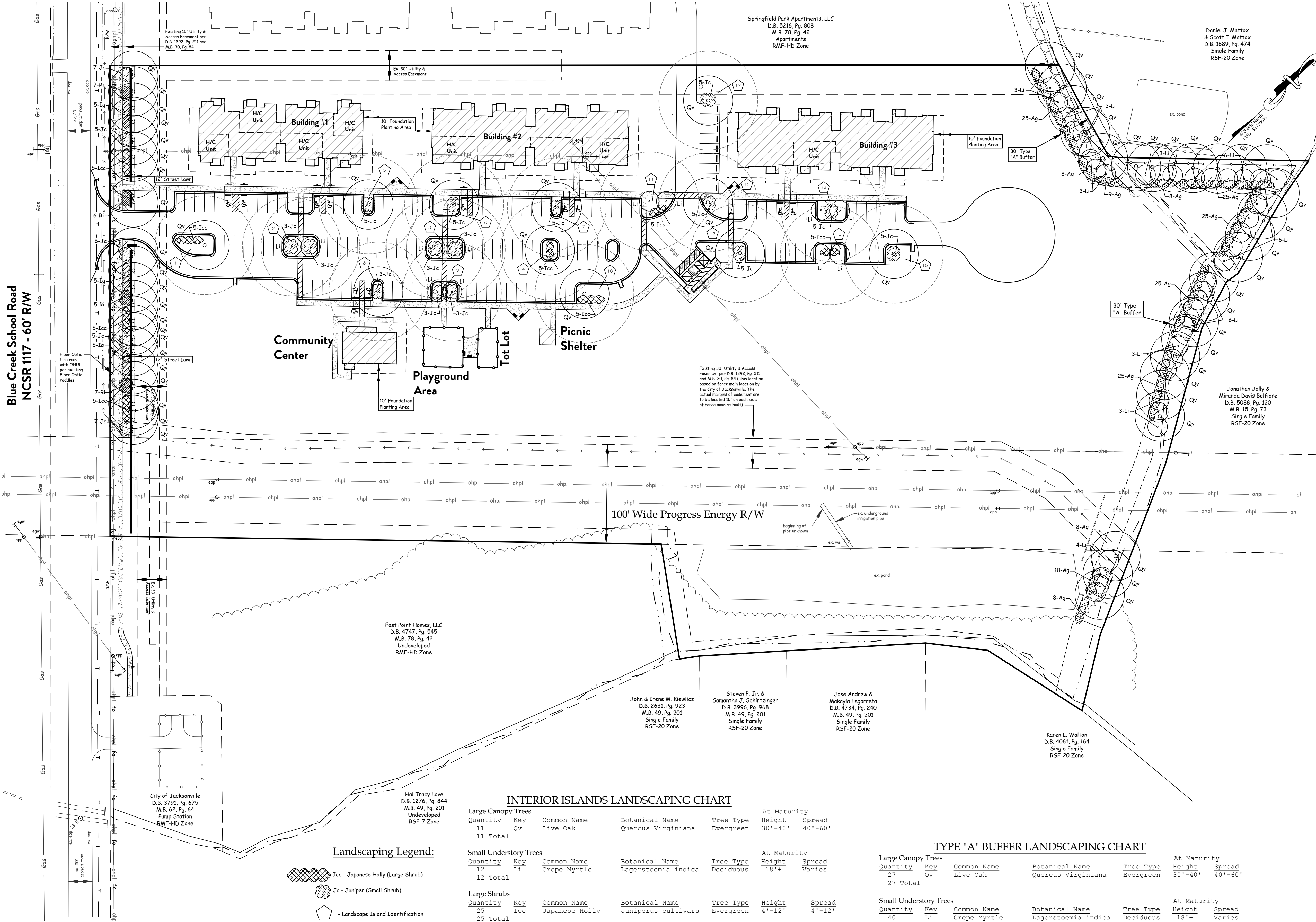
TIDEWATER ASSOCIATES, INC.

Consulting Engineers - Land Surveyors - Land Planners
Jacksonville, North Carolina
P.O. Box 976 - 306 New Bridge Street - 28540
Phone (910) 455-2414 - www.TidewaterENC.com
Firm License Number: F-0108



Field Book: N/A
Disk Name: Acad #2897
Filename: Crestfield - Site.dwg KHW
Job No.: C210826-7848

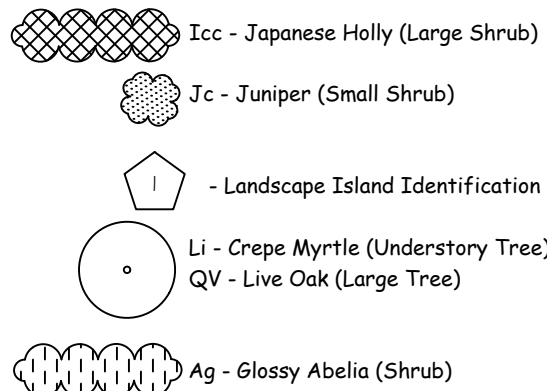
Blue Creek School Road
NCSR 1117 - 60' R/W



Note:

Contractor shall insure that he and all his workers (contractors, subcontractors and other site personnel) do not damage construction stakes or other measures used in laying out the project whether by the Engineer or another entity including those under the employ of the contractor. Contractor shall cause his workers to observe and verify to the fullest extent practicable that stakes, other measures and grades are, or appear to be, accurate and correct, and immediately, but prior to any associated work, notify the staking entity of any potential conflict, error or question regarding the work. The Engineer shall not be responsible if all of the above measures are not strictly adhered to. The Engineer shall not be responsible where due to damage, his staking can not be verified. For critical or costly components of the work, where the contractor believes that staking may not be preserved, the contractor shall request the staking entity to place staking in an area where its preservation can be insured.

Landscaping Legend:



INTERIOR ISLANDS LANDSCAPING CHART

Large Canopy Trees		Common Name		Botanical Name	Tree Type	Height	Spread
Quantity	Key						
11	Qv	Live Oak		Quercus Virginiana	Evergreen	30'-40'	40'-60'
11	Total						
Small Understory Trees		Common Name		Botanical Name	Tree Type	Height	Spread
Quantity	Key						
12	Li	Crepe Myrtle		Lagerstoemia indica	Deciduous	18'+	Varies
12	Total						
Large Shrubs		Common Name		Botanical Name	Tree Type	Height	Spread
Quantity	Key						
25	Icc	Japanese Holly		Juniperus cultivars	Evergreen	4'-12'	4'-12'
25	Total						
Small Shrubs		Common Name		Botanical Name	Tree Type	Height	Spread
Quantity	Key						
63	Jc	Junipers		Juniperus cultivars	Evergreen	1'-20'	1'-10'
63	Total						

STREET LAWN LANDSCAPING CHART

Large Canopy Trees		Common Name		Botanical Name	Tree Type	Height	Spread
Quantity	Key						
21	Qv	Live Oak		Quercus Virginiana	Evergreen	30'-40'	40'-60'
21	Total						
Large Shrubs		Common Name		Botanical Name	Tree Type	Height	Spread
Quantity	Key						
15	Icc	Japanese Holly		Ilex crenata cultivars	Evergreen	4'-12'	4'-12'
15	Ig	Inkberry Holly		Ilex glabra	Evergreen	5'-10'	5'-10'
30	Total						
Small Shrubs		Common Name		Botanical Name	Tree Type	Height	Spread
Quantity	Key						
25	Jc	Junipers		Juniperus cultivars	Evergreen	1'-20'	1'-10'
25	Ri	Indian Hawthorn		Raphiolepis indica	Deciduous	5'-7'	4'-6'
50	Total						

TYPE "A" BUFFER LANDSCAPING CHART

Large Canopy Trees		Common Name		Botanical Name	Tree Type	Height	Spread
Quantity	Key						
27	Qv	Live Oak		Quercus Virginiana	Evergreen	30'-40'	40'-60'
27	Total						
Small Understory Trees		Common Name		Botanical Name	Tree Type	Height	Spread
Quantity	Key						
40	Li	Crepe Myrtle		Lagerstoemia indica	Deciduous	18'+	Varies
40	Total						
Shrubs		Common Name		Botanical Name	Tree Type	Height	Spread
Quantity	Key						
168	Ag	Glossy Abelia		Abelia grandiflor	Evergreen	3'-6'	3'-6'
168	Total						

Owner:

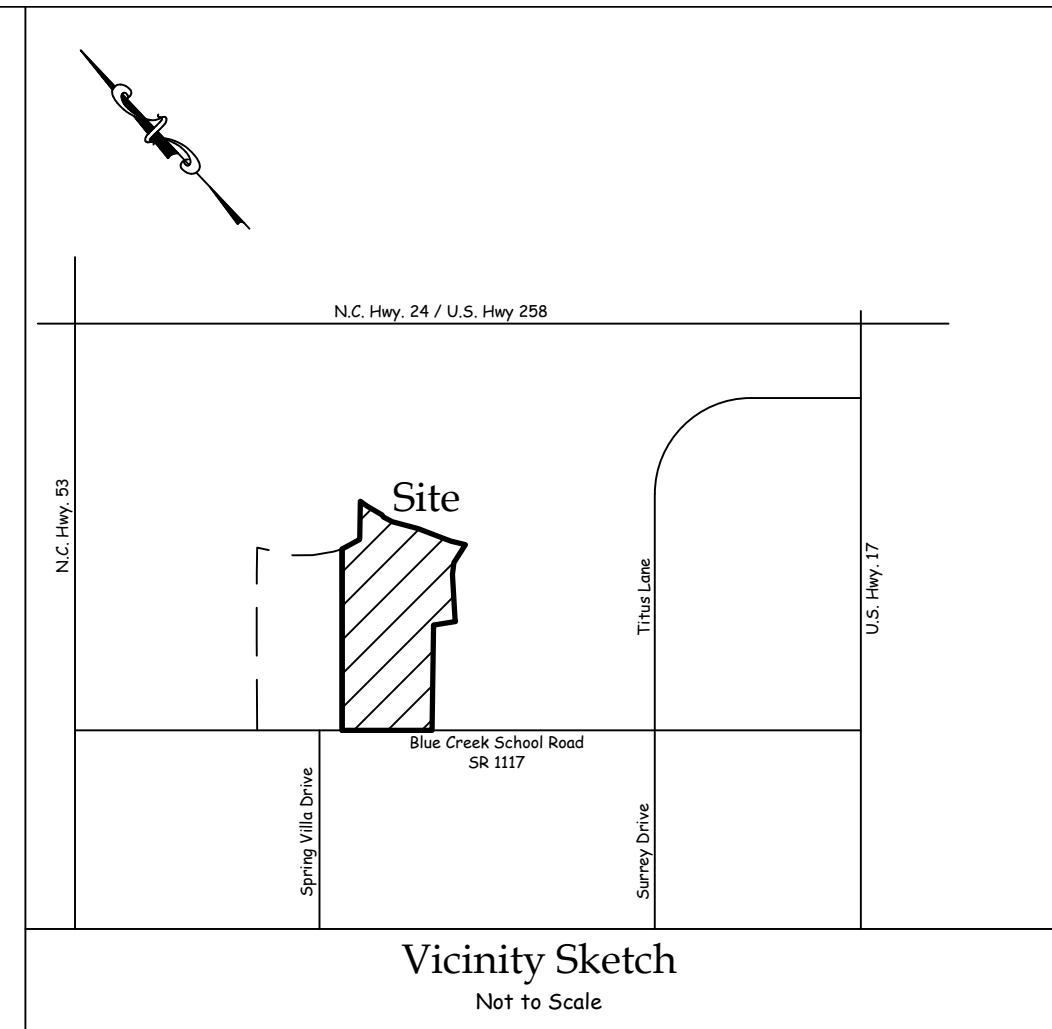
East Point Homes, LLC

166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

PRELIMINARY - DO NOT
USE FOR CONSTRUCTION

Field Book: N/A
Disk Name: Acad #2897
Filename: Crestfield - Site.dwg KHW
Job No.: C210826-7848

Sheet 4 of 13



Landscaping Notes:

- Each large tree at the time of planting shall be a minimum of 2 inches in caliper and 10 feet in height.
- When mature, a large tree should be at least 40 feet high, have minimum crown width of 30 feet, and a trunk of at least 12 inches.
- Each understory tree at the time of planting shall be a minimum of 1 inch in caliper and 8 feet in height.
- Each shrub at the time of planting shall be a minimum of 3 gallons.
- The developer may substitute landscaping species as long as the City landscaping ordinances are met. Substitutions should be confirmed with the Planning Division.
- All landscaped areas to have grass, or mulch cover.

LANDSCAPING DATA:

Street Lawn Landscaping Required 6 Large Trees, 25 Shrubs
Per 100 L.F. Of Street Lawn
(341 L.F. Of Street Lawn)
21 Large Trees
85 Shrubs
Street Lawn Landscaping Provided 341 L.F. Of Street Lawn
21 Large Trees
85 Shrubs

Interior Landscaped Islands Required ... 1 Island Per 10 Parking Space
127 Parking Space = 13 Islands
1 Tree Per Island
5 Shrubs Per Island

Interior Landscaped Islands Provided ... 17 Islands

Island 1 = 690 S.F. = 1 Tree, 5 Shrubs
Island 2 = 553 S.F. = 2 Tree, 6 Shrubs
Island 3 = 539 S.F. = 2 Tree, 6 Shrubs
Island 4 = 279 S.F. = 1 Tree, 5 Shrubs
Island 5 = 173 S.F. = 1 Tree, 5 Shrubs
Island 6 = 222 S.F. = 1 Tree, 5 Shrubs
Island 7 = 173 S.F. = 1 Tree, 5 Shrubs
Island 8 = 173 S.F. = 1 Tree, 5 Shrubs
Island 9 = 390 S.F. = 2 Tree, 6 Shrubs
Island 10 = 305 S.F. = 1 Tree, 5 Shrubs
Island 11 = 374 S.F. = 2 Tree, 5 Shrubs
Island 12 = 248 S.F. = 1 Tree, 5 Shrubs
Island 13 = 579 S.F. = 2 Tree, 5 Shrubs
Island 14 = 569 S.F. = 2 Tree, 5 Shrubs
Island 15 = 505 S.F. = 1 Tree, 5 Shrubs
Island 16 = 410 S.F. = 1 Tree, 5 Shrubs
Island 17 = 310 S.F. = 1 Tree, 5 Shrubs

Type "A" Buffer Required 4 Canopy Trees, 6 Understory
Trees, 25 Small Shrubs and
6' High Fence
(774 L.F. of Buffer =
104 Natural Buffer =
670 L.F. of Buffer)
27 Canopy Trees
40 Understory Trees
168 Small Shrubs

Type "A" Buffer Provided 774 L.F. of Buffer
(104 Natural Buffer)=
670 L.F. of Buffer
27 Canopy Trees
40 Understory Trees
168 Small Shrubs

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Landscaping Plan

CRESTFIELD POINT APARTMENTS

Blue Creek School Road
Jacksonville Twp., Onslow Co., North Carolina

Developer:

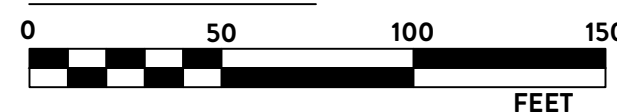
Carolina Statewide Development, LLC

166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

DATE: 02/21/2022

SCALE: 1"=50'

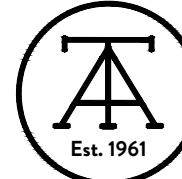
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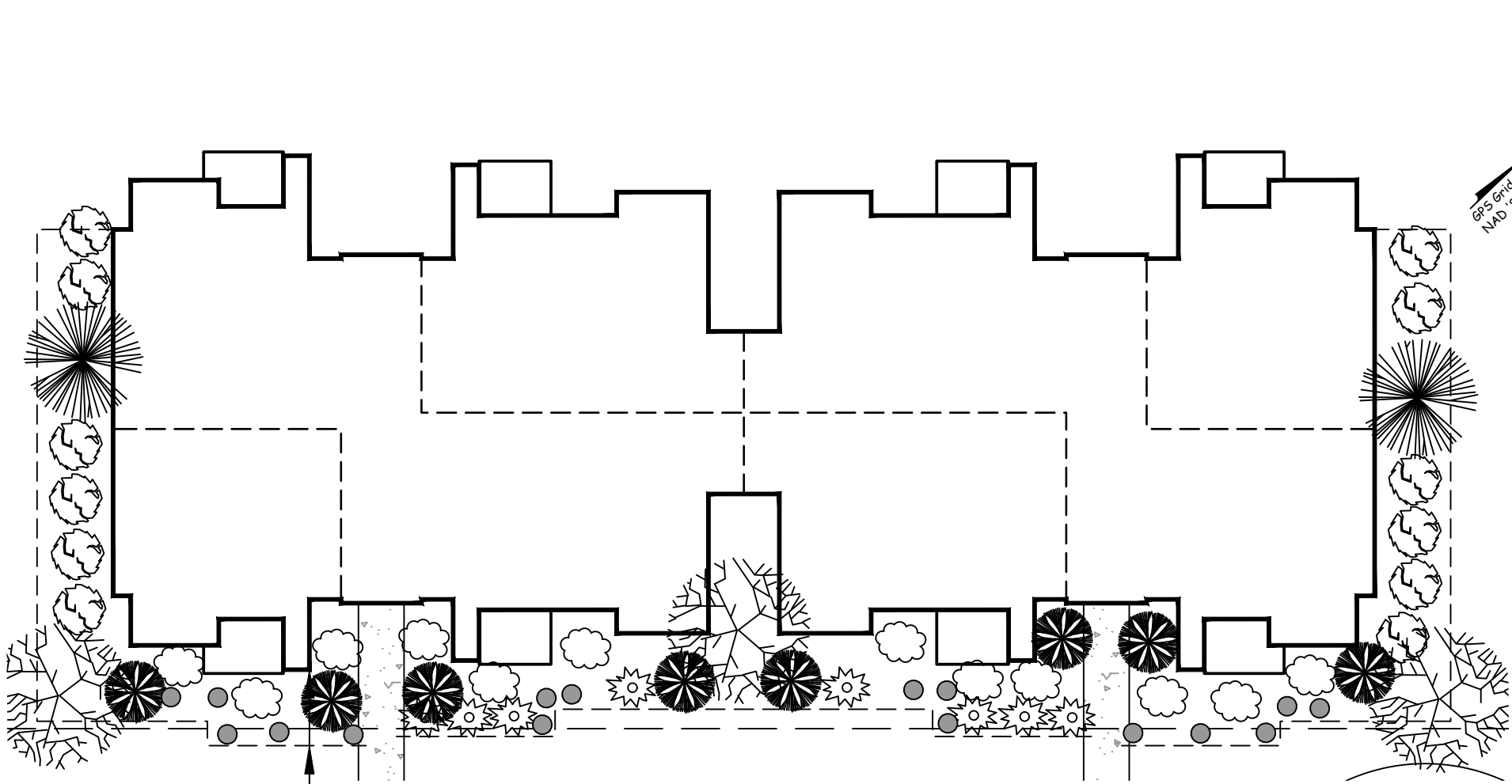


TIDEWATER ASSOCIATES, INC.

Consulting Engineers - Land Surveyors - Land Planners

Jacksonville, North Carolina
P.O. Box 976 - 306 New Bridge Street - 28540
Phone (910) 455-2414 - www.TidewaterENC.com
Firm License Number: F-0108

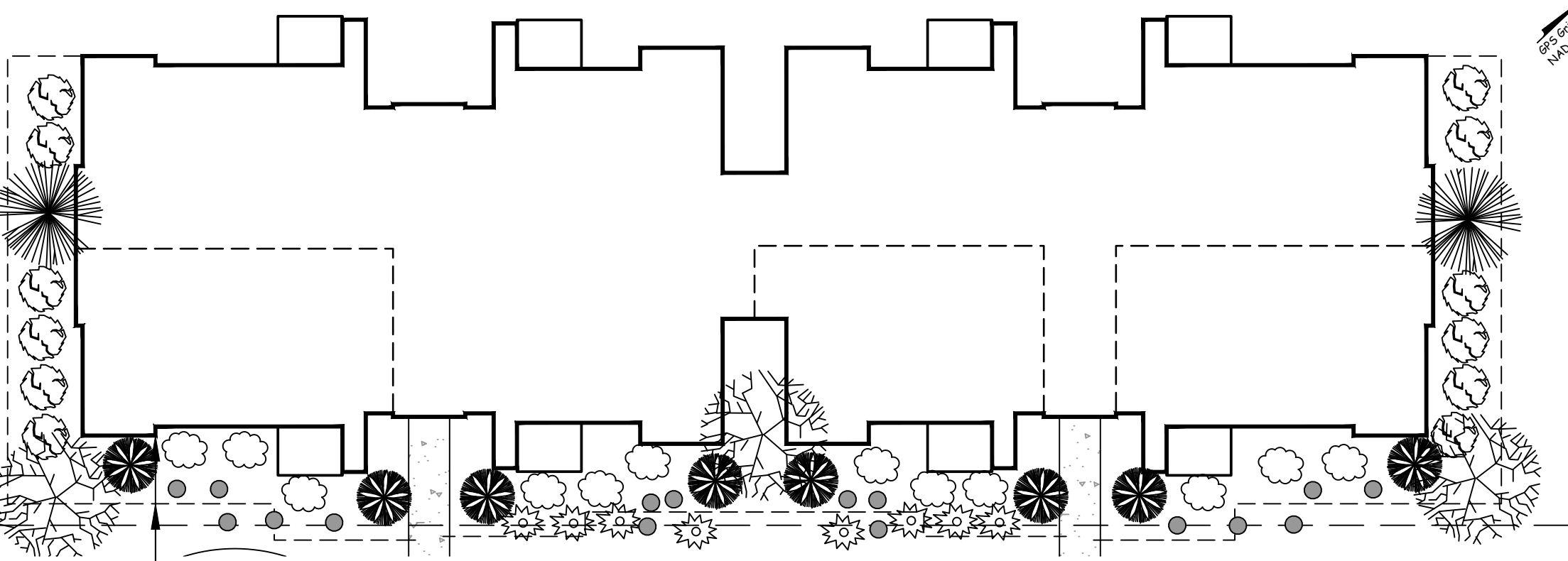




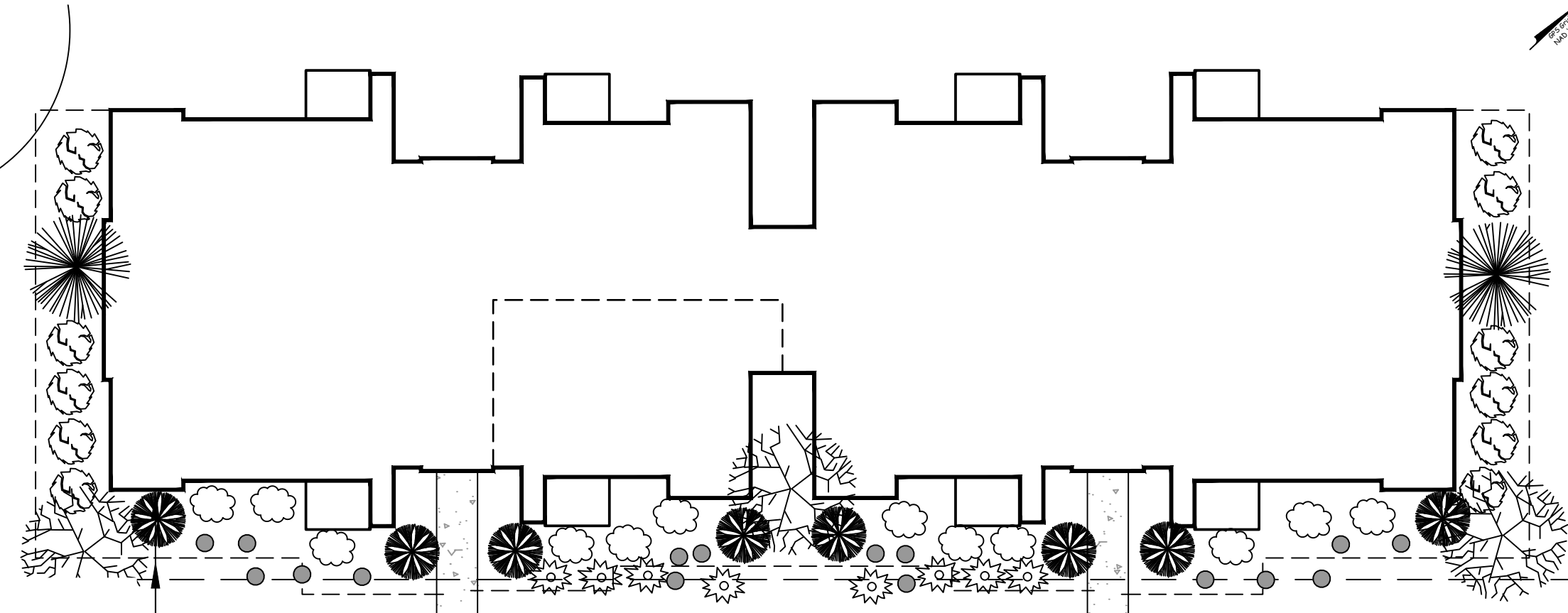
Building #1
Landscaping Plan
Scale: 1"=20'

Apartment Foundation
Landscaping Legend:

- American Holly (2 Each Bldg. = 10 Total)
- Loropetalum (8 Each Bldg. = 40 Total)
- Abelia "radiance" or other variegated species (12 Each Bldg. = 60 Total)
- Crepe Myrtle (3 Each Bldg. = 15 Total)
- Ligustrum "Sunshine" or Lemon_Lime" (16 Each Bldg. = 80 Total)
- Nandina (8 Each Bldg. = 40 Total)
- Indian Hawthorn (12 Each Bldg. = 60 Total)



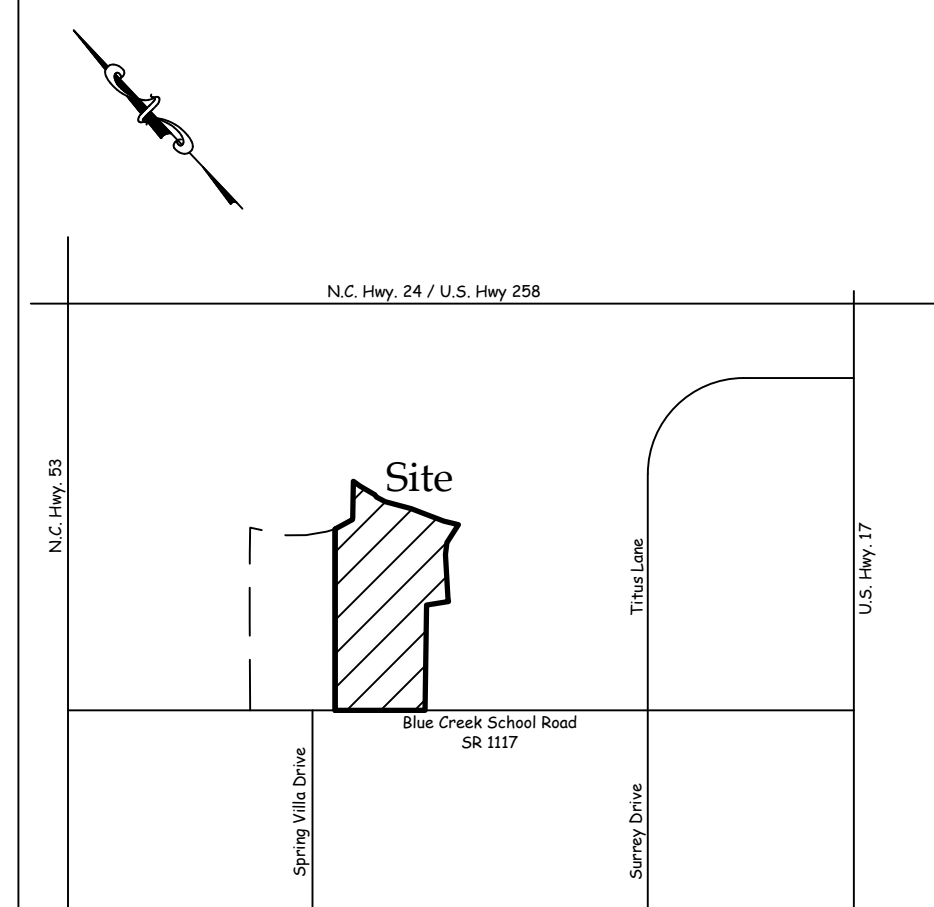
Building #2
Landscaping Plan
Scale: 1"=20'



