

**Maxton Sewer Lift Station No. 7**  
**904 US 74 BUS, Maxton, NC 28364**

**INFRASTRUCTURE NEPA REVIEW QUESTIONNAIRE & SITE VISIT****Project Name:** Town of Maxton Generators**Address(es):** L.S. No. 7, 904 NC Highway 74, Maxton, NC 28364**HUD Program:** North Carolina Hurricane Matthew Recovery Program**HUD Funding Amount:** \$688,600.00**Non-HUD Program:** \$0.00**Non-HUD Funding Amount:** \$0.00**Non-HUD Funding Source:** \$0.00**Non-HUD Funding Amount:** \$0.00**Non-HUD Funding Source:** \$0.00**Non-HUD Funding Amount:** \$0.00

**Project Description:** Town of Maxton and Robeson County seeks to install auxiliary power generator at the subject site. Current improvements on site consist of aboveground (Fiberglass case housing lift-station switching and monitoring instrumentation, control panels, and sensing equipment) and underground (sewer lift station) infrastructure. Improvements will include the purchase of generator equipment, to include automatic transfer switching capability, underground connections to lift station equipment, and ground-disturbing activities on which to mount the generator.

**State/Local Identifier:** 81 FR 83254, 11-21-16; 82 FR 5591, 1-18-17

<b>Type of Facility</b>	<input checked="" type="checkbox"/> Public owned <input type="checkbox"/> Industrial <input type="checkbox"/> Commercial <input type="checkbox"/> Residential
<b>Land Use Type and # Units</b> (check all that apply)	<input type="checkbox"/> Single Family Residential <input type="checkbox"/> Multi-family Residential <input type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Public services <input type="checkbox"/> Vacant, list previous use:
<b>Names of Non-residential Tenants on the Property and # Units</b> (Companies, Organizations, Public Services, Vacant and if for lease, etc.)	Town of Maxton, NC. Site of Lift Station No. 7, administered by Town of Maxton Waste Water Treatment Board.
<b>Project Type</b> (check all that apply)	<input type="checkbox"/> Acquisition of Property <input type="checkbox"/> Demolition <input checked="" type="checkbox"/> New Construction (Generator Pad & Connection Trenching) <input type="checkbox"/> Rehabilitation of Existing <input type="checkbox"/> Expansion of Existing <input type="checkbox"/> Replacement of Existing <input type="checkbox"/> Relocation <input type="checkbox"/> Leasing <input checked="" type="checkbox"/> Machinery and Equipment (Generator & Accouterments)



	<input type="checkbox"/> Other, explain:
<b>Other Non-HUD Funding will be Used for this Project</b>	<input type="checkbox"/> Yes, list source(s) and amount: <input checked="" type="checkbox"/> No
<b>Reason/Need for Project</b>	Provide Auxiliary Power availability in the event of primary power loss, allowing for waste water processing.
<b>Project Location and Project Plans</b>	Attach site plans, if available. Plans are: <input type="checkbox"/> Pending <input type="checkbox"/> Preliminary <input checked="" type="checkbox"/> 30% or other %: 95%: See Available Drawings, HERE: <a href="#">DPS ReBuildNC PMO - Maxton Generators-95% Design Plans-Non-ITB-01272023.pdf - All Documents (sharepoint.com)</a> <input type="checkbox"/> Final <input type="checkbox"/> If no plans are available, draw on tax maps (to be provided.) Please verify correct parcels and street addresses identified on tax maps.
<b>Square Footage of Project</b>	
<b>Soil Disturbance from Project</b>	<input checked="" type="checkbox"/> Yes, cause and depth: Proposed construction will consist of poured concrete pad, approximately 12' in length, 6' in width, and 12" in depth. Pad will contain reinforced steel and will house generator, battery charger, and block heater. Connections to adjacent meters will be via underground trench. <input type="checkbox"/> No <input type="checkbox"/> Unknown
<b>Fill Needed for Project</b>	<input type="checkbox"/> Yes, source: <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown
<b>Site Inspections and/or Site Photographs</b>	<input checked="" type="checkbox"/> Yes, please attach. <a href="#">DPS ReBuildNC PMO - LS No. 7 Photos - All Documents (sharepoint.com)</a> <input type="checkbox"/> Pending <input type="checkbox"/> No
<b>Past Use of Site</b>	<input type="checkbox"/> Used as a dump, sanitary landfill or mine waste disposal area? No Other: Present use is sewage lift station infrastructure. No previous development on site.
<b>Environmental Inspections</b> (Check all that apply. Identify if completed or pending <u>and</u> attach, if available. Include if previously done for site)	<input checked="" type="checkbox"/> None <input type="checkbox"/> Phase I ESA <input type="checkbox"/> Phase 2 ESA/Limited Site or Remedial Investigation (soils test) <input type="checkbox"/> Phase 3 ESA <input type="checkbox"/> Vapor Testing <input type="checkbox"/> Phase I Archeological Survey <input type="checkbox"/> Asbestos Inspection

	<input type="checkbox"/> Lead Inspection <input type="checkbox"/> Noise Assessment <input type="checkbox"/> Traffic Study <input type="checkbox"/> H&H Study <input type="checkbox"/> Other:
<b>Historic Properties</b>	<input checked="" type="checkbox"/> Year Structure Built: 1980 <input type="checkbox"/> Year Developed <input type="checkbox"/> Identified Historical Building or Property (onsite or adjacent?)
<b>Aboveground (AST) or Underground (UST) Storage Tanks Onsite, adjacent or proposed?</b>	<input type="checkbox"/> Yes, type and gallons, if known <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown <input type="checkbox"/> Offsite, if known
<b>Other Hazardous Materials used onsite</b> (Large Quantity Chemicals, Fuels, etc.)	List, if known: None noted
<b>Permits Required for Project</b> (Identify Type, Status and attach if available)	<input checked="" type="checkbox"/> Yes, list type and status: Local Construction Permit, to be coordinated by successful electrical contractor. <input type="checkbox"/> No <input type="checkbox"/> Unknown/TBD
<b>If New Construction, connecting to existing utilities</b> (sewer and water), <b>energy efficient</b>	<input checked="" type="checkbox"/> Yes – connecting to existing power panels with intervening ATS. <input type="checkbox"/> No, explain:
<b>Parks Located Nearby</b>	<input type="checkbox"/> Yes, type: <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown
<b>Wetland, Lake, River or Ocean on or adjacent to site</b>	<input checked="" type="checkbox"/> Yes; 10.10 ac. Freshwater Forested/Shrub Wetland classified PFO1B adjacent to project site. Area has been recently cleared with standing water evident during site visit.
<b>Transportation at the Site</b> (note if adding/upgrading/using existing)	<input type="checkbox"/> Sidewalks <input type="checkbox"/> Bike Paths <input type="checkbox"/> Bus Access <input type="checkbox"/> Train Access Project site abuts NC 74
<b>Agency Consults already completed? Previous NEPA review completed?</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown

<b>Other adjacent properties owned by same Subrecipient?</b>	<input type="checkbox"/> Yes, and Addresses:  <input checked="" type="checkbox"/> No
<b>Other projects on site or adjacent property by Subrecipient not included in Project Description/ Environmental Review?</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown
<b>Private or Non-HUD funds committed before NEPA done? (<i>Choice Limiting Action</i>)</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown

## Site Suitability, Access, and Compatibility with Surrounding Development

for recording impacts considered under Item 26 of HUD-Form 4128

Project Name	Investigator(s)	Site Visit Date
Maxton Generators	B. Blankenship	01/14/2023

### ZONING

**Is the project in compliance or conformance with local zoning?**

<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No (explain)	Municipal-Owned WWTP Lift Station Site
<input type="checkbox"/>			Not applicable (explain)	

### SITE OBSERVATIONS

#### Soil Stability, Erosion, and Drainage

**Describe slope at project site (Steep, Moderate, Slight, Level):**

Approximately 4 percent slope from NC74 to project site.

**\*Check** those features that were observed on or adjacent to the property at the time of the visit.

Natural Hazards			
No	Faults, fractures	No	Slope-failures from rains
No	Cliffs, bluffs, crevices	No	Hazardous terrain features
No	Evidence of slope erosion	No	High water table
No	Unstable slope conditions		Other (Specify):

Check all items that apply:

Wetlands Onsite or Adjacent			
	Drainage ways	x	Marsh, bogs, swamps
	Streams, Rivers		Ponds
	Coastline		Lake

<b>Explain Wetlands onsite or adjacent below:</b>			
10.10 ac. Freshwater Forested/Shrub Wetland classified PFO1B adjacent to project site. Area has been recently cleared with standing water evident during site visit.			
<b>Toxic Chemicals and Contamination Onsite or Adjacent</b>			
No	Distressed Vegetation	No	Abandoned Machinery, Cars, etc.
No	Oil/Chemical Spill(s)	No	Transformers
No	Soil Staining, Pools of Liquid	X	Fill Vent Pipes, Pipelines
No	Fire hazard materials	No	Railroad Terminal or Crossing
No	Hazards in vacant lots	No	Other hazardous chemical storage
No	AST and/or UST ( <i>Below</i> )	No	Loose /Empty Barrels
No	Quarries or other excavations	No	Dumps/sanitary landfills or mining
No	Unsightly land uses	No	Inadequate screened drainage catchments
No	Gas, smoke, fumes	No	Odors
No	High pressure gas or liquid petroleum transmission lines on site		Other (Specify) 1. Sewer Lift Station with underground pipe connections; 2) Stormwater Drain with cover slab; 3) Grass-covered gravel driveway; 4) Security fencing topped with barbwire.
<b>Explain Toxic Chemical and Contamination onsite or adjacent below:</b>			

## **Above Ground Storage Tanks**

Are any above ground storage tanks visible from the site?

☐ Yes      ☒ No

If yes, are these tanks 100-gallons or larger?

☐ Yes      ☒ No

List Visible Tanks				
Tank Location	Tank Contents	Tank Size	Flammable? (Yes or No)	Pressurized? (Yes or No)
Not Applicable				

Proposed mitigation strategies (concrete pad, barrier, etc.) if siting of any tanks?
Not Applicable

## **Underground Storage Tanks**

List visible tanks				
Tank Location	Tank Contents	Tank Size	Flammable? (Yes or No)	Pressurized? (Yes or No)
Not Applicable				

Bill Blankenship  
Digitally signed by Bill  
Blankenship  
Date: 2023.02.02 07:26:02  
-05'00'

Lead Investigator's Signature

Date

# NEPAssist Report

## Maxton Sewer Lift Station No. 7, 904 US 74 BUS, Maxton, NC 28364 - 1-mile Buffer



January 30, 2023

- Project Buffer
- Maxton Sewer Lift Station No. 10, 627 NC Highway 71N, Maxton, NC 28364 - 1-mile Buffer
- Maxton Sewer Lift Station No. 7, 904 US 74 BUS, Maxton, NC 28364 - 1-mile Buffer
- Maxton Sewer Lift Station No. 5, 303 N Hooper St

1:35,591  
0 0.35 0.7 1.4 mi  
0 0.5 1 2 km  
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Input Coordinates: 34.739581,-79.358558,34.739503,-79.358712,34.739581,-79.358815,34.739412,-79.359004,34.739440,-79.359141,34.739588,-79.359253,34.739806,-79.358678,34.739581,-79.358558

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

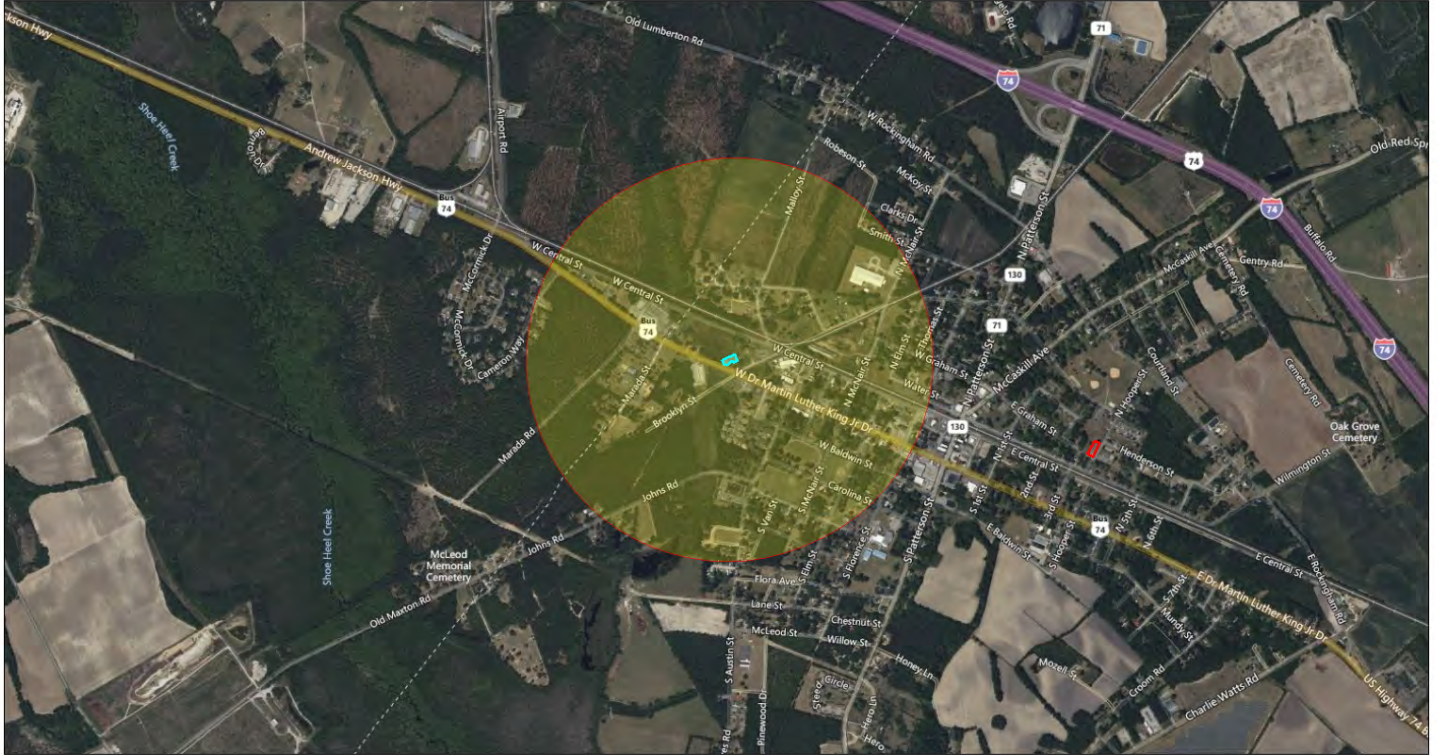
Within 1 mile of a water discharger (NPDES)?	no
Within 1 mile of a hazardous waste (RCRA) facility?	yes
Within 1 mile of an air emission facility?	yes
Within 1 mile of a school?	yes
Within 1 mile of an airport?	no
Within 1 mile of a hospital?	yes
Within 1 mile of a designated sole source aquifer?	no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

Created on: 1/30/2023 10:55:32 AM



# NEPAssist Report

## Maxton Sewer Lift Station No. 7, 904 US 74 BUS, Maxton, NC 28364 - 0.5-mile Buffer



January 30, 2023

Project Buffer

Maxton Sewer Lift Station No. 7, 904 US 74 BUS, Maxton, NC 28364 - 0.5-mile Buffer

Maxton Sewer Lift Station No. 5, 303 N. Hooper Street, Maxton, NC 28364 - 0.5-mile Buffer

1:17,796

0 0.17 0.35 0.7 mi  
0 0.28 0.55 1.1 km

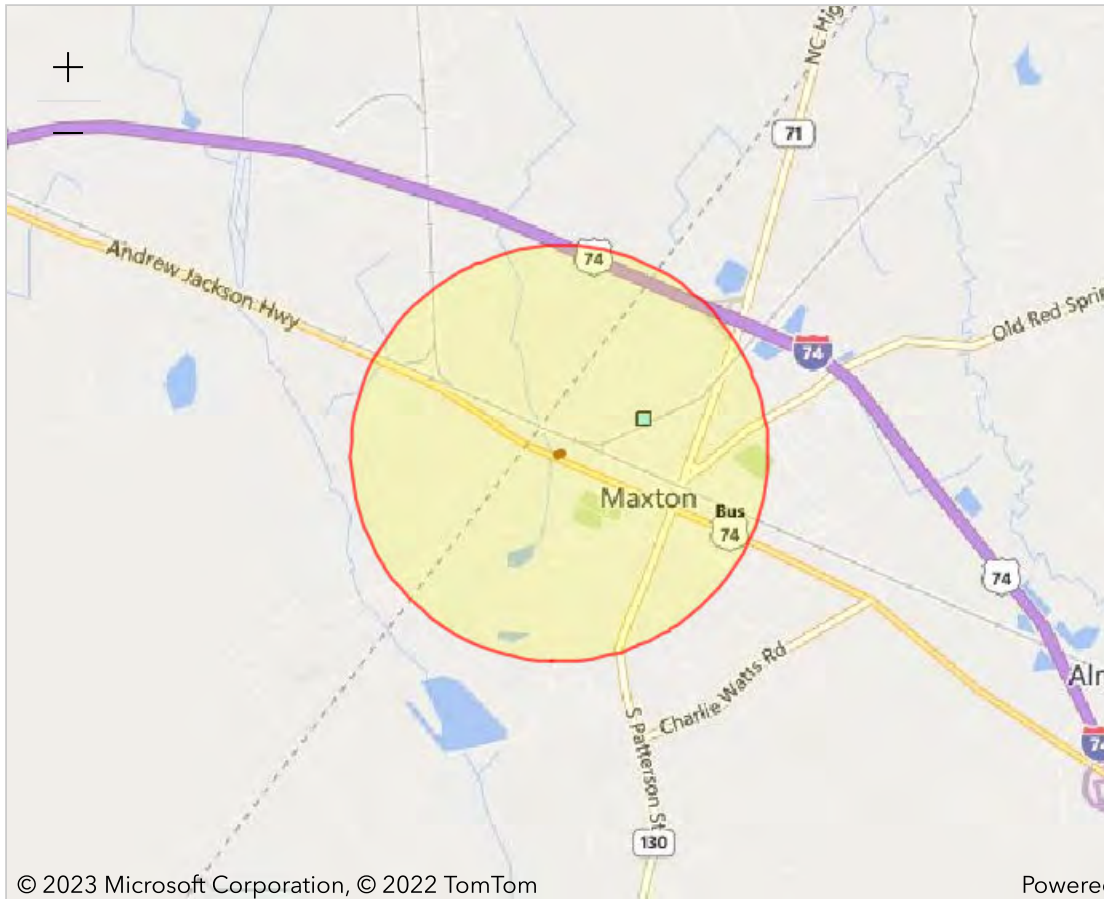
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Input Coordinates: 34.739581,-79.358558,34.739503,-79.358712,34.739581,-79.358815,34.739412,-79.359004,34.739440,-79.359141,34.739588,-79.359253,34.739806,-79.358678,34.739581,-79.358558

Project Area	0.00 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
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Within 0.5 miles of an impaired stream?	no
Within 0.5 miles of an impaired waterbody?	no
Within 0.5 miles of a waterbody?	yes
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?	yes

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?	yes
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
Within 0.5 miles of a Public Property Boundary of the Formerly Used Defense Sites?	no
Within 0.5 miles of a Munitions Response Site?	no
Within 0.5 miles of an Essential Fish Habitat (EFH)?	no
Within 0.5 miles of a Habitat Area of Particular Concern (HAPC)?	no
Within 0.5 miles of an EFH Area Protected from Fishing (EFHA)?	no
Within 0.5 miles of a Bureau of Land Management Area of Critical Environmental Concern?	no
Within 0.5 miles of an ESA-designated Critical Habitat Area per U.S. Fish & Wildlife Service?	no
Within 0.5 miles of an ESA-designated Critical Habitat river, stream or water feature per U.S. Fish & Wildlife Service?	no

Created on: 1/30/2023 11:16:00 AM

**Report question: *Within 1 of a Toxic releases site? yes***

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

meters ▼

**Name**☐ REGAL-BELOIT CORP NATIONAL TWIST DRILL DIV (MAXTON,NC) (<https://enviro.epa.gov/facts/tri/ef-facilities/#/Facility/28364TWSTD420NM>)**REGISTRY\_ID:** 110002099746**LATITUDE:** 34.74207**LONGITUDE:** -79.35167**PGM\_SYS\_ACRNM:** TRIS**PGM\_SYS\_ID:** 28364TWSTD420NM**LOCATION\_ADDRESS:** 420 N MCNAIR RD**CITY\_NAME:** MAXTON**COUNTY\_NAME:** ROBESON**STATE\_CODE:** NC**EPA\_REGION:** Region 4**POSTAL\_CODE:** 28364**FIPS\_CODE:** 37155**HUC\_CODE:****Distance**

0.43 mile

You are here: EPA Home <http://www.epa.gov/> » Envirofacts <\_/\_/\_/\_/index.html> » TRI <https://www.epa.gov/enviro/tri-overview> » TRI Search <https://www.epa.gov/enviro/tri-search> » Facility Report

## TRI Facility Report

Home <https://enviro.epa.gov/ | Multisystem Search <https://enviro.epa.gov/facts/multisystem.html> | Topic Searches <https://www.epa.gov/node/111171> | System Data Searches <https://www.epa.gov/node/111087> | About the Data <https://www.epa.gov/node/110929> | Data Downloads <https://www.epa.gov/node/109431> | Widgets <https://www.epa.gov/node/111193> | Services <https://www.epa.gov/node/110925> | Mobile <https://www.epa.gov/node/110843> | Other Datasets <https://www.epa.gov/node/111333>

### TRI Facility Report: REGAL-BELOIT CORP NATIONAL TWIST DRILL DIV (28364TWSTD420NM)

#### Facility Information

FACILITY INFORMATION   CHEMICALS   POLLUTION PREVENTION (P2)   WASTE MANAGEMENT   RELEASES   WATER RELEASES   TRANSFERS   CLASSIC VIEW

Facility Name	REGAL-BELOIT CORP NATIONAL TWIST DRILL DIV	TRI ID	28364TWSTD420NM
Address	420 N MCNAIR RD MAXTON, NC, 28364	FIRIS ID	110002099746
Mailing Name	REGAL-BELOIT CORP NATIONAL TWIST DRILL DIV	DUNS Number	006111751
Mailing Address	420 N MCNAIR RD MAXTON, NC, 28364	Parent Company	
County	ROBESON	Public Contact	JOHN G. CROSSEN
EPA Region	4	Phone	(919) 844-5156
Latitude	34.74207	Tribal	NA
Longitude	-79.35167	BIA Tribal Code	NA
NAICS	332212 Hand and Edge Tool Manufacturing	Industry Sector	332 Fabricated Metals
Last Form	1991		

\*You can navigate within the map with your mouse.

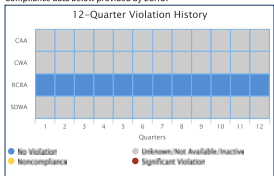
#### Other Regulatory Data

In addition to TRI, this facility reports to the programs listed below. The table below reflects regulatory data contained within Envirofacts and may not reflect all other EPA regulatory data:

Statute/Program <http://www.epa.gov/enviro/facts/qprv.html>	Universe	Media	Identifier
Resource Conservation and Recovery Act (RCRA)	VSQG 	Land	NCD090888738

#### Compliance Information

Compliance data below provided by ECHO.