Building #3
Landscaping Plan
Scale: 1"=20'

APARTMENT FOUNDATION LANDSCAPING CHART

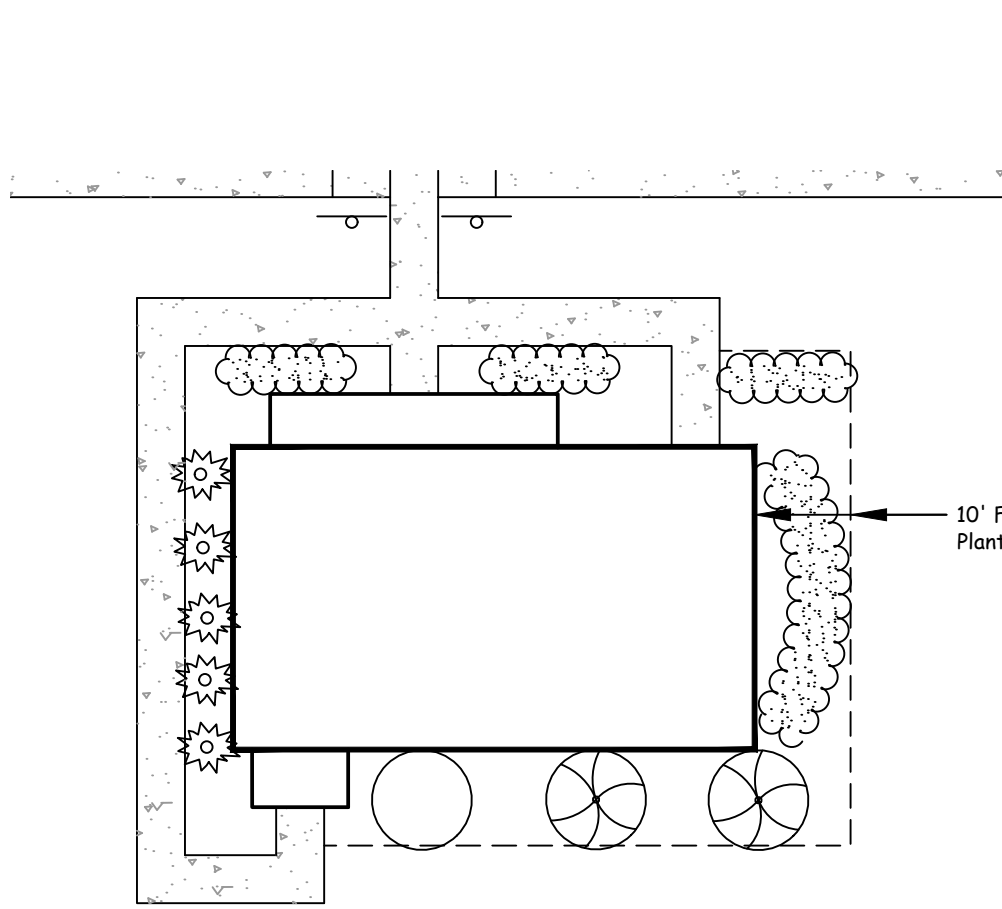
Small Understory Trees				At Maturity		
Quantity	Key	Common Name	Botanical Name	Tree Type	Height	Spread
15	Li	Crepe Myrtle	Lagerstoemia indica	Deciduous	18'+	Varies
10	IoA	American Holly	Ilex opaca Aiton	Evergreen	15'-25'	10'-20'
25	Total					
Large Shrubs				At Maturity		
Quantity	Key	Common Name	Botanical Name	Tree Type	Height	Spread
40	Lc	Loropetalum	Loropetalum chinense	Evergreen	10'-15'	10'-15'
40	Total					
Small Shrubs				At Maturity		
Quantity	Key	Common Name	Botanical Name	Tree Type	Height	Spread
60	Ag	Glossy Abelia	Abelia grandiflor 'Radiance'	Evergreen	3'-6'	3'-6'
80	Ls	Ligustrum	Ligustrum sinense 'Sunshine'	Evergreen	3'-6'	3'-4'
40	Nd	Nandina	Nandina domestica	Evergreen	5'-7'	3'-5'
60	Ri	Indian Hawthorn	Raphiolepis indica	Deciduous	5'-7'	4'-6'
240	Total					



Vicinity Sketch
Not to Scale

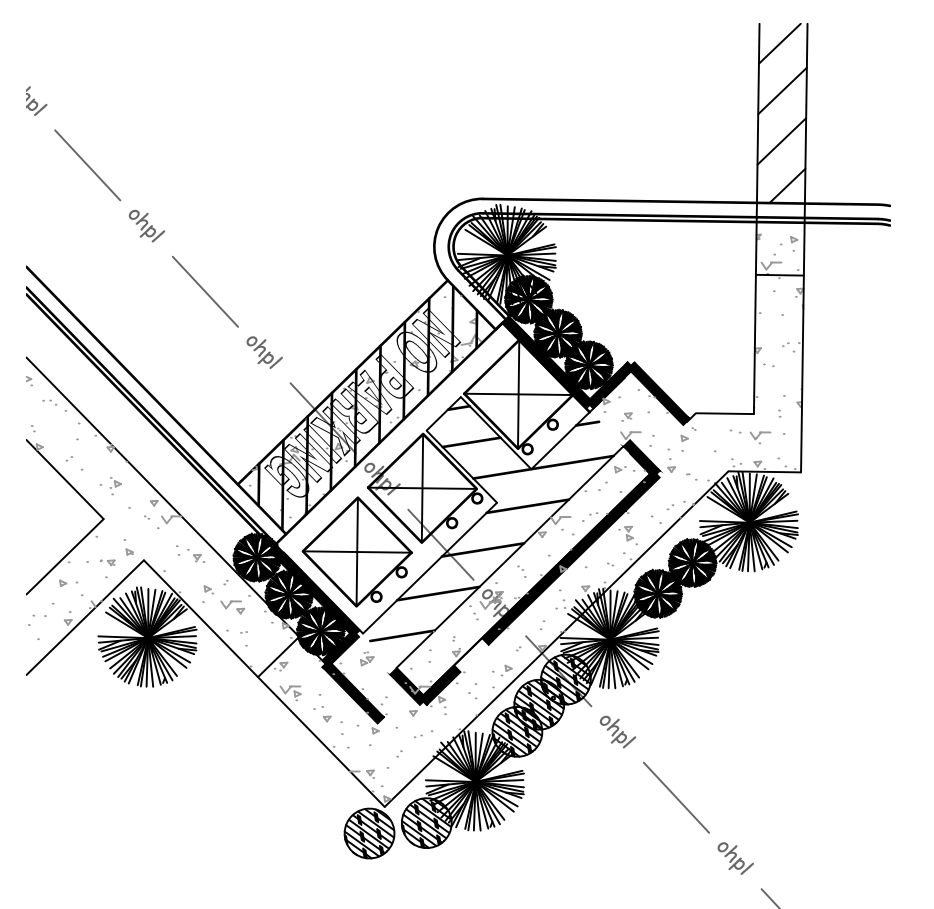
Dumpster
Landscaping Legend:

- American Holly (5 Each Dumpster = 10 Total)
- Loropetalum (8 Each Dumpster = 16 Total)
- Wax Myrtle (5 Each Dumpster = 10 Total)



Community Center Foundation
Landscaping Legend:

- American Holly (5 Total)
- Loropetalum (12 Total)
- Abelia "radiance" or other variegated species (11 Total)
- Crepe Myrtle (2 Total)
- Red Maple (5 Total)
- Nandina (5 Total)
- Plum Yew (15 Total)



Dumpster
Landscaping Plan
Scale: 1"=20'

COMMUNITY CENTER FOUNDATION LANDSCAPING CHART

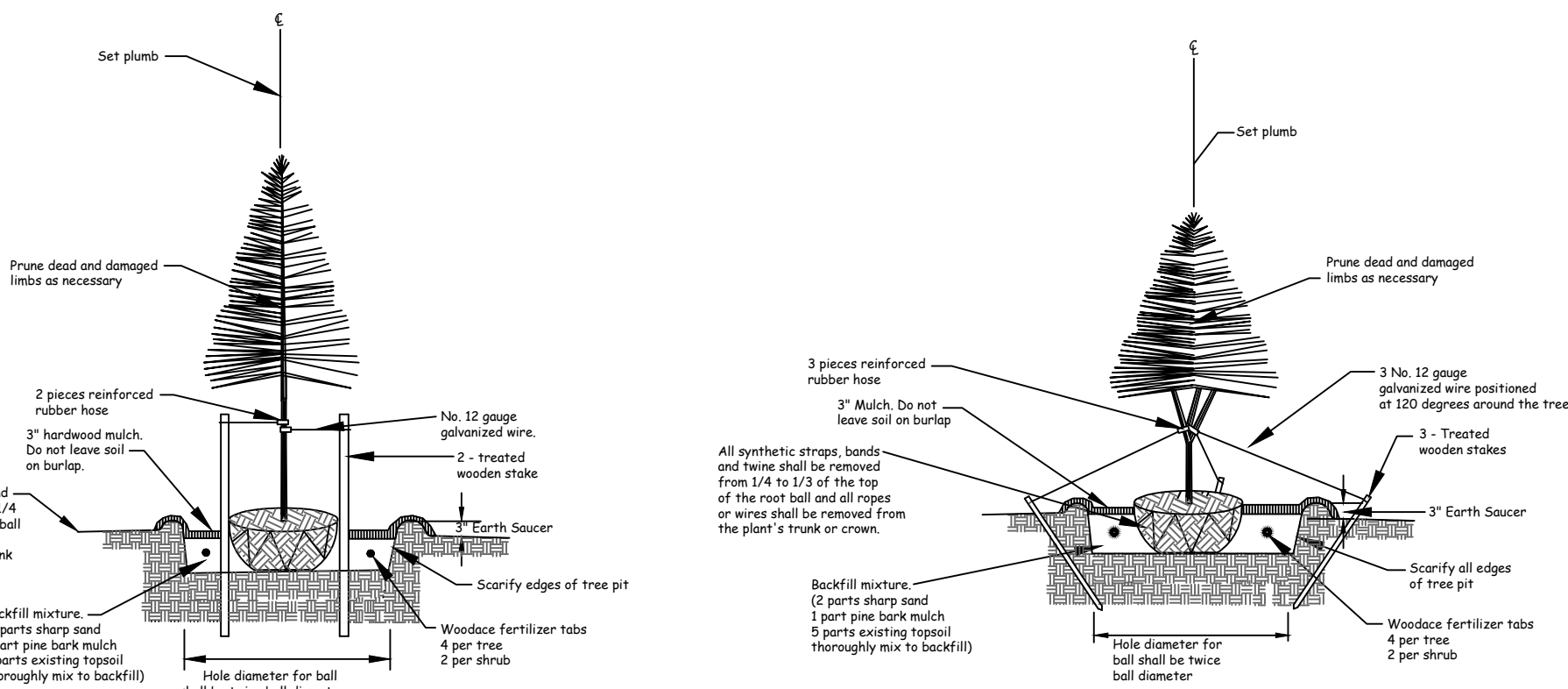
Small Understory Trees				At Maturity		
Quantity	Key	Common Name	Botanical Name	Tree Type	Height	Spread
2	Li	Crepe Myrtle	Lagerstoemia indica	Deciduous	18'+	Varies
5	IoA	American Holly	Ilex opaca Aiton	Evergreen	15'-25'	10'-20'
5	Ar	Red Maple	Acer rubrum	Deciduous	40'-60'	40'
12	Total					
Large Shrubs				At Maturity		
Quantity	Key	Common Name	Botanical Name	Tree Type	Height	Spread
12	Lc	Loropetalum	Loropetalum chinense	Evergreen	10'-15'	10'-15'
15	Tf	Plum Yew	Taxus floridana	Evergreen	15'	3'-5'
27	Total					
Small Shrubs				At Maturity		
Quantity	Key	Common Name	Botanical Name	Tree Type	Height	Spread
11	Ag	Glossy Abelia	Abelia grandiflor 'Radiance'	Evergreen	3'-6'	3'-6'
5	Nd	Nandina	Nandina domestica	Evergreen	5'-7'	3'-5'
16	Total					

DUMPSTER LANDSCAPING CHART

Large Canopy Trees				At Maturity		
Quantity	Key	Common Name	Botanical Name	Tree Type	Height	Spread
10	IoA	American Holly	Ilex opaca Aiton	Evergreen	15'-25'	10'-20'
10	Mc	Wax Myrtle	Myrica cerifera	Evergreen	20'	6'-12'
20	Total					
Large Shrubs				At Maturity		
Quantity	Key	Common Name	Botanical Name	Tree Type	Height	Spread
16	Lc	Loropetalum	Loropetalum chinense	Evergreen	10'-15'	10'-15'
16	Total					

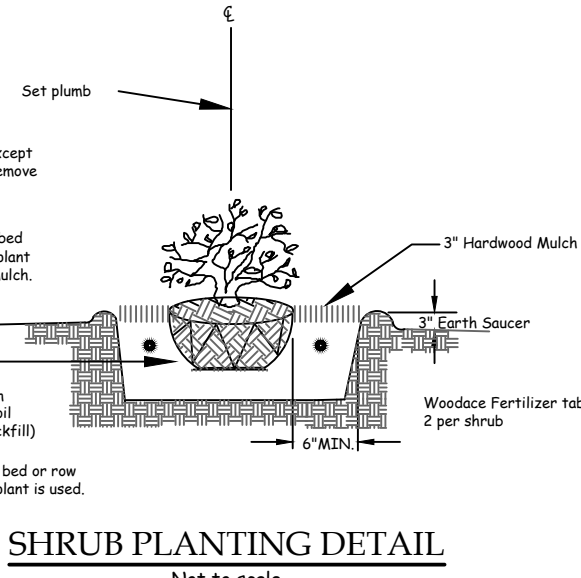
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CANOPY TREE PLANTING DETAIL
Not to scale

ORNAMENTAL TREE PLANTING DETAIL
For small trees with a low branching habit
Not to scale



Owner:
East Point Homes, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

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Foundation Landscape Plan

CRESTFIELD POINT APARTMENTS

Blue Creek School Road
Jacksonville Twp., Onslow Co., North Carolina

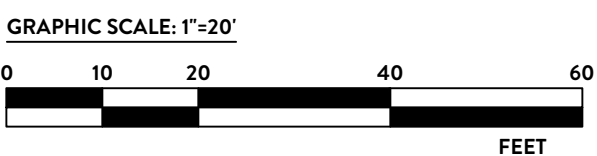
Developer:

Carolina Statewide Development, LLC

166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

DATE: 02/21/2022

SCALE: 1"=20'



TIDEWATER ASSOCIATES, INC.

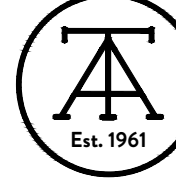
Consulting Engineers - Land Surveyors - Land Planners

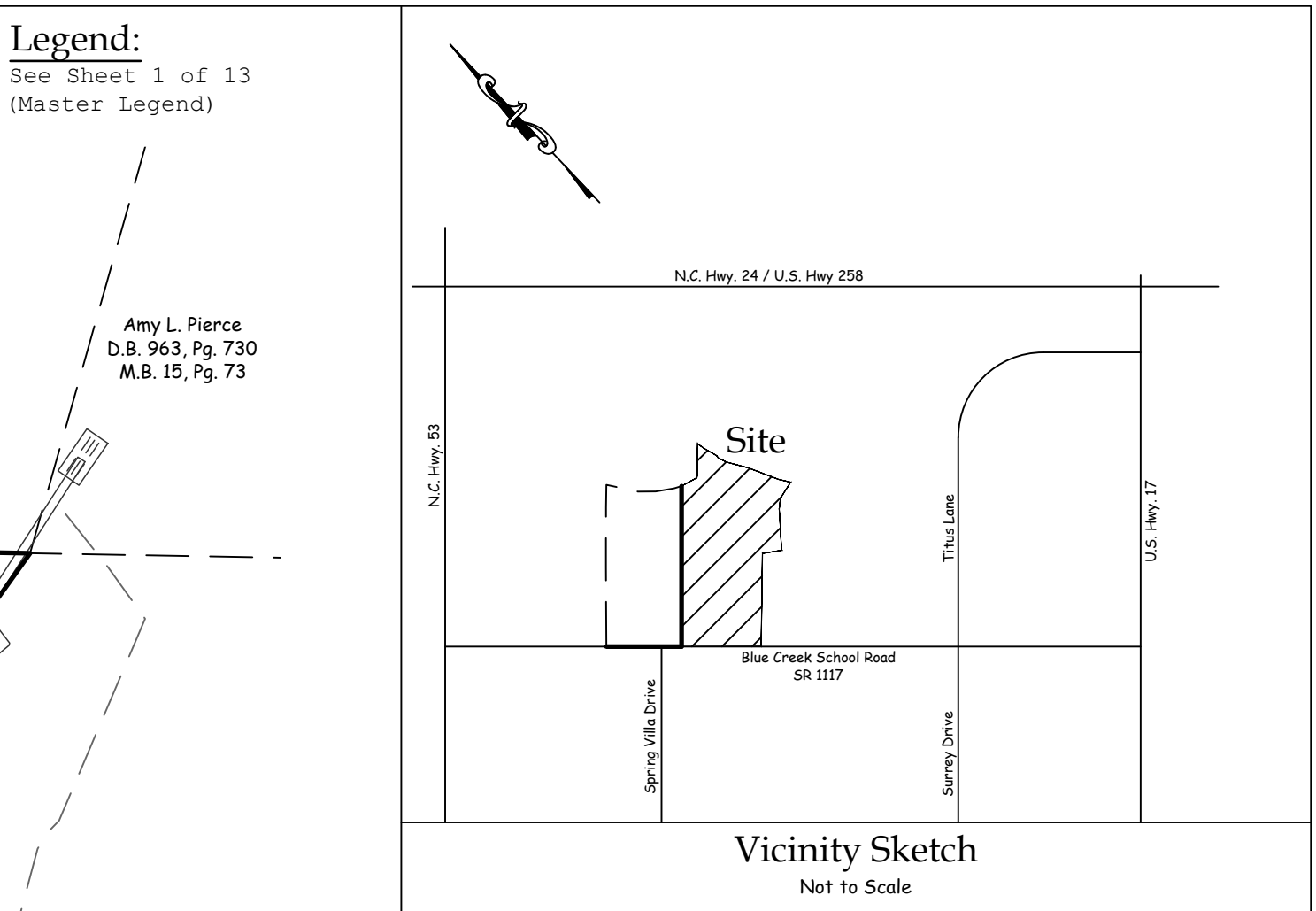
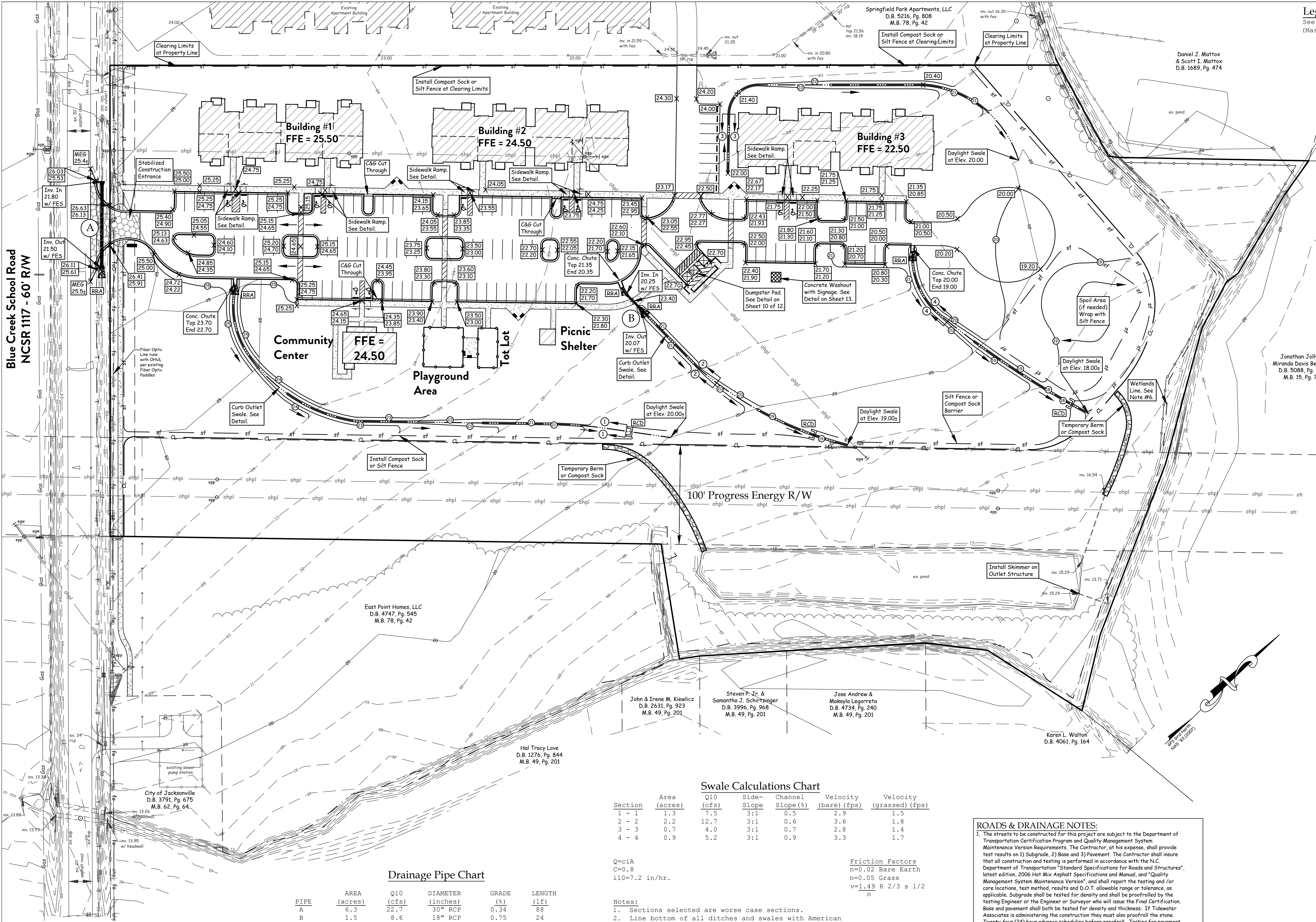
Jacksonville, North Carolina

P.O. Box 976 - 306 New Bridge Street - 28540

Phone (910) 455-2414 - www.TidewaterENC.com

Firm License Number: F-0108





Tract Data:

Total Acreage	13.22 Ac.
Acres of land proposed to be	
disturbed and exposed	8.77 Ac.
Acreage in parks or other	
recreation land usage	0 Ac.
Acreage in open space (Required)	13.22 Ac. x 25% = 3.3 Ac.
Acreage in open space (Provided)	9.8 Ac.
Zone	RMF-HD (City of Jacksonville)
Number of Lots Existing	1
Number of Lots Proposed	1
Number of Units	72 (8 H/C Units)
Minimum Lot Size Allowed	n/a
Average Lot Size	n/a
Ownership Status	Rental
Type of Units	Apartments
Net Density Allowed (Max.)	25 Units/Acre
Density Proposed	5.45 Units/Acre
Existing Use(s)	Undeveloped
Proposed Use(s)	Apartments

Deed References:
D.B. 4747, Pg. 545
M.B. 78, Pg. 42
Tax Map 332, Parcel 88 PIN 435612963919

- Erosion and Sedimentation Control Notes:
1. Construction Sequence:
- A. There is a Mandatory Preconstruction meeting with City of Jacksonville's Soil and Erosion Control and Stormwater Staff. Contractor is required to contact City staff to Schedule prior to any clearing, grubbing or construction activities taking place on the site.
 - B. Clear only the area necessary to install the construction entrances and perimeter silt fences. The remainder and bulk of clearing is not to be done until installation of these items has been completed.
 - C. Sediment control measures are required to be installed at the earliest practicable date after start of work. Grading operations shall begin at low points, points of outfall release or at other locations of where sediment control measures are shown on plan; and the sediment control devices shall be installed before or simultaneously with the grading of any area draining to the device.
 - D. Install stabilized construction entrance prior to beginning construction.
 - E. Clear and grub entire project area. Limits of clearing shall be as shown.
 - F. Install compost sock silt barrier (CSSB) or silt fence where shown immediately after clearing and install skimmer on outlet structure of existing pond prior to grading. Temporary Berm or Compost Sock to be installed with the purpose of diverting Stormwater to existing pond to act as sediment control device during construction.
 - G. Install sanitary sewer services.
 - H. Install storm drain pipes with riprap aprons. Install swales.
 - I. Rough grade roads and building pad areas.
 - J. Install water mains and services.
 - K. Fine grade streets. Place C&G over compacted subgrade. Contractor must conduct and pass a proof roll test, on the subgrade prior to installing stone, and on the stone prior to installing asphalt. The proof roll tests shall be conducted in the presence of The Soil Engineer. Density and thickness tests on subgrade, stone and asphalt by The Soil Engineer shall be conducted and approved and tests results submitted to Engineer. For additional info, See paving detail.
 - L. Maintain erosion control measures as needed to assure full functionality.
 - M. Install asphalt surface course. Soil Engineer to witness laydown and test for thickness and density and submit results to Engineer.
 - N. Temporary or permanent seed, fertilize, and mulch all disturbed areas after completing any phase of the grading work within the following time schedule. Apply temporary seeding and mulch if area is to be disturbed again and permanent seeding and mulch if areas have been final graded and accepted by Engineer and owner.
 - 1.) Slopes steeper than 3:1 and perimeter dikes, swales, ditches and slopes, and area near H/QW waters - within 7 days.
 - 2.) Slopes 3:1 or flatter, and all other areas with slopes flatter than 4:1 - within 14 days. If temporary seeding is used to temporary stabilize an area upon final grading of the job the permanent seed, fertilizer and mulch shall be completed. See detail for seeding specifications.
2. Seeding Specifications:
- Apply lime and fertilizer and work into 4 - 6 inches of soil. Seed mixture shall be distributed uniformly and covered with a clean straw mulch. All mulch shall be crimped or asphalt tacked to hold in place. See "Seeding Specifications" for material and application rates as follows, and are generally considered minimums.
 - 3. Contractor is responsible for complying with erosion control permit conditions and NPDES general permit conditions. See permits for additional information.
 - 4. Contractor is responsible for removing sediment and restoring the stormwater wetlands to its design dimensions. Contractor shall amend measures as required to prevent accelerated erosion from taking place on this site, until site is restabilized and accepted by Engineer and Owner.
 - 5. Upon restabilization of all disturbed areas and swales, contractor shall remove all temporary erosion control facilities and grade, grass, mulch, and restabilize the areas.
 - 6. Once contractor has completed job and site is restabilized, the developer shall be responsible to maintain the restabilized areas until time when the lots are sold or developed.
 - 7. For additional information, see specifications and other plan sheets.

Grading, Drainage, Erosion and Sedimentation Control Plan

CRESTFIELD POINT APARTMENTS

Blue Creek School Road
Jacksonville Twp., Onslow Co., North Carolina

Developer:

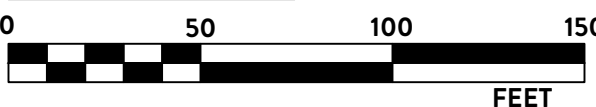
Carolina Statewide Development, LLC

166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

DATE: 02/21/2022

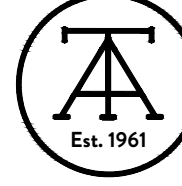
SCALE: 1"=50'

GRAPHIC SCALE: 1"=50'



TIDEWATER ASSOCIATES, INC.

Consulting Engineers - Land Surveyors - Land Planners
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Owner:

East Point Homes, LLC

166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

ROADS & DRAINAGE NOTES:

1. The streets to be constructed for this project are subject to the Department of Transportation Certification Program and Quality Management System Maintenance Version Requirements. The Contractor, at his expense, shall provide test results on 1) Subgrade, 2) Base and 3) Pavement. The Contractor shall insure that all construction and testing is performed in accordance with the N.C. Department of Transportation "Standard Specifications for Roads and Structures", latest edition, 2006 Hot Mix Asphalt Specifications and Manual, and "Quality Management System Maintenance Version", and shall report the testing and/or core locations, test method, results and D.O.T. allowable range or tolerance, as applicable. Subgrade shall be tested for density and shall be preapproved by the testing Engineer or the Engineer or Surveyor who will issue the Final Certification. Base and pavement shall both be tested for density and thickness. If Tidewater Associates is administering the construction they must also preapprove the stone. Twenty-four (24) hour advance scheduling before proofroll. Testing for pavement shall be certified by either a professional Engineer or properly certified QMS technician and shall be in accordance with QMS criteria. Required thickness for this project is as shown on the plans. Note that thickness for widening or turn lanes is greater than that for internal sections.
2. Minimum Densities:
Subgrade 100%
Stone Base 100%
S 9.5B 90%
I 19.0C 92%
S 8.25.0C 92%
3. Notify the Engineer or Surveyor, who will issue the overall Final Certification, of all phases of Roadway Construction.
4. All metal used for any type of catch basin or inlet shall be produced in the USA.
5. A minimum sight distance of 10' X 70' shall be maintained along the right-of-way of all internal intersections.
6. 20 foot radii at right-of-way intersections, 30 foot radii at edge of pavement intersections.
7. All culverts under streets shall be reinforced concrete per North Carolina Department of Transportation Specifications, unless otherwise specified and/or approved by the Engineer and/or Department of Transportation.
8. All roads shall be public and built to NCDOT Standards.
9. There shall be no encroachments within the NCDOT Right-of-way.
10. All materials and practices shall meet North Carolina Department of Transportation Standards.
11. For other detailed construction notes, see plan and profiles.

Swale Calculations Chart

Section	Area (acres)	Q10 (cfs)	Side-Slope	Channel Slope (%)	Velocity (bare) (fps)	Velocity (grassed) (fps)
1 - 1	1.3	7.5	3:1	0.5	2.9	1.5
2 - 2	2.2	12.7	3:1	0.6	3.6	1.8
3 - 3	0.7	4.0	3:1	0.7	2.8	1.4
4 - 4	0.9	5.2	3:1	0.9	3.3	1.7

Q=c1A
C=0.8
i10=7.2 in/hr.

Friction Factors
n=0.02 Bare Earth
n=0.05 Grass
v=1.49 R^{2/3} s^{1/2}
n

Notes:

- Sections selected are worse case sections.
- Line bottom of all ditches and swales with American Excelsior Curlex Blanket.

General Notes:

- Topographic contours taken from a survey map prepared by Johnny J. Williams Land Surveying, P.C. dated Dec. 28, 2009.
- Boundary information taken from a survey map prepared by Johnny J. Williams Land Surveying, P.C. dated Dec. 28, 2009 and computed information. All boundary information and corner labels are taken from the Williams map.
- Development area is partially wooded & mostly on open Agricultural Field.
- All easements to be Public Drainage & Utility at dimensions shown, unless otherwise noted.
- There are no Areas of Environmental Concern (AEC) as defined by Coastal Area Management Act (CAMA) on this site.
- Wetlands line taken from map titled "Wetlands Survey" by Johnny J. Williams Land Surveying, PC dated 04/24/12.
- Stormwater drains to Bronson Creek, and is classified as SC, NSW waters.
- This project is not affected by any special Flood hazard area based upon FEMA map CPN 370178 4356J (City of Jacksonville), Effective Nov. 3, 2005.
- For additional details, see specifications and additional plans.
- Sidewalks shall be free of cracks and breaks prior to the issuance of a Final Certificate of Occupancy.
- Areas noted for trails and greenways and/or required sidewalks shall be constructed from 6' below grade to 10' above grade (overhead clearance). Telephone pedestals, electric transformers, drop inlets, fences, or any other obstructions shall be removed and/or relocated in order to create and maintain this clearance.
- It shall be unlawful for any person to make any excavation or do any other work which may cause a dangerous condition in or on any street, alley, sidewalk, public way or public place in the city, unless a written permit therefore shall have been first obtained from an officer of the city vested with authority to grant the same. No permit shall be issued in any case where a bond is required, until a bond shall have been executed.
- Slopes: 3:1 seeding allowed, 2:1 sod required, 1:1 not allowed unless engineered (retaining wall) and not within an easement.
- Erosion control measures are performance based and may require adjustments as needed.
- For erosion control requirements, refer to the approved permit / plan.
- All elevations are flow line unless otherwise noted.

Note:

Contractor shall insure that he and all his workers (contractors, subcontractors and other site personnel) do not damage construction stakes or other measures used in laying out the project whether by the Engineer or another entity including those under the employ of the contractor. Contractor shall cause his workers to observe and verify to the fullest extent practicable that stakes, other measures and grades are, or appear to be, accurate and correct, and immediately, but prior to any associated work, notify the staking entity of any potential conflict, error or question regarding the work. The Engineer shall not be responsible if all of the above measures are not strictly adhered to. The Engineer shall not be responsible where due to damage, his staking can not be verified. For critical or costly components of the work, where the contractor believes that staking may not be preserved, the contractor shall request the staking entity to place staking in an area where its preservation can be insured.

Q=c1A
c=0.8
c=0.5 (Pipe A)
tc=5 Min
i10=7.2 in/hr.

NOTE:

- Contractor shall use invert elevations shown on plans for construction. Grades shown above are rounded.
- Lengths shown include Flared End Sections.

Drainage Pipe Chart

PIPE	AREA (acres)	Q10 (cfs)	DIAMETER (inches)	GRADE (%)	LENGTH (LF)
A	6.3	22.7	30" RCP	0.34	88
B	1.5	8.6	18" RCP	0.75	24

RCP = Reinforced Concrete Pipe
CFS = Cubic Feet per Second
LF = Linear Feet
FPS = Feet per Second

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Springfield Park Apartments, LLC
D.B. 5216, Pg. 808
M.B. 78, Pg. 42

Daniel J. Mattox
& Scott J. Mattox
D.B. 1689, Pg. 474

Amy L. Pierce
D.B. 963, Pg. 730
M.B. 15, Pg. 73

Jonathan Jolly &
Miranda Davis Belfiore
D.B. 5088, Pg. 120
M.B. 15, Pg. 73

Jose Andrew &
Makayla Legorreta
D.B. 4734, Pg. 240
M.B. 49, Pg. 201

Steven P. Jr. &
Samantha J. Schirtzinger
D.B. 3996, Pg. 968
M.B. 49, Pg. 201

John & Irene M. Kiewicz
D.B. 2631, Pg. 923
M.B. 49, Pg. 201

East Point Homes, LLC
D.B. 4747, Pg. 545
M.B. 78, Pg. 42

City of Jacksonville
D.B. 3791, Pg. 675
M.B. 62, Pg. 64

Legend:

- BFP - Back Flow Preventor
- 9-B - Back of Curb to Back of Curb
- BOC - Back of Curb
- BG - Below Ground
- B.O. - Blow-off
- C.O. - Cleanout
- Comp - Computed Point
- EOP - Edge of Pavement
- Elev. - Elevation
- Ex - Existing
- exatv - Existing Cable TV Box
- ⊗ egv - Existing Gate Valve
- egw - Existing Guy Wire
- epp - Existing Power Pole
- ewm - Existing Water Meter
- FFE - Finish Floor Elevation
- FDC - Fire Department Connection
- F.H. - Fire Hydrant
- G.V. - Gate Valve
- GL - Ground Level
- ISF - Iron Stake Found
- IPF - Iron Pipe Found
- L.F. - Linear Feet
- NS - Nail Set
- P.T. - Plug Tapped
- PVC - Polyvinyl Chloride Pipe
- R/W - Right-of-way
- sfm - Sewage Force Main
- Typ. - Typical
- WM - Water Meter
- ▲ - Handicap Parking Spot
- ▲ - Reducer
- Existing Drainage & Utility Easement
- Existing Overhead Power Line
- Existing Right-of-way
- Existing Sewage Force Main
- Existing Tree Line
- Existing Underground Telephone Line
- Existing Water Main
- Existing Water Meter
- Proposed Fence
- Property Line
- Proposed Concrete Sidewalk
- Proposed Water Main
- Proposed Water Utility and Access Easement

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Owner:

East Point Homes, LLC

166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

Sheet 7 of 13

Vicinity Sketch
Not to Scale

Water and Sewer Notes:

1. Potable water supply to be by ONWASA and sewage treatment to be by City of Jacksonville.
2. Contractor shall verify location of existing water and sewer mains and report any deviations to Engineer prior to construction.
3. As of October 1, 2014, anyone digging with mechanized equipment in highway right-of-way, private utility easements, or public spaces will be required by North Carolina law to give notice of the proposed excavation to all existing area utilities at least three to twelve business days before starting to dig. The utility owner is to locate its facilities in the area of the proposed excavation. Utility members of North Carolina 811 can be contacted at 1-800-632-4949 or call 811.
4. Contractor is responsible for contacting any utility company that is not a member of North Carolina 811.
5. Contractor shall verify location of all underground utilities prior to commencement of work.
6. Contractor is responsible for any damages to any existing utilities.
7. All proposed sewer mains to be SDR 35 PVC, C900 or Ductile Iron as shown on plans. Services to be 6-inch Sch. 40 PVC or Ductile Iron. Place 3" to 6" minimum #57 stone bedding under all gravity mains. Place #57 stone haunching to 1" above (min.) above top of pvc pipe and to spring line (min.) for ductile iron. Place 12" compacted select fill above stone to 12" minimum above pipe, then suitable fill compacted in 8" lifts above that.
8. All manholes located outside of street right-of-ways shall have watertight rings and covers.
9. All water mains 4" through 12" shall be AWWA C-900, Class 150. 2" water shall be ASTM D-2241, PVC 1120, SDR 21, 200 PSI pressure rating.
10. Fire hydrants shall be Mueller Centurian, Model A421 or American Flow Control Mark 73.
11. Water mains shall be buried with minimum of 36-inches cover, unless otherwise noted.
12. Water mains and sewer mains shall have proper separations. At water and sewer crossings, the water main shall have 18 inches separation above the sewer main or they both shall be constructed of ferrous material for a minimum of 10 feet each side of the crossing. See specifications for further details.
13. Contractor to lay water mains at extra depth to avoid conflicts with storm drainage or other facilities.
14. Contractor shall notify the City of Jacksonville Engineering Division, the certifying Engineer and ONWASA at least 48 hours prior to commencing any work, inspections, sampling, and pressure tests.
15. Water chlorination and pressure tests are required in the presence of the City of Jacksonville Engineering Division, ONWASA and the certifying Engineer.
16. Contractor shall furnish negative bacterial analysis results and 24 hour chlorine residual results to the City of Jacksonville / ONWASA and provide them to the certifying Engineer.
17. Contractor shall maintain comprehensive (depth and horizontal locations) field "As Built" for all installations and submit them to the Certifying Engineer, the City of Jacksonville and ONWASA.
18. All units and the community center shall have individual water services installed by the contractor. Each building and community center shall have sewer services installed by the contractor.
19. For other detailed construction notes, see plan and profiles, other plan sheets and specifications.
20. All sewer system installation materials and practices shall meet City of Jacksonville specifications. All water system installation materials and practices shall meet ONWASA specifications. All metal structures to be fabricated in the USA.
21. No construction of either water or sewer mains is to begin prior to receipt of permits to construct from NCDENR in accordance with 15A NCAC18C.0305 (a) and 15A NCAC02H.0204.
22. Sewer services on deep sewer lines (greater than 15' depth) shall have inside drops where services tie into manholes. Invert openings shall have 2x diameter separation.
23. All construction must be completed in accordance with the City of Jacksonville Manual of Specifications, Standards, and Design.
24. Prior to commencing construction the contractor shall schedule a preconstruction conference with the City of Jacksonville at City Hall.
25. 30' Utility & Access Easement to be Centered Over All Sewer Mains & 20' Utility & Access Easements to be Centered Over All Water Mains.
26. All construction within DOT right-of-way shall be in accordance with the NCDOT requirements. DOT officials shall be notified 48 hours prior to commencing work within the right-of-way.

Project Design Summary -
For ONWASA Purposes Only:

Water:

Number of Units to be served by ONWASA Water: 72 Apartments
1 Community Center

6" Water Distribution Main: 1,036 L.F. (Total)
81 L.F. (ONWASA - up to meter)
955 L.F. (City of Jacksonville)

2" Fire Line: 382 L.F. (City of Jacksonville)
1" Water Service: 513 L.F. (City of Jacksonville)
Fire Hydrants: 3 (City of Jacksonville)
Fire Department Connections: 3 (City of Jacksonville)

Water and Sewer Plan

CRESTFIELD POINT APARTMENTS

Blue Creek School Road
Jacksonville Twp., Onslow Co., North Carolina

Developer:

Carolina Statewide Development, LLC

166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

DATE: 02/21/2022

SCALE: 1"=50'

GRAPHIC SCALE: 1"=50'

0 50 100 150
FEET

TIDEWATER ASSOCIATES, INC.

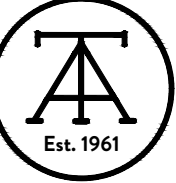
Consulting Engineers - Land Surveyors - Land Planners

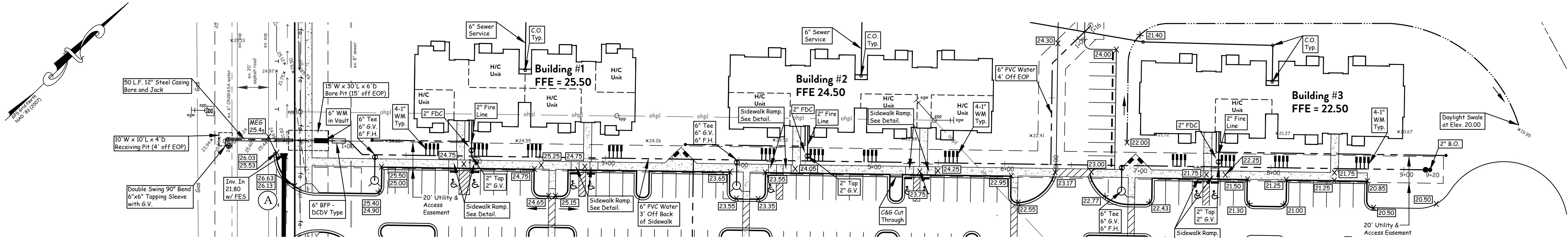
Jacksonville, North Carolina

P.O. Box 976 - 306 New Bridge Street - 28540

Phone (910) 455-2414 - www.TideWaterENC.com

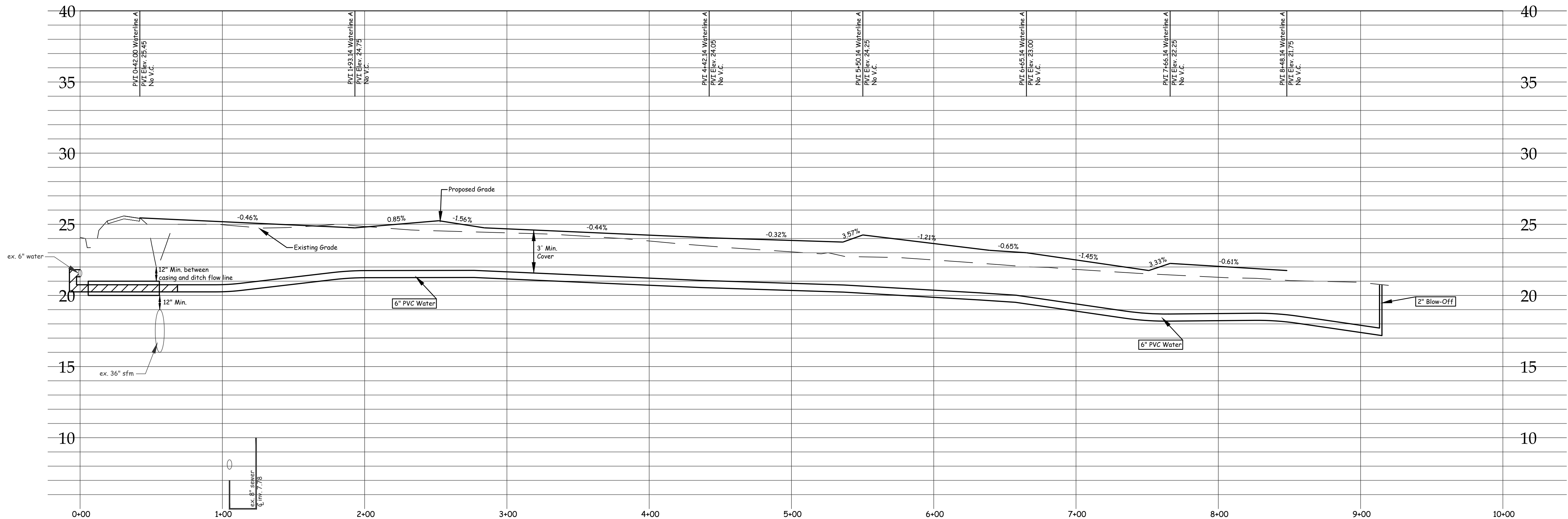
Firm License Number: F-0108





- Legend:**
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 - B-B - Back of Curb to Back of Curb
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 - EOP - Edge of Pavement
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 - egw - Existing Gey Wire
 - epp - Existing Power Pole
 - FFE - Finish Floor Elevation
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Water Line "A"



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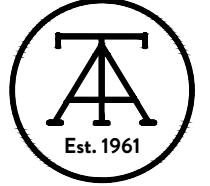
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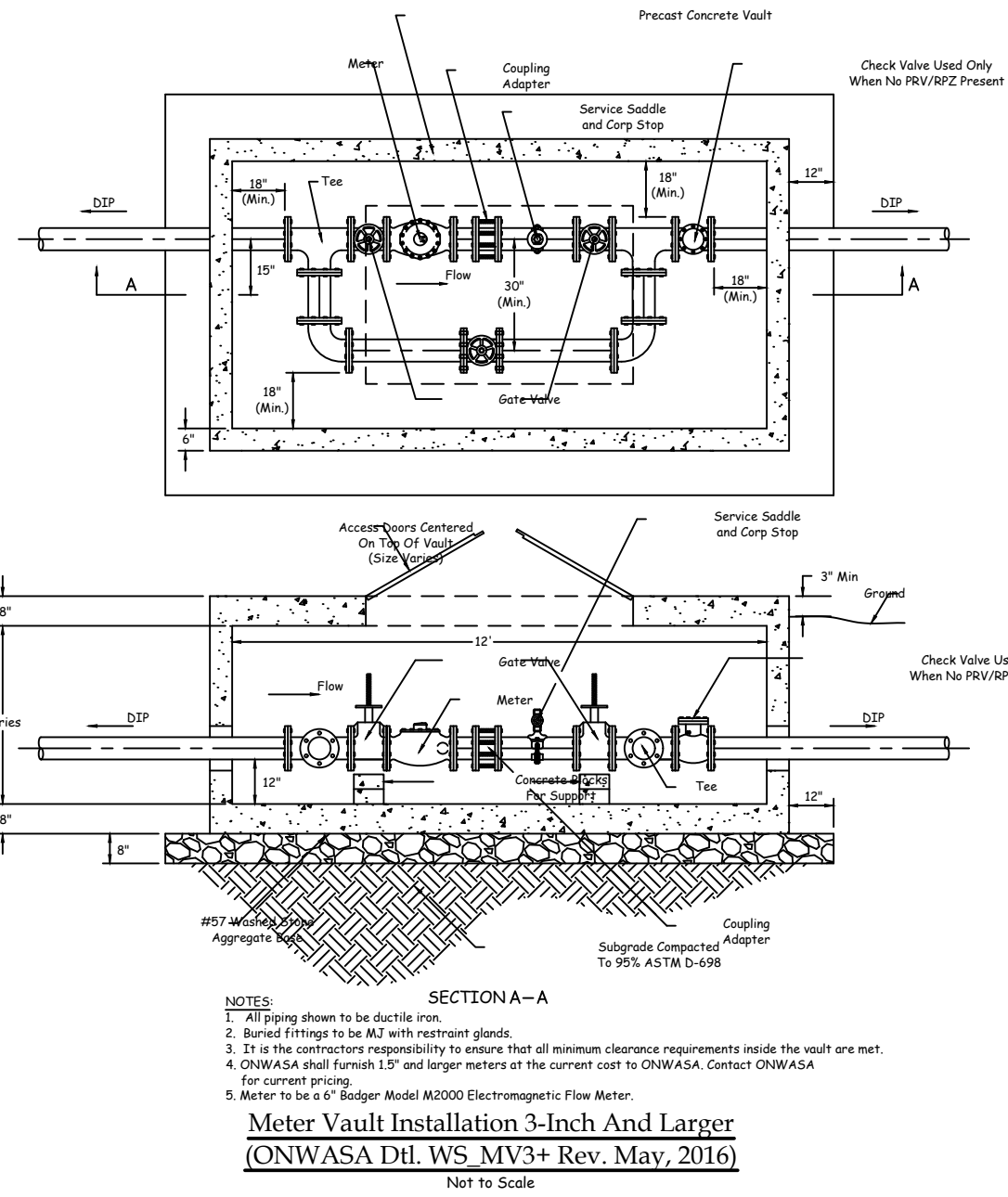
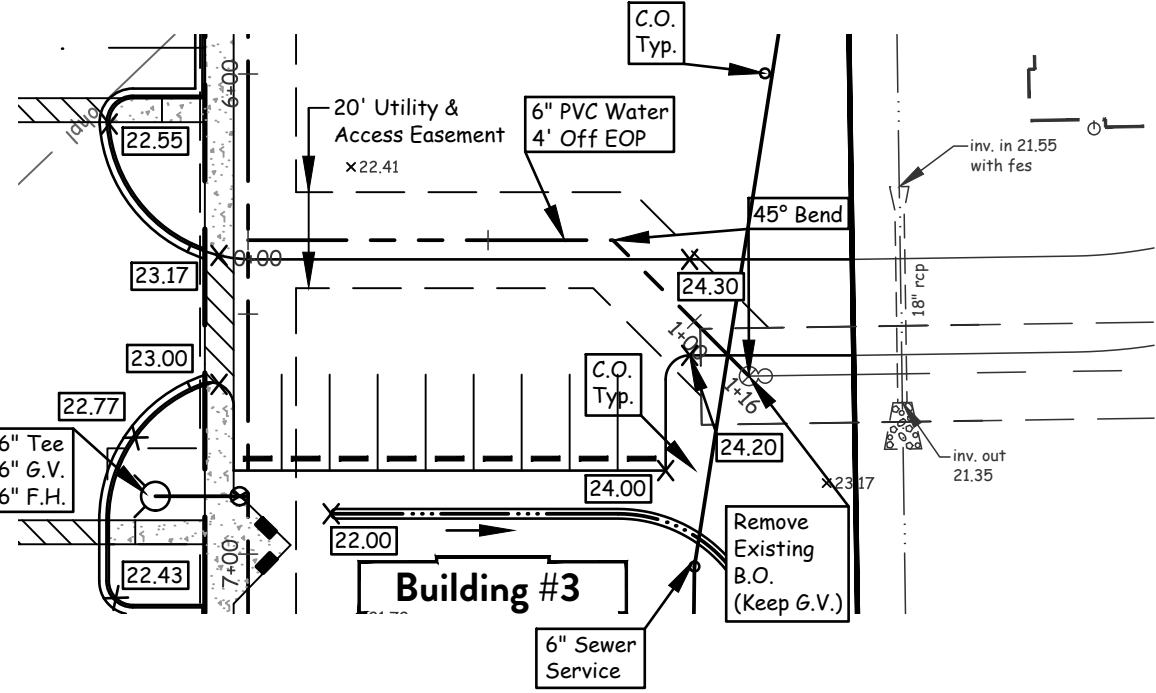
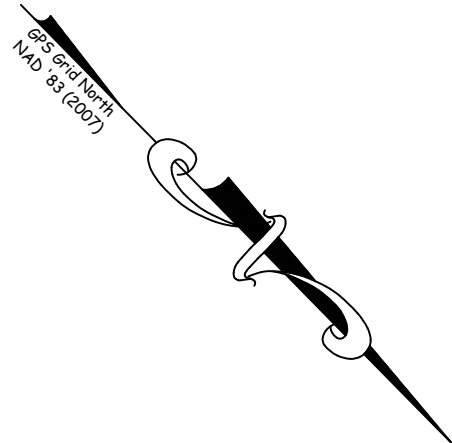
Owner:
East Point Homes, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