Go to ECHO for More Enforcement and Compliance Data

#### Timestamp

Query was executed on JAN-30-2023



#### Discover.

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

**Budget & Performance** <https://www.epa.gov/planandbudget>

**Contracting** <https://www.epa.gov/contract>

**EPA www Web Snapshot** <https://www.epa.gov/home/wwwepagov-snapshots>

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

**No FEAR Act Data** <https://www.epa.gov/oci/whistleblower-protections-epa-and-how-they-relate-non-disclosure-agreements-signed-epa-employees>

**Plain Writing** <https://www.epa.gov/web-policies-and-procedures/plain-writing>

**Privacy** <https://www.epa.gov/privacy>

**Privacy and Security Notice** <https://www.epa.gov/privacy/privacy-and-security-notice>

#### Connect.

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**Hotlines** <https://www.epa.gov/aboutepa/epa-hotlines>

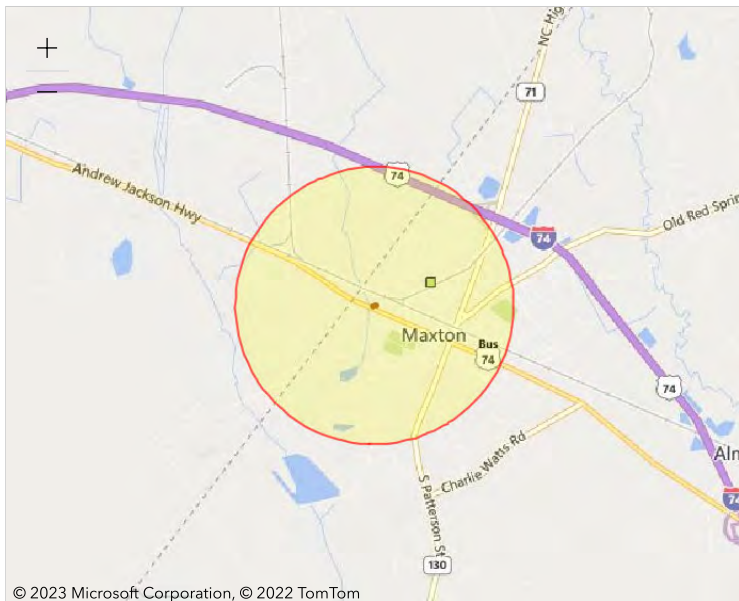
**FOIA Requests** <https://www.epa.gov/foia>

**Frequent Questions** <https://www.epa.gov/home/frequent-questions-specific-epa-program/topics>

#### Follow.



Last updated on September 27, 2022

Powered by Esri (<http://www.esri.com/>)**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:

  **Name**☐ TWIST DRILL DIV REGAL-BRLOIT (MAXTON,NC) (<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:  
**REGISTRY\_ID:** 110002099746**LATITUDE:** 34.74207**LONGITUDE:** -79.35167**PGM\_SYS\_ACRNM:** RCRAINFO**PGM\_SYS\_ID:** NCD080888738**LOCATION\_ADDRESS:** 420 N MCNAIR RD**CITY\_NAME:** MAXTON**COUNTY\_NAME:** ROBESON**STATE\_CODE:** NC**EPA\_REGION:** Region 4**POSTAL\_CODE:** 28364-0128**FIPS\_CODE:** 37155**HUC\_CODE:**



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Data Disclaimer

RCRAInfo Facility Information

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<div><b>TWIST DRILL DIV REGAL-BRLOIT</b> Handler ID: NCD080888738 420 N MCNAIR RD MAXTON, NC 28364-0128  <b>County Name:</b> ROBESON  <b>Latitude:</b> 34.74207 <b>Longitude:</b> -79.35167  <b>Hazardous Waste Generator:</b> Very Small Quantity Generator  <b>Owner Name:</b> REGAL-BELOIT CORP</div>		<div><i>*You can navigate within the map with your mouse.</i></div>
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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
BAXTER ROBERT	420 N MCNAIR RD	MAXTON	NC	28364- 0128	910- 844- 5156	Public
ROBERT BAXTER	420 N MCNAIR RD	MAXTON	NC	28364- 0128	910- 844- 5156	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
331	PRIMARY METAL MANUFACTURING
332212	HAND AND EDGE TOOL MANUFACTURING

## LIST OF WASTE CODES AND DESCRIPTIONS

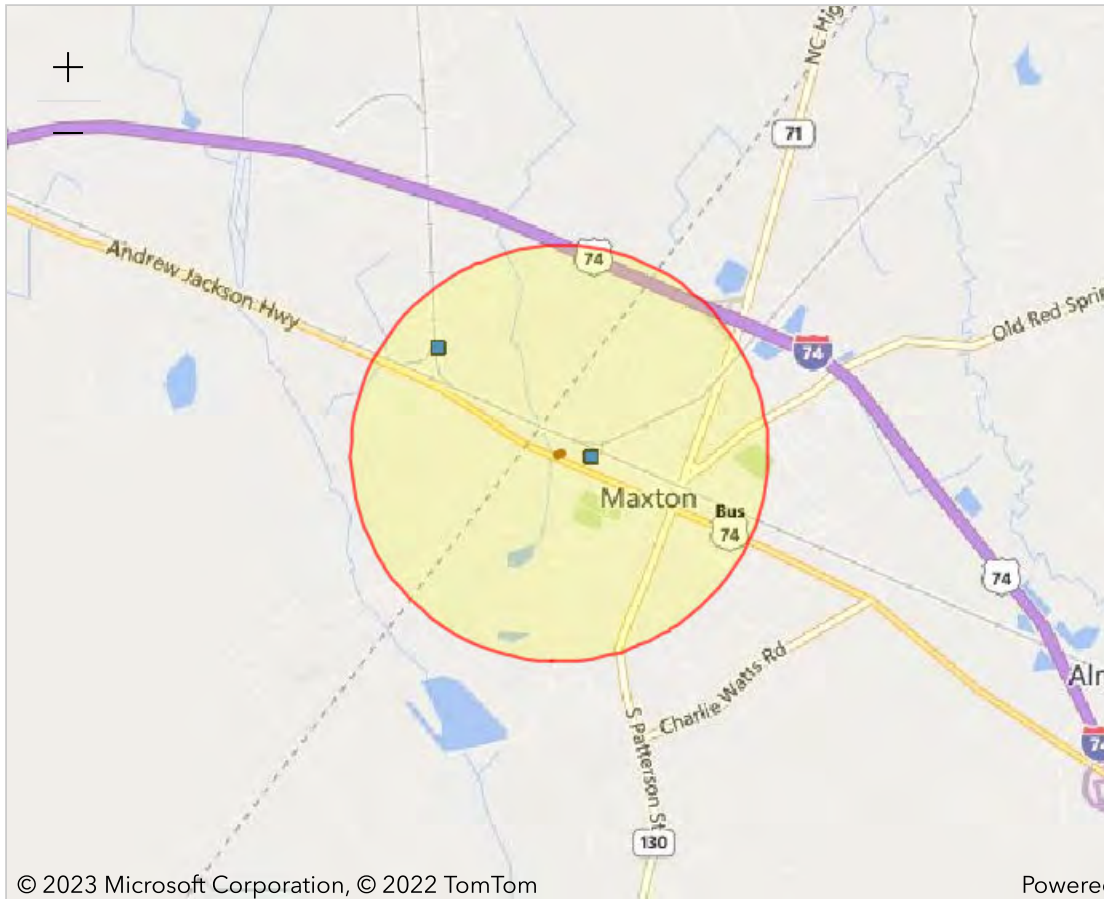
WASTE CODE	WASTE DESCRIPTION
D001	IGNITABLE WASTE
D005	BARIUM
F002	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, 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.
F011	SPENT CYANIDE SOLUTIONS FROM SLAT BATH POT CLEANING FROM METAL HEAT TREATING OPERATIONS.
P030	CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

[Go To Top Of The Page](#)

**Total Number of Facilities Retrieved: 1**

**Data Refresh Information** <<https://epa.gov/resources/echo-data/about-the-data#sources>>



**Report question: *Within 1 of a Air emissions site? yes***

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

meters ▼

**Name**☐ HASTY PLYWOOD CO INC (MAXTON,NC) ([https://enviro.epa.gov/enviro/airsquery.detail\\_plt\\_view?p\\_id=NC0000003707800032](https://enviro.epa.gov/enviro/airsquery.detail_plt_view?p_id=NC0000003707800032))

p\_id=NC0000003707800032)

**REGISTRY\_ID:** 110001480905**LATITUDE:** 34.7394**LONGITUDE:** -79.356166**PGM\_SYS\_ACRNM:** AIR**PGM\_SYS\_ID:** NC0000003707800032**LOCATION\_ADDRESS:** 100 AUSTIN STREET**CITY\_NAME:** MAXTON**COUNTY\_NAME:****STATE\_CODE:** NC**EPA\_REGION:** Region 4**POSTAL\_CODE:** 28364**FIPS\_CODE:** NC155**HUC\_CODE:****Distance**

0.14 mile

Name	Distance
<div data-bbox="115 117 1156 144"> <input type="checkbox"/> MAXTON TEXTILE FINISHING (MAXTON,NC) (<a href="https://enviro.epa.gov/enviro/airsquery.detail_plt_view?p_id=NC0000003708300102">https://enviro.epa.gov/enviro/airsquery.detail_plt_view?p_id=NC0000003708300102</a>) </div> <div data-bbox="115 182 438 205">REGISTRY_ID: 110030744862</div> <div data-bbox="115 214 324 235">LATITUDE: 34.7471</div> <div data-bbox="115 241 368 264">LONGITUDE: -79.36934</div> <div data-bbox="115 270 368 294">PGM_SYS_ACRNM: AIR</div> <div data-bbox="115 300 509 321">PGM_SYS_ID: NC0000003708300102</div> <div data-bbox="115 327 592 350">LOCATION_ADDRESS: 12600 AIRPORT ROAD</div> <div data-bbox="115 357 349 378">CITY_NAME: MAXTON</div> <div data-bbox="115 384 293 407">COUNTY_NAME:</div> <div data-bbox="115 413 305 434">STATE_CODE: NC</div> <div data-bbox="115 441 365 464">EPA_REGION: Region 4</div> <div data-bbox="115 470 355 491">POSTAL_CODE: 28364</div> <div data-bbox="115 497 324 518">FIPS_CODE: NC165</div> <div data-bbox="115 525 245 548">HUC_CODE:</div>	0.77 mile

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Plant Information

<b>HASTY PLYWOOD CO INC</b> 100 AUSTIN STREET MAXTON, NC 28364		
--	--	--

<b>Operating Status Code</b>	OPR	<b>Operating Status Desc.</b>	Operating
<b>Facility ID</b>	NC0000003707800032	<b>State Registration Number</b>	
<b>Facility Type Code</b>	POF	<b>Facility Type Desc.</b>	Privately Owned Facility
<b>Government Facility Code</b>		<b>Government Facility Description</b>	

NAICS Information		SIC Information	
<b>NAICS Code</b>	<b>NAICS Description</b>	<b>SIC Code</b>	<b>SIC Description</b>
321211	Hardwood Veneer and Plywood Manufacturing	2435	Hardwood Veneer And Plywood

---

### Air Program Information

Program Code	Program Description	Operating Status	Subpart Code	Subpart Description
CAAGACTM	40 CFR Part 63 Area Sources	Operating	CAAGACTM6J	40 CFR Part 63 Area Sources - Subpart JJJJJJ - INDUSTRIAL, COMMERCIAL, AND INSTITUTIONAL BOILERS AREA SOURCES
CAAMACT	MACT Standards (40 CFR Part 63)	Operating	CAAMACTA	MACT Part 63 - Subpart A - GENERAL PROVISIONS
CAASIP	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards	Operating		

---

### Air Pollutant Information

Pollutant Code	Pollutant Description	Chemical Abstract Service (CAS) Number	SRS ID	AIR Pollutant Class Code	AIR Pollutant Class Description
10193	Carbon monoxide	630080	65052	MIN	Minor Emissions
10461	Sulfur dioxide	7446095	150367	MIN	Minor Emissions
300000005	NITROGEN OXIDES NO2	10102440	167924	MIN	Minor Emissions
300000319	PARTICULATE MATTER < 10 UM		1647619	MIN	Minor Emissions
300000243	VOLATILE ORGANIC COMPOUNDS (VOCs)		761346	MIN	Minor Emissions
300000242	TOTAL HAZARDOUS AIR POLLUTANTS (HAPS)		761502	MIN	Minor Emissions

<b>Pollutant Code</b>	<b>Pollutant Description</b>	<b>Chemical Abstract Service (CAS) Number</b>	<b>SRS ID</b>	<b>AIR Pollutant Class Code</b>	<b>AIR Pollutant Class Description</b>
300000322	TOTAL PARTICULATE MATTER		1647643	MIN	Minor Emissions
300000329	FACIL			MIN	Minor Emissions
300000236	VISIBLE EMISSIONS		1647650	MIN	Minor Emissions

---

### Air Compliance Monitoring Information

<b>State/EPA Flag</b>	<b>Activity Type</b>	<b>Activity Type Description</b>	<b>Compliance Monitor Type</b>	<b>Compliance Monitor Type Description</b>	<b>End Date</b>	<b>Program Code</b>
S	INS	Inspection/Evaluation	PCE	PCE On-Site	29-JUN-22	CAAGACTM,CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	04-FEB-21	CAAGACTM,CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	07-FEB-20	CAAGACTM,CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	03-JAN-19	CAAGACTM,CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	17-JAN-18	CAAGACTM,CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	13-JUN-17	CAAGACTM,CAASIP

---

<b>State/EPA Flag</b>	<b>Activity Type</b>	<b>Activity Type Description</b>	<b>Compliance Monitor Type</b>	<b>Compliance Monitor Type Description</b>	<b>End Date</b>	<b>Program Code</b>
S	INS	Inspection/Evaluation	PCE	PCE On-Site	17-MAR-16	CAAGACTM,CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	30-JUL-15	CAAGACTM,CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	09-SEP-14	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	15-JAN-13	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	26-OCT-10	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	21-DEC-09	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	21-MAY-09	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	21-FEB-07	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	24-NOV-04	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	28-JUL-04	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	02-AUG-02	CAASIP

<b>State/EPA Flag</b>	<b>Activity Type</b>	<b>Activity Type Description</b>	<b>Compliance Monitor Type</b>	<b>Compliance Monitor Type Description</b>	<b>End Date</b>	<b>Program Code</b>
S	INS	Inspection/Evaluation	PCE	PCE On-Site	18-MAY-99	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	26-FEB-97	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	06-AUG-96	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	24-AUG-93	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	01-APR-92	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	01-JAN-92	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	01-NOV-91	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	17-JAN-91	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	17-JAN-91	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	17-JAN-91	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	17-JAN-91	CAASIP

<b>State/EPA Flag</b>	<b>Activity Type</b>	<b>Activity Type Description</b>	<b>Compliance Monitor Type</b>	<b>Compliance Monitor Type Description</b>	<b>End Date</b>	<b>Program Code</b>
S	INS	Inspection/Evaluation	PCE	PCE On-Site	30-JAN-90	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	30-JAN-90	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	08-SEP-89	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	08-SEP-89	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	16-SEP-88	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	16-SEP-88	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	15-SEP-87	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	15-SEP-87	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	19-JUN-86	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	19-JUN-86	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	20-FEB-85	CAASIP



State/EPA Flag	Activity Type	Activity Type Description	Compliance Monitor Type	Compliance Monitor Type Description	End Date	Program Code
S	INS	Inspection/Evaluation	PCE	PCE On-Site	11-JUN-84	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	26-JAN-83	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	08-FEB-82	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	04-JUN-80	CAASIP

#### Informal Enforcement Information

State/EPA Flag	Activity Type	Activity Type Description	Enforcement Identifier	Enforcement Type Code	Total Penalty Assessed	End Date
S	AIF	Administrative - Informal	NC000A00003707800032	NOV		25-JAN-18
S	AIF	Administrative - Informal	NC000A00003707800032	NOV		30-JUN-17
S	AIF	Administrative - Informal	NC000A00003707800032	NOV		29-MAR-16
S	AIF	Administrative - Informal	NC000A00003715500032	NOV		23-JUN-08

**Data Refresh Information** <<https://epa.gov/resources/echo-data/about-the-data#sources>>



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[Other Datasets](https://www.epa.gov/enviro/other-datasets)

**Plant Information**

<b>MAXTON TEXTILE FINISHING</b> 12600 AIRPORT ROAD MAXTON, NC 28364		
---	--	--

<b>Operating Status Code</b>	OPR	<b>Operating Status Desc.</b>	Operating
<b>Facility ID</b>	NC0000003708300102	<b>State Registration Number</b>	
<b>Facility Type Code</b>	POF	<b>Facility Type Desc.</b>	Privately Owned Facility
<b>Government Facility Code</b>		<b>Government Facility Description</b>	

NAICS Information		SIC Information	
NAICS Code	NAICS Description	SIC Code	SIC Description
313311	Broadwoven Fabric Finishing Mills [2007]	2261	Finishing Plants, Cotton

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### Air Program Information

Program Code	Program Description	Operating Status	Subpart Code	Subpart Description
CAASIP	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards	Operating		

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### Air Pollutant Information

Pollutant Code	Pollutant Description	Chemical Abstract Service (CAS) Number	SRS ID	AIR Pollutant Class Code	AIR Pollutant Class Description
10193	Carbon monoxide	630080	65052	MIN	Minor Emissions
300000005	NITROGEN OXIDES NO2	10102440	167924	MIN	Minor Emissions
300000243	VOLATILE ORGANIC COMPOUNDS (VOCS)		761346	MIN	Minor Emissions

---

<b>Pollutant Code</b>	<b>Pollutant Description</b>	<b>Chemical Abstract Service (CAS) Number</b>	<b>SRS ID</b>	<b>AIR Pollutant Class Code</b>	<b>AIR Pollutant Class Description</b>
300000236	VISIBLE EMISSIONS		1647650	MIN	Minor Emissions
300000322	TOTAL PARTICULATE MATTER		1647643	MIN	Minor Emissions
300000329	FACIL			MIN	Minor Emissions
10461	Sulfur dioxide	7446095	150367	MIN	Minor Emissions

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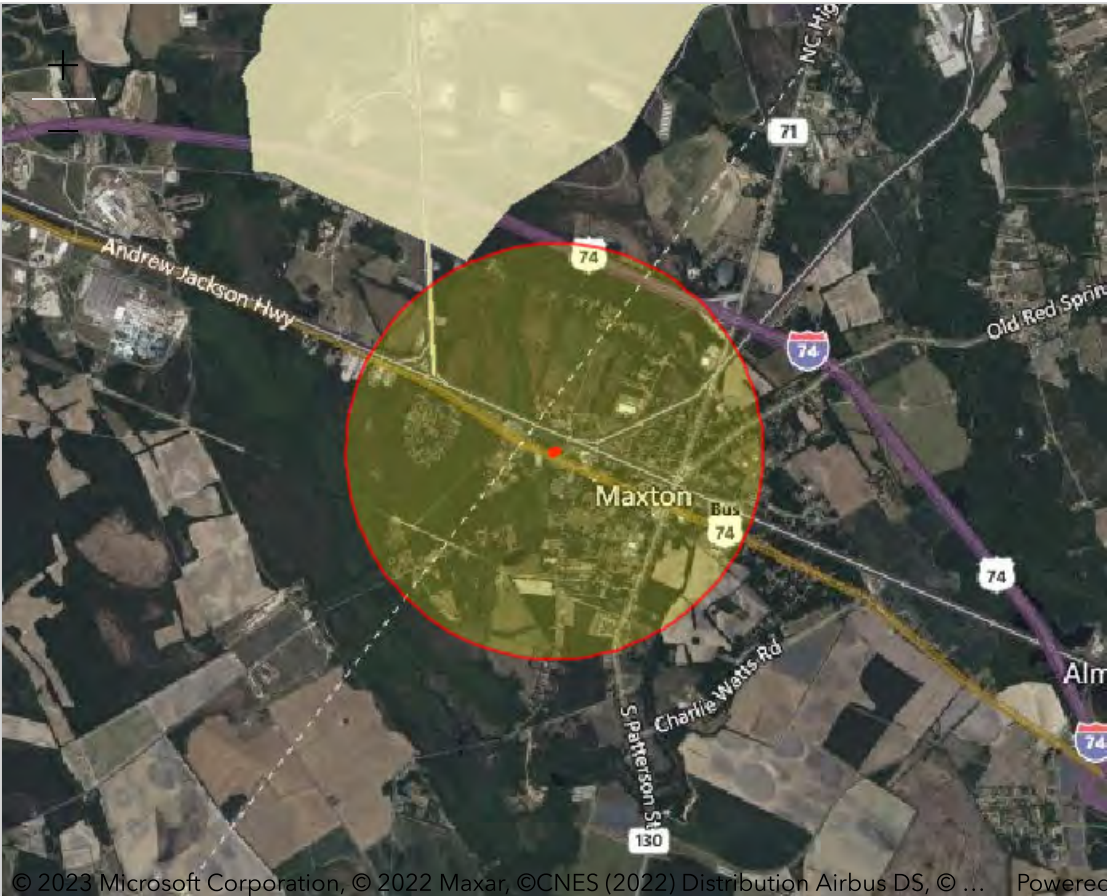
### Air Compliance Monitoring Information

<b>State/EPA Flag</b>	<b>Activity Type</b>	<b>Activity Type Description</b>	<b>Compliance Monitor Type</b>	<b>Compliance Monitor Type Description</b>	<b>End Date</b>	<b>Program Code</b>
S	INS	Inspection/Evaluation	PCE	PCE On-Site	02-DEC-20	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	04-JUN-19	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	27-JUN-18	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	02-JUN-16	CAASIP

---

<b>State/EPA Flag</b>	<b>Activity Type</b>	<b>Activity Type Description</b>	<b>Compliance Monitor Type</b>	<b>Compliance Monitor Type Description</b>	<b>End Date</b>	<b>Program Code</b>
S	INS	Inspection/Evaluation	PCE	PCE On-Site	16-JUL-15	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	31-JUL-14	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	18-SEP-13	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	31-AUG-11	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	24-MAR-10	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	24-FEB-09	CAASIP

**Data Refresh Information** <<https://epa.gov/resources/echo-data/about-the-data#sources>>



Report question: *Within 1 mile of a Public Property Boundary of the Formerly Used Defense Sites?*    **yes**

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

miles

▼

Submit

Features within Study Area

Features found: 1

Name	Distance
------	----------

**Name**☐ LAURINBURG-MAXTON AB**Distance**

0.66 mile

**CLOSESTCIT:** LAURINBURG**CONGRESSIO:** 08**COUNTY:** SCOTLAND**CURRENTOWN:** Local Government**DODFUDSPRO:****ELIGIBILIT:** Eligible**EMSMGMTACT:** <https://fudsportal.usace.army.mil/ems/inventory/map?id=56381>**EPAREGION:** 04**FEATUREDES:****FEATURENAM:** LAURINBURG-MAXTON AB**FUDSINSTAL:** NC49799F482900**FUDSUNIQUE:** I04NC0019**HASPROJECT:** Yes**LATITUDE:** 34.78666667**LONGITUDE:** -79.36194444**MEDIAID:****METADATAID:****NOFURTHERA:****PROJECTREQ:****SDSID:****SITEELIGIB:** Eligible**STATE:** nc**STATUS:** Properties with projects**STATUSCODE:** Not Listed**USACEDISTR:** sas**FISCALYEAR:** 2020**USACEDIVIS:** sad

**PROPERTYHI:** The site was used as a glider base and training site. Since WW II the site has been used as a local airport and industrial park. This property is known or suspected to contain military munitions and explosives of concern and therefore may present an expl

**Shape\_\_Are:** 0.001981524215807**Shape\_\_Len:** 0.269975387359066**Shape\_\_Length:** 0.269975390023538**Shape\_\_Area:** 0.001981524200140525



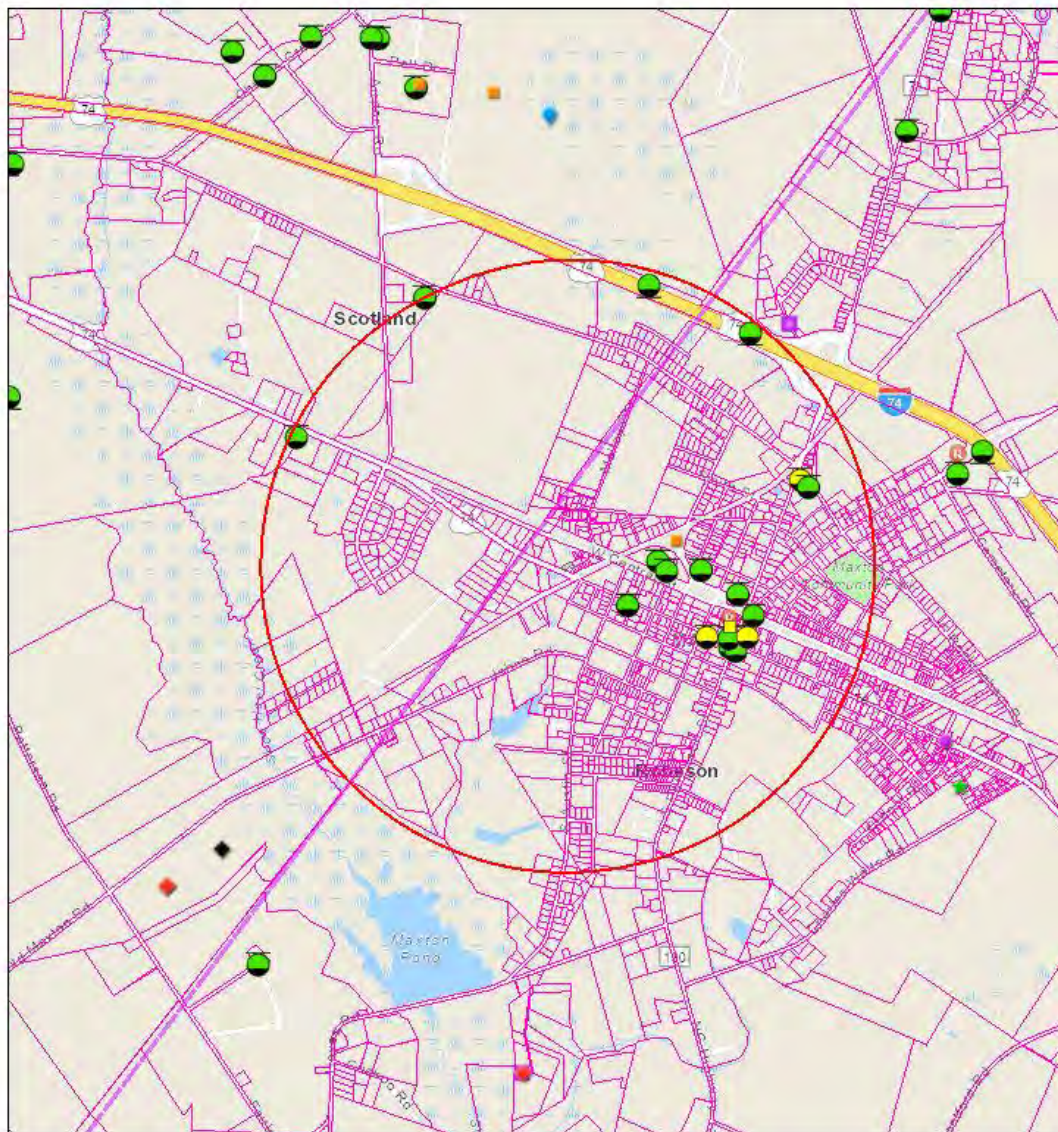


# Screening Report - Maxton SLS No. 7, 904 US 74 Business 1-mile

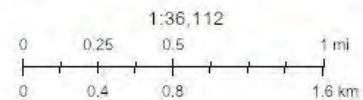
## Area of Interest (AOI) Information

Area : 90,542,057.45 ft<sup>2</sup>

Jan 30 2023 17:09:41 Eastern Standard Time



- Permitted Solid Waste Landfills
- Other Permitted Solid Waste Facilities
- Hazardous Waste Sites
- Brownfields Program Sites
- Pre-Regulatory Landfill Sites
- Activity Pending
- Inactive Hazardous Sites



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

## Inactive Hazardous Sites

#	EPAID	SITENAME	Count
1	NONCD0002049	MAXTON OIL & FERT. CO. - PLANT	1

## DryCleaning Historical Boiler Inspections

#	Drycleaner	InspDate	Count
1	SEALS CLEANERS	11/4/1988	1

## UST Incidents

#	IncidentNumber	IncidentName	Count
1	13266	WOODSOUTH INDUSTRIAL & WOOD	1
2	14735	J & E CAR WASH	1
3	18180	MOSS TRUCKING CO.	1
4	23907	THE PANTRY 3018	1
5	29094	NCDOT - MAXTON	1
6	29187	MAXTON MOBIL (FORMER)	1
7	29407	MAXTON WELL 1	1
8	29451	COMMUNITY STOP 2	1
9	29456	MINIT SHOP	1
10	29480	PEOPLE'S GAS & OIL CARD SYSTEM	1
11	29522	NIC'S PIC KWIK 4	1
12	42236	NIC'S PIC KWIK 4 (B)	1
13	No Data	MAXTON OIL & FERTILIZER FACILITY (FORMER)	1
14	No Data	MAXTON OIL & FERTILIZER	1
15	No Data	D&S AUTOMATIC CAR WASH PROPERTY - NCDOT	1

## Non-UST Incidents

#	IncidentNumber	IncidentName	Count
1	90189	SCHNEIDER TRUCK ACCIDENT	1
2	92434	Maxton Diesel Release	1

## UST Active Facilities

#	FACILID	FACILNAME	Count
1	00-0-0000018092	SHORT STOP MART	1
2	00-0-0000018540	NICS PIC KWIK #16	1
3	00-0-0000019341	NIC'S PIC KWIK 4	1
4	00-0-0000021610	MINIT SHOP OF MAXTON	1
5	00-0-0000035880	MOMS FISH & FRY	1

## Land Use Restriction and/or Notices

#	Prj_Number	Prj_Name	Count
1	FA-2954	MAXTON MOBIL (FORMER)	1



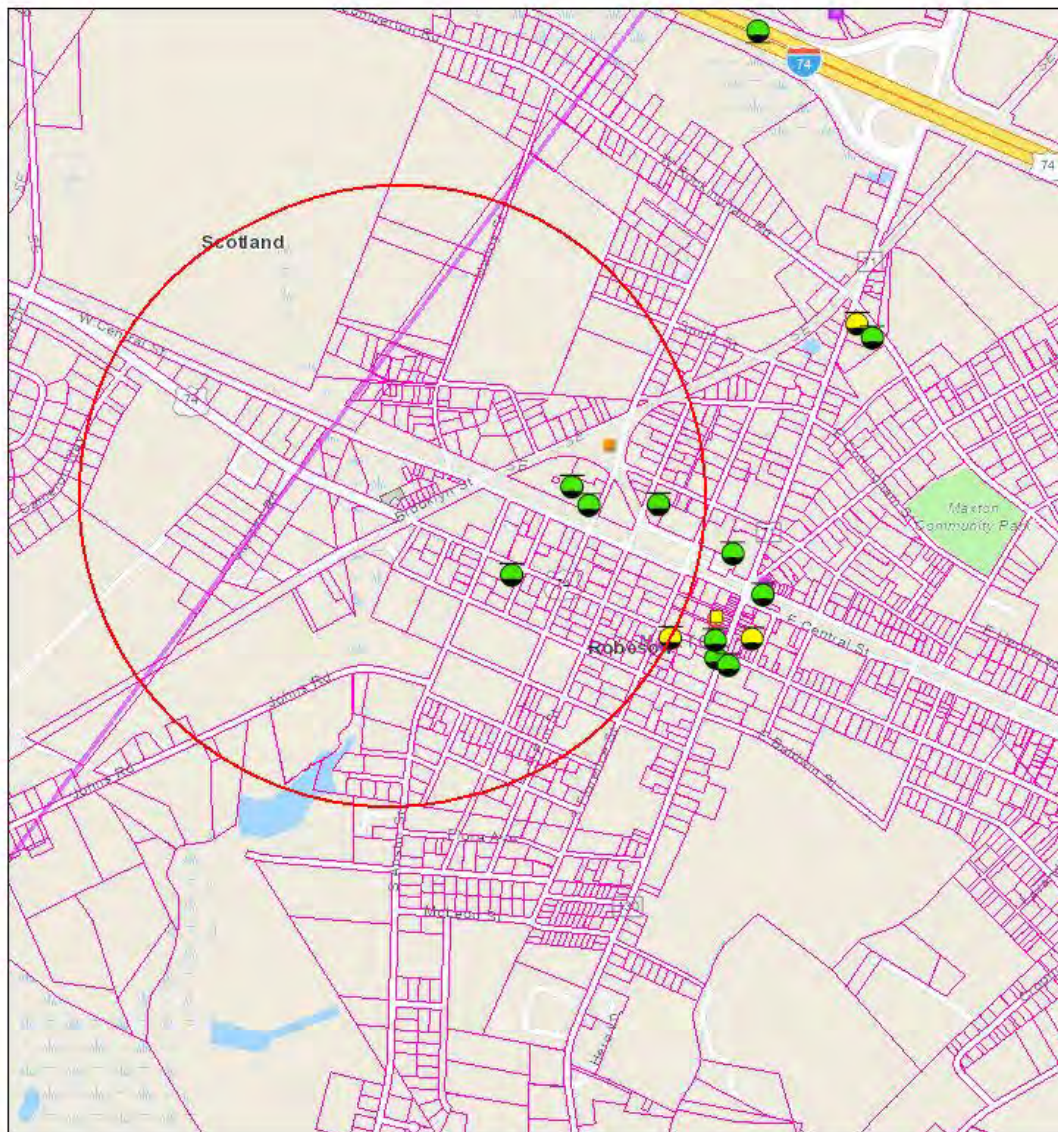


# Screening Report- Maxton SLS No. 7, 904 US 74 Business 0.5-mile

## Area of Interest (AOI) Information

Area : 23,387,097.21 ft<sup>2</sup>

Jan 30 2023 17:13:02 Eastern Standard Time



## Inactive Hazardous Sites

#	EPAID	SITENAME	Count
1	NONCD0002049	MAXTON OIL & FERT. CO. - PLANT	1

## UST Incidents

#	IncidentNumber	IncidentName	Count
1	23907	THE PANTRY 3018	1
2	29407	MAXTON WELL 1	1
3	No Data	MAXTON OIL & FERTILIZER FACILITY (FORMER)	1
4	No Data	MAXTON OIL & FERTILIZER	1

## UST Active Facilities

#	FACILID	FACILNAME	Count
1	00-0-0000018092	SHORT STOP MART	1
2	00-0-0000018540	NICS PIC KWIK #16	1

November 1, 1995

MEMORANDUM

To: Fay Sweat, Raleigh Central Office  
From: Beth Madis, Hydrogeological Technician II, FRO Groundwater  
Subject: Closure of Fayetteville region PIRF sites

The following Fayetteville region sites can be formally closed out; no further work will be done for these sites unless new information is made available to our office that indicates further investigation would be warranted.

Any further questions, please call me at (910) 486-1541.

PIRF Numbers:

2389	7608	8300	11622
3501	7761	8666	11631
3611	7770	9169	11863
3895	7773	9347	11867
4025	7789	9488	12013
4056	7799	9684	12031
4058	7885	9753	12797
5287	7886	9796	13266 ✓
5431	7888	10097	13267
5465	7925	10651	
5467	7928	10930	
5680	7948	11067	
5911	7950	11087	
6153	7957	11111	
7219	7972	11112	
7496	8130	11197	
7607	8258	11453	

RECEIVED/ENV.  
GEN. GROUND WATER DIV.  
95 NOV -7 PM 1:15

# POLLUTION INCIDENT/U.S.T. LEAK REPORTING FORM

Department of Environment, Health, Natural Resources  
Division of Environmental Management  
GROUNDWATER SECTION

Confirm. GW Contamination (Y/N) 1Major Soil Contamination (Y/N) 1Minor Soil Contamination (Y/N) YesIncident # 13266Date Incident Occurred  
or Leak Detected 10/24/94

## INCIDENT DESCRIPTION

Incident Location/Name WOODSOUTH INDUSTRIAL: Wood ProductsAddress State Rd. 1369 1/4 mile from county lineCity/Town MAXTONCounty ScotlandRegion FayettevilleBriefly Describe Incident During Abandonment of 2 USTs, soil contamination (Diesel) was indicated by the sampling that was conducted.

## POTENTIAL SOURCE OWNER-OPERATOR

Potential Source Owner-Operator Mr. Don Stephens

Telephone

910/844-5088Company WOODSOUTH INDUSTRIAL: Wood Products

Street Address

P.O. Box 877

City

MAXTON

County

SCOTLAND

State

N.C.

Zip Code

28364

### OWNERSHIP

0. N/A 1. Municipal 2. Military 3. Unknown 4. Private 5. Federal 6. County 7. State

### OPERATION TYPE

0. N/A 1. Public Service 2. Agricultural 3. Residential 4. Educational/Relig. 5. Industrial 6. Commercial 7. Mining

## POLLUTANTS INVOLVED

MATERIALS INVOLVED

DIESEL

AMOUNT LOST

UNKNOWN

AMOUNT RECOVERED

NONE

## SOURCE OF POLLUTION

### PRIMARY SOURCE OF POLLUTION

(Select one)

1. Intentional dump 13. Well  
2. Pit, pond, lagoon 14. Dredge spoil  
3. Leak underground 15. Nonpoint source  
4. Spray irrigation  
5. Land application  
6. Animal feedlot  
7. Source unknown  
8. Septic tank  
9. Sewer line  
10. Stockpile  
11. Landfill  
12. Spill-surface

### PRIMARY POLLUTANT TYPE

(Select one)

1. Pesticide/herbicide  
2. Radioactive waste  
3. Gasoline/diesel  
4. Heating oil  
5. Other petroleum prod.  
6. Sewage/septage  
7. Fertilizers  
8. Sludge  
9. Solid waste leachate  
10. Metals  
11. Other inorganics  
12. Other organics

### LOCATION

1. Facility  
2. Railroad  
3. Waterway  
4. Pipeline  
5. Dumpsite  
6. Highway  
7. Residence

### SETTING

1. Residential  
2. Industrial  
3. Urban  
4. Rural

RECEIVED

FEB 06 1995

POLLUTION CONTROL REPORT

Site Priority  
Ranking1308

D.E.M. Regional Contact

ART BARNHART

Signature

Art A. Barnhart

Date

1/10/95

# IMPACT ON DRINKING WATER SUPPLIES

WELLS AFFECTED 1. YES 2. NO

NUMBER OF WELLS AFFECTED

Well(s) Contaminated: (Users Name)

1.

2.

3.

4.

5.

Circle Appropriate Responses

Lab Samples Taken By:

1. DEM

2. DHS

3. Responsible Party

4. Other

5. None

Samples Taken Include:

1. Groundwater

2. Soil

## LOCATION OF INCIDENT

7 1/2 Min. Quad Name

WAKULLA

Lat. : Deg : Min : Sec :

34° 45' 09"

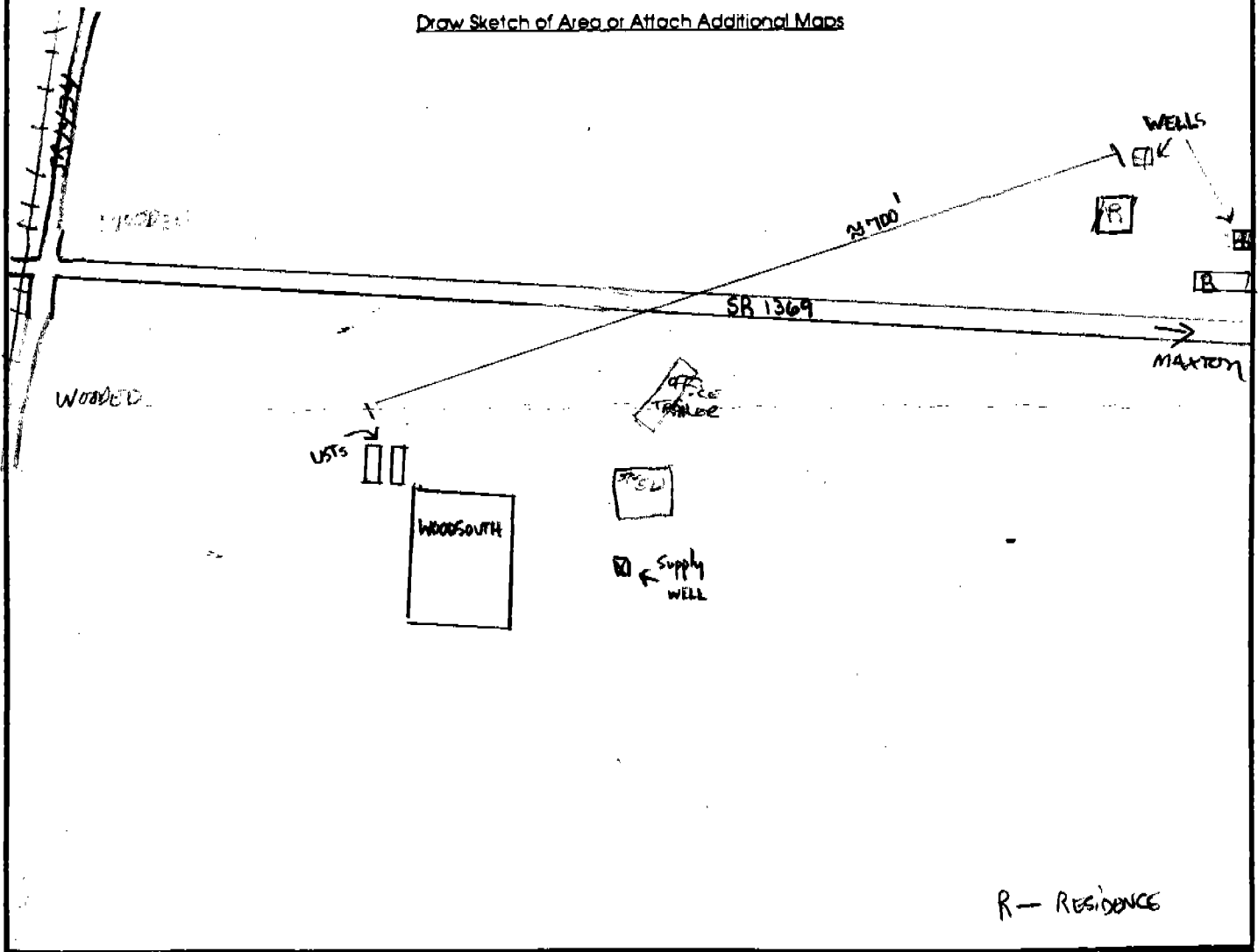
5 Min. Quad Number

X48

Long. : Deg : Min : Sec :

79° 22' 02"

Draw Sketch of Area or Attach Additional Maps





# POLLUTION INCIDENT/U.S.T. LEAK REPORTING FORM

Department of Environment, Health, Natural Resources  
Division of Environmental Management  
GROUNDWATER SECTION

Confirm. GW Contamination (Y/N) ✓  
Major Soil Contamination (Y/N) ✓  
Minor Soil Contamination (Y/N) ✓

Incident # \_\_\_\_\_  
Date Incident Occurred  
or Leak Detected 10-17-97

## INCIDENT DESCRIPTION

Incident Location/Name MOSS TRUCKING CO  
Address OLD 74 WEST  
City/Town MAXTON County SCOTLAND Region FRO  
Briefly Describe Incident A LEAK WAS DETECTED WHEN  
UST'S WERE REMOVED

## POTENTIAL SOURCE OWNER-OPERATOR

Potential Source Owner-Operator T. BRAGG McLeod Telephone \_\_\_\_\_  
Company MOSS TRUCKING INC Street Address P.O. Box 26125  
City CHARLOTTE County \_\_\_\_\_ State NC Zip Code 28221

### OWNERSHIP

0. N/A 1. Municipal 2. Military 3. Unknown 4. Private 5. Federal 6. County 7. State

### OPERATION TYPE

0. N/A 1. Public Service 2. Agricultural 3. Residential 4. Educational/Relig. 5. Industrial 6. Commercial 7. Mining

## POLLUTANTS INVOLVED

MATERIALS INVOLVED	AMOUNT LOST	AMOUNT RECOVERED
<u>Diesel</u>	<u>?</u>	<u>none</u>
<u>WASTE OIL</u>	<u>?</u>	<u>none</u>

## SOURCE OF POLLUTION

### PRIMARY SOURCE OF POLLUTION (Select one)

- |                      |                     |
|----------------------|---------------------|
| 1. Intentional dump  | 13. Well            |
| 2. Pit, pond, lagoon | 14. Dredge spoil    |
| 3. Leak-underground  | 15. Nonpoint source |
| 4. Spray irrigation  |                     |
| 5. Land application  |                     |
| 6. Animal feedlot    |                     |
| 7. Source unknown    |                     |
| 8. Septic tank       |                     |
| 9. Sewer line        |                     |
| 10. Stockpile        |                     |
| 11. Landfill         |                     |
| 12. Spill-surface    |                     |

### PRIMARY POLLUTANT TYPE (Select one)

1. Pesticide/herbicide
2. Radioactive waste
3. Gasoline/diesel
4. Heating oil
5. Other petroleum prod.
6. Sewage/septage
7. Fertilizers
8. Sludge
9. Solid waste leachate
10. Metals
11. Other inorganics
12. Other organics

### LOCATION

1. Facility
2. Railroad
3. Waterway
4. Pipeline
5. Dumpsite
6. Highway
7. Residence
8. Other

### SETTING

1. Residential
2. Industrial
3. Urban
4. Rural

Site Priority  
Ranking Low  
402

D.E.M. Regional Contact D. R. LITTLE

Signature [Signature]

Date 8-12-97



P. O. BOX 26125 • CHARLOTTE, NORTH CAROLINA 28221 • AREA CODE 704 372-3611

November 25, 1996

North Carolina Division of Water Quality  
Groundwater Section  
Fayetteville Regional Office  
Wachovia Building, Suite 714  
Fayetteville, NC 28301-5094

RECEIVED

DEC 2 1996

ENV. MANAGEMENT  
FAYETTEVILLE REG. OFFICE

Subject: Underground Storage Tank Closure Report

Former Moss Trucking Co., Inc. Facility  
Facility ID No. is 0-008663  
Old 74 West  
Maxton, NC 28364  
(704) 372-3611  
Scotland County

Gentlemen:

Enclosed is a copy of the Underground Storage Tank Closure Report for the subject facility.

The closure contractor was SPATCO Environmental, Inc., 5100 N. I-85, Suite 7, Charlotte, NC 28206. The enclosed report was also prepared by them.

If you should have any questions, please contact the undersigned.

Thank you.

Very truly yours,

Charles B. Ledford  
Secretary

**UNDERGROUND STORAGE TANK CLOSURE REPORT**

The Closure report should contain, at a minimum, the following information. Any other information that is pertinent to the site should be included.

**I. General Information**

**A. Ownership of UST(s)**

**1. Name of UST owner:**

Moss Trucking Company, Inc.

**2. Owner address and telephone number:**

P.O. Box 26125  
Charlotte, NC 28221  
(704) 372-3611

**B. Facility Information**

**1. Facility Name:**

Former Moss Trucking Facility

**2. Facility ID#:**

0-008663

**3. Facility address, telephone number and county:**

Route 2 Box 6-B  
Maxton, NC 28364  
(704) 372-3611  
Scotland County

**C. Contacts**

**1. Name, address, telephone number and job title of primary contact person:**

Mr. T. Bragg McLeod- Owner  
Chairman of the Board  
P.O. Box 26125  
Charlotte, NC 28221  
(704) 372-3611

**2. Name, address and telephone number of closure contractor:**

SPATCO Environmental, Inc.  
5100 N. I-85, Suite 7  
Charlotte, NC 28206  
(704) 598-8624

**SPATCO**  
**Environmental, Inc.**

3. Name, address and telephone number of primary consultant::

SPATCO Environmental, L.L.P.  
5100 N. I-85, Suite 7  
Charlotte, NC 28206  
(704) 598-8624

4. Name, address, telephone number, and State certification number of laboratory:

Hydrologic, Inc.  
1491 Twilight Trail  
Frankfort, KY 40601  
(502) 223-0251  
NC 399

D. UST Information:

Tank No.	Installation Dates	Size In Gallons	Tank Dimensions	Last Content	Previous Contents (if any)
1	Unk	2,000	64" x 12'	Unused Oil	---
2	Unk	2,000	64" x 12'	Waste Oil	---
3	Unk	6,000	8' x 16'	Diesel	---
4	Unk	6,000	8' x 16'	Diesel	---

E. Site Characteristics

1. Describe any past releases at this site: No known past releases were reported during the history of the (2) 2,000-gallon and (2) 6,000-gallon underground storage tanks.
2. Is the facility active or inactive at this time? If the facility is inactive note the last time the UST's were in operation:  
The site is an active facility. Note: All tanks have been out of operation since February 29, 1996.
3. Describe surrounding property use (for example, residential, commercial, farming, etc.): The area surrounding the site consists of commercial, residential and industrial land uses. Water is supplied to the site by the City of Maxton.
4. Describe site geology/hydrogeology: The site is located in the Black Creek Formation, which consists of gray to black clay with lenses of micaceous sands. Soils encountered during the UST excavation activities revealed that the predominant soil type is light gray to white clayey sand. Groundwater was encountered in the excavation at a depth of thirteen and a half feet.

II. Closure Procedures:

- A. Describe preparations for closure including the steps taken to notify authorities, permits obtained and the steps taken to clean and purge the tanks: Prior to UST removal, a Notification of Intent for Permanent Closure (GW/UST-3) was filed on

September 25, 1996, with the North Carolina Department of Environment, Health and Natural Resources, Fayetteville Regional Office by SPATCO. The Maxton City Fire Department was notified prior to UST removals.

- B. **Note the amount of residual material pumped from the tank(s):** The diesel tanks were found to contain approximately 900 gallons of product as pumped and disposed of by Energy Recovery Resources of Concord, NC.

- C. **Describe the storage, sampling and disposal of the residual material:** NA.

D. **Excavation**

*Note: Refer to the "Groundwater Section Guidelines for the Investigation and Remediation of Soils and Groundwater" on limiting excavations. The Trust Fund will not pay for excessive excavation unless it is justified and verified by laboratory results.*

1. **Describe excavation procedures noting the condition of the soils and the dimensions of the excavation in relation to the tanks, piping and/or pumps:**

A trackhoe was used to remove the fill material over and around the UST beds. The dimensions of the (2) 2,000 gallon UST's bed was 13' x 37' with a depth of 11.5-feet. The dimensions of the (2) 6,000 gallon UST's was 20' x 25' with a depth of 12.5 feet. The UST was purged with dry ice, monitored for an oxygen level of less than 8% inside the UST with a Neotronics Exotox 40 portable gas monitor.

2. **Note the depth of tank burial(s) (from land surface to top of tank):** The top of the two 2,000 gallon UST's were buried approximately 4-feet and the two 6,000 gallon UST's were buried approximately 3.5 feet below land surface (BLS).

3. **Quantity of soil removed:** NA

4. **Describe soil type(s):** The soil encountered during the UST removal was a gray to white clayey sand.

5. **Type and source of backfill used:** The sand backfill was provided and delivered by William Wallace Trucking.

E. **Contaminated Soil**

*Note: Suspected contaminated soil should be segregated from soil that appears to be uncontaminated and should be treated as contaminated until proven otherwise. It should not be used as backfill.*

1. **Describe how it was determined to what extent to excavate the soil:** The soil surrounding the two 6,000 gallon diesel tanks was observed to contain no visible staining, but an odor was detected based on olfactory and field measurements with an organic vapor analyzer (OVA) model 128. Soils were placed back into the excavation.

2. **Describe method of temporary storage, sampling and treatment/disposal of soil:** NA.

**III. Site Investigation**

**SPATCO**  
**Environmental, Inc.**

- A. Provide information on field screening and observations, include methods used to calibrate field screening instrument(s): Soil samples were collected and divided into two representative portions. The first portion of each sample was placed in a polyethylene bag, sealed and allowed to acclimate for a minimum of ten minutes to allow any petroleum hydrocarbons to volatilize. An OVA was used to screen the headspace of the bagged sample for volatile hydrocarbons. The OVA is a factory calibrated instrument using a 95 ppm methane gas standard. The calibration is routinely checked in the field by trained personnel. OVA readings for soil samples are presented in Table 1.