GRAPHIC SCALE: 1"=40'
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FEET

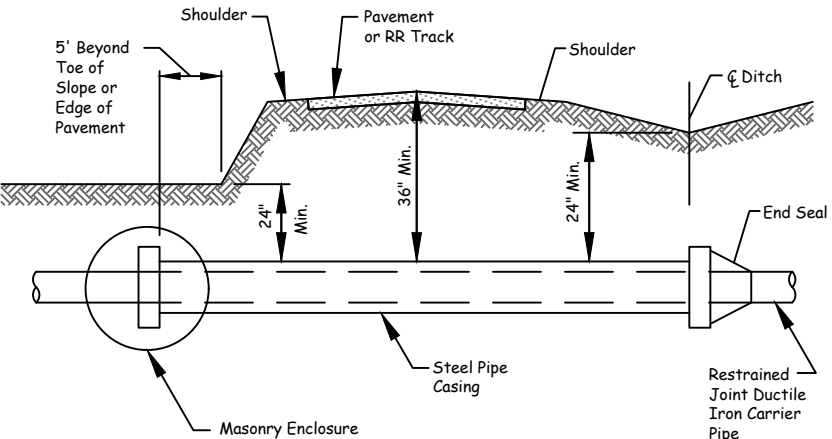
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Water Line "A"		CRESTFIELD POINT APARTMENTS Blue Creek School Road Jacksonville Twp., Onslow Co., North Carolina		Developer: Carolina Statewide Development, LLC 166 Center Street Jacksonville, North Carolina 28546 (910) 937-0003	
TIDEWATER ASSOCIATES, INC. Consulting Engineers - Land Surveyors - Land Planners Jacksonville, North Carolina P.O. Box 976 - 306 New Bridge Street - 28540 Phone (910) 455-2414 - www.TidewaterENC.com Firm License Number: F-0108					
Date: 02/21/2022		Scale: Vertical 1"=4' Horizontal 1"=40'		Filename: Crestfield-Site.dwg	
Disk: Acad #2897		Job No.: C210826-7848		Sheet No.: 8 of 13	
Designed: JAH		Drawn: KHW			



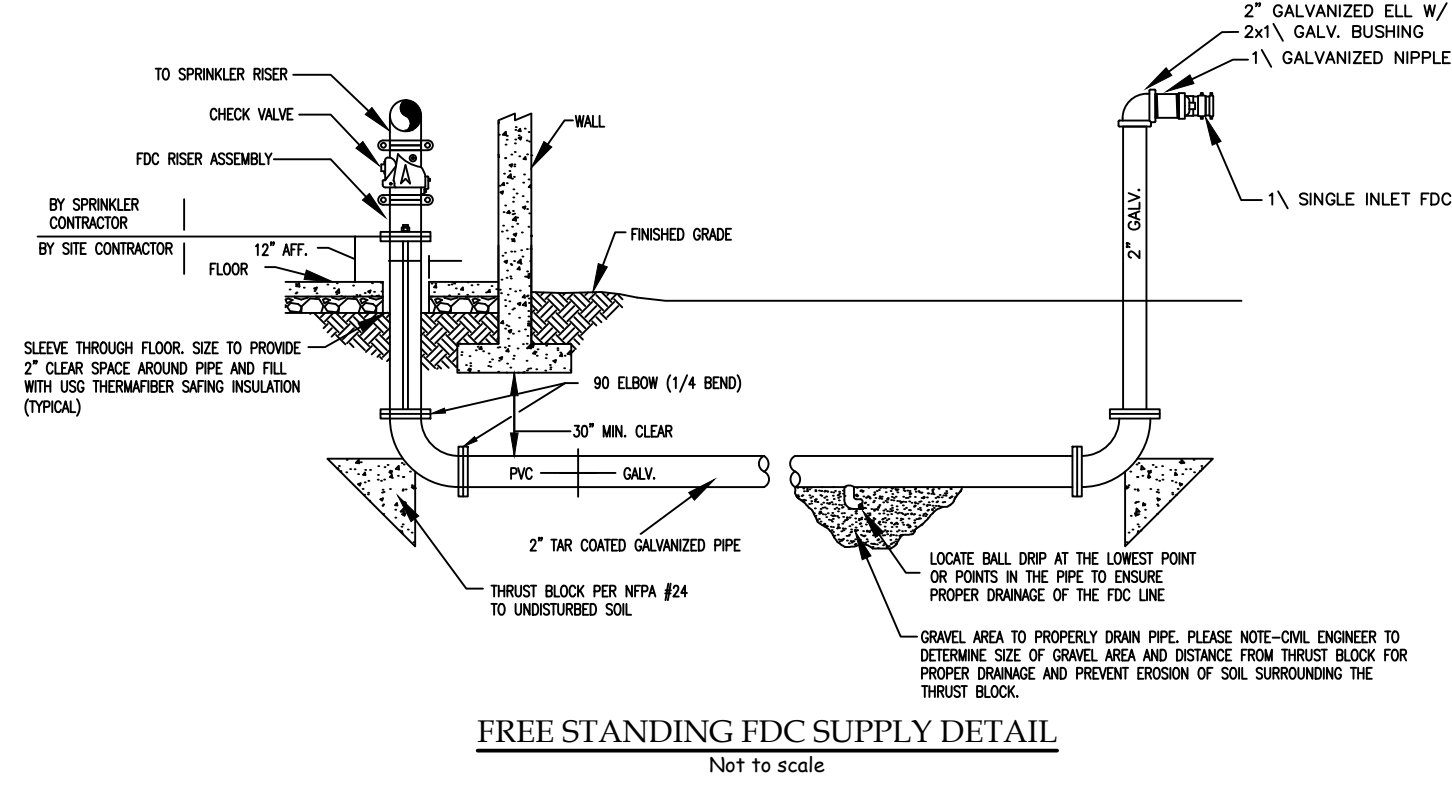
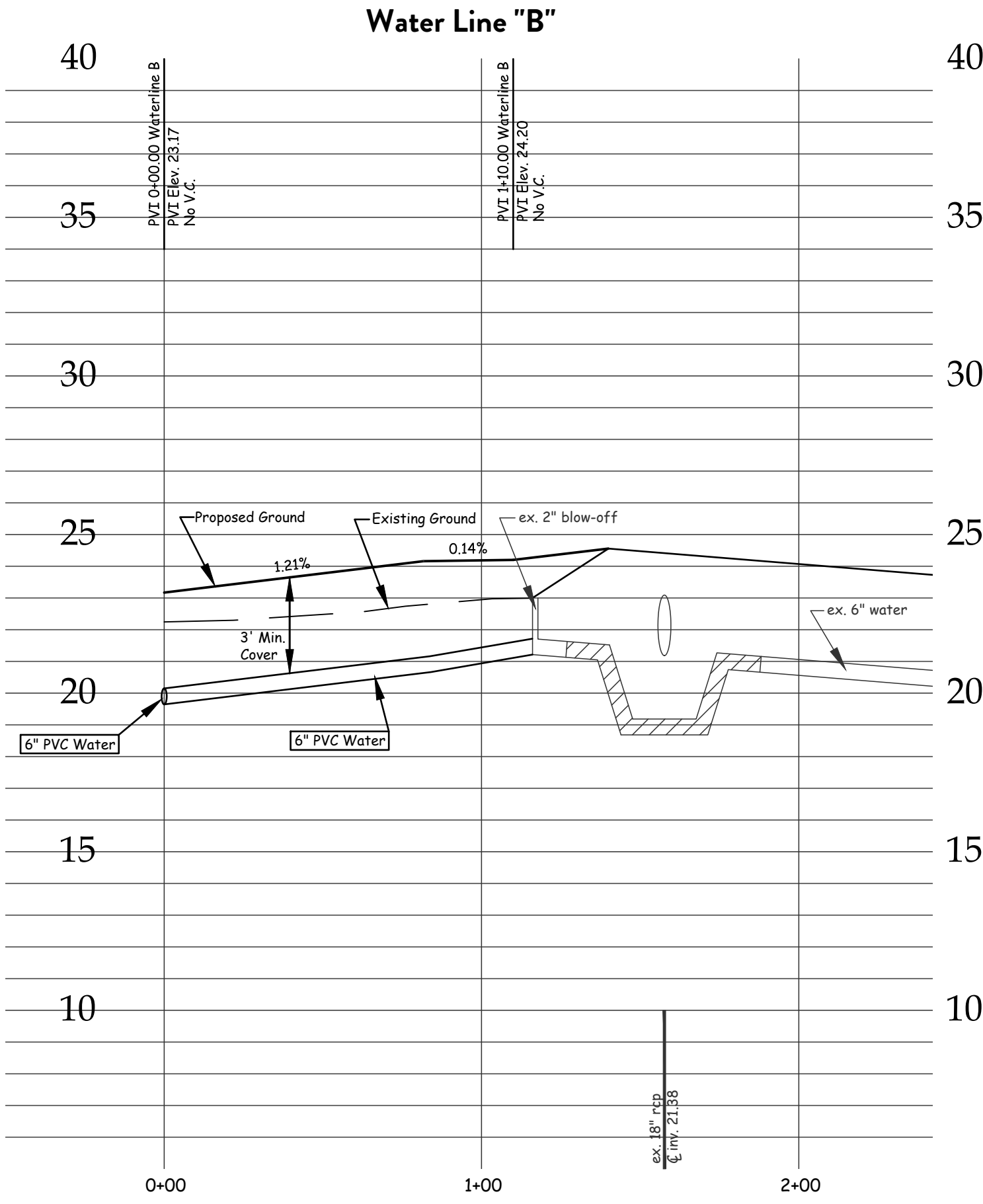
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 - Ex - Existing
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 - egw - Existing Guy Wire
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 - FFE - Finish Floor Elevation
 - F.H. - Fire Hydrant
 - G.V. - Gate Valve
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 - ISF - Iron Stake Found
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 - L.F. - Linear Feet
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 - PVC - Polyvinyl Chloride Pipe
 - R/W - Right-of-way
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 - Existing Water Meter
 - Property Line
 - Proposed Concrete Sidewalk
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Typical Pipe Crossing
Encasements Shall Extend From Ditch Line to Ditch Line in Cut Sections, Five (5) Feet Beyond The Toe of Slopes in Fill Sections, and Ten (10) Feet Beyond Edge of Pavement in Sections With No Ditch or Fill Area.

- Notes:**
1. Steel Encasement Pipe Shall Conform to The Requirements of The Project Specifications.
 2. Carrier Pipe Shall be Adequately Supported The Entire Length Within The Casing by Using Spacers or "Spider" Steel Supports at A Maximum of 9 Foot Centers (One at Each Joint and One Intermediate). Other methods must meet approval of the Engineer.

Dry Bore and Jack Pipe Encasement
(ONWASA Dtl. WS. B&J Rev. May, 2016)
Not to Scale



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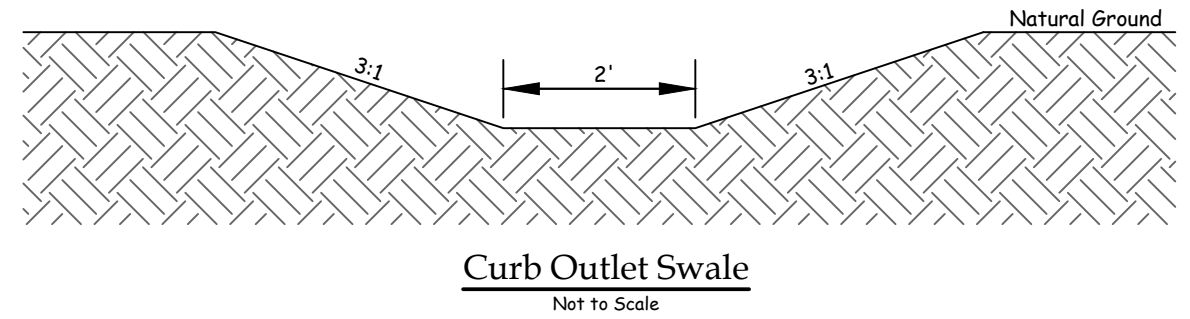
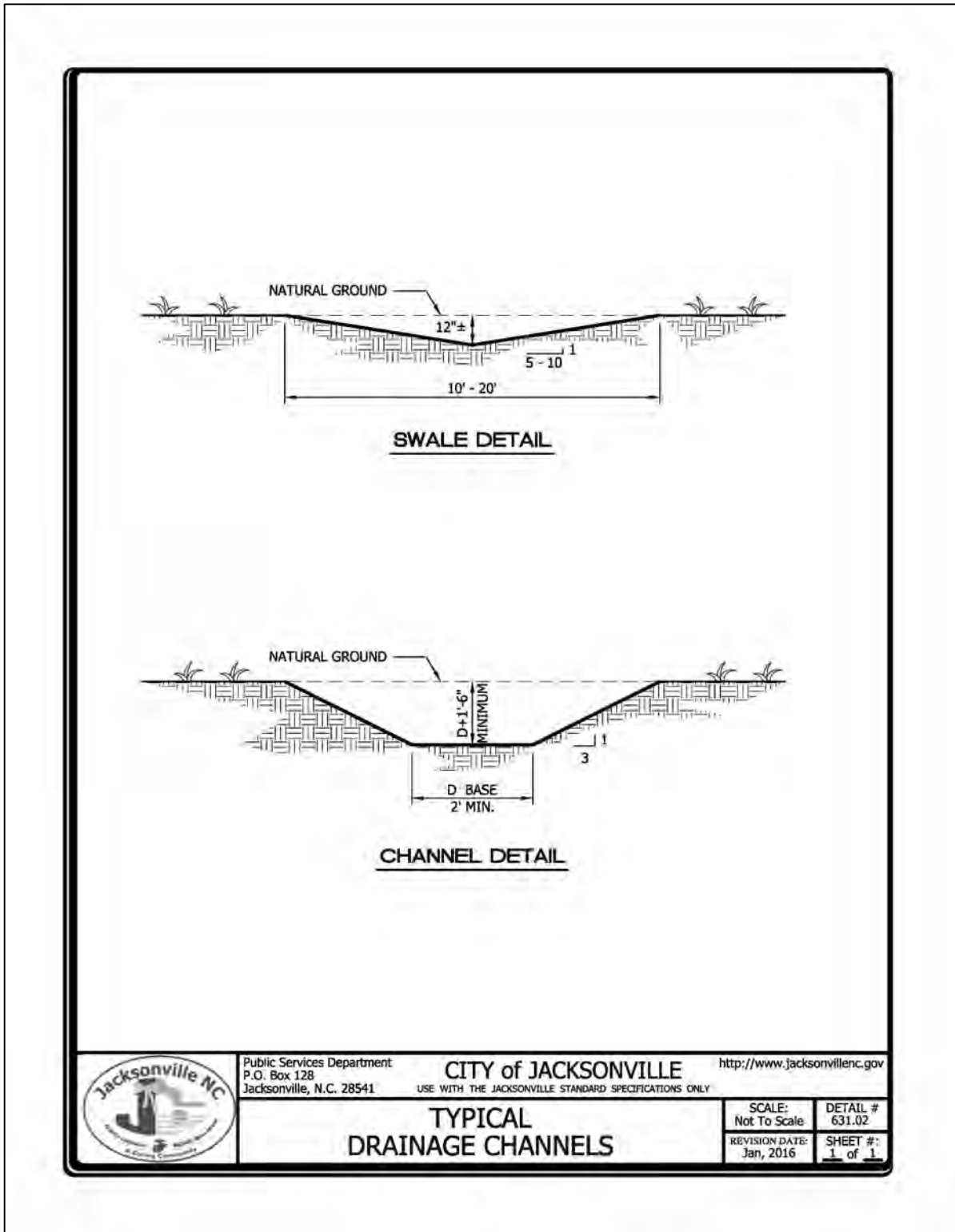
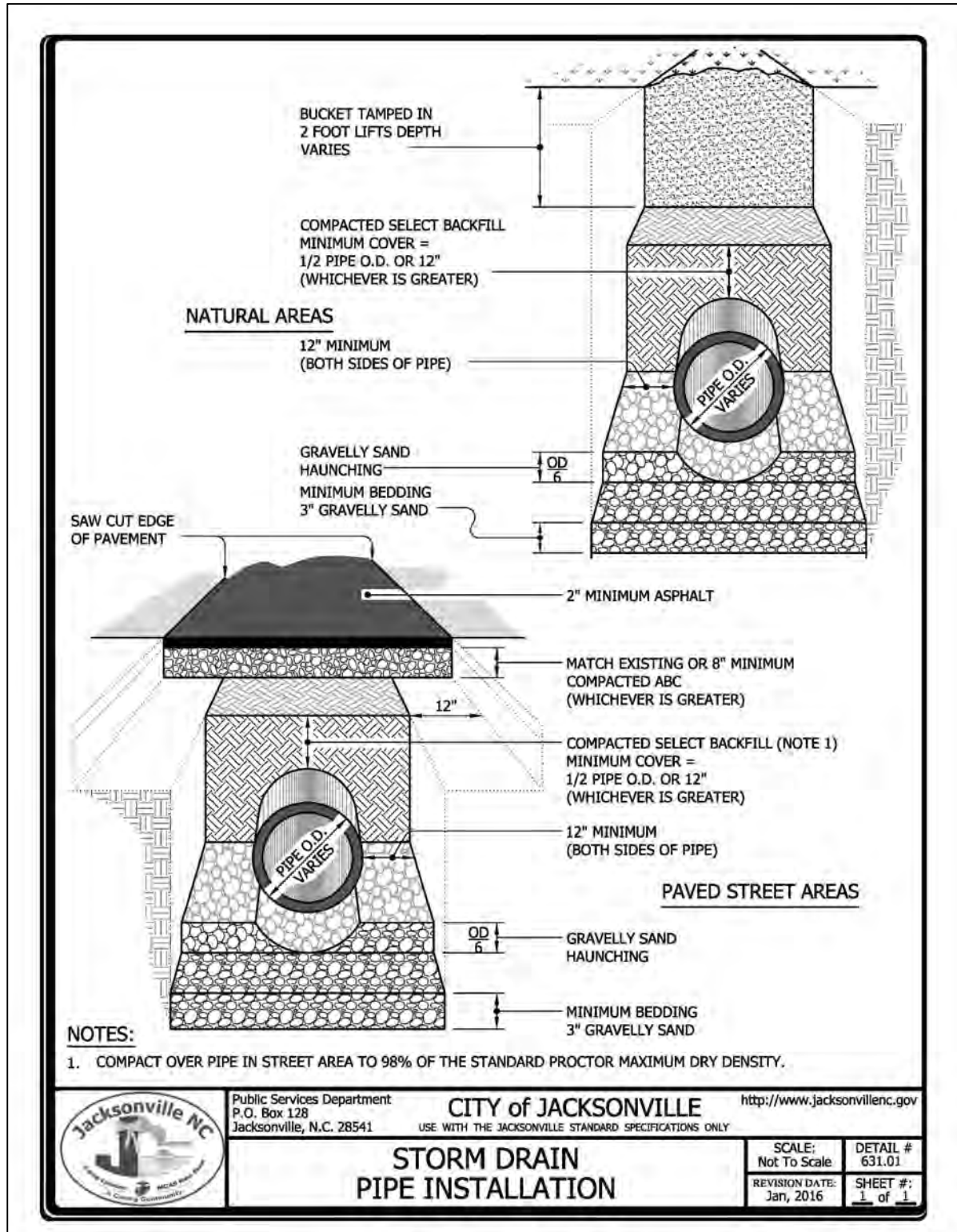
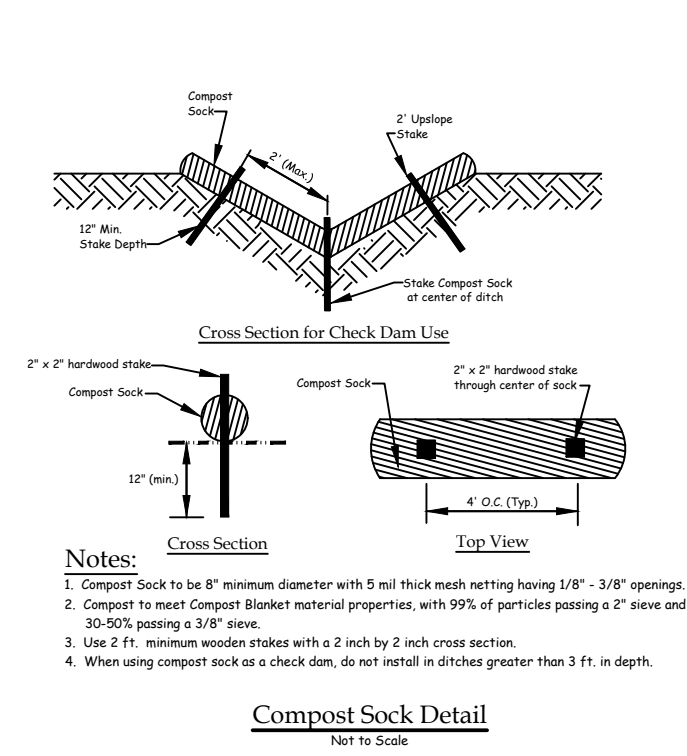
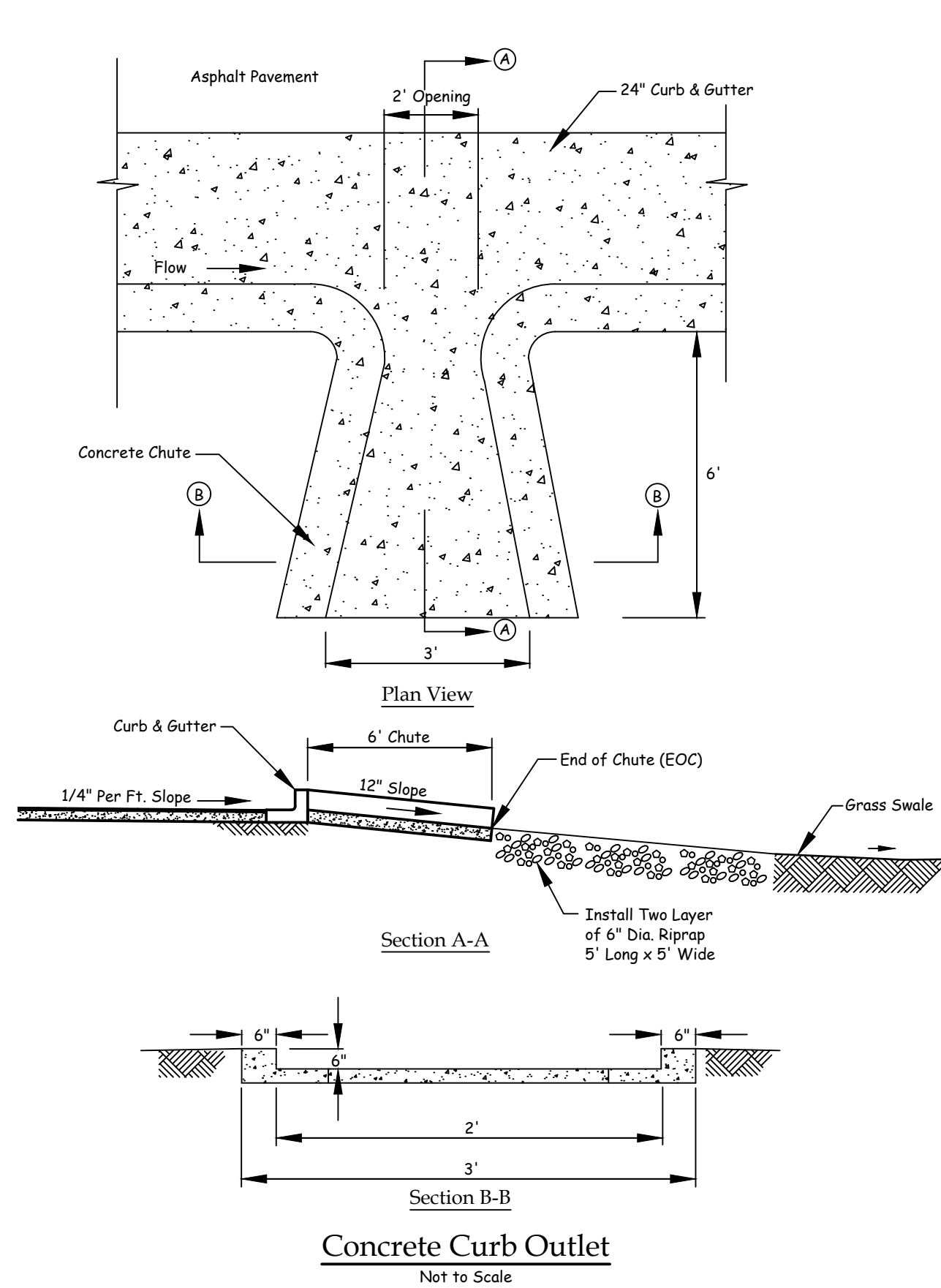
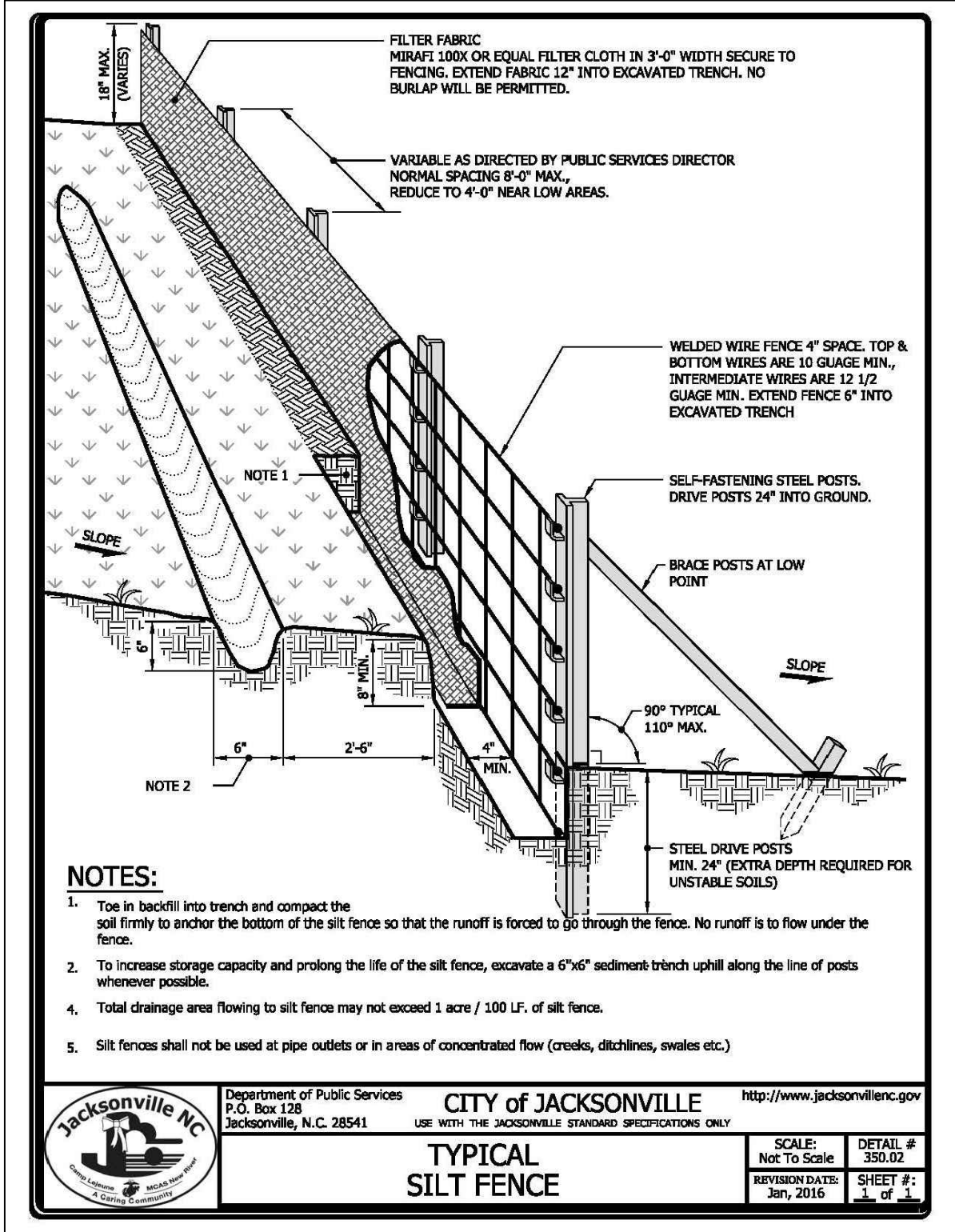
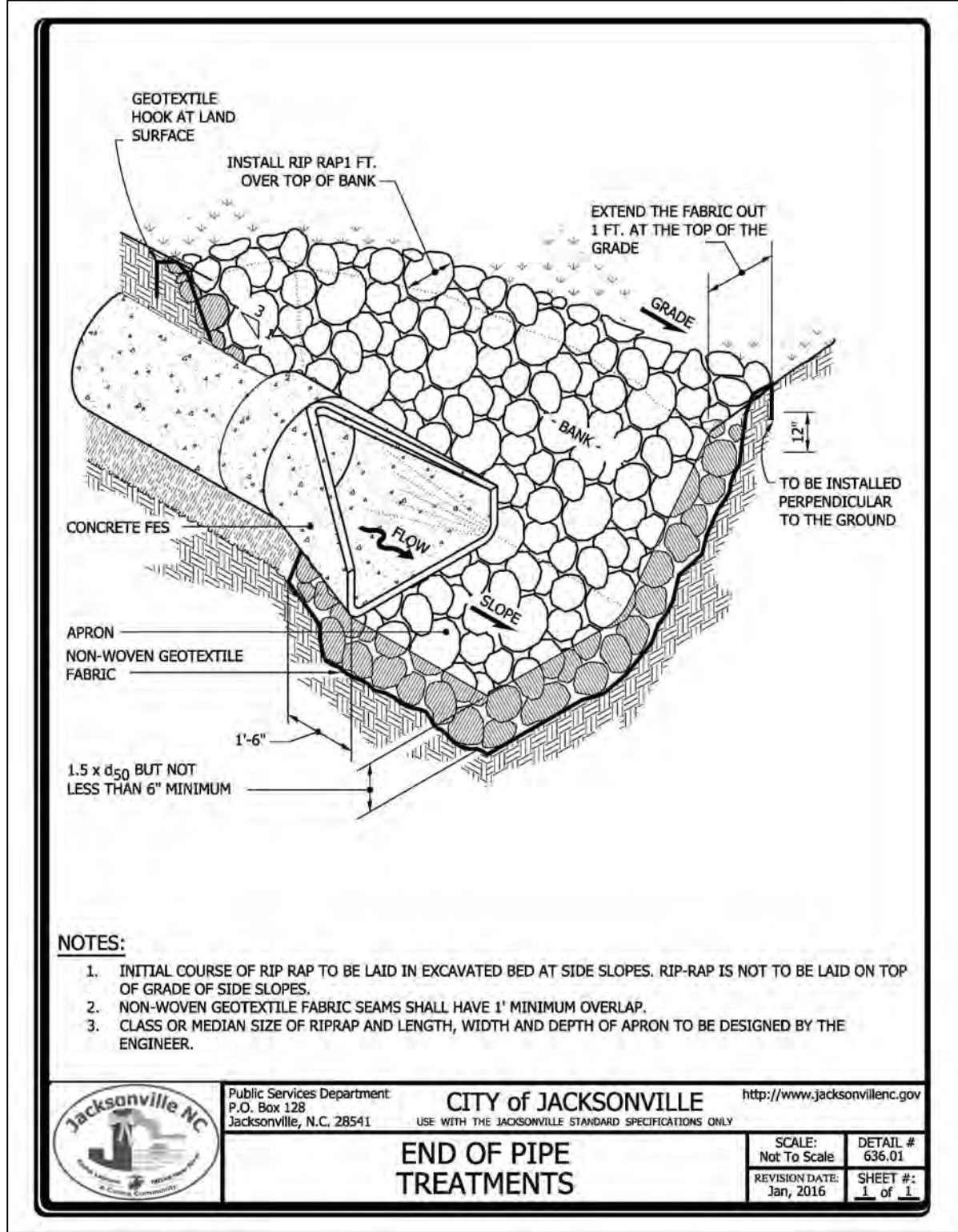
Owner:
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Jacksonville, North Carolina 28546
(910) 937-0003