B. Describe soil sampling points and sampling procedures used, including:

*Note: Refer to the "Groundwater Section Guidelines for the Investigation and Remediation of Soils and Groundwater" for information about sampling requirements.*

- **Location of Samples:** A total of 10 samples were collected during the UST removal activities. Soil samples SS-1 and SS-2 were collected from beneath the base of the 2,000-gallon unused oil UST at a depth of 11.5 feet. Soil samples SS-3 and SS-4 were collected from beneath the 2,000 gallon used oil UST at a depth of 11.5 feet. Soil samples SS-5 through SS-8 were collected beneath the two 6,000 gallon diesel tanks at a depth of 12.5 feet. Two dispenser island samples (DI-1 and DI-2) associated with the diesel UST system were collected at a depth of 3 feet.
- **Type of Samples (from excavation, stockpiled soil, etc.):** Soil samples were collected from beneath the UST's.
- **Sample collection procedures (grab, split spoon, hand auger, etc.):** Soil samples were obtained from undisturbed soils utilizing a trackhoe bucket. The dispenser island samples were obtained using a shovel.
- **Depth of soil samples (below land surface):** Depth of soils samples are described above (see chain-of-custody, Appendix E).
- **Whether samples were taken from side or floor of an Excavation:** Soil samples were collected from below the tank from the floor of the excavation.
- **Sample identification:** Soil samples are identified SS from below the UST's and DI from below the dispenser islands.
- **Sample analyses:** Soil samples SS-5 through SS-8, DI-1 and DI-2 were submitted for laboratory analysis by EPA method 8015 with a sample preparation 5030 and 3550. Soil samples SS-1 and SS-2 were analyzed by EPA Method 9071. Soil samples SS-3 and SS-4 were analyzed by EPA Method 9071 and 8021. Soil sample depths, OVA results and laboratory analytical results of these soil samples are presented in Table 1.

C. Describe groundwater or surface water sampling procedures used, including:

*Note: Refer to the "Groundwater Section Guidelines for the Investigation and Remediation of Soils and Groundwater" for information about sampling requirements.*

- **Location of samples:** Groundwater was encountered in the diesel UST's excavation at a depth of 13.5 feet in the test excavation..

**SPATCO**  
**Environmental, Inc.**

- Sample collection procedures (grab, bailer, etc.): NA.
- Sample identification: NA.
- Sample Analysis: NA.

**D. Quality Control Measures**

- Describe sample handling procedures including sample preservation and transportation: All soil samples were packed into laboratory supplied glass containers, sealed with Teflon lined caps, and placed in an iced cooler, respectively. Soil samples were maintained at 4°C and submitted under chain-of-custody procedures to Hydrologic, Incorporated for laboratory analysis.
- Describe decontamination procedures used: NA.
- Describe time and date samples were collected and date submitted to lab: The date and time soil samples were submitted to the laboratory for analysis are provided on the chain-of-custody. NA.
- Describe samples collected for quality control purposes (e.g. duplicates, field blanks, trip blanks, etc.) Including methods used to obtain these samples and analytical parameters: NA
- Discuss how results of quality control samples may have affected your interpretation of soil, groundwater or surface water sample results: NA

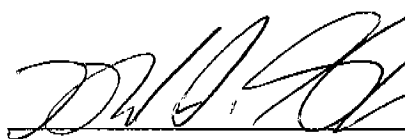
**E. Investigation results**

- Describe results of Site Sensitivity Evaluation (SSE), (if SSE was not Conducted, explain why not): An SSE was conducted due to the analytical results from the excavation of the diesel UST's. The site characteristic score was obtained by the grain size of sand, no relict or sedimentary structures, distance to water table estimate to be less than 5 feet from zone of contamination, bedrock above water table and artificial conduits present within the zone of contamination were not observed. Results of the SSE indicated a final cleanup level in the gasoline range to be 80 ppm, in the diesel range to be 320 ppm and in the oil and grease range at 1,100 ppm.
- Describe methods of analyses used (including U.S. EPA method number): See above. Analytical results are presented in Table 1.
- Describe analytical results for samples; discuss in relation to site specific cleanup level or action level, as appropriate: Laboratory analytical results indicate soil samples SS-1 and SS-2 obtained from the unused oil tank contained petroleum concentrations at 63.4 mg/kg and 177 mg/kg, respectively. Analytical results from the used oil tank (SS-3 and SS-4) contained concentrations below detection limits for EPA Method 9071 and 8021. Analytical results by EPA Method 5030, from the two 6,000-gallon diesel UST's indicate concentrations at below detection limits. Analytical results for the two diesel tank analyzed by EPA Method 3550 indicate concentrations at BDL in SS-5, at BDL in SS-6, at 6,690 mg/kg in SS-7 and 26.8 mg/kg in SS-8. Dispenser island samples DI-1 and DI-2 indicate concentrations in the diesel range (3550) at 1,730 mg/kg and 25.1 mg/kg, respectively and in the gasoline range (3550) at 30.4 mg/kg and BDL, respectively.

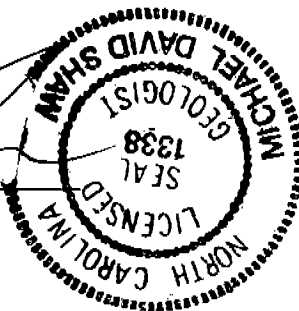
**IV. Conclusion and Recommendations**

Include probable sources of contamination, further investigation or remediation tasks, or whether no further action is required: Laboratory results for the soil samples collected from the diesel tank and the dispenser islands indicated TPH (diesel) concentrations ranging from below detection limits to 6,690 mg/kg in SS-7. Soil sample collected from beneath the one 6,000 gallon diesel UST and from the dispenser islands exceeded the North Carolina reportable concentration of 40 mg/kg in the diesel range.

**V. Signature of Professional Engineer or Licensed Geologist**



Michael D. Shaw, P.G.  
Professional Services Manager  
NC License #1338



11-19-96

Date

- ☐ Professional Engineer Registration #:
- ☐ Licensed Geologist License #: 1338



**VI. Enclosures**

**A. Figures**

**1. Area Map(s) (can be U.S.G.S. Topographic Quadrangle) Showing:**

- Adjacent streets, roads, highways with names and numbers
- Buildings
- Known distance to public water supply well(s)
- Distance to known private water supply well(s)
- Surface water bodies
- Groundwater flow direction (if available)
- Scale
- North Arrow

**2. Site map of UST excavation area drawn to scale, showing:**

- Buildings
- Underground utilities such as sewer lines and other conduits
- Orientation of UST(s), pumps, and product lines
- Length, diameter and volume of UST's
- Type of material(s) stored in UST's (currently and previously)
- Sample locations (identified by letter or number)
- Final limits of excavation
- North arrow
- Scale

**3. Maps depicting analytical results, to include: (combined with Figure 2)**

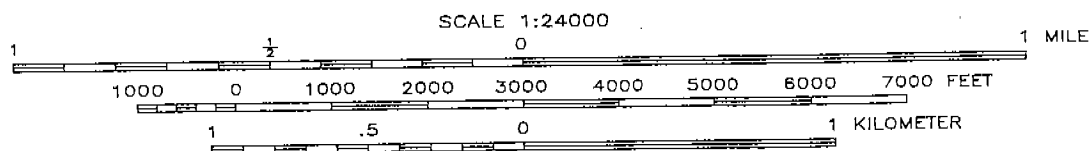
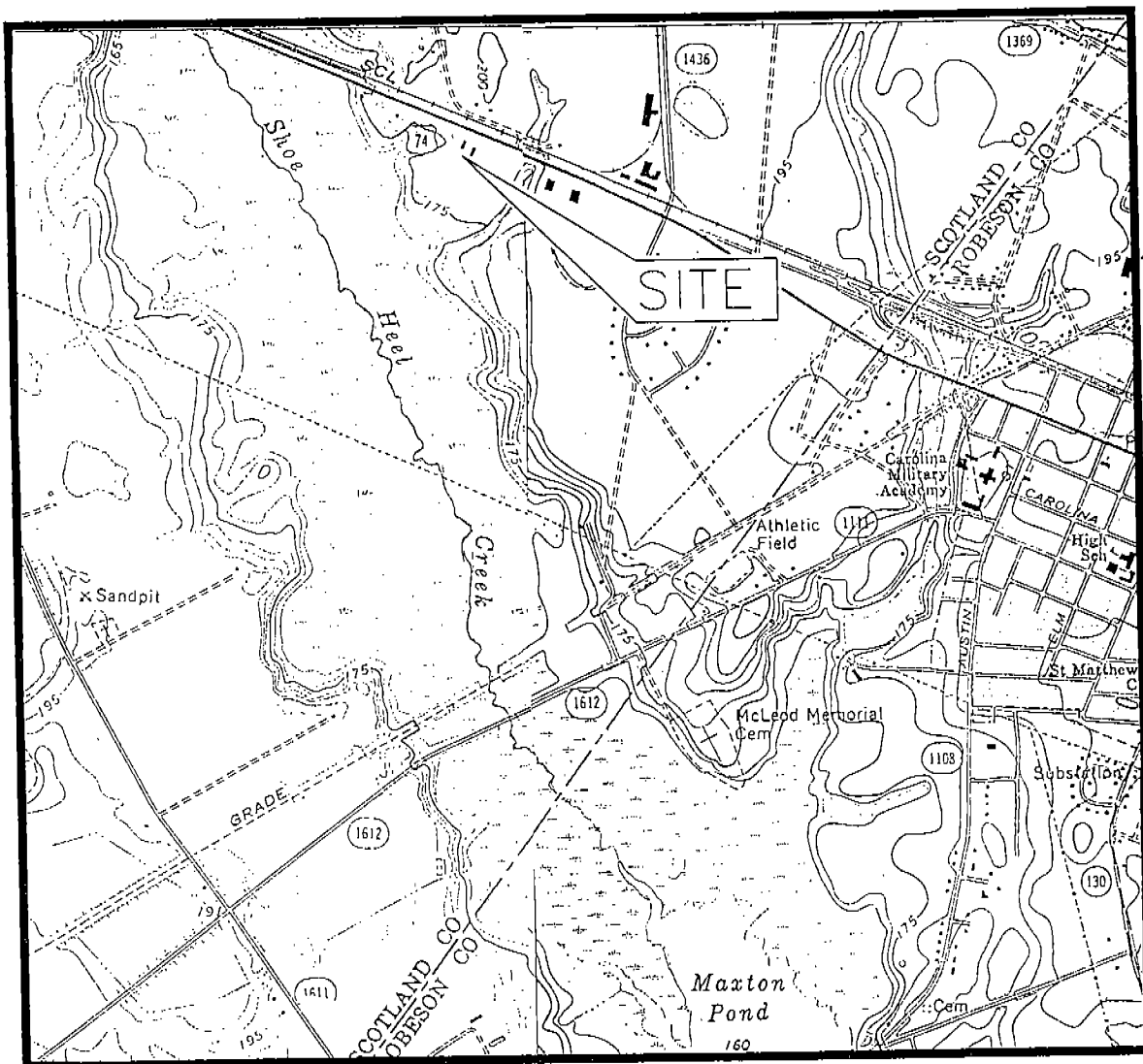
- Orientation of UST(s), pumps and product lines
- Sample locations, depths, and identifications
- Analytical results
- Final limits of excavation(s)

**B. Tables**

- 1. Field Screening results, sample identifications, depths and analyses**  
Sample identifications with results and dates that samples were taken.

**C. Appendices**

- Appendix A: Notification of intent to close (GW/UST-3)  
Appendix B: Site Investigation Report for Permanent Closure or Change-in-Service of UST (GW/UST-2)  
Appendix C: Certificate of tank disposal  
Appendix D: Soil, water, sludge disposal manifests  
Appendix E: Complete chain-of-custody records  
Appendix F: Copy of all laboratory analytical records  
Appendix G: Site Sensitivity Evaluation (SSE) (if applicable)  
Appendix H: Photographs of closure activities (optional)  
Appendix I: Geologic logs for excavation(s)



**SPATCO** Environmental, Inc.

FIGURE 1: SITE LOCATION MAP  
MOSS TRUCKING  
MAXTON, NC

WO #196-618  
DWG #

DATE: 11/1/96  
DRAWN BY: JCJ

# OLD HIGHWAY 74

□ EXISTING  
WATER WELL  
(NOT IN USE)



FENCE

FENCE

(2) 2,000 GALLON  
UST'S

[63.4]  
SS-1

[177]  
SS-2

SS-3  
[BDL]  
>BDL<

DI-2  
<25.1>  
(BDL)

SS-4  
[BDL]  
>BDL<

DI-1  
<1,730>  
(30.4)

BUILDING

EXCAVATION

<26.8>  
(BDL)

SS-8

EXCAVATION

SS-5  
<BDL>  
(BDL)

<BDL>  
(BDL)

SS-6

SS-7  
<6,690>  
(BDL)

(2) 6,000 GALLON  
DIESEL UST'S

## LEGEND:

⊙ SOIL SAMPLE LOCATION

## ANALYTICAL RESULTS:

[XXX] EPA METHOD 9071(mg/kg)

>XXX< EPA METHOD 8021(mg/kg)

(XXX) EPA METHOD 5030(mg/kg)

<XXX> EPA METHOD 3550(mg/kg)

BDL= BELOW DETECTION LIMITS

0 15 30 FT.

APPROXIMATE SCALE

**SPATCO** Environmental, Inc.

FIGURE 2: SITE MAP  
MOSS TRUCKING  
MAXTON, NC

WO #196-618  
DWG #MT0618F2

DATE: 11/4/96  
DRAWN BY: JCJ

**Table I. Field Screening / Soil Sample Results**

**Former Moss Trucking  
 Old Highway 74  
 Maxton, NC**

Sample #	Date	Time	Depth (feet)	OVA Units Not Filtered (ppm)	Method 5030 Extraction (mg/kg)	Method 3550 Extraction (mg/kg)	Method 9071 (mg/kg)	Method 8021 (mg/kg)
SS-1	10/16/96	13:20	11.5	--	NA	NA	63.4	NA
SS-2	10/16/96	13:25	11.5	--	NA	NA	177	NA
SS-3	10/16/96	14:25	11.5	--	NA	NA	BDL	BDL
SS-4	10/16/96	14:30	11.5	--	NA	NA	BDL	BDL
SS-5	10/16/96	18:50	12.5	10	BDL	BDL	NA	NA
SS-6	10/16/96	18:55	12.5	13	BDL	BDL	NA	NA
SS-7	10/17/96	09:40	12.5	200	<250	6,690	NA	NA
SS-8	10/17/96	09:45	12.5	6	BDL	26.8	NA	NA
DI-1	10/16/96	15:30	3	35	30.4	1,730	NA	NA
DI-2	10/16/96	15:45	3	10	BDL	25.1	NA	NA

Note: BDL= Below Detection Limits  
 NA=Not Applicable

APPENDIX A

GW/UST-3

## Notice of Intent: UST Permanent Closure or Change-In-Service

FOR  
TANKS  
IN  
NC

## Return Completed Form To:

The appropriate DEM Regional Office according to the county of the facility's location. [SEE REVERSE SIDE OF OWNER'S COPY (PINK) FOR REGIONAL OFFICE ADDRESS].

State Use Only

I. D. Number \_\_\_\_\_

Date Received \_\_\_\_\_

## INSTRUCTIONS

Complete and return five (5) working days prior to closure or change-in-service.

## I. OWNERSHIP OF TANK(S)

Tank Owner Name: Moss Trucking Co., Inc.(Corporation, Individual, Public Agency, or Other Entity)  
Street Address: P.O. Box 26125County: MecklenburgCity: Charlotte State: NC Zip Code: 28221Tele. No. (Area Code): (704) 372-3611

## II. LOCATION OF TANK(S)

Facility Name or Company: Southeast Specialty Haulers

Facility ID # (if available): \_\_\_\_\_

Street Address or State Road: Old 74 WestCounty: Scotland City: Maxton Zip Code: 28364Tele. No. (Area Code): (910) 844-3322

## III. CONTACT PERSON

Name: T. Bragg McLeodJob Title: Chairman of the BoardTelephone Number: (704) 372-3611

## IV. TANK REMOVAL, CLOSURE IN PLACE, CHANGE-IN-SERVICE

1. Contact Local Fire Marshall.
2. Plan the entire closure event.
3. Conduct Site Soil Assessments.
4. If Removing Tanks or Closing in Place refer to API Publications 2015 "Cleaning Petroleum Storage Tanks" & 1604 "Removal & Disposal of Used

- Underground Petroleum Storage Tanks".
5. Provide a sketch locating piping, tanks and soil sampling locations.
6. Fill out form GW/UST-2 "Site Investigation Report for Permanent Closure" and return within 30 days following the site investigation.

7. The **site assessment** portion of the tank closure must be conducted under the supervision of a Professional Engineer or Licensed Geologist. After January 1, 1994, all **closure site assessment reports must be signed and sealed by a P.E. or L.G.**
8. Keep closure records for 3 years.

## V. WORK TO BE PERFORMED BY:

(Contractor) Name: SPATCO Environmental, Inc.Address: 5100 North I-85, Ste. 7, Charlotte State: North CarolinaZip Code: 28206Contact: Mark BolandPhone: (704) 596-8624Primary Consultant: SPATCO Environmental, Inc.Phone: (704) 596-8624

## VI. TANK(S) SCHEDULED FOR CLOSURE OR CHANGE-IN-SERVICE

TANK ID#	TANK CAPACITY	LAST CONTENTS	PROPOSED ACTIVITY		
			CLOSURE		CHANGE-IN-SERVICE
			Removal	Abandonment In Place	New Contents Stored
1	6,000	Diesel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2	6,000	Diesel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3	2,000	Waste Oil/Motor Oil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4	2,000	Waste Oil/Motor Oil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	

## VII. OWNER OR OWNER'S AUTHORIZED REPRESENTATIVE

Print name and official title

Mark C. Boland, Project Engineer\*Scheduled Removal Date: 10/15/96Signature: [Signature]Date Submitted: 9/25/96

\*If scheduled work date changes, notify your appropriate DEM Regional Office 48 hours prior to originally scheduled date.

APPENDIX B

FOR  
TANKS  
IN  
NC

## Return Completed Form To:

The appropriate DEM Regional Office according to the county of the facility's location.  
[SEE MAP ON REVERSE SIDE OF OWNER'S COPY (PINK) FOR REGIONAL  
OFFICE ADDRESS].

State Use Only

I.D. Number \_\_\_\_\_

Date Received \_\_\_\_\_

## INSTRUCTIONS

Complete and return within (30) days following completion of site investigation.

## I. Ownership of Tank(s)

Owner Name: Moss Trucking Comp. Inc.

Corporation, Individual, Public Agency, or Other Entity

Street Address: P.O. Box 26125County: MecklenburgCity: Charlotte State: NC Zip Code: 28221Telephone Number: (704) 372-3611

(Area Code)

## II. Location of Tank(s)

Facility Name: Former Moss Trucking

(or Company)

Facility ID # (if available): \_\_\_\_\_

Street Address: old 74 West

(or State Road)

County: Scotland City: Maxton Zip Code: 28364Telephone Number: 010 884-3322

(Area Code)

## III. Contact Person

Name: T. Bragg McLeodJob Title: Chairman Of The BoardTel. No.: (704) 372-3611Closure Contractor: SPATCO EynAddress: 5100 N. I-85 Service Rd Chlt, NC Tel. No.: (704) 596-8624Primary Consultant: Mike ShawAddress: "Tel. No.: "

"

Lab: Hydrologic, IncAddress: Frankfort, KY

Tel. No.: \_\_\_\_\_

## IV. U.S.T. Information

## V. Excavation Condition

## VI. Additional Information Required

Tank No.	Size in Gallons	Tank Dimensions	Last Contents	Water In Excavation		Free Product		Notable Odor or Visible Soil Contamination	
				Yes	No	Yes	No	Yes	No
-1-	2,000-	64" x 12-							
1	6,000	8' x 16'	Diesel	X			X		X
2	6,000	8' x 16'	Diesel	X			X	X	
3	2,000	64" x 12	Waste Oil		X		X		X
4	2,000	64" x 12'	Unused Oil		X		X		X

See reverse side of pink copy (owner's copy) for additional information required by N.C. - DEM in the written report and sketch.

NOTE: The site assessment portion of the tank closure must be conducted under the supervision of a Professional Engineer or Licensed Geologist.

## VII. Check List (Check the activities completed)

## PERMANENT CLOSURE (For Removing or Abandoning-in-place)

- ☒ Contact local fire marshal.  
☒ Notify DEM Regional Office before abandonment.  
☒ Drain & flush piping into tank.  
☒ Remove all product and residuals from tank.  
☒ Excavate down to tank.  
☐ Clean and inspect tank.  
☒ Remove drop tube, fill pipe, gauge pipe, vapor recovery tank connections, submersible pumps and other tank fixtures.  
☒ Cap or plug all lines except the vent and fill lines.  
☒ Purge tank of all product & flammable vapors.  
☒ Cut one or more large holes in the tanks.  
☒ Backfill the area.

Date Tank(s) Permanently closed: -10/- 10/17/96

Date of Change-in-Service: \_\_\_\_\_

## ABANDONMENT IN PLACE

- ☐ Fill tank until material overflows tank opening.  
☐ Plug or cap all openings.  
☐ Disconnect and cap or remove vent line.  
☐ Solid inert material used - specify: \_\_\_\_\_

## REMOVAL

- ☒ Create vent hole.  
☒ Label tank.  
☒ Dispose of tank in approved manner.  
 Final tank destination: Nationwide Tank Disposal  
Charlotte, NC

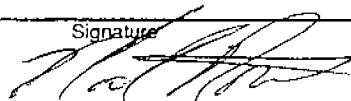
## VIII. Certification (Read and Sign)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Print name and official title of owner or owner's authorized representative

MARK Norris Geologist

Signature



Date Signed

10-30-96



APPENDIX C

**NATIONWIDE TANK DISPOSAL SERVICES**  
P.O. Box 23536  
Mint Hill, NC 28227-0272  
704-545-3139

# Certificate of Disposal

Tank # 96661

Size 2000

This is to certify that the above tank has been disposed of by Nationwide Tank Disposal in accordance with and exceeding EPA regulations on Petroleum Tank Disposal.  
On October 16, 1996 this tank was cut into 30" x 18' strips of steel scrap.

1	2000	gallon	UST, SPARTO Charlotte, NC. South East Sped. Hauling MORTON, NC
---	------	--------	--

Certified  
by



Date 10-17-96

**NATIONWIDE TANK DISPOSAL SERVICES**  
P.O. Box 23536  
Mine Hill, NC 28227-0272  
704-545-3139

# Certificate of Disposal

Tank # 96662

Size 2000

This is to certify that the above tank has been disposed of by Nationwide Tank Disposal in accordance with and exceeding EPA regulations on Petroleum Tank Disposal.  
On October 16, 1996 this tank was cut into 30" x 18' strips of steel scrap.

1	2000	gallon	UST, SPATCO Charlotte NC, SouthEast Spec Handling MaxTel NC
---	------	--------	---

Certified  
by



Date 10-17-96

**NATIONWIDE TANK DISPOSAL SERVICES**  
P.O. Box 23536  
Mint Hill, NC 28227-0272  
704-545-3139

# Certificate of Disposal

Tank # 96663

Size 6,000

This is to certify that the above tank has been disposed of by Nationwide Tank Disposal in accordance with and exceeding EPA regulations on Petroleum Tank Disposal.  
On October 17, 1996 this tank was cut into 30" x 18' strips of steel scrap.

1	6000	96663	Not Spilled, Charles NC, 507 East Spec Holding, MATHEW NC
---	------	-------	---

Certified  
by \_\_\_\_\_

Date 10-17-96

**NATIONWIDE** P.O. Box 23536  
**TANK** Mint Hill, NC 28227-0272  
704-545-3139  
**DISPOSAL SERVICES**

# Certificate of Disposal

Tank # 96664

Size 6,000

This is to certify that the above tank has been disposed of by Nationwide Tank Disposal in accordance with and exceeding EPA regulations on Petroleum Tank Disposal.  
On October 17, 1996 this tank was cut into 30" x 18' strips of steel scrap.