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0 40 80 120
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Field Book: N/A

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Water Line "B"			
<div>CRESTFIELD POINT APARTMENTS</div> <div>Blue Creek School Road Jacksonville Twp., Onslow Co., North Carolina</div>		<div>Developer:</div> <div>Carolina Statewide Development, LLC</div> <div>166 Center Street Jacksonville, North Carolina 28546 (910) 937-0003</div>	
<div>TIDEWATER ASSOCIATES, INC.</div> <div>Consulting Engineers - Land Surveyors - Land Planners</div> <div>Jacksonville, North Carolina P.O. Box 976 - 306 New Bridge Street - 28540 Phone (910) 455-2414 - www.TidewaterENC.com Firm License Number: F-0108</div>		<div></div>	<div>Sheet No.</div> <div>9 of 13</div> <div>Designed: JAH</div> <div>Drawn: KHW</div>
Date: 02/21/2022	Scale: Vertical 1"=4' Horizontal 1"=40'	Filename: Crestfield-Site.dwg	<div>Disk: Acad #2897</div> <div>Job No.: C210826-7848</div>



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166 Center Street
Jacksonville, North Carolina 28546
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Grading, Drainage, Erosion and Sedimentation Control Detail Sheet

CRESTFIELD POINT APARTMENTS

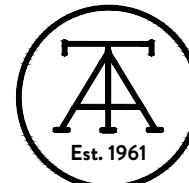
Blue Creek School Road
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Developer:
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Jacksonville, North Carolina 28546
(910) 937-0003