1 6000 barrel 457, Spoleo Charlotte NC, South East Ave, Charlotte, NC

Certified  
by



Date 10-17-96

APPENDIX D

APPENDIX E

FL9616493

## SPATCO Environmental - Chain of Custody Record

Page 1 of 1

CUSTOMER Farmer Moss TruckingSITE ADDRESS HWY 74 busMauck, NCBILLING ADDRESS SPATCO Env.Stewart, NCCherokee, NCATTENTION Patrick AloukLABORATORY USED Hydrologic

SHIPPING ADDRESS

ATTENTION

SHIPPING METHOD Pickup

AIRBILL #

WORK ORDER # 1910

SAMPLE ID.	SAMPLE LOCATION	TIME	DATE	SAMPLED BY	WATER CONTAINERS	TEMP.	PRES.	TURN-AROUND TIME	ANALYSES REQUESTED
SS-1	Top of Drainage	13:20	10-16-96	10-16-96	2	46C	-	5 days	9071
SS-2	"	13:25	10-16-96	10-16-96					9071
SS-3	Waste Oil	14:25	10-16-96	10-16-96					9071, 8021
SS-4	"	14:30	10-16-96	10-16-96					9071, 8021
DT-1	Dispersant Tank	14:35	10-16-96	10-16-96					5030, 5550
DT-2	Dispersant Tank	14:45	10-16-96	10-16-96					5030, 5550
SS-5	Pool	18:50	10-16-96	10-16-96					5030, 5550
SS-6	Pool	18:55	10-16-96	10-16-96					5030, 5550
SS-7	Drain	19:00	10-17-96	10-17-96					5030, 5550
SS-8	Drain	19:05	10-17-96	10-17-96					5030, 5550

390 6524 886

SPECIAL INSTRUCTIONS/REMARKS

RELINQUISHED BY:	DATE	TIME	RELINQUISHED BY:	DATE	TIME
<u>Patrick Alouk</u>	10-18-96	12:30	<u>Tania Hernandez</u>	10/18	15:20
RECEIVED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
<u>C. Carter</u>	10/18	15:00	<u>Tania Hernandez</u>	10/18	15:20
			<u>Jabitha O'Neil</u>	10-19	11:00

2



APPENDIX F

# HYDROLOGIC, INC.

COMPANY NAME: SPATCO - Charlotte  
COMPANY PROJECT NUMBER: FORMER MOSS TRUCKING-196  
HYDROLOGIC PROJECT NUMBER: FL9616493  
HYDROLOGIC SAMPLE NUMBER: 9616493  
HYDROLOGIC LAB ID #: 399  
SAMPLE IDENTIFICATION: SS-1  
DATE SAMPLED: 10/16/96

<u>ANALYSIS</u>	<u>DATE/TIME ANALYZED</u>	<u>METHOD</u>	<u>UNITS</u>	<u>SDL</u>	<u>RESULT</u>
Oil and Grease	10/22/96	TPH 9071	mg/kg	10.0	63.4

BDL = Below Sample Detection Limit  
SDL = Sample Detection Limit

COMMENTS:

# HYDROLOGIC, INC.

COMPANY NAME: SPATCO - Charlotte  
COMPANY PROJECT NUMBER: FORMER MOSS TRUCKING-196

HYDROLOGIC PROJECT NUMBER: FL9616493  
HYDROLOGIC SAMPLE NUMBER: 9616494  
HYDROLOGIC LAB ID #: 399  
SAMPLE IDENTIFICATION: SS-2  
DATE SAMPLED: 10/16/96

<u>ANALYSIS</u>	<u>DATE/TIME ANALYZED</u>	<u>METHOD</u>	<u>UNITS</u>	<u>SDL</u>	<u>RESULT</u>
Oil and Grease	10/22/96	TFH 9071	mg/kg	10.0	177

BDL = Below Sample Detection Limit  
SDL = Sample Detection Limit

COMMENTS:

# HYDROLOGIC, INC.

COMPANY NAME: SPATCO - Charlotte  
COMPANY PROJECT NUMBER: FORMER MOSS TRUCKING-196

HYDROLOGIC PROJECT NUMBER: FL9616493  
HYDROLOGIC SAMPLE NUMBER: 9616495  
HYDROLOGIC LAB ID #: 399  
SAMPLE IDENTIFICATION: SS-3  
DATE SAMPLED: 10/16/96

<u>ANALYSIS</u>	<u>DATE/TIME ANALYZED</u>	<u>METHOD</u>	<u>UNITS</u>	<u>SDL</u>	<u>RESULT</u>
Oil and Grease	10/22/96	TPH 9071	mg/kg	10.0	BDL

BDL = Below Sample Detection Limit  
SDL = Sample Detection Limit

COMMENTS:

# HYDROLOGIC, INC.

COMPANY NAME: SPATCO - Charlotte  
COMPANY PROJECT NUMBER: FORMER MOSS TRUCKING-196  
HYDROLOGIC PROJECT NUMBER: FL9616493  
HYDROLOGIC SAMPLE NUMBER: 9616495  
HYDROLOGIC LAB ID #: 399  
SAMPLE IDENTIFICATION: SS-3  
DATE SAMPLED: 10/16/96  
DATE EXTRACTED: N/A  
DATE/TIME ANALYZED: 10/25/96

## METHOD SW 846 8021

<u>ANALYSIS</u>	<u>CAS NO.</u>	<u>SDL</u> (mg/kg)	<u>RESULT</u> (mg/kg)
Benzene	71-43-2	0.005	BDL
Bromobenzene	108-86-1	0.005	BDL
Bromochloromethane	74-97-5	0.005	BDL
Bromodichloromethane	75-27-4	0.005	BDL
Bromoform	75-25-2	0.005	BDL
Bromomethane	74-83-9	0.005	BDL
n-Butylbenzene	104-51-8	0.005	BDL
sec-Butylbenzene	135-98-8	0.005	BDL
tert-Butylbenzene	98-06-6	0.005	BDL
Carbon Tetrachloride	56-23-5	0.005	BDL
Chlorobenzene	108-90-7	0.005	BDL
Chloroethane	75-00-3	0.005	BDL
Chloroform	67-66-3	0.005	BDL
Chloromethane	74-87-3	0.005	BDL
2-Chlorotoluene	95-45-8	0.005	BDL
4-Chlorotoluene	106-43-4	0.005	BDL
Dibromochloromethane	124-48-1	0.005	BDL
1,2-Dibromo-3-chloropropane	96-12-8	0.005	BDL
1,2-Dibromoethane	106-93-4	0.005	BDL
Dibromomethane	74-95-3	0.005	BDL
1,2-Dichlorobenzene	95-50-1	0.005	BDL
1,3-Dichlorobenzene	541-73-1	0.005	BDL
1,4-Dichlorobenzene	106-46-7	0.005	BDL
Dichlorodifluoromethane	75-71-8	0.005	BDL
1,1-Dichloroethane	75-34-3	0.005	BDL

# HYDROLOGIC, INC.

Page 2 continued

COMPANY NAME: SPATCO - Charlotte  
COMPANY PROJECT NUMBER: FORMER MOSS TRUCKING-196  
HYDROLOGIC PROJECT NUMBER: FL9616493  
HYDROLOGIC SAMPLE NUMBER: 9616495  
SAMPLE IDENTIFICATION: SS-3  
DATE SAMPLED: 10/16/96

## METHOD SW 846 8021

<u>ANALYSIS</u>	<u>CAS NO.</u>	<u>SDL</u> (mg/kg)	<u>RESULT</u> (mg/kg)
1,2-Dichloroethane	107-06-2	0.005	BDL
1,1-Dichloroethene	75-35-4	0.005	BDL
cis-1,2-Dichloroethene	156-59-4	0.005	BDL
trans-1,2-Dichloroethene	156-60-5	0.005	BDL
1,2-Dichloropropane	78-87-5	0.005	BDL
1,3-Dichloropropane	142-28-9	0.005	BDL
2,2-Dichloropropane	590-20-7	0.005	BDL
1,1-Dichloropropene	563-58-6	0.005	BDL
Ethylbenzene	100-41-4	0.005	BDL
Hexachlorobutadiene	87-68-3	0.005	BDL
Isopropylbenzene	98-82-8	0.005	BDL
p-Isopropyltoluene	99-87-6	0.005	BDL
Methylene Chloride	75-09-2	0.005	BDL
Naphthalene	91-20-3	0.005	BDL
n-Propylbenzene	103-65-1	0.005	BDL
Styrene	100-42-5	0.005	BDL
1,1,1,2-Tetrachloroethane	630-20-6	0.005	BDL
1,1,2,2-Tetrachloroethane	79-34-5	0.005	BDL
Tetrachloroethene	127-18-4	0.005	BDL
Toluene	108-88-3	0.005	BDL
1,2,3-Trichlorobenzene	87-61-6	0.005	BDL
1,2,4-Trichlorobenzene	120-82-1	0.005	BDL
1,1,1-Trichloroethane	71-55-6	0.005	BDL
1,1,2-Trichloroethane	79-00-5	0.005	BDL

# HYDROLOGIC, INC.

Page 3 continued

COMPANY NAME: SPATCO - Charlotte  
COMPANY PROJECT NUMBER: FORMER MOSS TRUCKING-196  
HYDROLOGIC PROJECT NUMBER: FL9616493  
HYDROLOGIC SAMPLE NUMBER: 9616495  
SAMPLE IDENTIFICATION: SS-3  
DATE SAMPLED: 10/16/96

METHOD SW 846 8021

<u>ANALYSIS</u>	<u>CAS NO.</u>	<u>SDL</u> (mg/kg)	<u>RESULT</u> (mg/kg)
Trichloroethene	79-01-6	0.005	BDL
Trichlorofluoromethane	75-69-4	0.005	BDL
1,2,3-Trichloropropane	96-18-4	0.005	BDL
1,2,4-Trimethylbenzene	95-63-6	0.005	BDL
1,3,5-Trimethylbenzene	108-67-8	0.005	BDL
Vinyl Chloride	75-01-4	0.005	BDL
m&p-Xylene		0.005	BDL
o-Xylene	95-47-6	0.005	BDL
Surrogate Recovery: BFB			102%

BDL = Below Sample Detection Limit  
SDL = Sample Detection Limit

COMMENTS:

# HYDROLOGIC, INC.

COMPANY NAME: SPATCO - Charlotte  
COMPANY PROJECT NUMBER: FORMER MOSS TRUCKING-196

HYDROLOGIC PROJECT NUMBER: FL9616493  
HYDROLOGIC SAMPLE NUMBER: 9616497  
HYDROLOGIC LAB ID #: 399  
SAMPLE IDENTIFICATION: SS-4  
DATE SAMPLED: 10/16/96

<u>ANALYSIS</u>	<u>DATE/TIME</u> <u>ANALYZED</u>	<u>METHOD</u>	<u>UNITS</u>	<u>SDL</u>	<u>RESULT</u>
Oil and Grease	10/22/96	TPH 9071	mg/kg	10.0	BDL

BDL = Below Sample Detection Limit  
SDL = Sample Detection Limit

COMMENTS:



# HYDROLOGIC, INC.

COMPANY NAME: SPATCO - Charlotte  
COMPANY PROJECT NUMBER: FORMER MOSS TRUCKING-196  
  
HYDROLOGIC PROJECT NUMBER: FL9616493  
HYDROLOGIC SAMPLE NUMBER: 9616497  
HYDROLOGIC LAB ID #: 399  
SAMPLE IDENTIFICATION: SS-4  
DATE SAMPLED: 10/16/96  
DATE EXTRACTED: N/A  
DATE/TIME ANALYZED: 10/25/96

## METHOD SW 846 8021

<u>ANALYSIS</u>	<u>CAS NO.</u>	<u>SDL</u> (mg/kg)	<u>RESULT</u> (mg/kg)
Benzene	71-43-2	0.005	BDL
Bromobenzene	108-86-1	0.005	BDL
Bromochloromethane	74-97-5	0.005	BDL
Bromodichloromethane	75-27-4	0.005	BDL
Bromoform	75-25-2	0.005	BDL
Bromomethane	74-83-9	0.005	BDL
n-Butylbenzene	104-51-8	0.005	BDL
sec-Butylbenzene	135-98-8	0.005	BDL
tert-Butylbenzene	98-06-6	0.005	BDL
Carbon Tetrachloride	56-23-5	0.005	BDL
Chlorobenzene	108-90-7	0.005	BDL
Chloroethane	75-00-3	0.005	BDL
Chloroform	67-66-3	0.005	BDL
Chloromethane	74-87-3	0.005	BDL
2-Chlorotoluene	95-45-8	0.005	BDL
4-Chlorotoluene	106-43-4	0.005	BDL
Dibromochloromethane	124-48-1	0.005	BDL
1,2-Dibromo-3-chloropropane	96-12-8	0.005	BDL
1,2-Dibromoethane	106-93-4	0.005	BDL
Dibromomethane	74-95-3	0.005	BDL
1,2-Dichlorobenzene	95-50-1	0.005	BDL
1,3-Dichlorobenzene	541-73-1	0.005	BDL
1,4-Dichlorobenzene	106-46-7	0.005	BDL
Dichlorodifluoromethane	75-71-8	0.005	BDL
1,1-Dichloroethane	75-34-3	0.005	BDL

# HYDROLOGIC, INC.

Page 2 continued

COMPANY NAME: SPATCO - Charlotte  
COMPANY PROJECT NUMBER: FORMER MOSS TRUCKING-196  
HYDROLOGIC PROJECT NUMBER: FL9616493  
HYDROLOGIC SAMPLE NUMBER: 9616497  
SAMPLE IDENTIFICATION: SS-4  
DATE SAMPLED: 10/16/96

## METHOD SW 846 8021

<u>ANALYSIS</u>	<u>CAS NO.</u>	<u>SDL</u> (mg/kg)	<u>RESULT</u> (mg/kg)
1,2-Dichloroethane	107-06-2	0.005	BDL
1,1-Dichloroethene	75-35-4	0.005	BDL
cis-1,2-Dichloroethene	156-59-4	0.005	BDL
trans-1,2-Dichloroethene	156-60-5	0.005	BDL
1,2-Dichloropropane	78-87-5	0.005	BDL
1,3-Dichloropropane	142-28-9	0.005	BDL
2,2-Dichloropropane	590-20-7	0.005	BDL
1,1-Dichloropropene	563-58-6	0.005	BDL
Ethylbenzene	100-41-4	0.005	BDL
Hexachlorobutadiene	07-68-3	0.005	BDL
Isopropylbenzene	98-82-8	0.005	BDL
p-Isopropyltoluene	99-07-6	0.005	BDL
Methylene Chloride	75-09-2	0.005	BDL
Naphthalene	91-20-3	0.005	BDL
n-Propylbenzene	103-65-1	0.005	BDL
Styrene	100-42-5	0.005	BDL
1,1,1,2-Tetrachloroethane	630-20-6	0.005	BDL
1,1,2,2-Tetrachloroethane	79-34-5	0.005	BDL
Tetrachloroethene	127-18-4	0.005	BDL
Toluene	108-88-3	0.005	BDL
1,2,3-Trichlorobenzene	87-61-6	0.005	BDL
1,2,4-Trichlorobenzene	120-82-1	0.005	BDL
1,1,1-Trichloroethane	71-55-6	0.005	BDL
1,1,2 Trichloroethane	79-00-5	0.005	BDL

# HYDROLOGIC, INC.

Page 3 continued

COMPANY NAME: SPATCO - Charlotte  
COMPANY PROJECT NUMBER: FORMER MOSS TRUCKING-196  
HYDROLOGIC PROJECT NUMBER: FL9616493  
HYDROLOGIC SAMPLE NUMBER: 9616497  
SAMPLE IDENTIFICATION: SS-4  
DATE SAMPLED: 10/16/96

## METHOD SW 846 8021

<u>ANALYSIS</u>	<u>CAS NO.</u>	<u>SDL</u> (mg/kg)	<u>RESULT</u> (mg/kg)
Trichloroethene	79-01-6	0.005	BDL
Trichlorofluoromethane	75-69-4	0.005	BDL
1,2,3-Trichloropropane	96-18-4	0.005	BDL
1,2,4-Trimethylbenzene	95-63-6	0.005	BDL
1,3,5-Trimethylbenzene	108-67-8	0.005	BDL
Vinyl Chloride	75-01-4	0.005	BDL
m&p-Xylene		0.005	BDL
o-Xylene	95-47-6	0.005	BDL
Surrogate Recovery: BFB			101%

BDL = Below Sample Detection Limit  
SDL = Sample Detection Limit

COMMENTS:

# HYDROLOGIC, INC.

COMPANY NAME: SPATCO - Charlotte  
COMPANY PROJECT NUMBER: FORMER MOSS TRUCKING-196  
  
HYDROLOGIC PROJECT NUMBER: FL9616493  
HYDROLOGIC SAMPLE NUMBER: 9616500  
HYDROLOGIC LAB ID #: 399  
SAMPLE IDENTIFICATION: SS-5  
DATE SAMPLED: 10/16/96  
DATE EXTRACTED: 10/23/96  
DATE/TIME ANALYZED: 10/24/96 10/25/96

## METHOD TPH 3550/5030

<u>ANALYSIS</u>	<u>CAS NO.</u>	<u>SDL</u> (mg/kg)	<u>RESULT</u> (mg/kg)
Diesel		10.0	BDL
Surrogate Recoveries:			
Nonane			76%
Pentacosane			119%
Gasoline		2.0	BDL
Surrogate Recovery:			
BFB			93%

BDL = Below Sample Detection Limit  
SDL = Sample Detection Limit

COMMENTS: \_\_\_\_\_

# HYDROLOGIC, INC.

COMPANY NAME: SPATCO - Charlotte  
COMPANY PROJECT NUMBER: FORMER MOSS TRUCKING-196

HYDROLOGIC PROJECT NUMBER: FL9616493  
HYDROLOGIC SAMPLE NUMBER: 9616501  
HYDROLOGIC LAB ID #: 399  
SAMPLE IDENTIFICATION: SS-6  
DATE SAMPLED: 10/16/96  
DATE EXTRACTED: 10/23/96  
DATE/TIME ANALYZED: 10/24/96 10/26/96

METHOD TPH 3550/5030

<u>ANALYSIS</u>	<u>CAS NO.</u>	<u>SDL</u> (mg/kg)	<u>RESULT</u> (mg/kg)
Diesel		10.0	BDL
Surrogate Recoveries:			
Nonane			66%
Pentacosane			112%
Gasoline		2.0	BDL
Surrogate Recovery:			
BFB			87%

BDL - Below Sample Detection Limit  
SDL = Sample Detection Limit

COMMENTS:

# HYDROLOGIC, INC.

COMPANY NAME: SPATCO - Charlotte  
COMPANY PROJECT NUMBER: FORMER MOSS TRUCKING-196

HYDROLOGIC PROJECT NUMBER: FL9616493  
HYDROLOGIC SAMPLE NUMBER: 9616502  
HYDROLOGIC LAB ID #: 399  
SAMPLE IDENTIFICATION: SS-7  
DATE SAMPLED: 10/16/96  
DATE EXTRACTED: 10/23/96  
DATE/TIME ANALYZED: 10/24/96 10/26/96

## METHOD TPH 3550/5030

<u>ANALYSIS</u>	<u>CAS NO.</u>	<u>SDL</u> (mg/kg)	<u>RESULT</u> (mg/kg)
Diesel		500	6690
Surrogate Recoveries:			
Nonane			BDL
Pentacosane			BDL
Gasoline		250	BDL
Surrogate Recovery:			
BFB			105%

BDL = Below Sample Detection Limit  
SDL = Sample Detection Limit

COMMENTS: COMPOUNDS WITH ELEVATED SDL ARE DUE TO A SAMPLE DILUTION.

# HYDROLOGIC, INC.

COMPANY NAME: SPATCO - Charlotte  
COMPANY PROJECT NUMBER: FORMER MOSS TRUCKING-196  
HYDROLOGIC PROJECT NUMBER: FL9616493  
HYDROLOGIC SAMPLE NUMBER: 9616503  
HYDROLOGIC LAB ID #: 399  
SAMPLE IDENTIFICATION: SS-8  
DATE SAMPLED: 10/16/96  
DATE EXTRACTED: 10/23/96  
DATE/TIME ANALYZED: 10/24/96 10/25/96

## METHOD TPH 3550/5030

<u>ANALYSIS</u>	<u>CAS NO.</u>	<u>SDL</u> (mg/kg)	<u>RESULT</u> (mg/kg)
Diesel		10.0	26.8
Surrogate Recoveries:			
Nonane			65%
Pentacosane			118%
Gasoline		2.0	BDL
Surrogate Recovery:			
BFB			89%

BDL = Below Sample Detection Limit  
SDL = Sample Detection Limit

COMMENTS:

# HYDROLOGIC, INC.

COMPANY NAME: SPATCO - Charlotte  
COMPANY PROJECT NUMBER: FORMER MOSS TRUCKING-196

HYDROLOGIC PROJECT NUMBER: FL9616493  
HYDROLOGIC SAMPLE NUMBER: 9616498  
HYDROLOGIC LAB ID #: 399  
SAMPLE IDENTIFICATION: DI-1  
DATE SAMPLED: 10/16/96  
DATE EXTRACTED: 10/23/96  
DATE/TIME ANALYZED: 10/23/96 10/25/96

## METHOD TPH 3550/5030

<u>ANALYSIS</u>	<u>CAS NO.</u>	<u>SDL</u> (mg/kg)	<u>RESULT</u> (mg/kg)
Diesel		10.0	1730
Surrogate Recoveries: Nonane			74%
Gasoline		2.0	30.4
Surrogate Recovery: BFB			100%

BDL = Below Sample Detection Limit  
SDL = Sample Detection Limit

COMMENTS:



# HYDROLOGIC, INC.

COMPANY NAME: SPATCO - Charlotte  
COMPANY PROJECT NUMBER: FORMER MOSS TRUCKING-196

HYDROLOGIC PROJECT NUMBER: FL9616493  
HYDROLOGIC SAMPLE NUMBER: 9616499  
HYDROLOGIC LAB ID #: 399  
SAMPLE IDENTIFICATION: DI-2  
DATE SAMPLED: 10/16/96  
DATE EXTRACTED: 10/23/96  
DATE/TIME ANALYZED: 10/24/96 10/25/96

## METHOD TPH 3550/5030

<u>ANALYSIS</u>	<u>CAS NO.</u>	<u>SDL</u> (mg/kg)	<u>RESULT</u> (mg/kg)
Diesel		10.0	25.1
Surrogate Recoveries:			
Nonane			66%
Pentacosane			118%
Gasoline		2.0	BDL
Surrogate Recovery:			
BFB			95%

BDL = Below Sample Detection Limit  
SDL = Sample Detection Limit

COMMENTS:

APPENDIX G

# Site Sensitivity Evaluation (SSE)

## Site Characteristics Evaluation (Step 1)

<i>Mass Trucking</i>			
Characteristic	Condition	Rating	
Grain Size*	Gravel Sand Silt Clay	150 100 50 0	100
Are relict structures, elementary structures, and/or textures present in the zone of contamination and underlying "soils"?	Present and intersecting the water table.  Present but <u>not</u> intersecting the water table.  None present.	10  5  0	0
Distance from location of deepest contaminated soil** to water table.	0 - 5 feet (C, D & E sites only) 5 - 10 feet >10 - 40 feet > 40 feet	20 20 10 0	20
Is the top of bedrock or transmissive indurated sediments located above the water table?	Yes No	20 0	0
Artificial conduits present within the zone of contamination.	Present and intersecting the water table. Present but <u>not</u> intersecting the water table. Not present.	10 5 0	0

Total Site Characteristics Score: **120**

\* Predominant grain size based on Unified Soil Classification System or U.S. Dept. of Agriculture's Soil Classification Method.  
 \*\* (>10 ppm TPFH by Method 5030; >40 ppm TPFH by Method 3550; >250 ppm O&G by Method 9071)

# Site Sensitivity Evaluation (SSE)

Initial Cleanup Level  
(Step 2)

Final Cleanup Level  
(Step 3)

EPA Method 5030 for  
Low Boiling Point Hydrocarbons  
such as Gasoline, Aviation Fuels, Gasohol

Total Site  
Characteristics  
Score

Initial Cleanup  
Level TPFH (ppm)

Category A & B  
(Multiply initial  
cleanup level by 1)

1 x \_\_\_\_\_ = \_\_\_\_\_ ppm

Final  
Cleanup  
Level

>150	≤10
121-150	20
91-120	40
61-90	60
31-60	80
0-30	100

Select  
Site  
Category\*

Category C & D  
(Multiply initial  
cleanup level by 2)

2 x 40 = 80 ppm

Category E  
(Multiply initial  
cleanup level by 3)

3 x \_\_\_\_\_ = \_\_\_\_\_ ppm

EPA Method 3550 for  
High Boiling Point Hydrocarbons  
such as Kerosene, Diesel, Varsol, Mineral Spirits, Naphtha

Total Site  
Characteristics  
Score

Initial Cleanup  
Level TPFH (ppm)

Category A & B  
(Multiply initial  
cleanup level by 1)

1 x \_\_\_\_\_ = \_\_\_\_\_ ppm

Final  
Cleanup  
Level

>150	≤40
121-150	80
91-120	160
61-90	240
31-60	320
0-30	400

Select  
Site  
Category\*

Category C & D  
(Multiply initial  
cleanup level by 2)

2 x 160 = 320 ppm

Category E  
(Multiply initial  
cleanup level by 3)

3 x \_\_\_\_\_ = \_\_\_\_\_ ppm

EPA Method 9071 for  
Heavy Fuels - Oil & Grease (O&G)  
such as Fuel Oil #4, #5, #6, Motor Oil, Hydraulic Fluid

Total Site  
Characteristics  
Score

Initial Cleanup  
Level O&G (ppm)

Category A & B  
(Multiply initial  
cleanup level by 1)

1 x \_\_\_\_\_ = \_\_\_\_\_ ppm

Final  
Cleanup  
Level

>150	≤250
121-150	400
91-120	550
61-90	700
31-60	850
0-30	1000

Select  
Site  
Category\*

Category C & D  
(Multiply initial  
cleanup level by 2)

2 x 550 = 1,100 ppm

Category E  
(Multiply initial  
cleanup level by 3)

3 x \_\_\_\_\_ = \_\_\_\_\_ ppm

\* See Site Category Descriptions, Table 3

3/10/93

TABLE 3

SSE SITE CATEGORY DESCRIPTIONS

CATEGORY A (Site meets any one of the criteria)

1. Water supply well(s) contaminated and not served by accessible public water supply.
2. Vapors present in confined areas at explosive or health concern levels.
3. Treated surface water supply in violation of the safe drinking water standards.

CATEGORY B (Site meets any one of the criteria)

1. Water supply well(s) contaminated, but served by accessible public water supply.
2. Water supply well(s) within 1500 feet of site, but not contaminated and not served by accessible public water supply.
3. Vapors present in confined areas but not at explosive or health concern levels.

CATEGORY C (Site meets both of the criteria)

1. No known water supply well(s) contaminated.
2. Water supply well(s) greater than 1500 feet from site but not served by accessible public water supply.

CATEGORY D (Site meets both of the criteria)

1. No known water supply well(s) contaminated.
2. Water supply well(s) within 1500 feet of site but served by accessible public water supply.

CATEGORY E (Site meets both of the criteria)

1. No known water supply well(s) contaminated or within 1500 feet of site.
2. Area served by accessible public water supply.

## APPENDIX H



Waste Management  
ENVIRONMENTAL QUALITY

PAT MCCRORY

Governor

DONALD R. VAN DER VAART

Secretary

LINDA CULPEPPER

Director

November 24, 2015

Attn: Terminal Manager  
Schneider National Carriers, Inc.  
2420 Starita Road  
Charlotte, NC 28269

Re: Notice of No Further Action  
15A NCAC 2L .0106  
Corrective Action

*Schneider Truck Accident  
NC Highway 74 West (MM 190)  
Maxton, Scotland County, NC  
Incident Number: 90189  
Ranking: Low*

Dear Sir or Madam:

The Initial Assessment Report received by the UST Section, Division of Waste Management, Fayetteville Regional Office on November 16, 2015 has been reviewed. A review of the report indicates that subsequent to excavation, remaining soil contamination does not exceed the soil-to-groundwater maximum soil contaminant concentrations (MSCCs).

Based on information provided to date, the UST Section determines that no further action is warranted for this incident. This determination shall apply unless the UST Section later finds that the discharge or release poses an unacceptable risk or a potentially unacceptable risk to human health or the environment.

This No Further Action determination applies only to the subject incident; for any other incidents at the subject site, the responsible party must continue to address contamination as required.

If you have any questions regarding this notice, please contact Kenneth Currie at the address below or (910) 433-3347.

Sincerely,

Wayne Randolph, Regional Supervisor  
Fayetteville Regional Office  
UST Section, Division of Waste Management

c: Schneider National Carriers, Inc., P.O. Box 2545, Green Bay, WI 54306-2545  
Mr. Bengie Hair, Director, Scotland County Health Department (*via email attachment*)  
Mr. Bill Frederick, Highlands Environmental Solutions, Inc., Raleigh, NC (*via email attachment*)



State of North Carolina | Environmental Quality | Waste Management  
225 Green Street | Suite 714 | Fayetteville, NC 28301

# Maxton SLS No. 7 904 US 75 Bus

January 1993  
Source: USGS

Legend

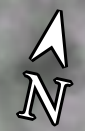


Google Earth

Image U.S. Geological Survey



200 ft

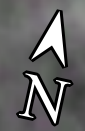




# Maxton SLS No. 7 904 US 75 Bus

February 1999  
Source: USGS

Legend





# Maxton SLS No. 7 904 US 75 Bus

July 2006  
Source: USDA

Legend



Google Earth

Image USDA/FPAC/GEO



200 ft





# Maxton SLS No. 7 904 US 75 Bus

December 2011  
Source: Google Earth

Legend



Google Earth

N Brookland St

S Brooklyn St



200 ft

BUS  
74

BUS  
74



# Maxton SLS No. 7 904 US 75 Bus

January 2015  
Source: Google Earth

Legend





# Maxton SLS No. 7 904 US 75 Bus

October 2017  
Source: Google Earth

Legend





**Maxton Sewer Lift Station No. 10**  
**627 NC Highway 71N, Maxton, NC 28364**

**INFRASTRUCTURE NEPA REVIEW QUESTIONNAIRE & SITE VISIT**

**Project Name:** Town of Maxton Generators

**Address(es):** L.S. No. 10, 627 NC Highway 71N, Maxton, NC 28364

**HUD Program:** North Carolina Hurricane Matthew Recovery Program

**HUD Funding Amount:** \$688,600.00

**Non-HUD Program:** \$0.00

**Non-HUD Funding Amount:** \$0.00

**Non-HUD Funding Source:** \$0.00

**Non-HUD Funding Amount:** \$0.00

**Non-HUD Funding Source:** \$0.00

**Non-HUD Funding Amount:** \$0.00

**Project Description:** Town of Maxton and Robeson County seeks to install auxiliary power generator at the subject site. Current improvements on site consist of aboveground (Fiberglass case housing lift-station switching and monitoring instrumentation, control panels, and sensing equipment) and underground (sewer lift station) infrastructure. Improvements will include the purchase of generator equipment, to include automatic transfer switching capability, underground connections to lift station equipment, and ground-disturbing activities on which to mount the generator.

**State/Local Identifier:** 81 FR 83254, 11-21-16; 82 FR 5591, 1-18-17

<b>Type of Facility</b>	<input checked="" type="checkbox"/> Public owned <input type="checkbox"/> Industrial <input type="checkbox"/> Commercial <input type="checkbox"/> Residential
<b>Land Use Type and # Units</b> (check all that apply)	<input type="checkbox"/> Single Family Residential <input type="checkbox"/> Multi-family Residential <input type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Public services <input type="checkbox"/> Vacant, list previous use:
<b>Names of Non-residential Tenants on the Property and # Units</b> (Companies, Organizations, Public Services, Vacant and if for lease, etc.)	Town of Maxton, NC. Site of Lift Station No. 10, administered by Town of Maxton Waste Water Treatment Board.
<b>Project Type</b> (check all that apply)	<input type="checkbox"/> Acquisition of Property <input type="checkbox"/> Demolition <input checked="" type="checkbox"/> New Construction (Generator Pad & Connection Trenching) <input type="checkbox"/> Rehabilitation of Existing <input type="checkbox"/> Expansion of Existing <input type="checkbox"/> Replacement of Existing <input type="checkbox"/> Relocation <input type="checkbox"/> Leasing

	<input checked="" type="checkbox"/> Machinery and Equipment (Generator & Accouterments) <input type="checkbox"/> Other, explain:
<b>Other Non-HUD Funding will be Used for this Project</b>	<input type="checkbox"/> Yes, list source(s) and amount: <input checked="" type="checkbox"/> No
<b>Reason/Need for Project</b>	Provide Auxiliary Power availability in the event of primary power loss, allowing for waste water processing.
<b>Project Location and Project Plans</b>	Attach site plans, if available. Plans are: <input type="checkbox"/> Pending <input type="checkbox"/> Preliminary <input checked="" type="checkbox"/> 30% or other %: 95%: See Available Drawings, HERE: <a href="#">DPS ReBuildNC PMO - Construction Services - Bidding Phase - All Documents (sharepoint.com)</a> <input type="checkbox"/> Final <input type="checkbox"/> If no plans are available, draw on tax maps (to be provided.) Please verify correct parcels and street addresses identified on tax maps.
<b>Square Footage of Project</b>	
<b>Soil Disturbance from Project</b>	<input checked="" type="checkbox"/> Yes, cause and depth: Proposed construction will consist of poured concrete pad, approximately 10' in length, 6' in width, and 8" in depth. Pad will contain reinforced steel and will house generator, battery charger, and block heater. Connections to adjacent equipment housing will be via underground trench. <input type="checkbox"/> No <input type="checkbox"/> Unknown
<b>Fill Needed for Project</b>	<input type="checkbox"/> Yes, source: <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown
<b>Site Inspections and/or Site Photographs</b>	<input checked="" type="checkbox"/> Yes, please attach. <a href="#">DPS ReBuildNC PMO - LS No. 10 Photos - All Documents (sharepoint.com)</a> <input type="checkbox"/> Pending <input type="checkbox"/> No
<b>Past Use of Site</b>	<input type="checkbox"/> Used as a dump, sanitary landfill or mine waste disposal area? No <input checked="" type="checkbox"/> Other: Present use is sewage lift station infrastructure. No previous development on site.
<b>Environmental Inspections</b> (Check all that apply. Identify if completed or pending and attach, if available. Include if previously done for site)	<input checked="" type="checkbox"/> None <input type="checkbox"/> Phase I ESA <input type="checkbox"/> Phase 2 ESA/Limited Site or Remedial Investigation (soils test) <input type="checkbox"/> Phase 3 ESA <input type="checkbox"/> Vapor Testing <input type="checkbox"/> Phase I Archeological Survey



	<input type="checkbox"/> Asbestos Inspection <input type="checkbox"/> Lead Inspection <input type="checkbox"/> Noise Assessment <input type="checkbox"/> Traffic Study <input type="checkbox"/> H&H Study <input type="checkbox"/> Other:
<b>Historic Properties</b>	<input checked="" type="checkbox"/> Year Structure Built: 1980 <input type="checkbox"/> Year Developed <input type="checkbox"/> Identified Historical Building or Property (onsite or adjacent?)
<b>Aboveground (AST) or Underground (UST) Storage Tanks Onsite, adjacent or proposed?</b>	<input type="checkbox"/> Yes, type and gallons, if known <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown <input type="checkbox"/> Offsite, if known
<b>Other Hazardous Materials used onsite</b> (Large Quantity Chemicals, Fuels, etc.)	List, if known: None noted
<b>Permits Required for Project</b> (Identify Type, Status and attach if available)	<input checked="" type="checkbox"/> Yes, list type and status: Local Construction Permit, to be coordinated by successful electrical contractor. <input type="checkbox"/> No <input type="checkbox"/> Unknown/TBD
<b>If New Construction, connecting to existing utilities</b> (sewer and water), <b>energy efficient</b>	<input checked="" type="checkbox"/> Yes – connecting to existing power panels with intervening ATS. <input type="checkbox"/> No, explain:
<b>Parks Located Nearby</b>	<input type="checkbox"/> Yes, type: <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown
<b>Wetland, Lake, River or Ocean on or adjacent to site</b>	<input checked="" type="checkbox"/> Yes Type and Location: R5UBFx (Riverine) Wetland Area traverses site west-to-east, outside proposed ground disturbance area, but within property boundary. On observation, there is no evidence of moist soils on site.
<b>Transportation at the Site</b> (note if adding/upgrading/using existing)	<input type="checkbox"/> Sidewalks <input type="checkbox"/> Bike Paths <input type="checkbox"/> Bus Access <input type="checkbox"/> Train Access Project site abuts Gospel Road on North and NC71 on East.
<b>Agency Consults already completed? Previous NEPA review completed?</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown

<b>Other adjacent properties owned by same Subrecipient?</b>	<input type="checkbox"/> Yes, and Addresses:  <input checked="" type="checkbox"/> No
<b>Other projects on site or adjacent property by Subrecipient not included in Project Description/ Environmental Review?</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown
<b>Private or Non-HUD funds committed before NEPA done? (<i>Choice Limiting Action</i>)</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown

## Site Suitability, Access, and Compatibility with Surrounding Development

for recording impacts considered under Item 26 of HUD-Form 4128

Project Name	Investigator(s)	Site Visit Date
Maxton Generators	B. Blankenship	01/14/2023

### ZONING

**Is the project in compliance or conformance with local zoning?**

<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No (explain)	Municipal-Owned WWTP Lift Station Site
<input type="checkbox"/>			Not applicable (explain)	

### SITE OBSERVATIONS

#### Soil Stability, Erosion, and Drainage

**Describe slope at project site (Steep, Moderate, Slight, Level):**

Less than 1 percent slope from NC71 to project site.

**\*Check** those features that were observed on or adjacent to the property at the time of the visit.

Natural Hazards			
No	Faults, fractures	No	Slope-failures from rains
No	Cliffs, bluffs, crevices	No	Hazardous terrain features
No	Evidence of slope erosion	No	High water table
No	Unstable slope conditions		Other (Specify):

Check all items that apply:

Wetlands Onsite or Adjacent			
X	Drainage ways		Marsh, bogs, swamps
	Streams, Rivers		Ponds
	Coastline		Lake

<b>Explain Wetlands onsite or adjacent below:</b>			
R5UBFx (Riverine) Wetland Area traverses site west-to-east, outside proposed ground disturbance area, but within property boundary. On observation, there is no evidence of moist soils on site.			
<b>Toxic Chemicals and Contamination Onsite or Adjacent</b>			
No	Distressed Vegetation	No	Abandoned Machinery, Cars, etc.
No	Oil/Chemical Spill(s)	No	Transformers
No	Soil Staining, Pools of Liquid	X	Fill Vent Pipes, Pipelines
No	Fire hazard materials	No	Railroad Terminal or Crossing
No	Hazards in vacant lots	No	Other hazardous chemical storage
No	AST and/or UST ( <i>Below</i> )	No	Loose /Empty Barrels
No	Quarries or other excavations	No	Dumps/sanitary landfills or mining
No	Unsightly land uses	No	Inadequate screened drainage catchments
No	Gas, smoke, fumes	No	Odors
No	High pressure gas or liquid petroleum transmission lines on site		Other (Specify) 1. Sewer Lift Station with underground pipe connections; 2) Stormwater Drain with cover slab; 3) Grass-covered gravel driveway; 4) Security fencing topped with barbwire.
<b>Explain Toxic Chemical and Contamination onsite or adjacent below:</b>			

## **Above Ground Storage Tanks**

Are any above ground storage tanks visible from the site?

☐ Yes      ☒ No

If yes, are these tanks 100-gallons or larger?

☐ Yes      ☒ No

List Visible Tanks				
Tank Location	Tank Contents	Tank Size	Flammable? (Yes or No)	Pressurized? (Yes or No)
Not Applicable				

Proposed mitigation strategies (concrete pad, barrier, etc.) if siting of any tanks?
Not Applicable

## **Underground Storage Tanks**

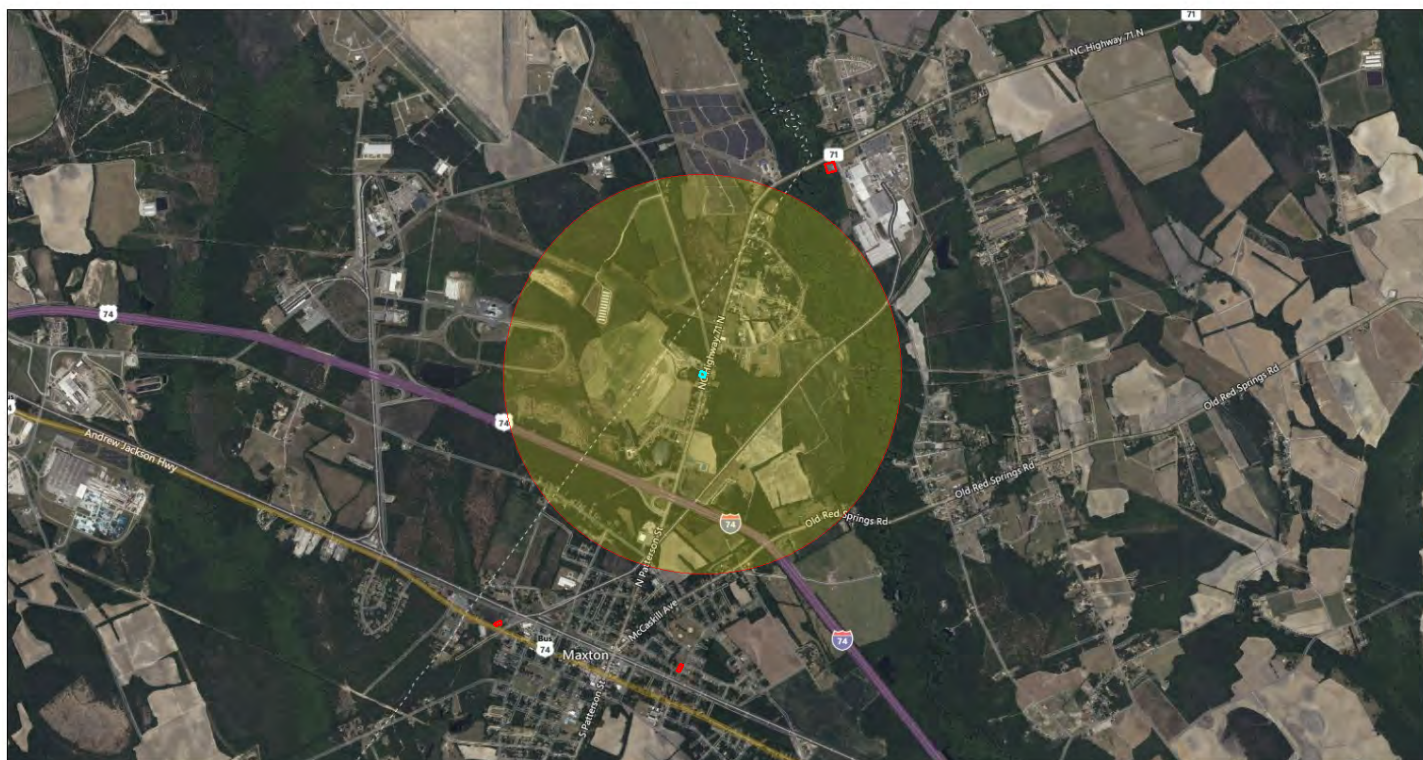
List visible tanks				
Tank Location	Tank Contents	Tank Size	Flammable? (Yes or No)	Pressurized? (Yes or No)
Not Applicable				

\_\_\_\_\_  
Lead Investigator's Signature

\_\_\_\_\_  
Date

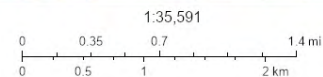
# NEPAssist Report

## Maxton Sewer Lift Station No. 10, 627 NC Highway 71N, Maxton, NC 28364 - 1-mile Buffer



January 30, 2023

- Project Buffer
- Maxton Sewer Lift Station No. 11, 2074 NC Highway 71N, Maxton, NC 28364 - 1-mile Buffer
- Maxton Sewer Lift Station No. 10, 627 NC Highway 71N, Maxton, NC 28364 - 1-mile Buffer
- Maxton Sewer Lift Station No. 7, 904 US 74 BUS, Maxton, NC 28364
- Maxton Sewer Lift Station No. 5, 303 N Hooper St



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Input Coordinates: 34.758097,-79.340245,34.757758,-79.340356,34.757857,-79.340828,34.758224,-79.340691,34.758097,-79.340245

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

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

Created on: 1/30/2023 10:52:01 AM



# NEPAssist Report

## Maxton Sewer Lift Station No. 10, 627 NC Highway 71N, Maxton, NC 28364 - 0.5-mile Buffer



January 30, 2023

Project Buffer

Maxton Sewer Lift Station No. 10, 627 NC Highway 71N, Maxton, NC 28364 - 0.5-mile Buffer

1:17,796

0 0.17 0.35 0.7 mi  
0 0.28 0.55 1.1 km

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Distribution Airbus DS © 2022 TomTom

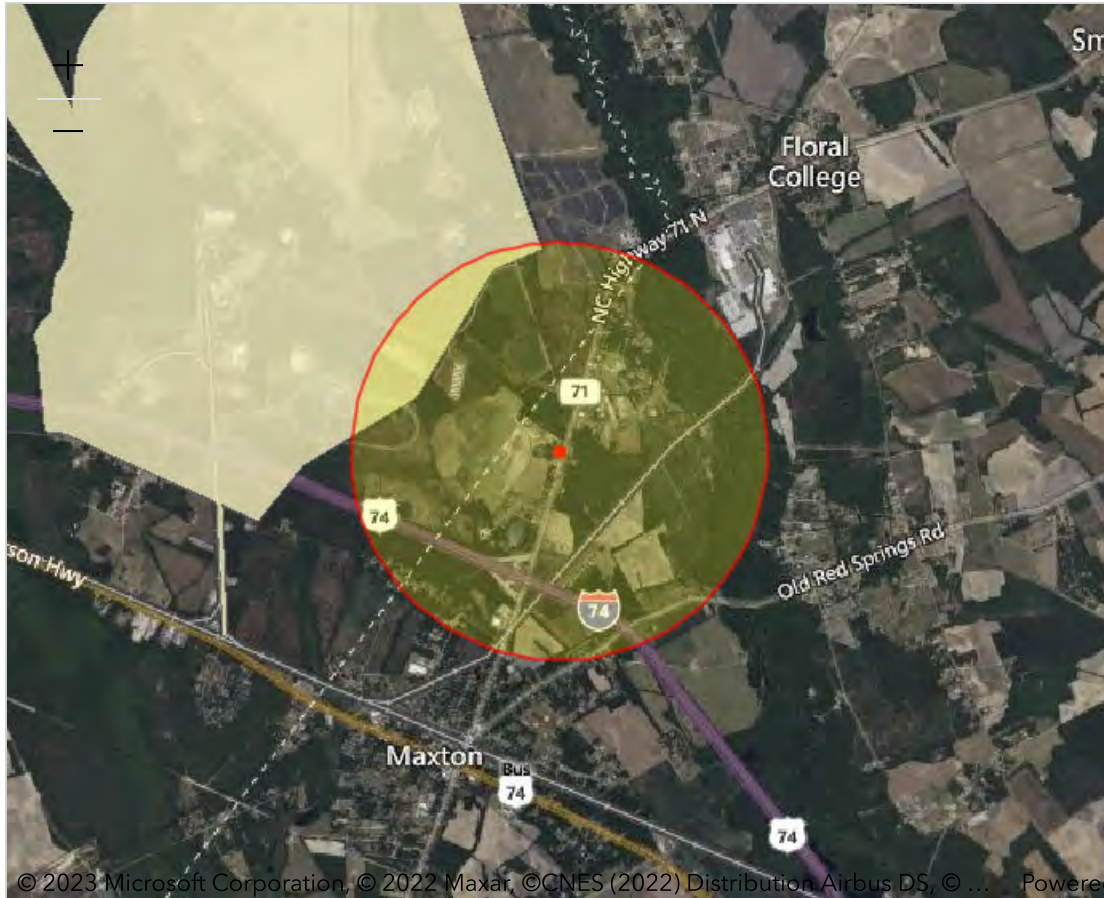
Input Coordinates: 34.758097,-79.340245,34.757758,-79.340356,34.757857,-79.340828,34.758224,-79.340691,34.758097,-79.340245

Project Area	0.00 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?	no
Within 0.5 miles of an impaired waterbody?	no
Within 0.5 miles of a waterbody?	no
Within 0.5 miles of a stream?	yes
Within 0.5 miles of an NWI wetland?	Available Online
Within 0.5 miles of a Brownfields site?	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?	no
Within 0.5 miles of an air emission facility?	no
Within 0.5 miles of a school?	no
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
Within 0.5 miles of a Public Property Boundary of the Formerly Used Defense Sites?	no
Within 0.5 miles of a Munitions Response Site?	no
Within 0.5 miles of an Essential Fish Habitat (EFH)?	no
Within 0.5 miles of a Habitat Area of Particular Concern (HAPC)?	no
Within 0.5 miles of an EFH Area Protected from Fishing (EFHA)?	no
Within 0.5 miles of a Bureau of Land Management Area of Critical Environmental Concern?	no
Within 0.5 miles of an ESA-designated Critical Habitat Area per U.S. Fish & Wildlife Service?	no
Within 0.5 miles of an ESA-designated Critical Habitat river, stream or water feature per U.S. Fish & Wildlife Service?	no

Created on: 1/30/2023 11:32:09 AM



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Report question: **Within 1 mile of a Public Property Boundary of the Formerly Used Defense Sites?** yes

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

<input type="text" value="1"/>	<input type="text" value="miles"/>	<input type="button" value="Submit"/>
--------------------------------	------------------------------------	---------------------------------------

Features within Study Area

Features found: 1

Name

Distance

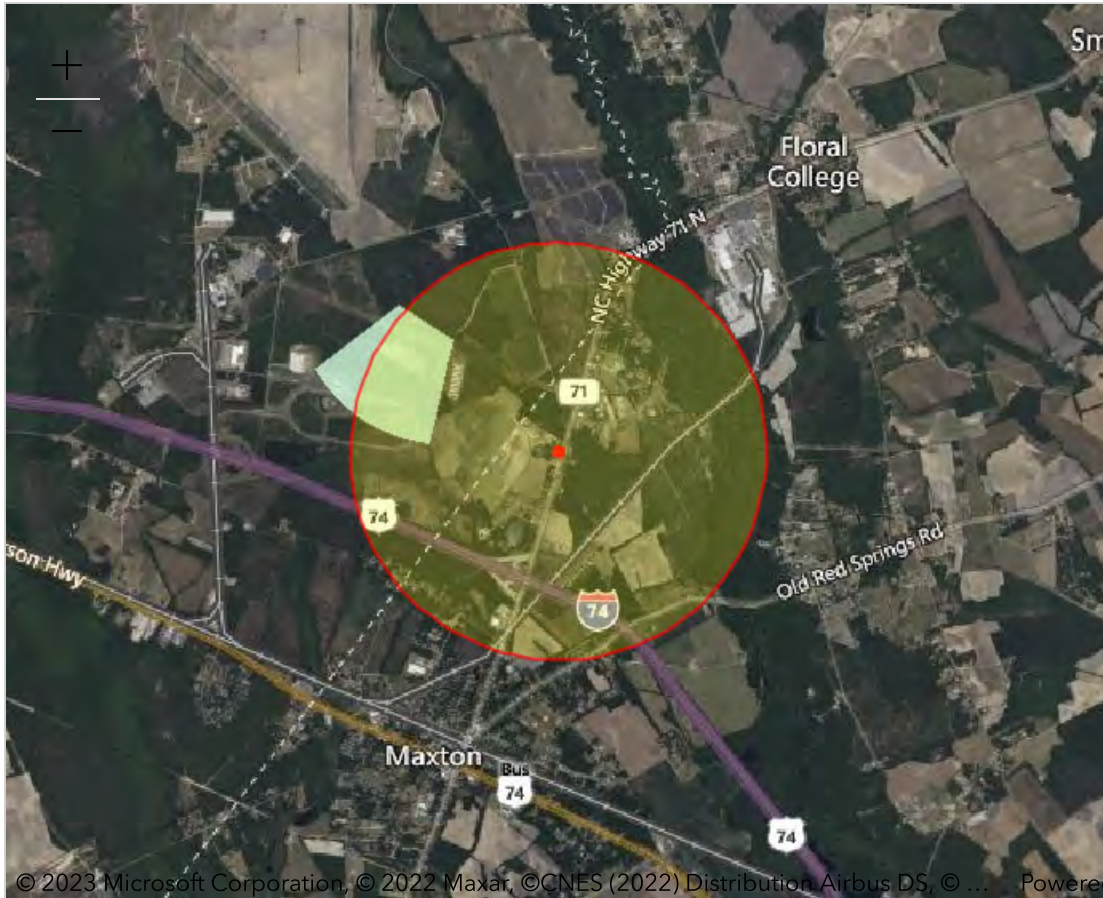
**Name**☐ LAURINBURG-MAXTON AB**Distance**