DATE: 02/21/2022

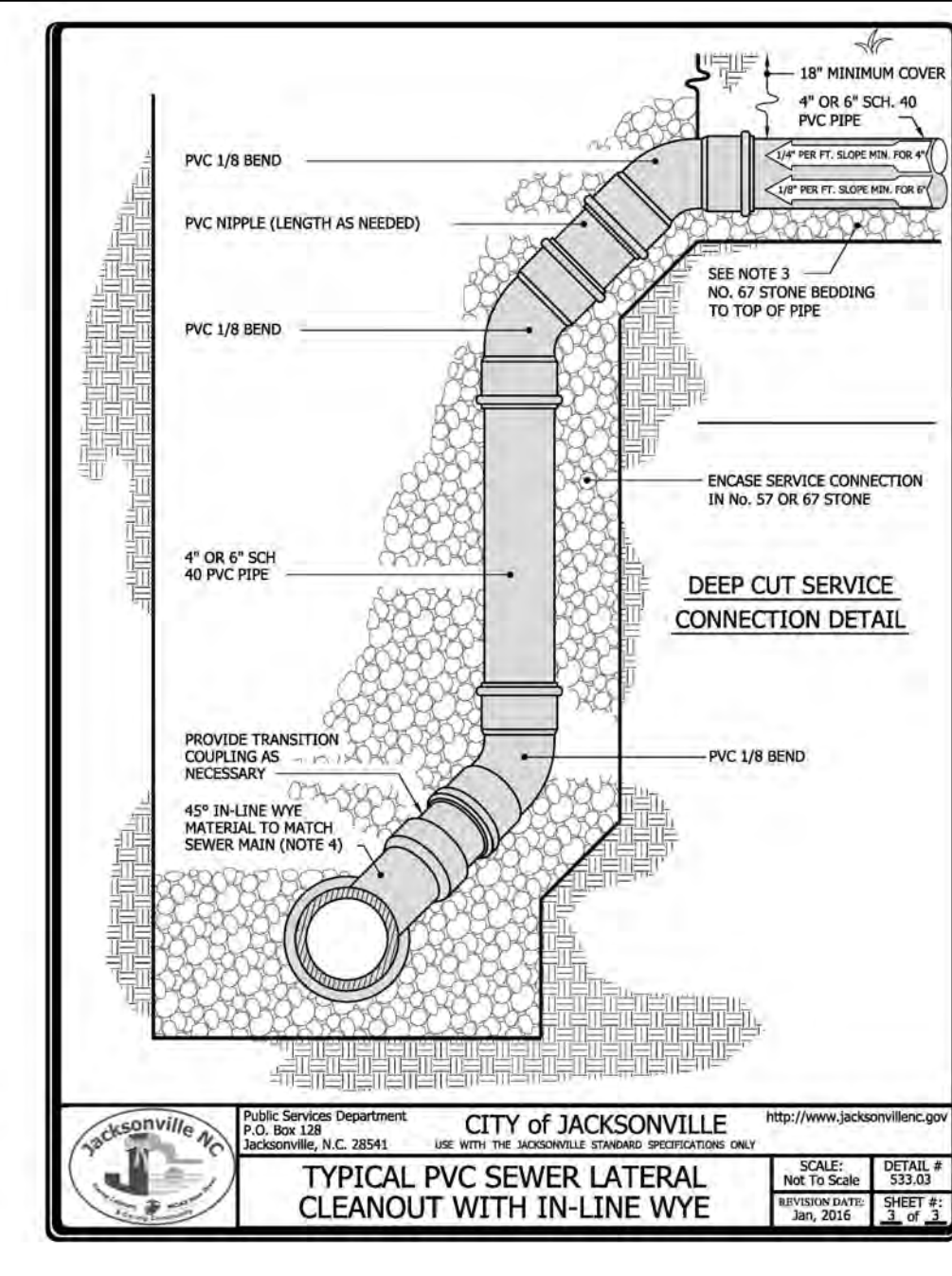
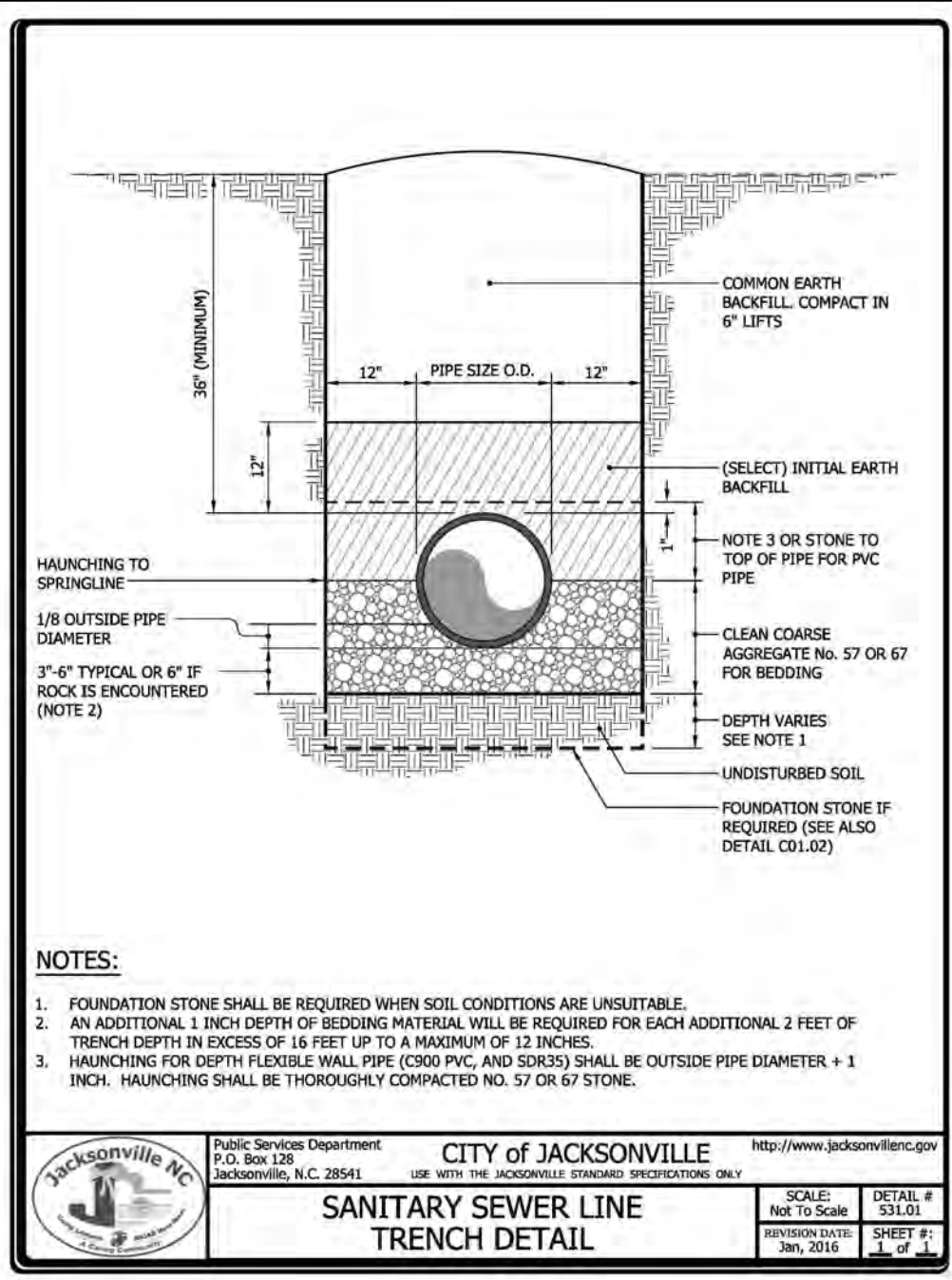
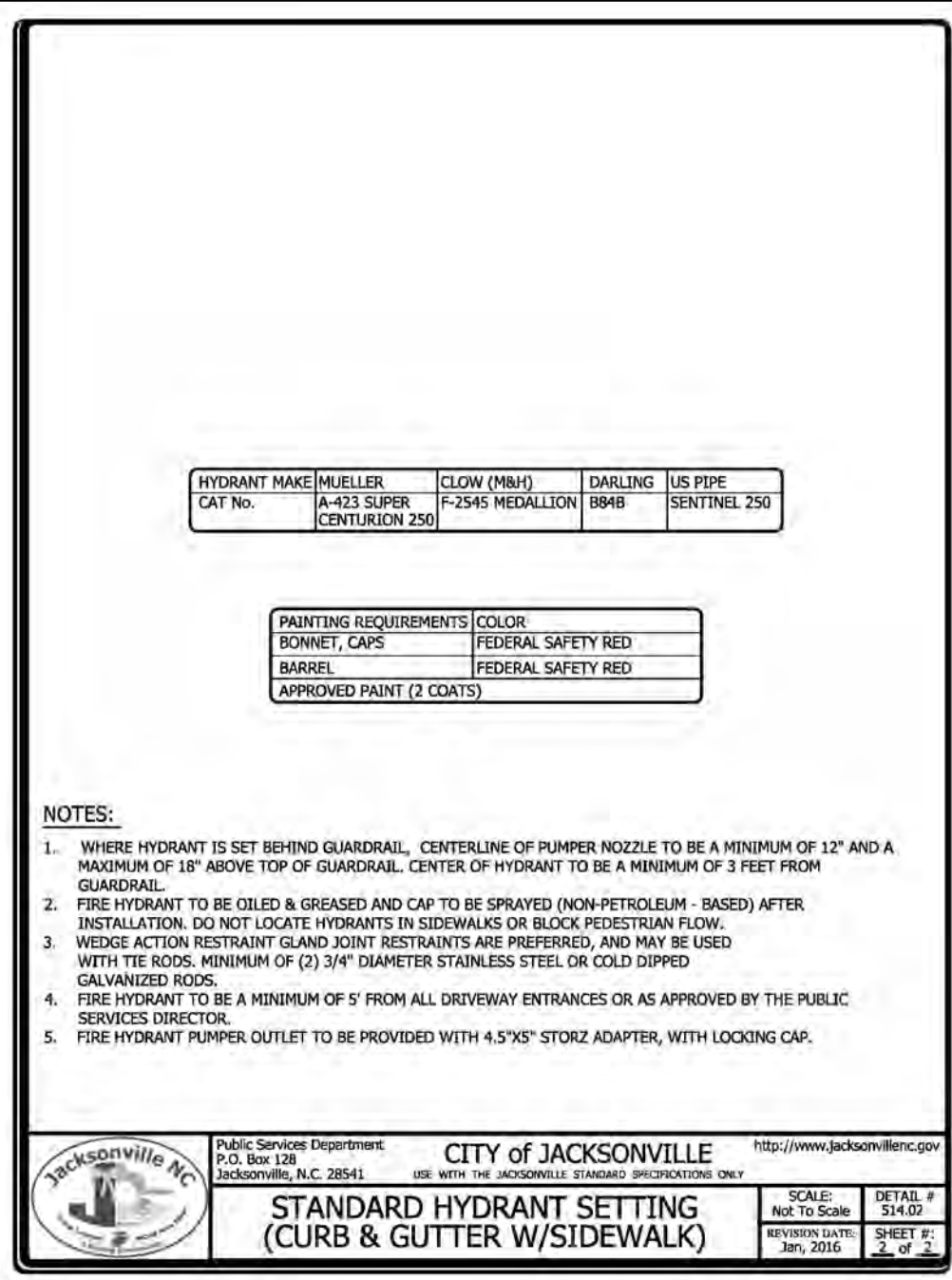
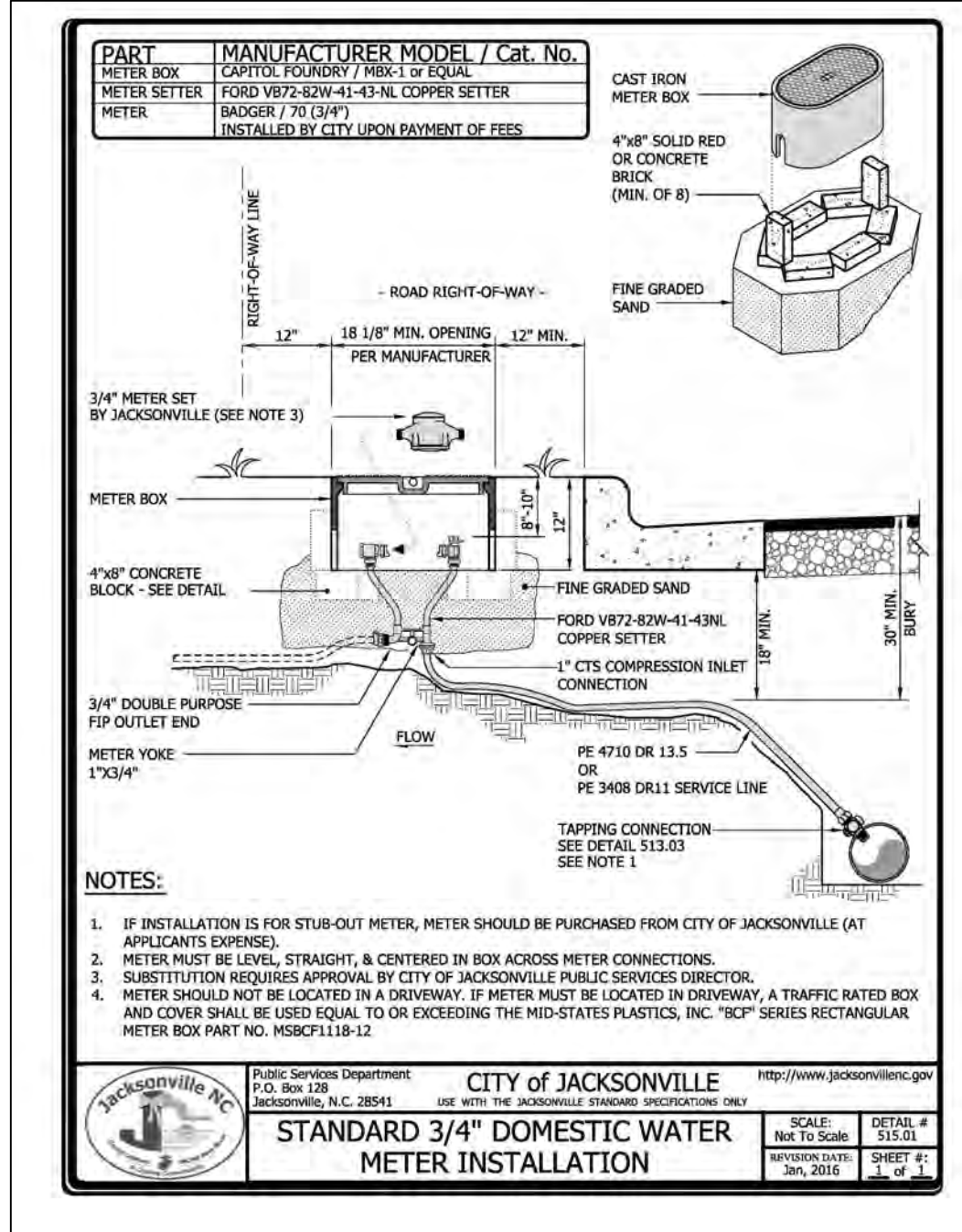
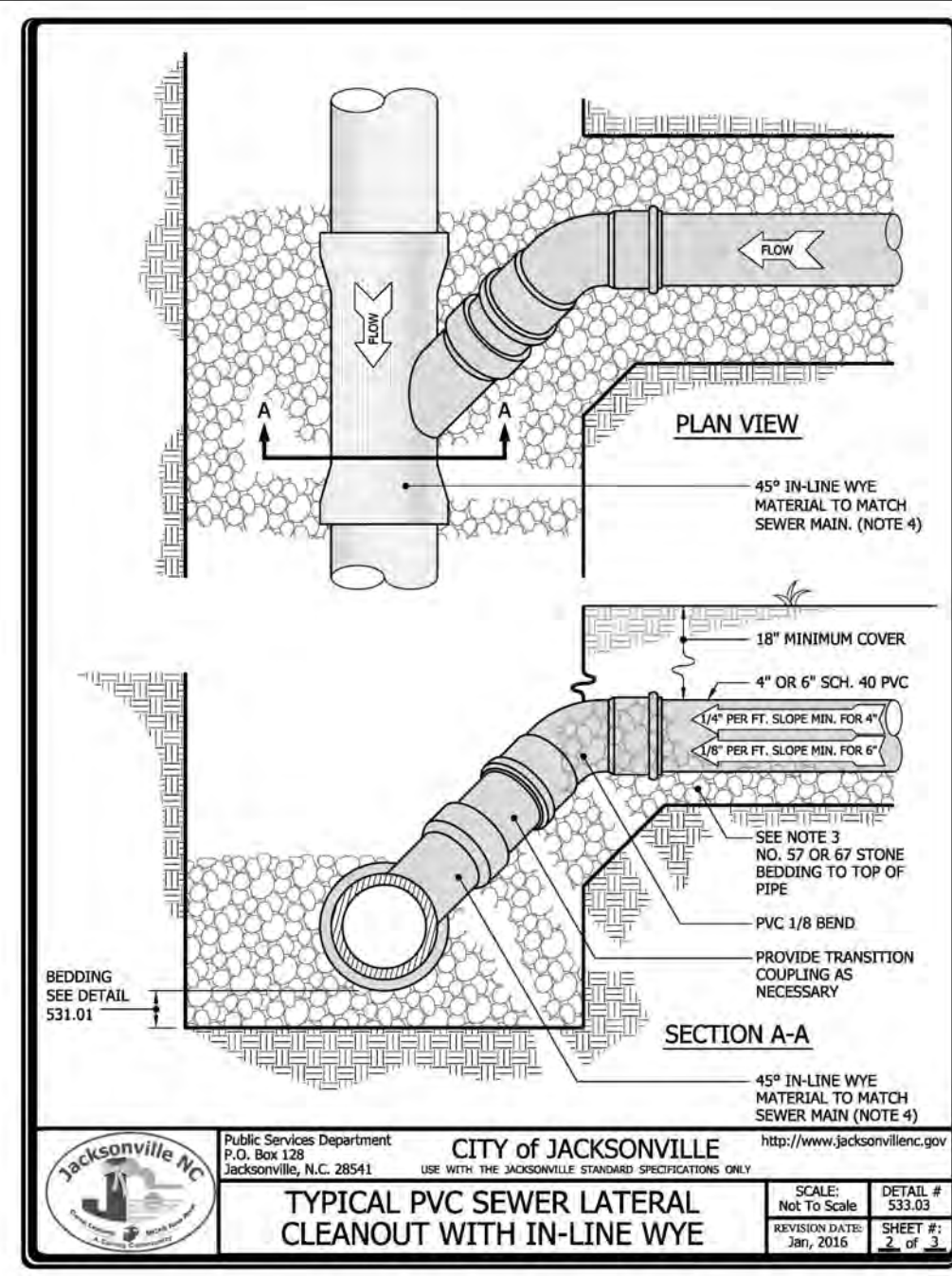
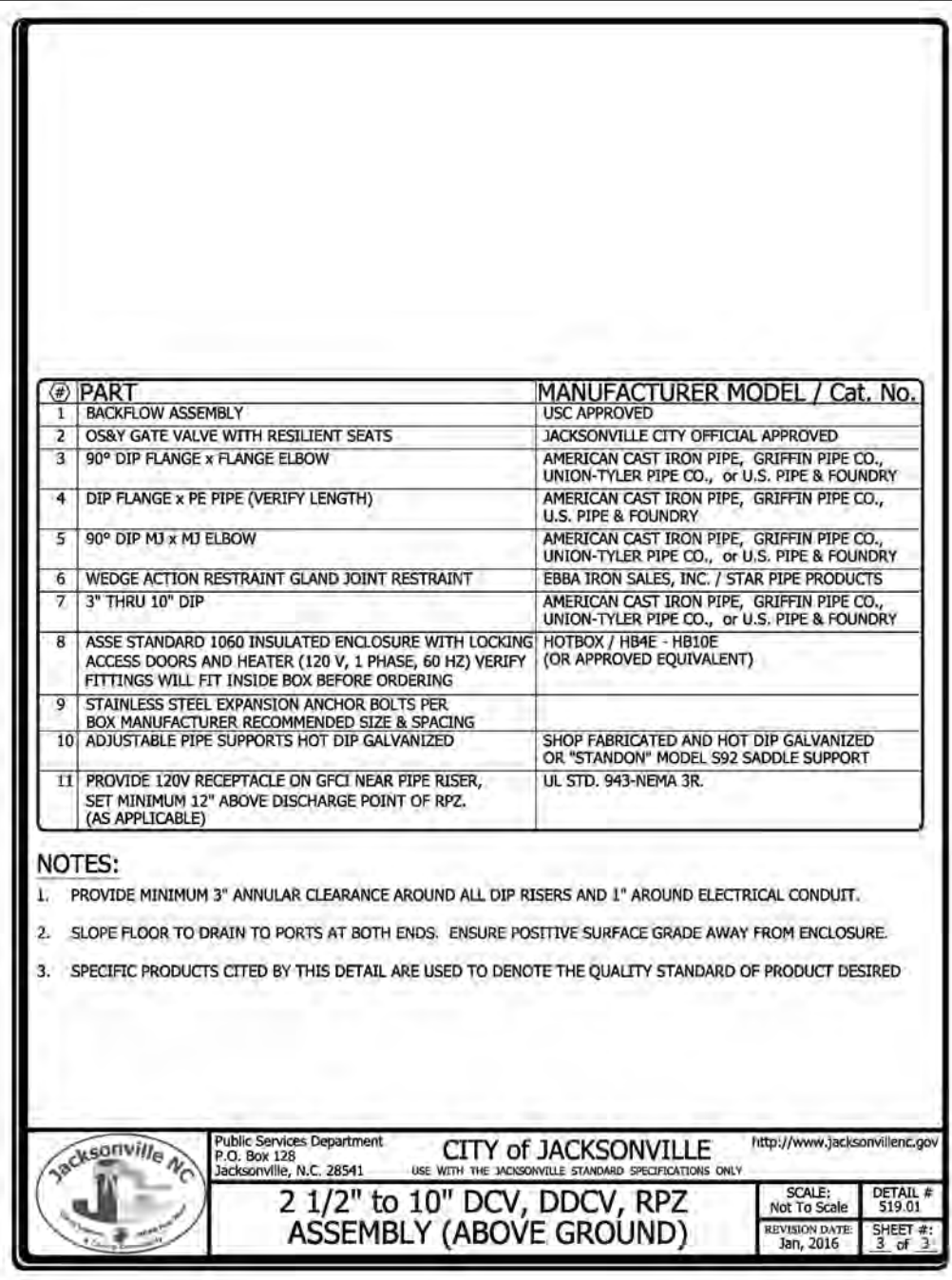
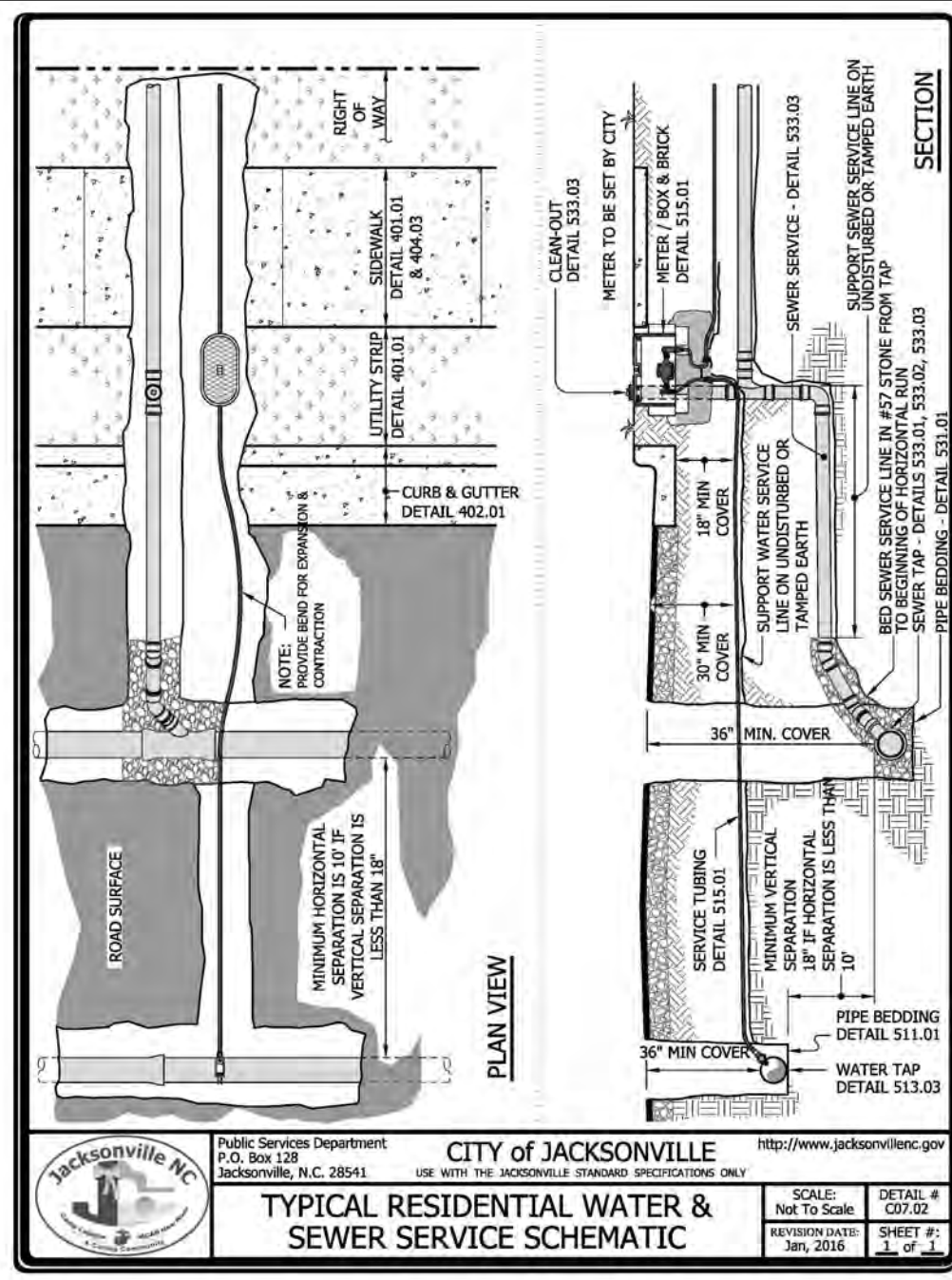
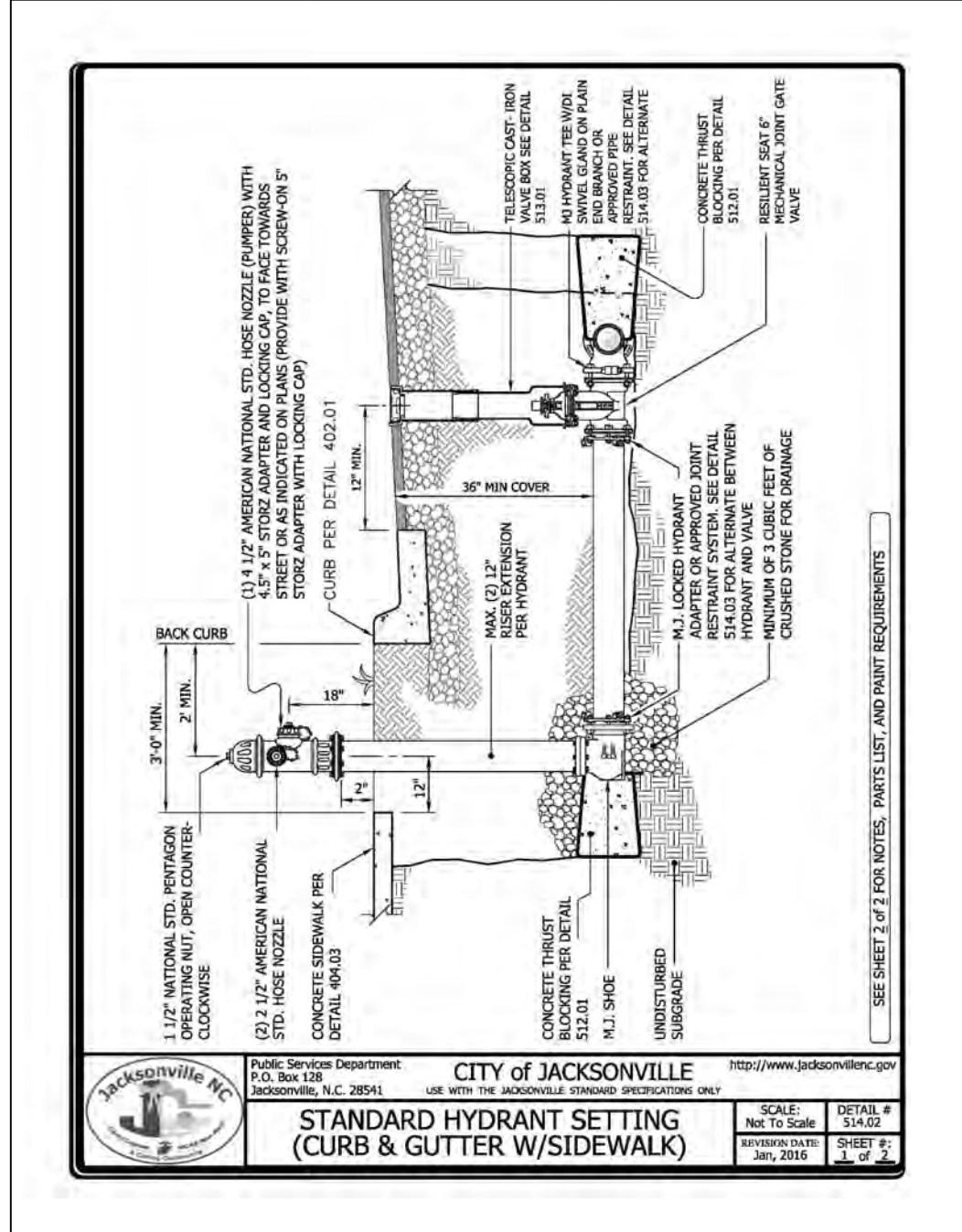
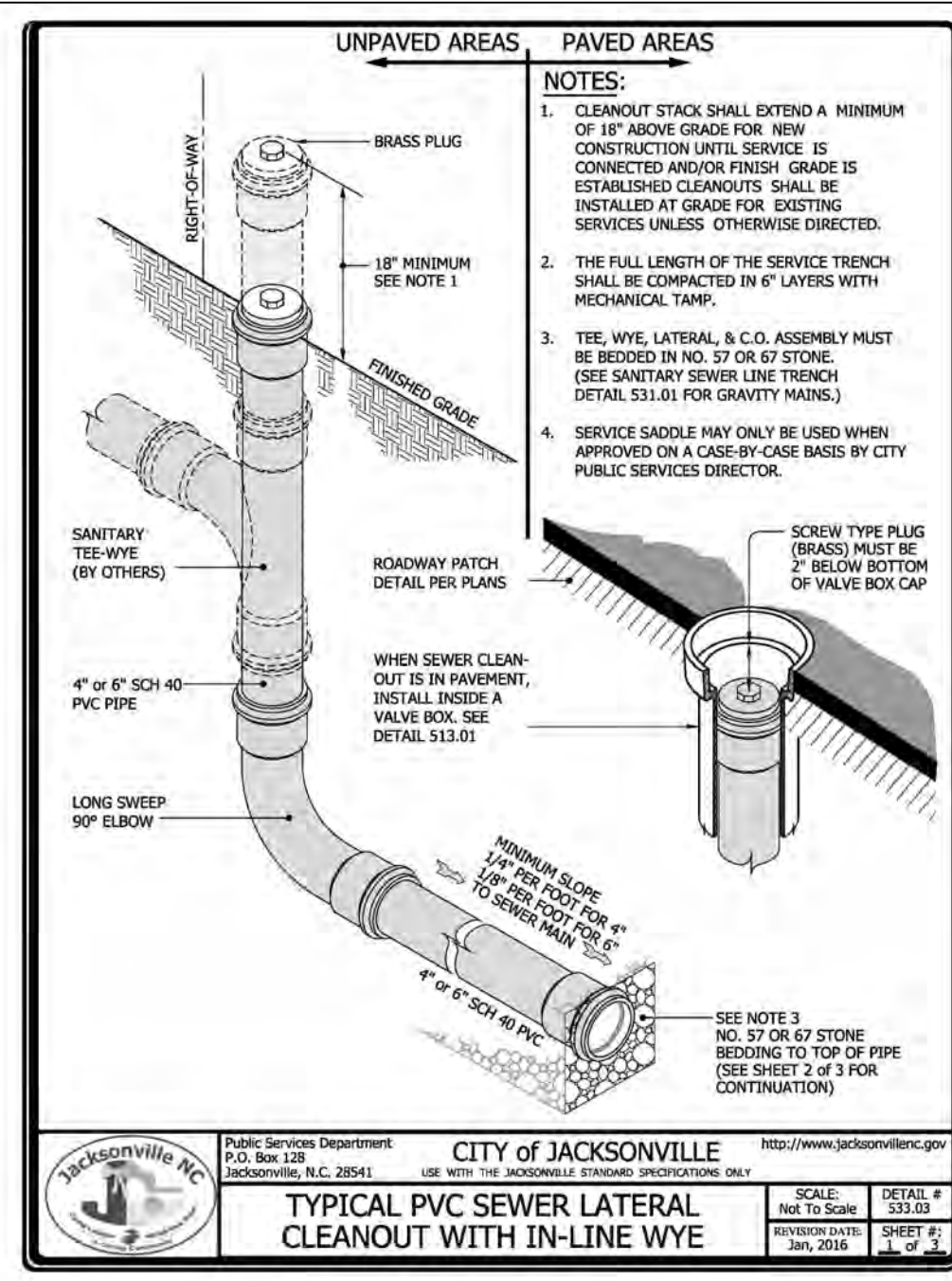
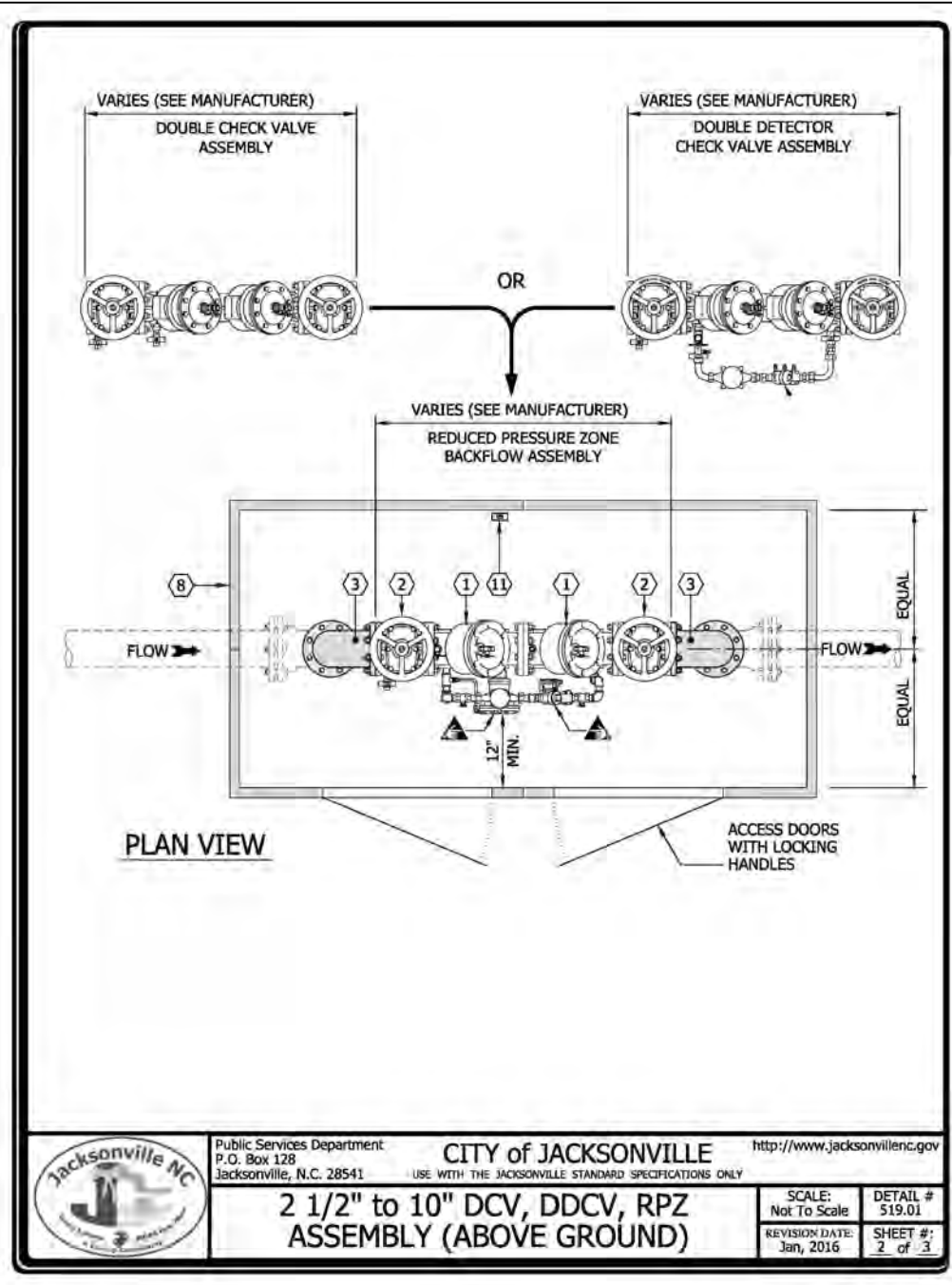
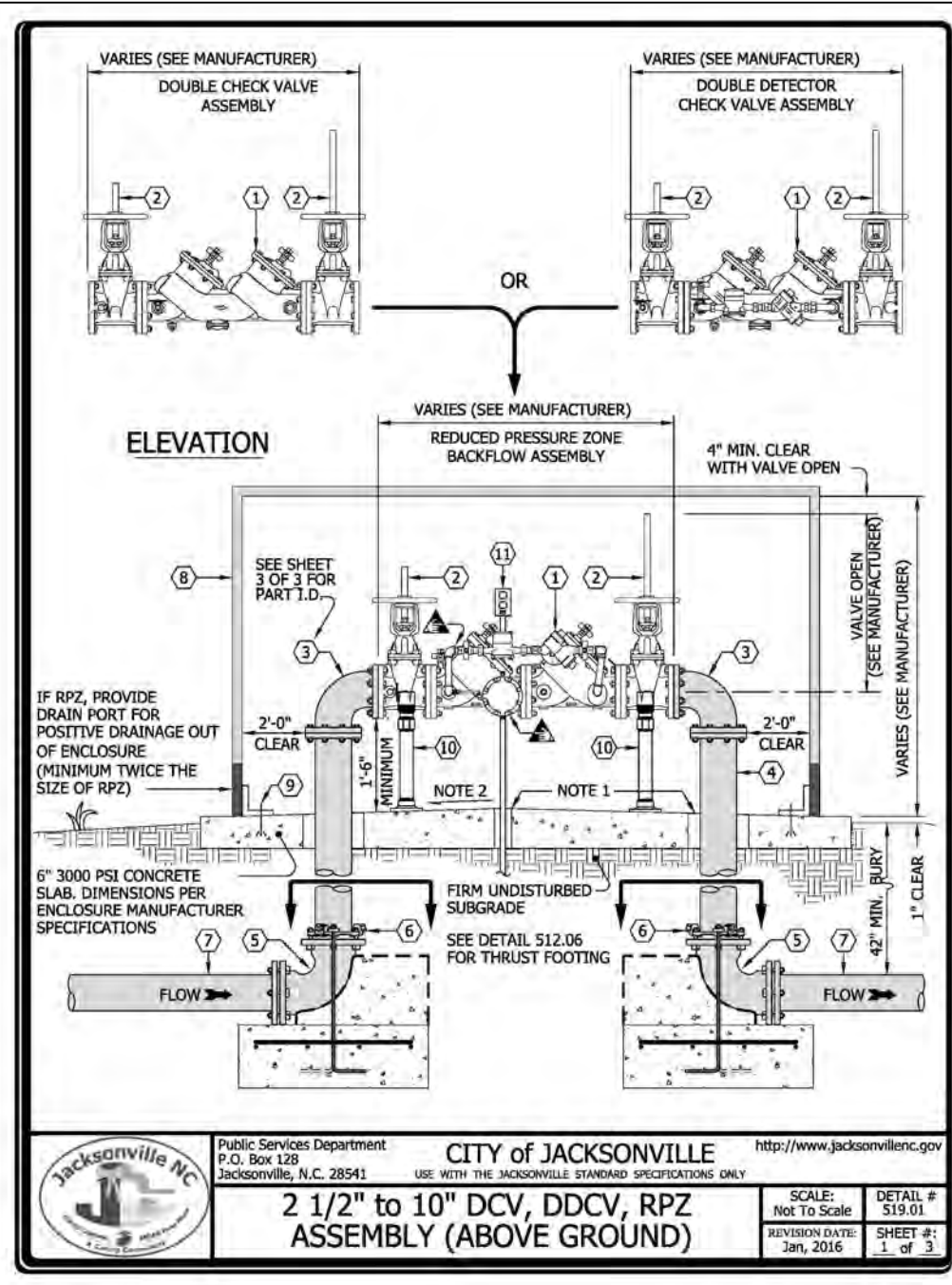
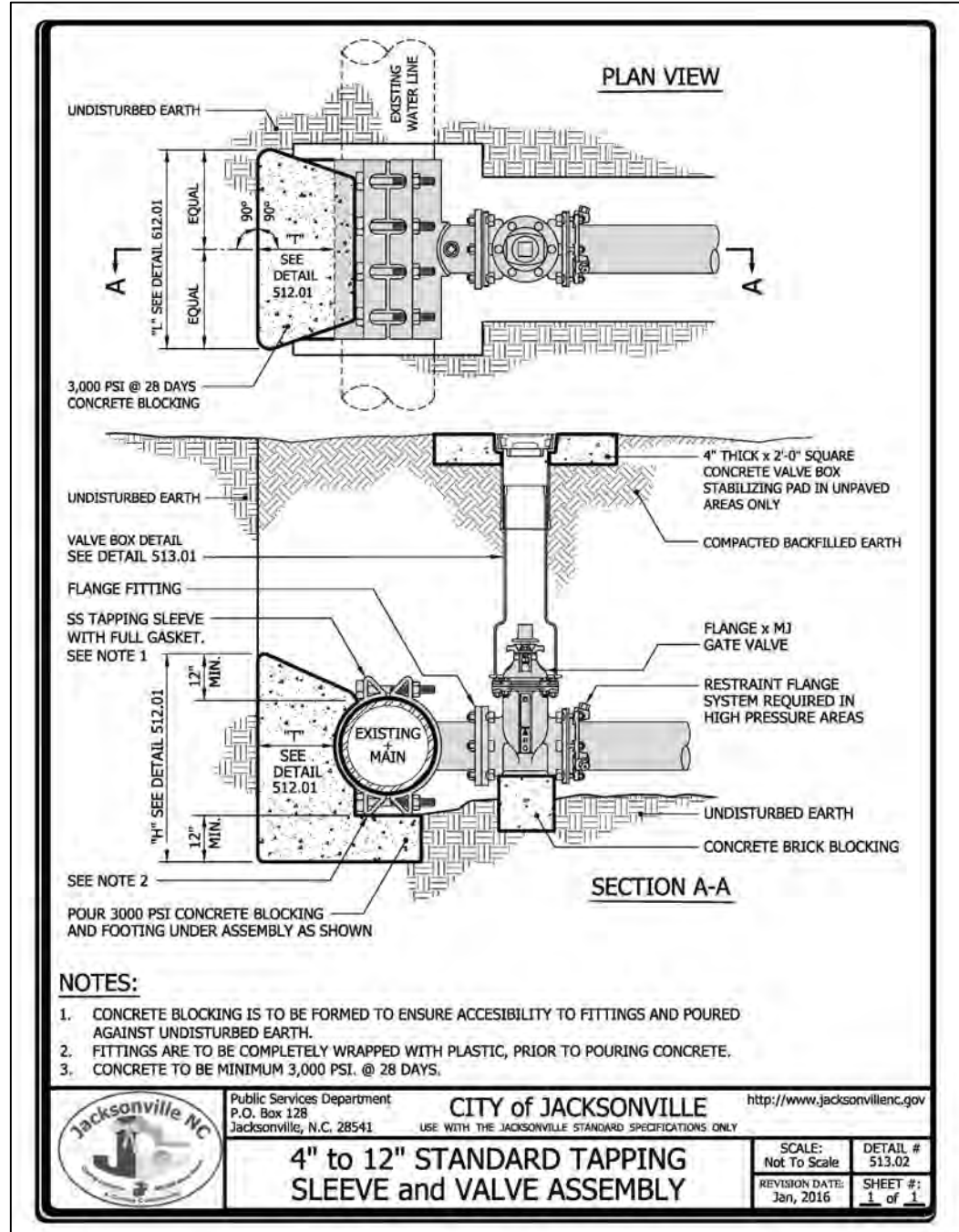
SCALE: As Noted

TIDEWATER ASSOCIATES, INC.
Consulting Engineers - Land Surveyors - Land Planners
Jacksonville, North Carolina
P.O. Box 976 - 306 New Bridge Street - 28540
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Sheet 11 of 13



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NUMBER), ON (PRELIMINARY - NOT FOR CONSTRUCTION).
THIS MEDIA SHALL NOT BE CONSIDERED A CERTIFIED DOCUMENT.

Water and Sewer Detail Sheet

CRESTFIELD POINT APARTMENTS
Blue Creek School Road
Jacksonville Twp., Onslow Co., North Carolina

Owner:
East Point Homes, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

Designer:
Carolina Statewide Development, LLC
166 Center Street
Jacksonville, North Carolina 28546
(910) 937-0003

DATE: 02/21/2022

SCALE: As Noted

TIDEWATER ASSOCIATES, INC.
Consulting Engineers - Land Surveyors - Land Planners
Jacksonville, North Carolina
P.O. Box 976 - 306 New Bridge Street - 28540
Phone (910) 455-2414 - www.TidewaterENC.com
Firm License Number: F-0108

PART II SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION A: SELF-INSPECTION

Self-inspections are required during normal business hours in accordance with the table below. When adverse weather or site conditions would cause the safety of the inspection personnel to be in jeopardy, the inspection may be delayed until the next business day on which it is safe to perform the inspection. In addition, when a storm event of equal to or greater than 1.0 inch occurs outside of normal business hours, the self-inspection shall be performed upon the commencement of the next business day. Any time when inspections were delayed shall be noted in the Inspection Record.

Insight	Frequency (during normal business hours)	Inspection records must include:
(1) Bath gauge readings and good working order	Daily	Daily rainfall amounts. If on a day with a large obstructions on holiday periods, and no individual day rainfall information is available, record the cumulative rain measurement for those unattended days (see note 4) which will determine if a site inspection is needed). Days on which no rainfall occurred shall be recorded as "zero". The permittee may use another site-monitoring device approved by the Division.
(2) E&S&C measures	At least once per 7 calendar days and within 24 hours of a rain event > 0.2 inch in 24 hours	1. Identification of measures inspected, 2. Date and time of the inspection, 3. Name of the person performing the inspection, 4. Location of whether the measures were operating properly, 5. Indication of maintenance needed for the measure, 6. Description, evidence, and date of corrective actions taken.
(3) Stormwater discharge outfalls (SDO)	At least once per 7 calendar days and within 24 hours of a rain event > 0.2 inch in 24 hours	1. Identification of the discharge outfalls inspected, 2. Date and time of the inspection, 3. Name of the person performing the inspection, 4. Evidence of evidence of stormwater pollution such as oil sheen, floating or suspended solids or discoloration, 5. Indication of visible sediment leaving the site, 6. Description, evidence, and date of corrective actions taken.
(4) Retention of site	At least once per 7 calendar days and within 24 hours of a rain event > 0.2 inch in 24 hours	1. If visible sedimentation is found outside site limits, then a record of the sediment shall be made. 2. Actions taken to clean up or stabilize the sediment that has left the site limits. 3. Description, evidence, and date of corrective actions taken, and 4. References to the actions taken to control future erosion.
(5) Stormwater or wetland outfalls	At least once per 7 calendar days and within 24 hours of a rain event > 0.2 inch in 24 hours	If a stream or wetland has increased visible sedimentation or a drain has visible increased turbidity from the construction activity, then a record of the following shall be made: 1. Description of the location of the outfall or stormwater action taken, and 2. Records of the required reports to the appropriate Division Regional Office per Part I, Section C, Item 2(f) of this permit.
(6) Ground stabilizations measures	After each phase of grading	1. The phase of grading implementation of perimeter E&S&C measures, clearing and grubbing, installation of storm drainage facilities, completion of all land-disturbing activity, construction or redevelopment, permanent ground cover. 2. Documentation that the required ground stabilization measures have been provided within the required timeframe or an assurance that they will be provided soon as possible.

NOTE: The rain inspection resets the required 7 calendar day inspection requirement.

PART III SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION B: RECORDKEEPING

1. E&S&C Plan Documentation

The approved E&S&C plan as well as any approved deviation shall be kept on the site. The approved E&S&C plan must be kept up-to-date throughout the coverage under this permit. The following items pertaining to the E&S&C plan shall be kept on site and available for inspection at all times during normal business hours.

Item to Document	Documentation Requirements
(a) Each E&S&C measure has been installed and does not significantly deviate from the location, dimensions and relative elevations shown on the approved E&S&C plan.	Initial and date each E&S&C measure on a copy of the approved E&S&C plan or complete, date and sign an inspection report that lists each E&S&C measure shown on the approved E&S&C plan. This documentation is required upon the initial installation of the E&S&C measures or if the E&S&C measures are modified after initial installation.
(b) A phase of grading has been completed.	Initial and date a copy of the approved E&S&C plan or complete, date and sign an inspection report to indicate completion of the construction phase.
(c) Ground cover is located and installed in accordance with the approved E&S&C plan.	Initial and date a copy of the approved E&S&C plan or complete, date and sign an inspection report to indicate compliance with approved ground cover specifications.
(d) The maintenance and repair requirements for all E&S&C measures have been performed.	Complete, date and sign an inspection report.
(e) Corrective actions have been taken to E&S&C measures.	Initial and date a copy of the approved E&S&C plan or complete, date and sign an inspection report to indicate the completion of the corrective action.

2. Additional Documentation to be Kept on Site

In addition to the E&S&C plan documents above, the following items must be kept on the site and available for inspectors at all times during normal business hours, unless the Division provides a site-specific exemption based on unique site conditions that make this requirement not practical:

- This General Permit as well as the Certificate of Coverage, after it is received.
- Records of inspections made during the previous twelve months. The permittee shall record the required observations on the Inspection Record Form provided by the Division or a similar inspection form that includes all the required elements. Use of electronically-available records in lieu of the required paper copies will be allowed if shown to provide equal access and utility as the hard-copy records.

3. Documentation to be Retained for Three Years

All data used to complete the e-N01 and all inspection records shall be maintained for a period of three years after project completion and made available upon request. [40 CFR 122.41]

PART III SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION C: REPORTING

1. Occurrences that Must be Reported

Permittees shall report the following occurrences:

- Visible sediment deposition in a stream or wetland.
- Oil spills if:
 - They are 25 gallons or more,
 - They are less than 25 gallons but cannot be cleaned up within 24 hours,
 - They cause sheen on surface waters (regardless of volume), or
 - They are within 100 feet of surface waters (regardless of volume).
- Releases of hazardous substances in excess of reportable quantities under Section 311 of the Clean Water Act (Ref: 40 CFR 110.3 and 40 CFR 117.3) or Section 102 of CERCLA (Ref: 40 CFR 302.4) or G.S. 143-215.85.
- Anticipated bypasses and unanticipated bypasses.
- Noncompliance with the conditions of this permit that may endanger health or the environment.

2. Reporting Timeframes and Other Requirements

After a permittee becomes aware of an occurrence that must be reported, he shall contact the appropriate Division regional office within the timeframes and in accordance with the other requirements listed below. Occurrences outside normal business hours may also be reported to the Department's Environmental Emergency Center personnel at (800) 858-0368.

Occurrence	Reporting Timeframes (After Discovery) and Other Requirements
(a) Visible sediment deposition in a stream or wetland	<ul style="list-style-type: none"> Within 24 hours, an oral or electronic notification. Within 7 calendar days, a report that contains a description of the sediment and action taken to address the cause of the deposition. Division staff may waive the requirement for a written report on a case-by-case basis. If the stream is named on the NC 303(d) list as impaired for sediment-related causes, the permittee may be required to perform additional monitoring, inspections or apply more stringent practices if staff determine that additional requirements are needed to assure compliance with the federal or state impaired waters conditions.
(b) Oil spills and release of hazardous substances per item 1(b)(3) above	<ul style="list-style-type: none"> (c) Anticipated bypasses: [40 CFR 122.41(m)(3)] (d) Unanticipated bypasses: [40 CFR 122.41(m)(3)] (e) Noncompliance with the conditions of this permit that may endanger health or the environment: [40 CFR 122.41(n)(7)]
(c) Report of at least ten days before the date of the bypass, if possible.	<ul style="list-style-type: none"> The report shall include an evaluation of the anticipated quality and effect of the bypass. Within 24 hours, an oral or electronic notification. Within 7 calendar days, a report that contains a description of the noncompliance, and its causes; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time noncompliance is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. [40 CFR 122.41(n)(6)] Division staff may waive the requirement for a written report on a case-by-case basis.

PART II, SECTION G, ITEM (4)

DRAW DOWN OF SEDIMENT BASINS FOR MAINTENANCE OR CLOSE OUT

Sediment basins and traps that receive runoff from drainage areas of one acre or more shall use outlet structures that withdraw water from these devices need to be drawn down for maintenance or close out unless this is infeasible. The circumstances in which it is not feasible to withdraw water from the surface shall be rare (for example, times with extended cold weather). Non-surface withdrawals from sediment basins shall be allowed only when all of the following criteria have been met:

- The E&S&C plan authority has been provided with documentation of the non-surface withdrawal and the specific time periods or conditions in which it will occur. The non-surface withdrawal shall not commence until the E&S&C plan authority has approved these items,
- The non-surface withdrawal has been reported as an anticipated bypass in accordance with Part II, Section C, Item 2(c)(2) and (d) of this permit,
- Dewatering discharges are treated with controls to minimize discharges of pollutants from stormwater that is removed from the sediment basin. Examples of appropriate controls include:
 - ungrated, designed and installed dewatering tanks, water tanks and filtration,
 - Vegetated, upland areas of the sites or a properly designed stone pad is used to the extent feasible at the outlet of the dewatering treatment devices described in item (c) above,
 - Velocity dislocation devices such as check dams, sediment traps, and riprap are provided at the discharge points of all dewatering devices, and
 - Sediment removed from the dewatering treatment devices described in item (c) above is disposed of in a manner that does not cause dust deposition into waters of the United States.

NORTH CAROLINA
Environmental Quality

NCG01 SELF-INSPECTION, RECORDKEEPING AND REPORTING

EFFECTIVE: 04/01/19

GROUND STABILIZATION AND MATERIALS HANDLING PROCEDURES FOR COMPLIANCE WITH THE NCGRU CONSTRUCTION GENERAL PERMIT

Implementing the details and specifications on this plan sheet will result in the construction activity being considered compliant with the Ground Stabilization and Materials Handling sections of the NCGRU Construction General Permit (Sections E and F, respectively). The permittee shall comply with the Erosion and Sediment Control plan approved by the delegated authority having jurisdiction. All details and specifications shown on this sheet may not apply depending on site conditions and the delegated authority having jurisdiction.

EQUIPMENT AND VEHICLE MAINTENANCE

1. Maintain vehicles and equipment to prevent discharge of fluids.
2. Provide drip pans under any stored equipment.
3. Identify leaks and repair as soon as feasible, or remove leaking equipment from the project.
4. Collect all spent fluids, store in separate containers and properly dispose as hazardous waste (recycle when possible).
5. Remove leaking vehicles and construction equipment from service until the problem has been corrected.
6. Bring used fuels, lubricants, coolants, hydraulic fluids and other petroleum products to a recycling or disposal center that handles these materials.

CONCRETE WASHOUT STRUCTURE

SECTION E: GROUND STABILIZATION

Required Ground Stabilization Timeframes		
Site Area Description	Stabilize within this many calendar days after ceasing land disturbance	Timeframe variations
(a) Perimeter dikes, swales, ditches, and perimeter slopes	7	None
(b) High Quality Water (HQW) Zones	7	None
(c) Slopes steeper than 3:1	7	<p>If slopes are 10' or less in length and are not steeper than 2:1, 14 days are allowed.</p> <p>-7 days for slopes greater than 50' in length and with slopes steeper than 4:1.</p> <p>-7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones</p> <p>-10 days for Falls Lake Watershed</p>
(d) Slopes 3:1 to 4:1	14	<p>-7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones</p> <p>-10 days for Falls Lake Watershed unless there is zero slope</p>
(e) Areas with slopes flatter than 4:1	14	

Note: After the permanent cessation of construction activities, any areas with temporary ground stabilization shall be converted to permanent ground stabilization as soon as practicable but in no case longer than 90 calendar days after the last land disturbing activity. Temporary ground stabilization shall be maintained in a manner to render the surface stable against accelerated erosion until permanent ground stabilization is achieved.

LITER, BUILDING MATERIAL AND LAND CLEARING WASTE

1. Never bury or burn waste. Place litter and debris in approved waste containers.
2. Provide a sufficient number and size of waste containers (e.g. dumpster, trash receptacle) on site to contain construction and domestic wastes.
3. Locate waste containers at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
4. Locate waste containers on areas that do not receive substantial amounts of runoff from upland areas and does not drain directly to a storm drain, stream or wetland.
5. Cover waste containers at the end of each workday and before storm events or provide secondary containment. Repair or replace damaged waste containers.
6. Anchor all lightweight items in waste containers during times of high winds.
7. Empty waste containers as needed to prevent overflow. Clean up immediately if containers overflow.
8. Dispose waste off site at an approved disposal facility.
9. On business days, clean up and dispose of waste in designated waste containers.

PAINT AND OTHER LIQUID WASTE

1. Do not dump paint and other liquid waste into storm drains, streams or wetlands.
2. Store paint in sealed containers at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
3. Contain liquid wastes in a controlled area.
4. Containment must be labeled, sized and placed appropriately for the needs of site.
5. Prevent the discharge of solvents, solvents, detergents and other liquid wastes from construction sites.

GROUND STABILIZATION SPECIFICATION

Stabilize the ground sufficiently so that rain will not dislodge the soil. Use one of the techniques in the table below:

Temporary Stabilization	Permanent Stabilization
<ul style="list-style-type: none"> • Temporary grass seed covered with straw or other mulches and tackifiers • Hydroseeding • Rolled erosion control products with or without temporary grass seed • Appropriately applied straw or other mulch • Plastic sheeting 	<ul style="list-style-type: none"> • Permanent grass seed covered with straw or other mulches and tackifiers • Geotextile fabrics such as permanent soil reinforcement matting • Hydroseeding • Shrubs or other permanent plantings covered with mulch • Uniform and evenly distributed ground cover sufficient to restrain erosion • Structural methods such as concrete, asphalt or retaining walls • Rolled erosion control products with grass seed

PORTABLE TOILETS

1. Install portable toilets on level ground, at least 50 feet away from storm drains, streams or wetlands unless there is no alternative reasonably available. If 50 foot offset is not attainable, provide relocation of portable toilet behind silt fence or place on a gravel pad and surround with sand bags.
2. Provide stacking or anchoring of portable toilets during periods of high winds or in high traffic areas.
3. Monitor portable toilets for leaking and properly dispose of any leaked material. Utilize a licensed sanitary waste hauler to remove leaking portable toilets and replace with properly operating unit.

EARTHEN STOCKPILE MANAGEMENT

1. Show stockpile locations on plans. Locate earthen-material stockpile areas at least 50 feet away from storm drain inlets, sediment basins, perimeter sediment controls and surface waters unless it can be shown no other alternatives are reasonably available.
2. Protect stockpile with silt fence installed along toe of slope with a minimum offset of five feet from the toe of the stockpile.
3. Provide stable stone access point when feasible.
4. Stabilize stockpile within the timeframes provided on this sheet and in accordance with the approved plan and any additional requirements. Soil stabilization is defined as vegetative, physical or chemical coverage techniques that will restrain accelerated erosion on disturbed soils for temporary or permanent control needs.

POLYACRYLAMIDES (PAMS) AND FLOCCULANTS

1. Select flocculants that are appropriate for the soils being exposed during construction, selecting from the NC DWR List of Approved PAMS/Flocculants.
2. Apply flocculants at or before the inlets to Erosion and Sediment Control Structures.
3. Apply flocculants at the concentrations specified in the NC DWR List of Approved PAMS/Flocculants and in accordance with the manufacturer's instructions.
4. Provide ponding area for containment of treated Stormwater before discharging offsite.
5. Store flocculants in leak-proof containers that are kept under storm-resistant cover or surrounded by secondary containment structures.

CONCRETE WASHOUTS

1. Do not discharge concrete or cement slurry from the site.
2. Dispose of, or recycle/strengthen, hardened concrete residue in accordance with local and state solid waste regulations and at an approved facility.
3. Manage washout from mortar mixers in accordance with the above item and in addition place the mixer and associated materials on impervious barrier and within lot perimeter silt fence.
4. Install temporary concrete washouts per local requirements, where applicable. If an alternate method or product is to be used, contact your approval authority for review and approval. If local standard details are not available, use one of the two types of temporary concrete washouts provided on this detail.
5. Do not use concrete washouts for dewatering or storing defective curb or sidewalk sections. Stormwater accumulated within the washout may not be pumped into or discharged to the storm drain system or receiving surface waters. Liquid waste must be pumped out and removed from project.
6. Locate washouts at least 50 feet from storm drain inlets and surface waters unless it can be shown that no other alternatives are reasonably available. At a minimum, install protection of storm drain inlet(s) closest to the washout which could receive spills or overflow.
7. Locate washouts in an easily accessible area, on level ground and install a stone entrance pad in front of the washout. Additional controls may be required by the approving authority.
8. Install at least one sign directing concrete trucks to the washout within the project limits. Post signage on the washout itself to identify this location.
9. Remove leavings from the washout when at approximately 75% capacity to limit overflow events. Replace the tarp, sand bags or other temporary structural components when no longer functional. When utilizing alternative or proprietary products, follow manufacturer's instructions.
10. At the completion of the concrete work, remove remaining leavings and dispose of in an approved disposal facility. Fill, if applicable, and stabilize any disturbance caused by removal of washout.

HERBICIDES, PESTICIDES AND RODENTICIDES

1. Store and apply herbicides, pesticides and rodenticides in accordance with label restrictions.
2. Store herbicides, pesticides and rodenticides in their original containers with the label, which lists directions for use, ingredients and first aid steps in case of accidental poisoning.
3. Do not store herbicides, pesticides and rodenticides in areas where flooding is possible or where they may spill or leak into levees, stormwater drains, ground water or surface water. If a spill occurs, clean area immediately.
4. Do not stockpile these materials on-site.

HAZARDOUS AND TOXIC WASTE

1. Create designated hazardous waste collection areas on-site.
2. Place hazardous waste containers under cover or in secondary containment.
3. Do not store hazardous chemicals, drums or bagged materials directly on the ground.

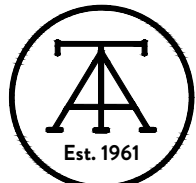
NORTH CAROLINA Environmental Quality

HAZARDOUS AND TOXIC WASTE

1. Create designated hazardous waste collection areas on-site.
2. Place hazardous waste containers under cover or in secondary containment.
3. Do not store hazardous chemicals, drums or bagged materials directly on the ground.

NCGRU GROUND STABILIZATION AND MATERIALS HANDLING

EFFECTIVE: 04/01/19



Ross / Deckard Architects, P.A.

ARCHITECTURE
PLANNING
INTERIORS

January 11, 2022

Mr. James Maides
Carolina Statewide Development, LLC
166 Center Street
Jacksonville, NC 28546

RE: Crestfield Point Apartments, Jacksonville, NC
Safe Drinking Water Certification
R/DA Project No. 21-503.00

Dear James:

This letter is to confirm that all pipes, fittings, fixtures and/or solder in the above referenced project are to be lead-free. Please contact me should you have any questions or require any additional information.

Sincerely,


JMR (Jan 12, 2022 07:51 EST)

James M. Ross, II, AIA
Ross/Deckard Architects, P.A.

JMR/am



FN: G:\2021 Projects\500-HOUSING\21-503.00 Jacksonville, NC - Crestfield Point (235)\Contract Docs\Certifications\Crestfield_lead free pipes_2022-01-11.doc

EMERGENCY MEDICAL SERVICE CERTIFICATION

Project Name: Crestfield Park Apartments
Proposed No. of Units: 872 Units
Address: Blue Creek School Road
Jacksonville, Onslow County, North Carolina

Closest street intersection or landmark: Blue Creek Elementary School
Jacksonville, NC

Emergency Medical Service is available and adequate ☒ for the project as the average response time of 9 minutes falls within the average community response time of 9 minutes; or adequate Emergency Medical Service is not available ☐ for the project. Furthermore, available Emergency Medical Service will ☐ will not ☐ be adversely affected by the project.

Additional Comments/Conditions/Concerns _____

12/2/2021
Date

Norm E. Bryson
(Officials Signature)

Norman E. Bryson
(Officials Name - Print or Type)

Director
(Official's Title)

Onslow County Emergency Services
(Department Name)

Note: Copying official letterhead onto this certification is encouraged.

FIRE PROTECTION CERTIFICATION

Project Name: Crestfield Park Apartments
Proposed No. of Units: 72 Units
Address: Blue Creek School Road
Jacksonville, Onslow County, North Carolina

Closest street intersection or landmark: Blue Creek Elementary School
Jacksonville, NC

Fire Protection is available and adequate ☒ for the project as the average response time of 10 minutes falls within the average community response time of 14 minutes; or adequate Fire Protection is not available ☐ for the project. Furthermore, available Fire Protection will ☐ will not ☐ be adversely affected by the project.

Additional Comments/Conditions/Concerns NFPA standard for rural fire
Protection is 14 minutes 80% of the time. Fire Protection
Provided by Southwest volunteer Fire Dept.

12/2/2021
Date

Norm E. Bryson
(Officials Signature)

Norman E. Bryson
(Officials Name – Print or Type)

Director
(Official's Title)

Onslow County Emergency Services
(Department Name)

Note: Copying official letterhead onto this certification is encouraged.



Atlantic Shores Environmental Services, Ltd.

September 7, 2021

Mike Yaniero
Public Safety Director
City of Jacksonville Police Department
206 Marine Boulevard
Jacksonville, North Carolina 28540
pdlocator@jacksonvillenc.gov

Reference: Crestfield Park Apartments
Blue Creek School Road
Jacksonville, North Carolina

Dear Mr. Yaniero:

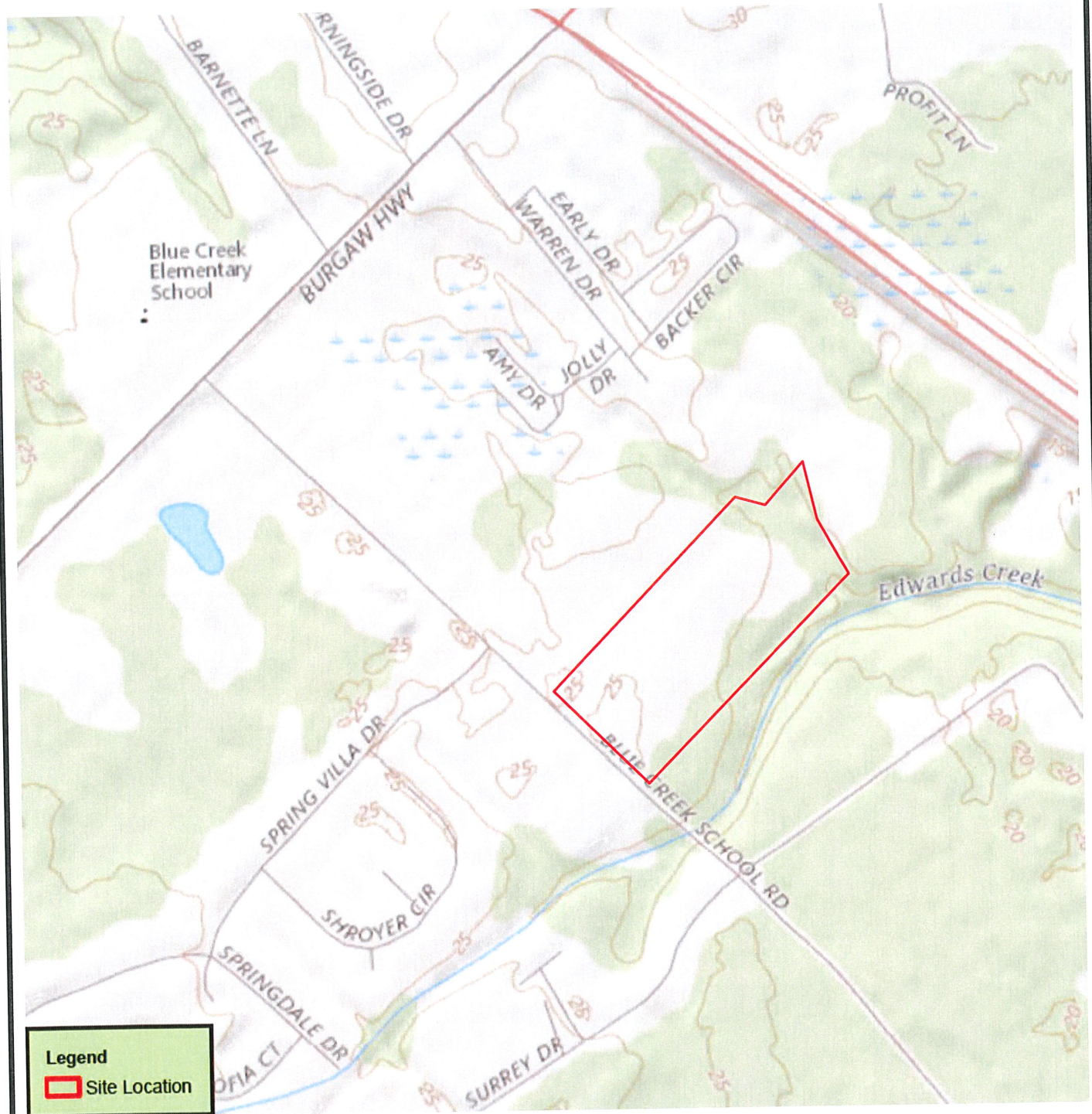
To facilitate compliance with the National Environmental Policy Act of 1969 and HUD Regulations at 24 CFR Part 58, an Environmental Assessment must be completed prior to releasing funds for the proposed project. This letter is a formal request to determine what effect(s) the proposed activity may have on the Law Enforcement.

The site is located on Blue Creek School Road within a High-Density Residential Use area of Jacksonville, Onslow County, North Carolina. The site is identified as Onslow County tax parcel ID 05050. The project boundaries are outlined on the attached figures. Crestfield Park Apartments is a new construction project that will result in seventy two (72) units of affordable living apartments in Jacksonville, North Carolina. The proposed development is being developed by East Point Homes, LLC under funding by the HOME Investment Partnership Program. The property is currently undeveloped agricultural land. Please complete the attached Law Enforcement Certification and e-mail it to cmoody@atlanticshoresenv.com. If there are questions regarding this request, or a need for further information, please contact us at 910-371-5980.

Respectfully submitted,
ATLANTIC SHORES ENVIRONMENTAL SERVICES, LTD.

Cheryl J. Moody, PE
Principal Engineer

Attachments: Site Maps
Certification



Approximate Scale: Not to Scale

FIGURE 1: Topographic Map

Source: USGS



Crestfield Point Apartments
350 Blue Creek School Road
Jacksonville, North Carolina



ASE Project No. 1516
September 2021



Approximate Scale: Not to Scale

FIGURE 2: Aerial Photograph

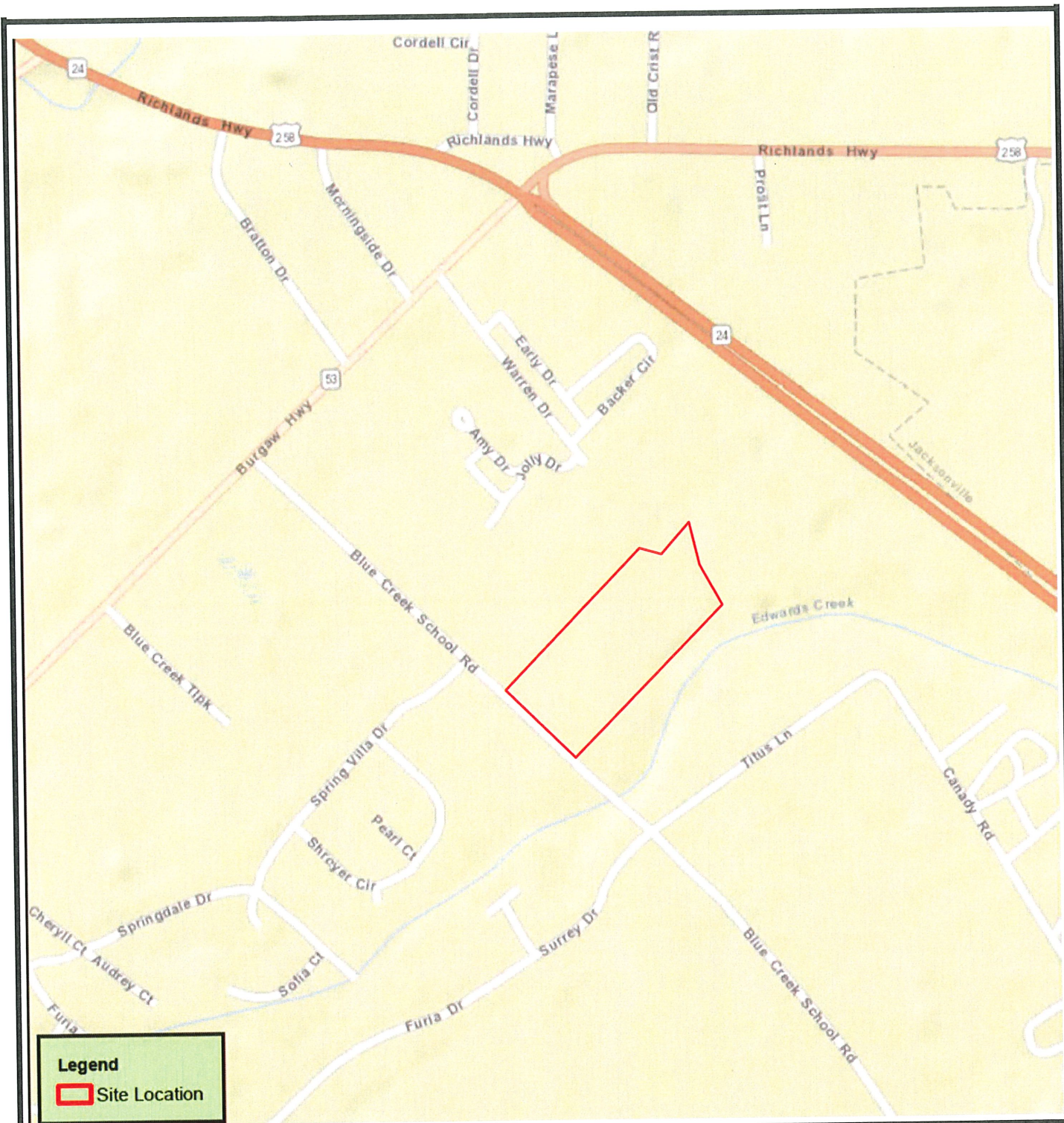
Source: USGS



Crestfield Point Apartments
 350 Blue Creek School Road
 Jacksonville, North Carolina



ASE Project No. 1516
 September 2021



Approximate Scale: Not to Scale

FIGURE 3: Street Map

Source: USGS



Crestfield Point Apartments
350 Blue Creek School Road
Jacksonville, North Carolina



ASE Project No. 1516
September 2021

LAW ENFORCEMENT CERTIFICATION

Project Name: Crestfield Point Apartments
Proposed No. of Units: 72 Units
Address: Blue Creek School Road, Jacksonville,
Onslow County, North Carolina

Closest street intersection or landmark: Burgaw Highway

Police Service is available and adequate ☒ for the project as the average response time of 4.5 minutes falls within the average community response time of 11 minutes; or adequate Police Service is not available ☐ for the project. Furthermore, available Police Service will ☐ will not ☐ be adversely affected by the project.