0.72 mile

**CLOSESTCIT:** LAURINBURG**CONGRESSIO:** 08**COUNTY:** SCOTLAND**CURRENTOWN:** Local Government**DODFUDSPRO:****ELIGIBILIT:** Eligible**EMSMGMTACT:** <https://fudsportal.usace.army.mil/ems/inventory/map?id=56381>**EPAREGION:** 04**FEATUREDES:****FEATURENAM:** LAURINBURG-MAXTON AB**FUDSINSTAL:** NC49799F482900**FUDSUNIQUE:** I04NC0019**HASPROJECT:** Yes**LATITUDE:** 34.78666667**LONGITUDE:** -79.36194444**MEDIAID:****METADATAID:****NOFURTHERA:****PROJECTREQ:****SDSID:****SITEELIGIB:** Eligible**STATE:** nc**STATUS:** Properties with projects**STATUSCODE:** Not Listed**USACEDISTR:** sas**FISCALYEAR:** 2020**USACEDIVIS:** sad

**PROPERTYHI:** The site was used as a glider base and training site. Since WW II the site has been used as a local airport and industrial park. This property is known or suspected to contain military munitions and explosives of concern and therefore may present an expl

**Shape\_\_Are:** 0.001981524215807**Shape\_\_Len:** 0.269975387359066**Shape\_\_Length:** 0.269975390023538**Shape\_\_Area:** 0.001981524200140525



Report question: **Within 1 mile of a Munitions Response Site?** yes

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

miles

▼

Submit

Features within Study Area

Features found: 1

Name

Distance

Name

Distance

☐ Bazooka Range

0.60 mile

**FEATUREDES:**  
**FEATURENAM:** Bazooka Range  
**FUDSINSTAL:** NC49799F482900  
**MEDIAID:**  
**SDSID:**  
**FISCALYEAR:** 2022  
**USACEDIVIS:** SAD  
**USACEDISTR:** sas  
**DERPPROGRA:** mmrp  
**DODFORMERL:** LAURINBURG-MAXTON AB  
**ENVIRONMEN:** 06  
**ENVRESTORA:** I04NC001903R01  
**FUDSPROPER:** I04NC0019  
**FUDSSITEID:** 06  
**OFFICIALSI:**  
**PROJECTCAT:**  
**PROJECTNUM:** I04NC001906  
**PROJECTSTA:** investigation  
**RELATIVEPR:**  
**STATEORTER:** nc  
**Shape\_\_Are:** 0.00007134254588  
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**Shape\_Area:** 0.00007134255163434199



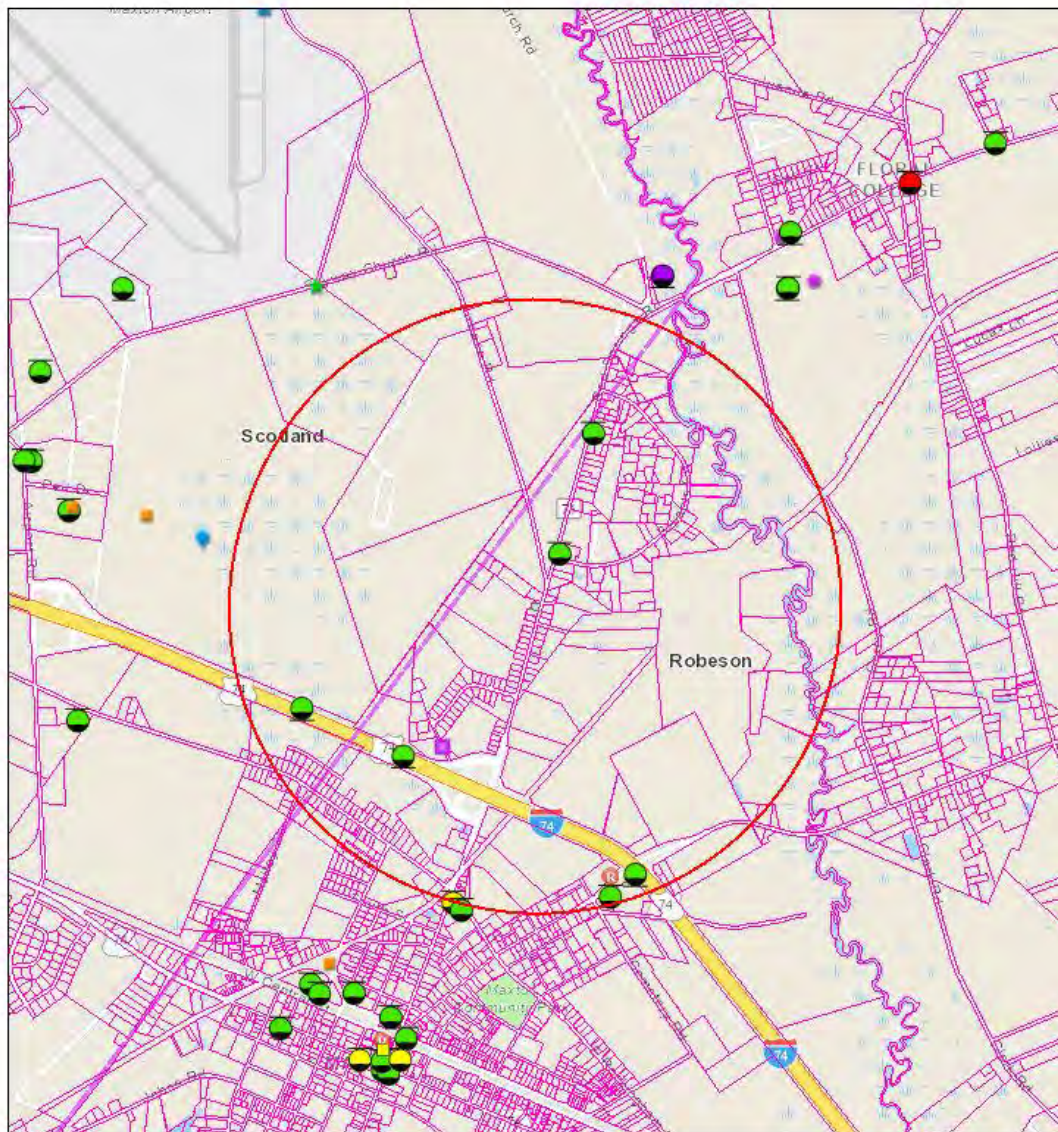


# Screening Report - Maxton SLS No. 10, 627 NC Highway 71N 1-mi

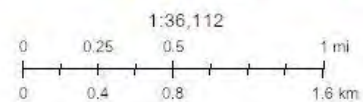
## Area of Interest (AOI) Information

Area : 90,547,001.26 ft<sup>2</sup>

Jan 30 2023 17:15:39 Eastern Standard Time



- |   |                   |
|---|-------------------|
| Hazardous Waste Sites                     | UST Incidents     |
| Brownfields Program Sites                 | High Risk         |
| Federal Remediation Branch                | Intermediate Risk |
| Pre-Regulatory Landfill Sites             | Low Risk          |
| Activity Pending                          | Non-UST Incidents |
| Inactive Hazardous Sites                  | Low Risk          |
| DryCleaning Historical Boiler Inspections | Unknown Risk      |



NCDOT GIS Unit, State of North Carolina DOT, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc., METANASA, USGS, EPA, NPS, US Census Bureau, USDA

## Pre-Regulatory Landfill Sites

#	EPAID	SITENAME	Count
1	NONCD0000524	Maxton Dump	1

## UST Incidents

#	IncidentNumber	IncidentName	Count
1	9897	SAM BRYANT PROPERTY (former DIALS GROCERY)	1
2	42083	ELIZABETH ODOM RESIDENCE	1
3	47284	ORPHANED GASOLINE UST (DOLLAR GENERAL)	1

## Non-UST Incidents

#	IncidentNumber	IncidentName	Count
1	90189	SCHNEIDER TRUCK ACCIDENT	1
2	92434	Maxton Diesel Release	1
3	92439	Oak Island Transport	1

## Land Use Restriction and/or Notices

#	Prj_Number	Prj_Name	Count
1	FA-7810	ELIZABETH ODOM RESIDENCE	1



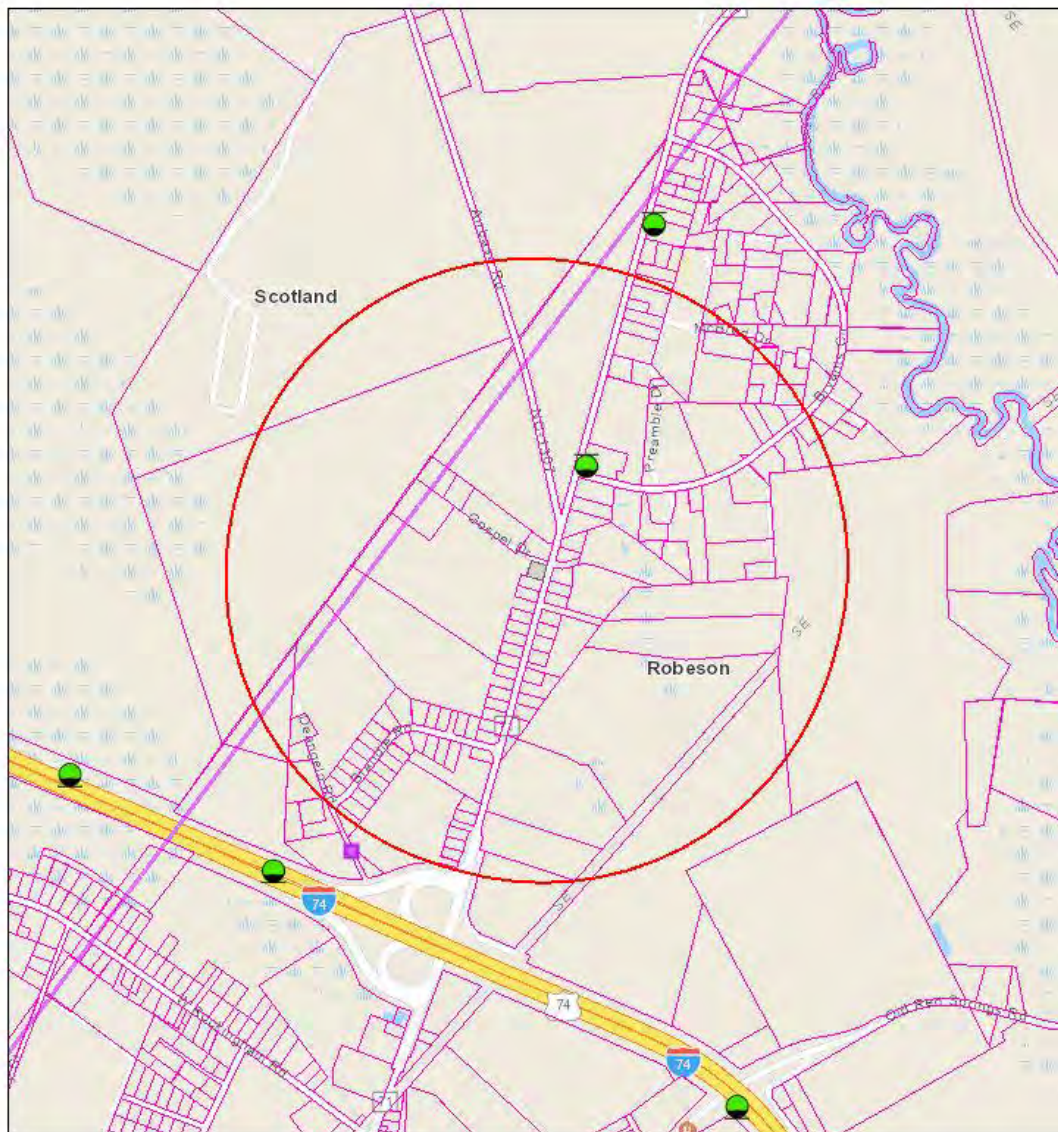


# Screening Report - Maxton SLS No. 10, 627 NC Hwy 71N 0.5-mile

## Area of Interest (AOI) Information

Area : 23,389,582.43 ft<sup>2</sup>

Jan 30 2023 17:17:10 Eastern Standard Time

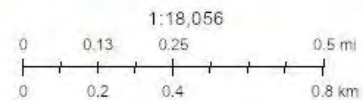


Pre-Regulatory Landfill Sites Land Use Restriction and/or Notices

- Activity Pending
- Notice and Restriction
- UST Incidents
- Parcels (Polygons) - Parcels
- Low Risk
- County Boundary

Non-UST Incidents

- Low Risk



1:18,056  
NCDOT GIS Unit, Esri Community Maps Contributors, State of North Carolina, DOT, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc., METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA



UST Incidents

#	IncidentNumber	IncidentName	Count
1	47284	ORPHANED GASOLINE UST (DOLLAR GENERAL)	1

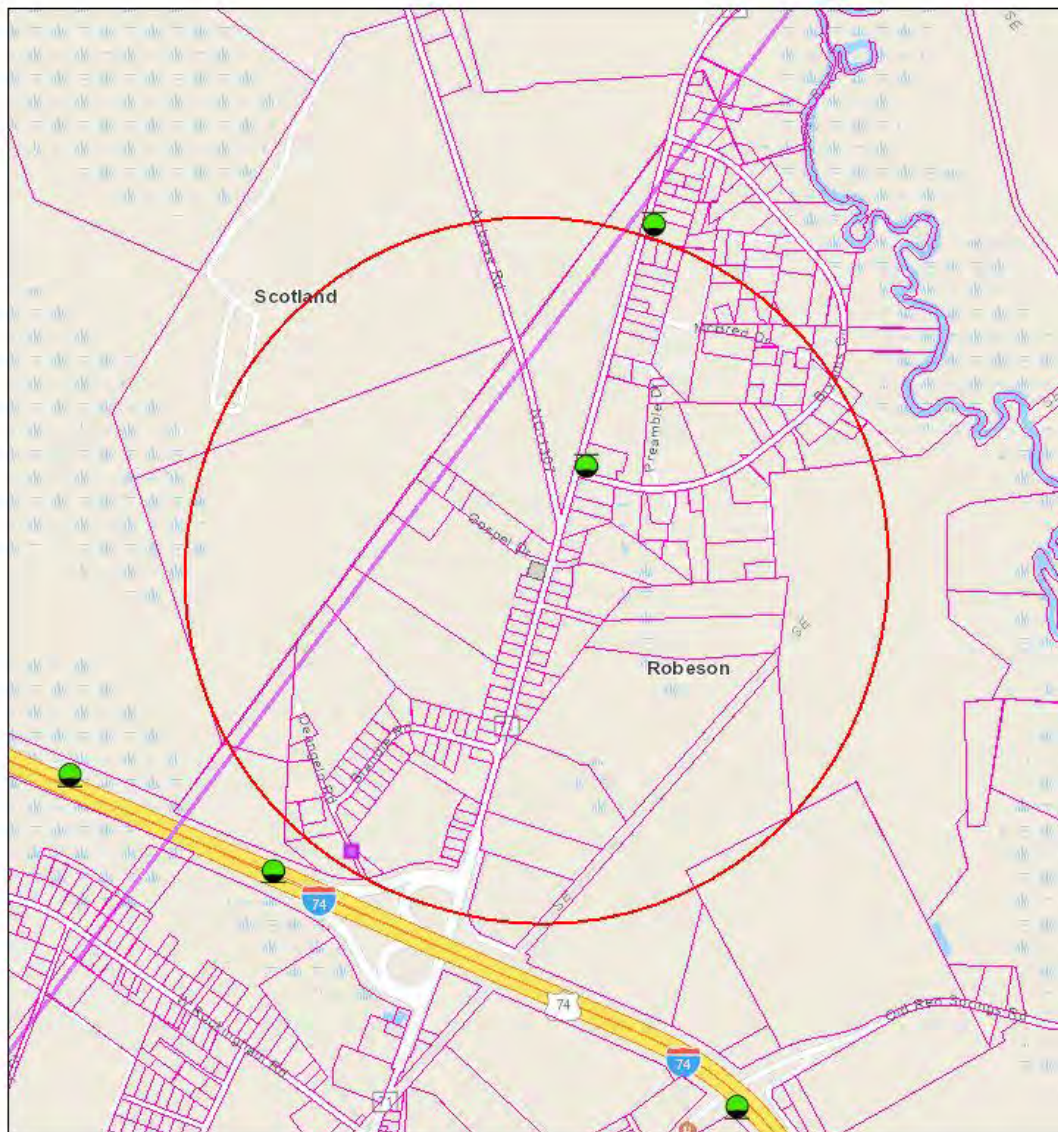


# Screening Report - SLS No. 10, 627 NC Highway 71N 3,000-feet

## Area of Interest (AOI) Information

Area : 29,972,876.75 ft<sup>2</sup>

Jan 30 2023 17:18:38 Eastern Standard Time

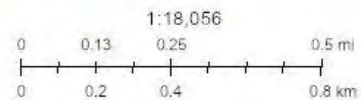


Pre-Regulatory Landfill Sites Land Use Restriction and/or Notices

- Activity Pending
- Notice and Restriction
- UST Incidents
- Parcels (Polygons) - Parcels
- Low Risk
- County Boundary

Non-UST Incidents

- Low Risk



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

Maxton Sewer Lift Station No. 10, 627 NC Highway 71N, Maxton, NC - 3,000 feet

### Pre-Regulatory Landfill Sites

#	EPAID	SITENAME	Count
1	NONCD0000524	Maxton Dump	1

### UST Incidents

#	IncidentNumber	IncidentName	Count
1	47284	ORPHANED GASOLINE UST (DOLLAR GENERAL)	1



Waste Management  
ENVIRONMENTAL QUALITY

ROY COOPER  
*Governor*

MICHAEL S. REGAN  
*Secretary*

MICHAEL SCOTT  
*Director*

March 26, 2018

Ms. Elizabeth Odom  
1000 Wesley Pines, Villa 198  
Lumberton, NC 28358

Re: Notice of No Further Action  
15A NCAC 2L .0407(d)  
Risk-based Assessment and Corrective Action  
for Petroleum Underground Storage Tanks

*Elizabeth Odom Residence*  
*804 McCaskill Avenue*  
*Maxton, Robeson County*  
*Incident Number: 42083*  
*Risk Classification: Low (L-105-D)*

Dear Ms. Odom,

The Underground Storage Tank Closure Report received by the UST Section, Division of Waste Management, Fayetteville Regional Office on October 30, 2017 has been reviewed. The information indicates that a release occurred from a heating oil UST located at the subject residence, soil contamination exceeds the residential maximum soil contaminant concentrations (MSCCs) established in Title 15A NCAC 2L .0411 and groundwater contamination meets the cleanup requirements for a low-risk site, but exceeds the groundwater quality standards established in Title 15A NCAC 2L .0202.

The UST Section determines that no further action is warranted for this incident. All required actions have been completed. On October 31, 2017, the UST Section received a certified copy of the Notice of Residual Petroleum which is filed with the Robeson County Register of Deeds (Bk: D2108, Pg: 233-237). On March 26, 2018, the UST Section was provided with proof of receipt of the conditional Notice of No Further Action letter or of refusal by the addressee to accept delivery of the letter or with a description of the way the letter was posted.

This determination shall apply unless the UST Section later finds that the discharge or release poses an unacceptable risk or a potentially unacceptable risk to human health or the environment. Pursuant to Title 15A NCAC 2L .0407(a) you have a continuing obligation to notify the Department of Environmental Quality of any changes that might affect the risk or land use classifications that have been assigned.

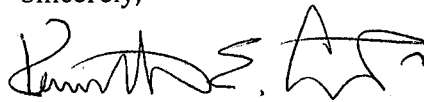
Be advised that as groundwater contamination exceeds the groundwater quality standards established in Title 15A NCAC 2L .0202, groundwater within the area of contamination or within the area where groundwater contamination is expected to migrate is not suitable for use as a water

supply. Be advised that as soil contamination exceeds the residential MSCCs, the property containing the contamination (Figure 1 in attached Notice of Residual Petroleum) is suitable only for restricted residential use (The term "residential is inclusive of, but not limited to, private houses, apartment complexes, schools, nursing homes, parks, recreation areas and day care centers), as stipulated in the Notice of Residual Petroleum.

Interested parties may examine the incident file by contacting this regional office and may submit comments on the site to the regional office at the address or telephone number listed below.

If you have any questions regarding this notice, please contact me at the address or telephone number listed below.

Sincerely,



Kenneth E. Currie, Hydrogeologist  
Fayetteville Regional Office  
UST Section, Division of Waste Management

Attachment:

Notice of Residual Petroleum (recorded November 1, 2017)

- c: Mrs. Kimberly L. Cook, NCCP, Ramsaur & McLean, P.A., Lumberton, NC (*email copy*)  
Mr. William J. Smith, Director, Robeson County Health Department (*email copy*)  
Mr. Art Barnhardt, L.G., BDX Environmental, 11341 NC Hwy. 53 West, White Oak, NC (*email copy*)  
Mr. Zachary Kinlaw, EHC Environmental, P.O. Box 902, Red Springs, NC (*email copy*)  
Mr. Wayne Randolph, Regional Supervisor, NCDEQ-DWM-UST Section (*email copy*)

2017009349

ROBESON CO, NC FEE \$26.00

PRESENTED &amp; RECORDED:

11-01-2017 11:34:52 AM

VICKI L LOCKLEAR

REGISTER OF DEEDS  
BY: YOLANDA WILLIAMS  
DEPUTY

BK: D 2108

PG: 233-237

*HOLD FOR: DAVID J. RAMSAUR*  
**NOTICE OF RESIDUAL PETROLEUM**

Parcel Identification Number: 839691084800, Robeson County, North Carolina

The property that is the subject of this Notice (hereinafter referred to as the "Site") contains residual petroleum and is an Underground Storage Tank (UST) incident under North Carolina's Statutes and Regulations, which consist of N.C.G.S. 143-215.94 and regulations adopted thereunder. This Notice is part of a remedial action for the Site that has been approved by the Secretary (or his/her delegate) of the North Carolina Department of Environment and Natural Resources (or its successor in function), as authorized by N.C.G.S. Section 143B-279.9 and 143B-279.11. The North Carolina Department of Environment and Natural Resources shall hereinafter be referred to as "DENR".

**NOTICE**

Petroleum product was released and/or discharged at the Site. Petroleum constituents remain on the site, but are not a danger to public health and the environment, provided that the restrictions described herein, and any other measures required by DENR pursuant to N.C.G.S. Sections 143B-279.9 and 143B-279.11, are strictly complied with. This "Notice of Residual Petroleum" is composed of a description of the property, the location of the residual petroleum and the land use restrictions on the Site. The Notice has been approved and notarized by DENR pursuant to N.C.G.S. Sections 143B-279.9 and 143B-279.11 and has/shall be recorded at the Robeson County Register of Deeds' office Book 2107, Page 464.

**Source Property**

Elizabeth M. Odom of Lumberton, North Carolina is the owner in fee simple of all or a portion of the Site, which is located in the County of Robeson, State of North Carolina, and is known and legally described as:

*Parcel Identification Number: 839691084800; Map No.: 11030200501D*

Maxton Township, Robeson County, North Carolina.

All that certain tract or parcel of land lying about 1 mile Southeast of the City of Maxton, N.C., south of and adjacent to SR 1303 (McCaskill Ave) and adjoining the lands of Elizabeth Odum, et al (13-L/138)(428/218) on the west, SR 1364 (Gentry Rd) on the south, US-74 and Bruce Thompson (1985/191) on the west, and being more particularly described as follow:

BEGINNING at a found iron pipe in the southern right of way of SR 1303 (McCaskill Ave), said iron pipe being located North 29 degrees 43 minutes 57 seconds West 125.19 feet from a found iron pipe; said iron pipe also being located North 55 degrees 06 minutes 34 seconds East 50.21 feet from a found iron pipe, the northern corner of Betty Vaughan (824/75); thence from said beginning and with said right of way North 60 degrees 25 minutes 53 seconds East 143.39 feet to a set iron rod; thence North 60 degrees 25 minutes 53 seconds East 50.52 feet to a found concrete right of way monument; thence with said right of way North 60 degrees 13 minutes 57 seconds East 362.34 feet to a found concrete right of way monument in the western right of way line of US 74; thence with said western right of way line with a curve to the right, having a radius of 2,693.79 feet, South 43 degrees 44 minutes 11 seconds East 267.53 feet to a found concrete right of way monument; thence with said right of way South 38 degrees 54 minutes 20 seconds East 291.15 feet to a found concrete right of way monument, the northeast corner of Bruce Thompson (1985/191); thence leaving said right of way and with the northern line of said Thompson North 84 degrees 24 minutes 45 seconds West 185.34 feet to a found iron pipe, the northwest corner of Bruce Thompson (1985/191); thence with the western line of said Thompson South 05 degrees 34 minutes 08 seconds West 227.01 feet to a found iron pipe; thence North 84 degrees 18 minutes 29 seconds West 538.15 feet to a set iron rod; thence with a new line North 16 degrees 37 minutes 53 seconds West 156.70 feet to a set iron rod; thence North 02 degrees 57 minutes 18 seconds West 40.00 feet to a found iron pipe, the northernmost corner of Sarah West (18-Y/125); thence with said West line South 60 degrees 32 minutes 31 seconds West 24.95 feet to a set iron rod; thence with a new line North 29 degrees 45 minutes 37 seconds West 122.82 feet; thence North 55 degrees 06 minutes 34 seconds East 25.11 feet to the point of Beginning containing 7.25 acres, more or less.