Additional Comments/Conditions/Concerns _____

3/2/22

Date

mil j

(Officials Signature)

Michael Yancey

(Officials Name – Print or Type)

Chief of Police

(Official's Title)

Jacksonville Police Dept.

(Department Name)

Note: Copying official letterhead onto this certification is encouraged.



Hans Miller, Sheriff
hans_miller@onslowcountync.gov

ONSLow COUNTY SHERIFF'S OFFICE

"HONOR and INTEGRITY"



717 Court Street
Jacksonville, NC 28540
Phone: 910-455-3113
Admin FAX 910-455-0048
Radio Room FAX 910-938-2175
sheriff@onslowcountync.gov

LAW ENFORCEMENT CERTIFICATION

Project Name: Crestfield Point Apartments

Proposed No. of Units: 72 Units

Address: Blue Creek School Road, Jacksonville,
Onslow County, North Carolina

Closest street intersection or landmark: Burgaw Highway

Police Service is available and adequate ☒ for the project as the average response time of _____ minutes falls within the average community response time of minutes; or adequate Police Service is not available for the project. Furthermore, available Police Service will _____ will not _____ be adversely affected by the project.

Additional

Comments/Conditions/Concerns We recommend that the Jacksonville Police Department answer the questions above, since this parcel of land falls within the jurisdiction of the City of Jacksonville, effective April 21, 2020. We at the Onslow County Sheriff's Office have no objection to the construction project.

Date Nov 29, 2021 (Officials Signature) _____

(Officials Name – Print or Type) Hans J. Miller

(Official's Title) Sheriff, Onslow County

(Department Name) Onslow County Sheriff's Office

Note: Copying official letterhead onto this certification is encouraged.

City of Jacksonville

Office of the City Clerk



May 5, 2020

Sheriff Hans Miller
Onslow County Sheriff Department
717 Court St
Jacksonville, NC 28540

Dear Sheriff Miller:

Pursuant to the provisions of Section 160A-31 of the General Statutes of North Carolina, I am sending you information regarding an annexation adopted by the Jacksonville City Council.

Individual tract on Blue Creek School Road is a 10.50 acre tract. This annexation ordinance was adopted and became effective on April 21, 2020. I have enclosed a copy of Ordinance 2020-24 and a map that describes the annexed site.

If you have any questions, please feel free to contact me at (910) 938-5224 or TDD (910) 455-8852.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Carmen K. Miracle'.

Carmen K. Miracle
City Clerk

Enclosures
(Ordinance 2020-24 and map)

City of Jacksonville



Recreation & Parks Department

PO Box 128 • Jacksonville NC 28541-0128 • 910 938-5312

RECREATIONAL SERVICES CERTIFICATION

Project Name: Crestfield Park Apartments
Proposed No. of Units: 72 Apartments
Address: Blue Creek School Road, Jacksonville
Onslow County, North Carolina

Closest street intersection
Or Landmark: Blue Creek Elementary School

Adequate and appropriate Recreational Services and Facilities are ☐ are not ☒ available for this project. Furthermore, available Recreational Services and Facilities will ☐ will not ☒ be adversely affected by this project.

Recreational facilities and organization that may serve the project are: Due to the fact that this location is outside City Limits, no City sponsored after school or sports programs will be available. City and County parks are located within a 3 mile radius of this location.

Additional Comments/Conditions/Concerns: This is not located within City Limits, City services are not available and parks are limited.

12/3/21
Date

[Signature]
(Official's Signature)

Susan Baptist
(Official's Name – Print or Type)

Director of Recreation
(Official's Title)

Jacksonville Recreation & Parks
(Department Name)

Note: Copying official letterhead onto this certification is encouraged.

From: Anthony Prinz aprinz@jacksonvillenc.gov
Subject: Re: Request for information
Date: September 8, 2021 at 11:00 AM
To: Cheryl Moody cmoody@atlanticshoresenv.com

AP

Cheryl:

Good morning. This location is not currently served by Jacksonville Transit. The City does not expect any impacts from the current project on our transit service.

R,
AP

From: Cheryl Moody <cmoody@atlanticshoresenv.com>
Sent: Wednesday, September 8, 2021 10:01 AM
To: Anthony Prinz <aprinz@jacksonvillenc.gov>
Subject: Request for information

Dear Mr. Prinz:

To facilitate compliance with the National Environmental Policy Act of 1969 and HUD Regulations at 24 CFR Part 58, an Environmental Assessment must be completed prior to releasing funds for the proposed project. This letter is a formal request to determine what effect(s) the proposed activity may have on the Public Transportation. Please see attached requests. Thank you.

Cheryl J. Moody, PE, REM, CIEC, CMRS
Principal Engineer
Owner
LEED Green Associate

Atlantic Shores Environmental Services, Ltd.
175-1 Venture Drive
Belville, North Carolina 28451
910-371-5980 (o)
910-512-5321 (c)
cmoody@atlanticshoresenv.com
www.atlanticshoresenvironmental.com
NC License No. C-4762

- A Woman Owned Company - HUB Certified -

CONFIDENTIAL & PRIVILEGED

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Control No.:	22-E-0000-0187
Project Description:	Proposed project is for the construction of Crestfield Point. The proposed project will consist of a 72 unit apartment community for low to moderate income families. The development will consists of three, three-story buildings with 24 residential units per structure. The buildings will have twelve (12) one-bedroom, thirty-six (36) two-bedroom and twenty four (24) three-bedroom units. The community will feature a clubhouse building with a multipurpose room and a kitchenette areas for resident meetings and activities along with a residential computer lab. A laundry area and covered mailbox facilities will also be located at the clubhouse building along with office space for the on-site management and maintenance storage area Outdoor amenities will include seating areas, a covered picnic pavilion and grill area, playground and a tot lot.
Type of Document:	National Environmental Policy Act Environmental Assessment
Date Open:	03/21/2022
Review Close Date:	04/20/2022

Applicant:	NC Housing Finance Agency		
Contact:	Claudia Young		
Phone:	919-981-2643	Ext:	Fax Number:
Email:	csyoung@nchfa.com andrea.l.gievers@rebuild.nc.gov		

Web Site:	
County:	ONSLOW



STATE OF NORTH CAROLINA
DEPARTMENT OF ADMINISTRATION

Roy Cooper
GOVERNOR

Pamela B. Cashwell
Secretary

April 22, 2022

Claudia Young
NC Housing Finance Agency
Post Office 28066
Raleigh, NC 27611-

Re: SCH File # 22-E-0000-0187 Proposed project is for the construction of Crestfield Point. The proposed project will consist of a 72 unit apartment community for low to moderate income families. The development will consists of three, three-story buildings with 24 residential units per structure. The buildings will have twelve

Dear Claudia Young:

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 for your consideration 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.

Should you have any questions, please do not hesitate to call.

Sincerely,

CRYSTAL BEST
State Environmental Review Clearinghouse

Attachments

Mailing Address:
NC DEPARTMENT OF ADMINISTRATION
1301 MAIL SERVICE CENTER
RALEIGH, NC 27699-1301

Telephone: (919)807-2425
Fax: (919)733-9571
COURIER: #51-01-00
Email: state.clearinghouse@doa.nc.gov
Website: www.ncadmin.nc.gov

Location:
116 WEST JONES STREET
RALEIGH, NORTH CAROLINA

Control No.: 22-E-0000-0187

Date Received: 3/21/2022

County.: ONSLOW

Agency Response: 4/20/2022

Review Closed: 4/20/2022

LYN HARDISON
CLEARINGHOUSE COORDINATOR
DEPT OF ENVIRONMENTAL QUALITY

Project Information

Type: National Environmental Policy Act ironmental Assessment

Applicant: NC Housing Finance Agency

Project Desc.: Proposed project is for the construction of Crestfield Point. The proposed project will consist of a 72 unit apartment community for low to moderate income families. The development will consists of three, three-story buildings with 24 residential units per structure. The buildings will have twelve (12) one-bedroom, thirty-six (36) two-bedroom and twenty four (24) three-bedroom units. The community will feature a clubhouse building with a multipurpose room and a kitchenette areas for resident meetings and activities along with a residential computer lab. A laundry area and covered mailbox facilities will also be located at the clubhouse building along with office space for the on-site management and maintenance storage area Outdoor amenities will include seating areas, a covered picnic pavilion and grill area, playground and a tot lot.

As a result of this review the following is submitted:

☐ No Comment

☐ Comments Below

☒ Documents Attached

Reviewed By: LYN HARDISON

Date: 4/20/2022



NORTH CAROLINA
Environmental Quality

ROY COOPER
Governor

ELIZABETH S. BISER
Secretary

To: Crystal Best
State Clearinghouse
NC Department of Administration

From: Lyn Hardison
Division of Environmental Assistance and Customer Service
Washington Regional Office

RE: 22-0187
Environmental Assessment - Proposed project is for the
construction of Crestfield Point which will consist of a 72-unit
apartment community for low to moderate income families.
Onslow County

Date: April 20, 2022

The Department of Environment Quality has reviewed the proposal for the referenced project. Based on the information provided, three (3) contamination sites were identified within one mile of the project site. In addition, several of our agencies have identified permits that may be required and offered some valuable guidance. The comments are attached for the applicant's review.

The Department will continue to be available to assist the applicant with any questions or concerns.

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
919.707.8600

ROY COOPER
Governor
ELIZABETH S. BISER
Secretary
MICHAEL SCOTT
Director



Date: April 11, 2022

To: Michael Scott, Director
Division of Waste Management

Through: Janet Macdonald
Inactive Hazardous Sites Branch

From: Bonnie S. Ware
Inactive Hazardous Sites Branch

Subject: NEPA Project # 22-0187, NC Housing Finance Agency, Onslow County, North Carolina

The Superfund Section has reviewed the proximity of sites under its jurisdiction to the NC Housing Finance Agency project. Proposed project is for the construction of Crestfield Point which will consist of a 72-unit apartment community for low to moderate income families featuring three, three-story buildings with 24 residential units per structure, a clubhouse building, kitchenette areas, laundry area, covered mailbox facilities, office space for the on-site management and maintenance storage area and outdoor amenities.

Three (3) Superfund Section 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>.

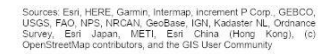
Please contact Janet Macdonald at 919.707.8349 if you have any questions concerning the Superfund Section review portion of this SEPA/NEPA inquiry.



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

Area of Interest (AOI) Information

Apr 11 2022 13:42:24 Eastern Daylight Time



Superfund Section Sites Only : 22-0187 Onslow County

Summary

Name	Count	Area(acres)	Length(mi)
Certified DSCA Sites	0	N/A	N/A
Federal Remediation Branch Sites	0	N/A	N/A
Inactive Hazardous Sites	2	N/A	N/A
Pre-Regulatory Landfill Sites	1	N/A	N/A
Brownfields Program Sites	0	N/A	N/A

Inactive Hazardous Sites

#	EPAID	SITENAME	Count
1	NONCD0002608	TOMMY POLLARD PROPERTY, PARCEL 901	1
2	NONCD0002624	DODSON EXTERMINATORS/US CELLULAR	1

Pre-Regulatory Landfill Sites

#	EPAID	SITENAME	Count
1	NONCD0000481	RAY'S RURAL DUMP	1

State of North Carolina Department of Environmental Quality
INTERGOVERNMENTAL REVIEW PROJECT COMMENTS

Reviewing Regional Office: WIRO
Project Number: 22-0187 Due Date: 04/18/2022
County: Onslow

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)
<input type="checkbox"/>	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)
<input type="checkbox"/>	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)
<input type="checkbox"/>	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)
<input type="checkbox"/>	Water Use Permit	Pre-application technical conference usually necessary.	30 days (N/A)
<input type="checkbox"/>	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)
<input type="checkbox"/>	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)
<input type="checkbox"/>	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
<input type="checkbox"/>	Any open burning associated with subject proposal must be in compliance with 15 A NCAC 2D.1900	N/A	60 days (90 days)
<input type="checkbox"/>	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)
<input type="checkbox"/>	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 \$65 for the first acre or any part of an acre. An express review option is available with additional fees.		20 days (30 days)
<input type="checkbox"/>	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)
<input checked="" type="checkbox"/>	Sedimentation and erosion control must be addressed in accordance with <u>Jacksonville Local Government's</u> 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
<input type="checkbox"/>	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)
<input checked="" type="checkbox"/>	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)

State of North Carolina Department of Environmental Quality
INTERGOVERNMENTAL REVIEW PROJECT COMMENTS

Reviewing Regional Office: WIRO
Project Number: 22-0187 Due Date: 04/18/2022
County: Onslow

	PERMITS	SPECIAL APPLICATION PROCEDURES or REQUIREMENTS	Normal Process Time (statutory time limit)
<input type="checkbox"/>	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.	30 days (60 days)
<input type="checkbox"/>	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 or the total project cost will be required upon completion.	30 days (60 days)
<input type="checkbox"/>	Oil Refining Facilities	N/A	90-120 days (N/A)
<input type="checkbox"/>	Permit to drill 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.	10 days N/A
<input type="checkbox"/>	Geophysical Exploration Permit	Application filed with DEQ at least 10 days prior to issue of permit. Application by letter. No standard application form.	10 days N/A
<input type="checkbox"/>	State Lakes Construction Permit	Application fee based on structure size is charged. Must include descriptions & drawings of structure & proof of ownership of riparian property	15-20 days N/A
<input type="checkbox"/>	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.	60 days (130 days)
<input type="checkbox"/>	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		
<input type="checkbox"/>	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		
<input type="checkbox"/>	CAMA Permit for MAJOR development	\$250.00 - \$475.00 fee must accompany application	75 days (150 days)
<input type="checkbox"/>	CAMA Permit for MINOR development	\$100.00 fee must accompany application	22 days (25 days)
<input type="checkbox"/>	Abandonment of any wells, if required must be in accordance with Title 15A. Subchapter 2C.0100.		
<input type="checkbox"/>	Notification of the proper regional office is requested if "orphan" underground storage tanks (USTS) are discovered during any excavation operation.		
<input checked="" type="checkbox"/>	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
<input type="checkbox"/>	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
<input type="checkbox"/>	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.		

State of North Carolina Department of Environmental Quality
INTERGOVERNMENTAL REVIEW PROJECT COMMENTS

Reviewing Regional Office: WIRO
Project Number: 22-0187 Due Date: 04/18/2022
County: Onslow

Other Comments (attach additional pages as necessary, being certain to comment authority)

Division	Initials	No comment	Comments	Date Review
DAQ	DAC	<input checked="" type="checkbox"/>		3/22/2022
DWR-WQROS (Aquifer & Surface)	&	<input type="checkbox"/>	It is recommended to schedule a site visit with 401 Water quality staff to discuss the proposal and to ensure compliance will be maintained per 401 surface Water requirements, surface water standards and buffer rules. If wetland, riparian buffers or stream impacts are proposed, this project will need to comply with/secure a 404 permit from the USACE, obtain a 401 Water Quality Certification authorization and a riparian buffer authorization. &	/ /
DWR-PWS	HLC	<input type="checkbox"/>	see above comments	3/25/2022
DEMLR (LQ & SW)		<input type="checkbox"/>	Local Program issues stormwater and Erosion control permits	/ /
DWM – UST	LP	<input type="checkbox"/>	As per a search of the UST Section databases, no reported petroleum releases are known to exist at this location, nor are there any records of registered USTs. To view/find other petroleum related incidents in the area please use the LINK TO UST Section GIS MAP: http://deq.nc.gov/about/divisions/waste-management/waste-management-rules-data/waste-management-gis-maps	3/22/2022
Other Comments		<input type="checkbox"/>		/ /

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

☐ **Mooreville Regional Office**
610 East Center Avenue, Suite 301,
Mooreville, NC 28115
Phone: 704-663-1699
Fax: 704-663-6040

☐ **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: Drew Hammonds, Eastern District Supervisor - Solid Waste Section

DATE: April 14, 2022

SUBJECT: Review: SW 22-0187– Onslow County (EA – NC Housing Finance Agency – Proposed project is for the construction of Crestfield Point which will consist of a 72 unit apartment community for low to moderate income families)

The Division of Waste Management, Solid Waste Section (Section) has reviewed the documents submitted for the subject project in Onslow County, NC. Based on the limited information provided in these documents, 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.

As always for any planned or proposed projects, it is recommended that during any land clearing, demolition, and construction, Crestfield Point LLC 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 projects that cannot be beneficially reused or recycled must be disposed of at a solid waste management facility permitted by the Division. The Section strongly recommends that Crestfield Point LLC 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>

Questions regarding solid waste management for this project should be directed to Mr. Ray Williams, Environmental Senior Specialist, Solid Waste Section, at (252) 948-3955.

cc: Ray Williams, Environmental Senior Specialist



**Department of Environmental Quality
Project Review Form**

Project Number: 22-0187

County: Onslow

Date Received: 3-21-2022

Due Date: 4-18-2022

Project Description: *Environmental Assessment - Proposed project is for the construction of Crestfield Point which will consist of a 72 unit apartment community for low to moderate income families featuring three, three-story buildings with 24 residential units per structure, a clubhouse building, kitchenette areas, laundry area, covered mailbox facilities, office space for the on-site management and maintenance storage area and outdoor amenities.*

This Project is being reviewed as indicated below:

Regional Office	Regional Office Area	In-House Review	
<input type="checkbox"/> Asheville	<input checked="" type="checkbox"/> Air	<input type="checkbox"/> Air Quality	<input type="checkbox"/> Coastal Management
<input type="checkbox"/> Fayetteville	<input checked="" type="checkbox"/> DWR	<input type="checkbox"/> Parks & Recreation	<input type="checkbox"/> Marine Fisheries
<input type="checkbox"/> Mooresville	<input checked="" type="checkbox"/> DWR - Public Water	<input checked="" type="checkbox"/> Waste Mgmt	<input type="checkbox"/> Military Affairs
<input type="checkbox"/> Raleigh	<input checked="" type="checkbox"/> DEMLR (LQ & SW)	<input type="checkbox"/> Water Resources Mgmt	<input type="checkbox"/> DMF-Shellfish Sanitation
<input type="checkbox"/> Washington	<input checked="" type="checkbox"/> DWM	<input type="checkbox"/> (Public Water, Planning & Water Quality Program)	<input checked="" type="checkbox"/> Wildlife <u>Maria</u>
<input checked="" type="checkbox"/> Wilmington		<input type="checkbox"/> DWR-Transportation Unit	<input type="checkbox"/> Wildlife/DOT
<input type="checkbox"/> Winston-Salem			

Manager Sign-Off/Region:	Date: 4/14/22	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)

If you have any questions, please contact:

**Lyn Hardison at lyn.hardison@ncdenr.gov or (252) 948-3842
943 Washington Square Mall Washington NC 27889
Courier No. 16-04-01**

Department of Environmental Quality Project Review Form

Project Number: 22-0187

County: Onslow

Date Received: 3-21-2022

Due Date: 4-18-2022

Project Description: *Environmental Assessment - Proposed project is for the construction of Crestfield Point which will consist of a 72 unit apartment community for low to moderate income families featuring three, three-story buildings with 24 residential units per structure, a clubhouse building, kitchenette areas, laundry area, covered mailbox facilities, office space for the on-site management and maintenance storage area and outdoor amenities.*

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Regional Office	Regional Office Area	In-House Review	
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<input type="checkbox"/> Mooresville	<input checked="" type="checkbox"/> DWR - Public Water	<input checked="" type="checkbox"/> Waste Mgmt	<input type="checkbox"/> Military Affairs
<input type="checkbox"/> Raleigh	<input checked="" type="checkbox"/> DEMLR (LQ & SW)	<input type="checkbox"/> Water Resources Mgmt (Public Water, Planning & Water Quality Program)	<input type="checkbox"/> DMF-Shellfish Sanitation
<input type="checkbox"/> Washington	<input checked="" type="checkbox"/> DWM	<input type="checkbox"/> DWR-Transportation Unit	<input checked="" type="checkbox"/> Wildlife <u>Maria</u>
<input checked="" type="checkbox"/> Wilmington			<input type="checkbox"/> Wildlife/DOT
<input type="checkbox"/> Winston-Salem			

Manager Sign-Off/Region:	Date: <u>4-6-2022</u>	In-House Reviewer/Agency: <u>M. S. D. / NCWRC</u>
--------------------------	--------------------------	--

Response (check all applicable)

- ☐ No objection to project as proposed.
 ☒ No Comment
 ☐ Insufficient information to complete review
 ☐ Other (specify or attach comments)

If you have any questions, please contact:

**Lyn Hardison at lyn.hardison@ncdenr.gov or (252) 948-3842
943 Washington Square Mall Washington NC 27889
Courier No. 16-04-01**

Control No.: 22-E-0000-0187

Date Received: 3/21/2022

County.: ONSLOW

Agency Response: 4/20/2022

Review Closed: 4/20/2022

JEANNE STONE
CLEARINGHOUSE COORDINATOR
DEPT OF TRANSPORTATION

Project Information

Type: National Environmental Policy Act ironmental Assessment

Applicant: NC Housing Finance Agency

Project Desc.: Proposed project is for the construction of Crestfield Point. The proposed project will consist of a 72 unit apartment community for low to moderate income families. The development will consists of three, three-story buildings with 24 residential units per structure. The buildings will have twelve (12) one-bedroom, thirty-six (36) two-bedroom and twenty four (24) three-bedroom units. The community will feature a clubhouse building with a multipurpose room and a kitchenette areas for resident meetings and activities along with a residential computer lab. A laundry area and covered mailbox facilities will also be located at the clubhouse building along with office space for the on-site management and maintenance storage area Outdoor amenities will include seating areas, a covered picnic pavilion and grill area, playground and a tot lot.

As a result of this review the following is submitted:

☒ No Comment

☐ Comments Below

☐ Documents Attached

Reviewed By: JEANNE STONE

Date: 4/5/2022

Control No.: 22-E-0000-0187

Date Received: 3/21/2022

County.: ONSLOW

Agency Response: 4/20/2022

Review Closed: 4/20/2022

JINTAO WEN
CLEARINGHOUSE COORDINATOR
DPS - DIV OF EMERGENCY MANAGEMENT

Project Information

Type: National Environmental Policy Act ironmental Assessment

Applicant: NC Housing Finance Agency

Project Desc.: Proposed project is for the construction of Crestfield Point. The proposed project will consist of a 72 unit apartment community for low to moderate income families. The development will consists of three, three-story buildings with 24 residential units per structure. The buildings will have twelve (12) one-bedroom, thirty-six (36) two-bedroom and twenty four (24) three-bedroom units. The community will feature a clubhouse building with a multipurpose room and a kitchenette areas for resident meetings and activities along with a residential computer lab. A laundry area and covered mailbox facilities will also be located at the clubhouse building along with office space for the on-site management and maintenance storage area Outdoor amenities will include seating areas, a covered picnic pavilion and grill area, playground and a tot lot.

As a result of this review the following is submitted:

☒ No Comment

☐ Comments Below

☐ Documents Attached

Reviewed By: JINTAO WEN

Date: 4/18/2022



STATE OF NORTH CAROLINA
DEPARTMENT OF ADMINISTRATION

Roy Cooper
GOVERNOR

Pamela B. Cashwell
Secretary

May 5, 2022

Claudia Young
NC Housing Finance Agency
Post Office 28066
Raleigh, NC 27611-

Re: SCH File # 22-E-0000-0187 Proposed project is for the construction of Crestfield Point. The proposed project will consist of a 72 unit apartment community for low to moderate income families. The development will consists of three, three-story buildings with 24 residential units per structure. The buildings will have twelve

Dear Claudia Young:

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 for your consideration 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.

Should you have any questions, please do not hesitate to call.

Sincerely,

CRYSTAL BEST
State Environmental Review Clearinghouse

Attachments

Mailing Address:
NC DEPARTMENT OF ADMINISTRATION
1301 MAIL SERVICE CENTER
RALEIGH, NC 27699-1301

Telephone: (919)807-2425
Fax: (919)733-9571
COURIER: #51-01-00
Email: state.clearinghouse@doa.nc.gov
Website: www.ncadmin.nc.gov

Location:
116 WEST JONES STREET
RALEIGH, NORTH CAROLINA

Control No.: 22-E-0000-0187

Date Received: 3/21/2022

County.: ONSLOW

Agency Response: 4/20/2022

Review Closed: 4/20/2022

DEVON BORGARDT
CLEARINGHOUSE COORDINATOR
DEPT OF NATURAL & CULTURAL
RESOURCE

Project Information

Type: National Environmental Policy Act ironmental Assessment

Applicant: NC Housing Finance Agency

Project Desc.: Proposed project is for the construction of Crestfield Point. The proposed project will consist of a 72 unit apartment community for low to moderate income families. The development will consists of three, three-story buildings with 24 residential units per structure. The buildings will have twelve (12) one-bedroom, thirty-six (36) two-bedroom and twenty four (24) three-bedroom units. The community will feature a clubhouse building with a multipurpose room and a kitchenette areas for resident meetings and activities along with a residential computer lab. A laundry area and covered mailbox facilities will also be located at the clubhouse building along with office space for the on-site management and maintenance storage area Outdoor amenities will include seating areas, a covered picnic pavilion and grill area, playground and a tot lot.

As a result of this review the following is submitted:

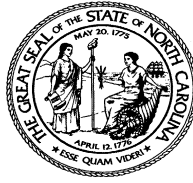
☐ No Comment

☐ Comments Below

☒ Documents Attached

Reviewed By: DEVON BORGARDT

Date: 5/5/2022



**North Carolina Department of Natural and Cultural Resources
State Historic Preservation Office**

Ramona M. Bartos, Administrator

Governor Roy Cooper
Secretary D. Reid Wilson

Office of Archives and History
Deputy Secretary, Darin J. Waters, Ph.D.

May 5, 2022

MEMORANDUM

TO: Crystal Best
North Carolina State Clearinghouse
Department of Administration

crystal.best@doa.nc.gov

FROM: Ramona M. Bartos, Deputy
State Historic Preservation Officer

RMB for Ramona M. Bartos

SUBJECT: Construct Crestfield Point apartments, 350 Blue Creek School Road, Jacksonville,
Onslow County, 22-E-0000-0187, ER 21-2415

Thank you for your email of March 21, 2022, 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 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@ncdcr.gov. In all future communication concerning this project, please cite the above referenced tracking number.