And being a portion of the tract conveyed by Ernest Odum and wife Theresa Odum to Wilton McRae and wife Ernestine McRae by deed dated February 5, 1960 and recorded in Deed Book 13-H, page 255, Robeson County Registry.

And being a portion of the tract conveyed by Theresa Sims Odum to Wilton McRae and wife Ernestine O. McRae by deed dated August 27, 1977 and recorded in Deed Book 428, page 218, Robeson County Registry.

This property is exempt from the Robeson County Subdivision Ordinance under Article V, Section 501, Item h.

Bearings referenced to Deed Book 927, page 678.

For further source of title, reference is made to Will of Ernestine O. McRae, probated in Estate File 15 E 43, Office of the Clerk of Superior Court of Robeson County, North Carolina.

For protection of public health and the environment, the following land use restrictions required by N.C.G.S. Section 143B-279.9(b) shall apply to all of the above-described real property. These restrictions shall continue in effect as long as residual petroleum remains on the site in excess of unrestricted use standards and cannot be amended or cancelled unless and until the Robeson County Register of Deed receives and records the written concurrence of the Secretary (or his/her delegate) of DENR (or its successor in function).

**PERPETUAL LAND USE RESTRICTIONS**

**Soil:** *Soil containing residual petroleum above applicable regulatory standard(s) remains on the site in the area identified in Figure 1. No soil shall be excavated or disturbed within 5 feet of the area identified in Figure 1 except to remediate the soil in accordance with all applicable state and federal statutes, regulations and guidelines.*

**Groundwater:** *Groundwater from the site is prohibited from use as a water supply. Water supply wells of any kind shall not be installed or operated on the site.*

**ENFORCEMENT**

The above land use restriction(s) shall be enforced by any owner, operator, or other party responsible for the Site. The above land use restriction(s) may also be enforced by DEQ through any of the remedies provided by law or by means of a civil action, and may also be enforced by any unit of local government having jurisdiction over any part of the Site. Any attempt to cancel this Notice without the approval of DEQ (or its successor in function) shall be subject to enforcement by DEQ to the full extent of the law. Failure by any party required or authorized to enforce any of the above restriction(s) shall in no event be deemed a waiver of the right to do so thereafter as to the same violation or as to one occurring prior or subsequent thereto.

IN WITNESS WHEREOF Elizabeth M. Odom has caused this Notice to be executed pursuant to N.C.G.S. Sections 143B-279.9 and 143B-279.11, this 31<sup>st</sup> day of October, 2017.

*Elizabeth M. Odom*  
Elizabeth M. Odom

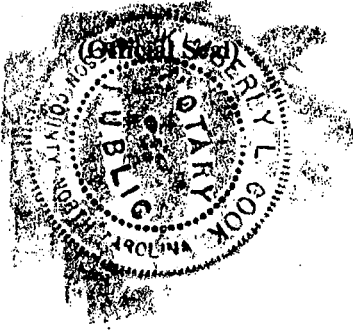
NORTH CAROLINA  
ROBESON COUNTY

I certify that the following person(s) personally appeared before me this day, each acknowledging to me that he or she signed the foregoing document: Elizabeth M. Odom

Date: October 31, 2017

*Kimberly L. Cook*  
Kimberly L. Cook, Notary Public

My commission expires: March 18, 2021

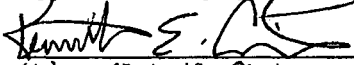


Approved for the purposes of N.C.G.S. 143B-279.11

Revised January 15, 2013



Approved for the purposes of N.C.G.S. 143B-279.11



(signature of Regional Supervisor)

Kenneth E. Currie Regional Supervisor  
(printed name of Regional Supervisor)

Fayetteville Regional Office

UST Section

Division of Waste Management

Department of Environment and Natural Resources

NORTH CAROLINA

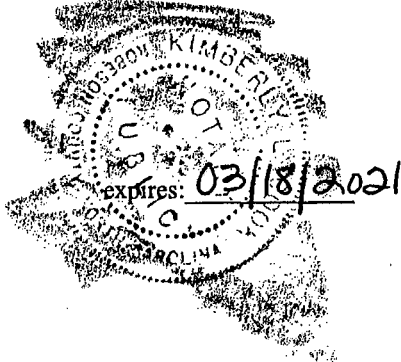
Robeson COUNTY

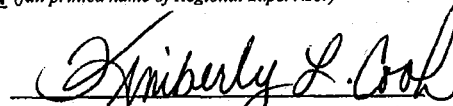
(Name of county in which acknowledgment was taken)

I certify that the following person(s) personally appeared before me this day, each acknowledging to me that he or she signed the foregoing document: Kenneth E. Currie (full printed name of Regional Supervisor)

Date: October 31, 2017

(Official Seal)



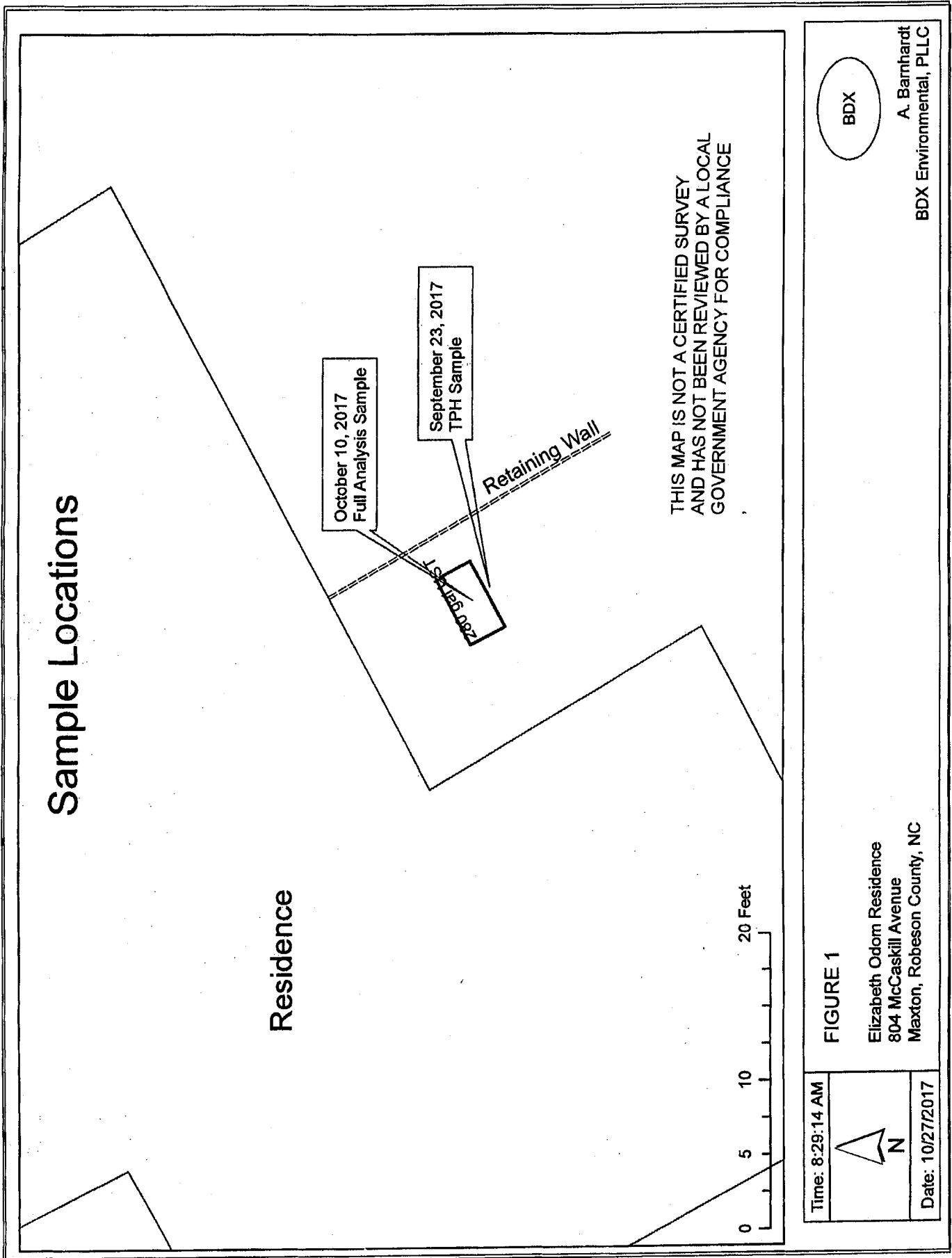


(signature of Notary Public)

Kimberly L. Cook  
(printed or typed name of Notary Public)

Notary Public

My commission



A. Barnhardt  
BDX Environmental, PLLC

FIGURE 1

Elizabeth Odum Residence  
804 McCaskill Avenue  
Maxton, Robeson County, NC

Time: 8:29:14 AM	
Date: 10/27/2017	



Waste Management  
ENVIRONMENTAL QUALITY

PAT MCCRORY

Governor

DONALD R. VAN DER VAART

Secretary

LINDA CULPEPPER

Director

November 24, 2015

Attn: Terminal Manager  
Schneider National Carriers, Inc.  
2420 Starita Road  
Charlotte, NC 28269

Re: Notice of No Further Action  
15A NCAC 2L .0106  
Corrective Action

*Schneider Truck Accident  
NC Highway 74 West (MM 190)  
Maxton, Scotland County, NC  
Incident Number: 90189  
Ranking: Low*

Dear Sir or Madam:

The Initial Assessment Report received by the UST Section, Division of Waste Management, Fayetteville Regional Office on November 16, 2015 has been reviewed. A review of the report indicates that subsequent to excavation, remaining soil contamination does not exceed the soil-to-groundwater maximum soil contaminant concentrations (MSCCs).

Based on information provided to date, the UST Section determines that no further action is warranted for this incident. This determination shall apply unless the UST Section later finds that the discharge or release poses an unacceptable risk or a potentially unacceptable risk to human health or the environment.

This No Further Action determination applies only to the subject incident; for any other incidents at the subject site, the responsible party must continue to address contamination as required.

If you have any questions regarding this notice, please contact Kenneth Currie at the address below or (910) 433-3347.

Sincerely,

Wayne Randolph, Regional Supervisor  
Fayetteville Regional Office  
UST Section, Division of Waste Management

c: Schneider National Carriers, Inc., P.O. Box 2545, Green Bay, WI 54306-2545  
Mr. Bengie Hair, Director, Scotland County Health Department (via email attachment)  
Mr. Bill Frederick, Highlands Environmental Solutions, Inc., Raleigh, NC (via email attachment)



State of North Carolina | Environmental Quality | Waste Management  
225 Green Street | Suite 714 | Fayetteville, NC 28301



# Henry Nemargut Engineering Services

2211 Chestnut St., Wilmington, NC 28405

Phone (910) 762-5475

FAX • (910) 762-3284

May 17, 2018

Quint Ocock, Project Manager  
HEPACO, LLC  
430 Bluff Hill Drive  
Leland, NC 28451

Maxton Diesel Release

Reference: XPO Logistics Truck Fuel Tank Spill Cleanup & Assessment Report  
Highway I-74, Near Maxton, NC, Robeson County, NC 28364  
Latitude: 34.7351614° N; Longitude: 79.348931° W

Responsible Party:

XPO Logistics, Inc., 2211 Old Earhart, Suite 100, Ann Arbor, MI 48105  
c/o ERTS, 6001 Cockran Rd, Suite 300, Solon, OH 44136  
Contact: Jonathan Homard (440) 772-1102

Dear Mr. Ocock:

Contained herein is a report summarizing spill cleanup and assessment activities for the above referenced incident. Cleanup activities consisted of recovery of free product via vacuum truck and placement/collection of absorbent materials followed by excavation, transportation and disposal of petroleum impacted soils. Assessment activities consisted of field screening of soils excavated to remove residual contamination and collection of soil samples to confirm conditions of remaining in-situ soils. A summary of these activities is contained herein.

At approximately 6:45 am on April 24, 2018, a tractor trailer being operated by XPO Logistics traveling east on I-74 hydroplaned and jackknifed, causing rupture of the driver side tractor trailer saddle tank. The accident resulted in a release of an estimated 150 gallons of diesel fuel from the XPO truck saddle tanks onto the median and shoulder of the I-74 eastbound lanes within the NC DOT right-of-way. The approximate location this incident is illustrated on the aerial photograph included as Figure 1.

On April 24, 2018, HEPACO mobilized personnel to respond to the diesel fuel spill. On that date, a vacuum truck and oil absorbent materials were used to minimize the spread of the released liquids and prevent them from entering into a median storm drain catch basin. Some of the released diesel liquids accumulated in the median ditch atop of a small pool of ponded water, which allowed recovery via vacuum truck. A sand berm and absorbent booms were placed around the storm drain to prevent the liquids from entering the storm drain catch basin. (1) 55 gallon drum was used to containerize the saturated absorbent materials that were used to recover the released liquids from the accident spill site, and an additional 450 gallons of diesel fuel and water were recovered from the highway median drainage ditch and catch basin.

The outfall of the storm drain catch basin was inspected and found to contain no sheen, so it is believed that all free floating diesel fuel was recovered via vacuum truck or absorbent materials on April 24, 2018, the day of the spill incident. Some booms and the sand berm was left on the NCDOT right-of-way to prevent further contaminant spread from possible rainfall events until soil excavation could be scheduled. Appendix A contains a copy of the disposal manifest for the drummed absorbents and liquids.

On May 2, 2018, HEPACO mobilized a track excavator and dump trucks to the project site to remediate petroleum impacted soils adjacent to the road via soil excavation. HEPACO excavated contaminated soils based on visual staining and petroleum vapors as verified by Henry Nemargut Engineering utilizing a PID. Excavation activities were completed on May 2, 2018 to remove impacted soils which were identified both in the center median and along the southwest shoulder of I-74. The remedial excavations had approximate dimensions of 30' (L) x 25' (W) x 1.25' (D) within the center highway median. The remedial excavation on the southwest highway shoulder had approximate dimensions of 25' (L) x 12' (W) x 1.5' (D). Excavation activities resulted in generation of 70.55 tons of contaminated soil. Appendix A contains a copy of the disposal manifests for the impacted soils.

On May 2, 2018, Henry Nemargut Engineering Services supervised field activities to assess the condition of in-situ soils in the impacted areas and guide soil excavation efforts. Samples were obtained from the floors of the excavations as excavation proceeded and subjected to PID analyses. Samples were placed in Zip-lock baggies and allowed to equilibrate for approximately 10 minutes to measure soil vapors. All samples collected from the final limits of excavation indicated soil vapors of <10 ppm. To confirm cleanup of the spill area, samples were collected from in-situ soils in the base of the remedial excavations. Six samples were obtained from the base of the excavation within the highway median and labeled S1 through S6 in the approximate locations indicated on Figure 2. An additional composite sample was obtained from the soil transported from the center highway median for off-site disposal and labeled X-1. Two samples were obtained from the base of the excavation on the southwest highway shoulder and labeled S7 and S8 in the approximate locations indicated on Figure 2. An additional composite sample was obtained from the soil transported from the southwest highway shoulder for off-site disposal and labeled X-2. All samples were submitted to Pace Analytical, Inc. for analyses according to EPA Methods TPH-DRO and TPH-GRO as recommended by the NCDEQ for diesel spill sites. The soil samples were obtained as specified in the collection, preservation, and handling section of the specific method. Each container was labeled with sample location, analyses to be performed, time, date, and the sampler's name. They were then placed in a cooler and chilled with ice to approximately 4°C in preparation for transportation to the analytical laboratory utilizing EPA approved chain of custody procedures.

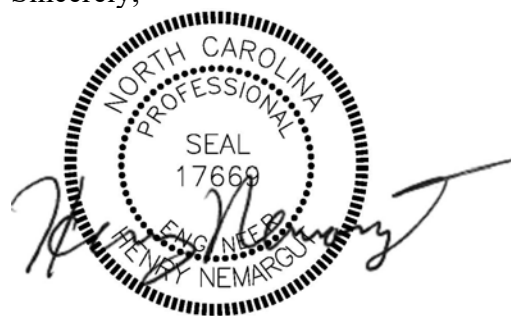
EPA Method TPH-DRO tests for low boiling point hydrocarbons such as diesel and kerosene, and its current action level is 100 ppm for above ground releases. Method TPH-GRO tests for low boiling point hydrocarbons such as gasoline and gasohol, and its current action level is 50 ppm for surface releases. Results from soil samples were below current NCDEQ action levels and laboratory detection limits for all of the in-situ soil samples collected from the remedial excavations.

Stockpile sample X-1 indicated a DRO concentration of 6,670 mg/kg and a GRO concentration of 20 mg/kg. Stockpile sample X-2 indicated a DRO concentration of 2,180 mg/kg and a GRO concentration below laboratory detection limits. A copy of the laboratory analytical report and the chain of custody record for the soil samples collected from this site are contained in Appendix B. Table 1 contains a summary of TPH analytical results. A geologic log of excavation is included as Appendix C, and Appendix D contains a brief photo log of cleanup efforts.

Based on the findings of our investigation, Henry Nemargut Engineering Services finds no reason to recommend any further investigatory activities in regard to this spill incident. No additional remedial excavation is necessary for this incident based on laboratory analytical results from the TPH sample results.

Mr. Ocock, please contact me at (910) 762-5475 if you have questions regarding this report.

Sincerely,

A circular professional engineer seal for the state of North Carolina. The outer ring contains the text "NORTH CAROLINA" at the top and "PROFESSIONAL" at the bottom. The inner circle contains the text "SEAL" and the number "17669". Overlaid on the seal is a handwritten signature in black ink, which appears to read "Henry Nemargut".

Henry Nemargut, P.E.  
Henry Nemargut Engineering Services

# FIGURES



Figure 1: XPO Spill Location

Legend  
Line Measure



Approximate Spill  
Location

Google Earth

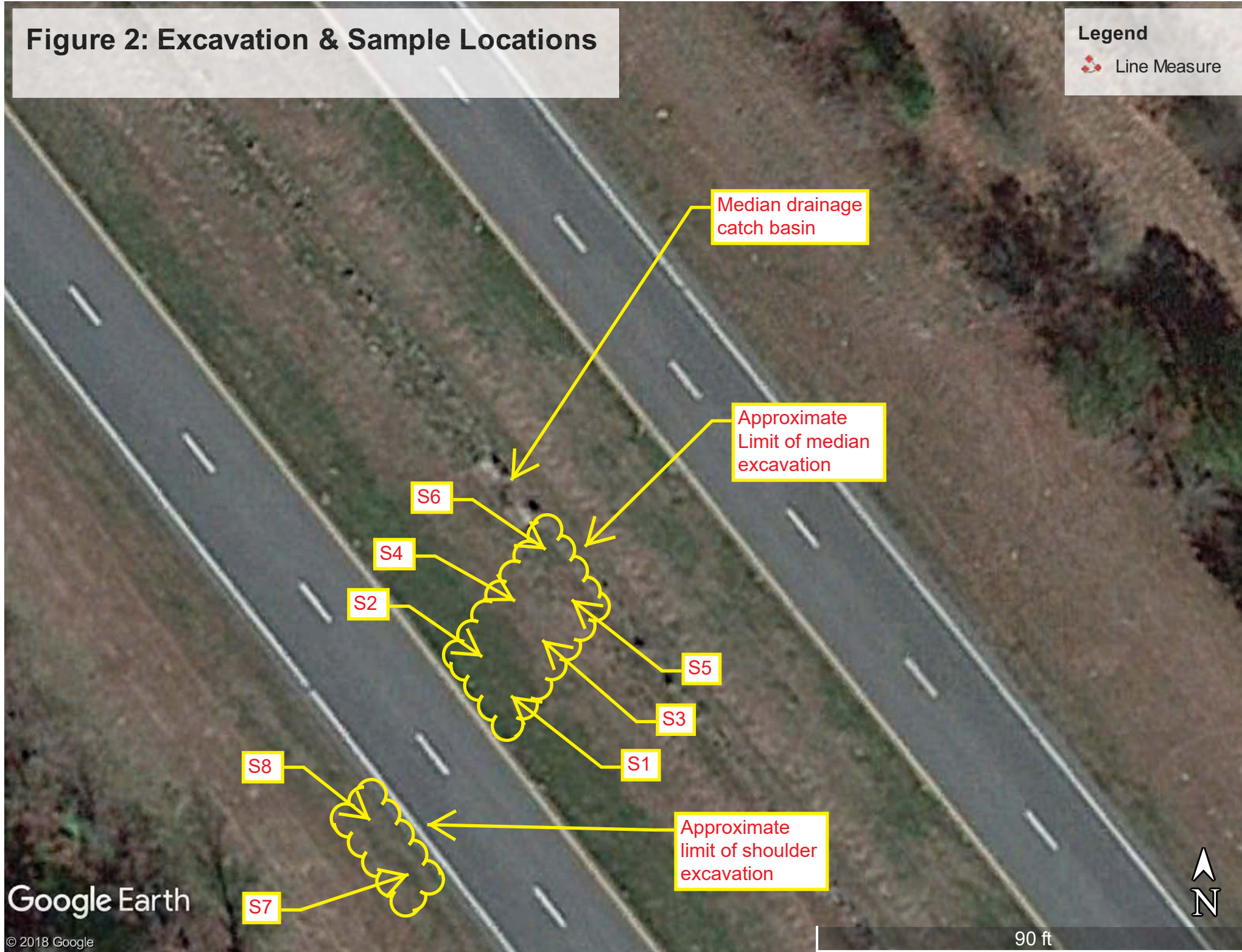
© 2018 Google

600 ft



Figure 2: Excavation & Sample Locations

Legend  
Line Measure



# TABLE

XPO Logistics Truck Spill, I-74 Mile Marker 91, Maxton, NC 28364

<100 = below NCDEQ action level

# **APPENDIX A**

## **DISPOSAL MANIFESTS**

# HEPACO

# BILL OF LADING

>>>>>>>>>>> GENERATOR <<<<<<<<<<<<

Generator XPO Logistics

ID#

Address 4715 W. 5<sup>th</sup> St

Shipping Location XPO Logistics

Lumberton NC 28358

Address 1941 Old Dunbar Rd, West Columbia SC

Phone 910-887-6000

Phone 863-791-1975

Description of Waste Materials	Total Quantity	Unit of Measure	Container Type
Petroleum Contact Water	450	gallons	TP
Diesel impacted Absorbent	1	Drum	DM

I hereby certify that the above described materials are not hazardous wastes as defined by 40 CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged, and are in proper condition for transportation according to applicable regulations.

As AGENT ON 1)

Generator Authorized Agency Name (print)

Signature

4/26/18

Date \_\_\_\_\_

>>>>>>>>>> TRANSPORTER <<<<<<<<<<<

Transporter Name HEPACO LLC

Driver Name (print) Brandon L. Nance

Address 9867 Hwy 78

Truck Number 10-3187

Ladson SC 29456

Truck Type

I hereby acknowledge receipt of the above described materials for transport from the generator site listed above.

I hereby acknowledge that the above described materials were received from the generator site and were transported without incident to the destination listed below.

**Driver Signature**

04/26/18

Shipment Date

**Driver Signature**

04/26/18

Delivery Date

[illegible]

Site Name XPO Logistics

Phone: 803 - 791 - 1975

Fax:

Address 1941 Old Dunbar Rd, West Columbia SC 29172

Disposal Location

I hereby acknowledge receipt of the above described materials.

CHRIS DIMOLE

Name of Authorized Agent (print)

Signature

4/24/2018

Receipt Date





# NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Doc No. 1843.6007-1		2. Page 1 of 1					
XPO LOGISTICS 211 OLD EARHART ROAD SUITE 100 ANN HARBOE, MI 48105		SITE; MM 191 ON I-74 MAXTON, NC. ROBESON COUNTY		A. Manifest Number WMNA		1843-6007-1					
4. Generator's Phone 734-757-1657				B. State Generator's ID							
5. Transporter 1 Company Name HEPACO, LLC		6. US EPA ID Number NCD9864306		C. State Transporter's ID							
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone							
9. Designated Facility Name and Site Address GREAT OAK LANDFILL 3597 OLD CEDAR FALLS ROAD RANDLEMAN, NC 27317		10. US EPA ID Number		E. State Transporter's ID							
				F. Transporter's Phone							
				G. State Facility ID							
				H. State Facility Phone							
11. Description of Waste Materials		12. Containers		13. Total Quantity		14. Unit Wt./Vol.		I. Misc. Comments			
a. DIESEL IMPACTED SOIL		No. Type		Quantity		Wt./Vol.		ROLL OFF BOX #280954			
WM Profile # 100628NC		1 CM				TONS					
b.											
WM Profile #											
c.											
WM Profile #											
d.											
WM Profile #											
J. Additional Descriptions for Materials Listed Above		K. Disposal Location									
		Cell						Level			
		Grid									
15. Special Handling Instructions and Additional Information ROLL OFF BOX #280954											
Purchase Order # EMERGENCY CONTACT / PHONE NO.: 800-888-7689											
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.											
Printed Name		Signature "On behalf of"				Month		Day		Year	
STEVEN DAY		[Signature]				5		10		18	
17. Transporter 1 Acknowledgement of Receipt of Materials											
Printed Name		Signature				Month		Day		Year	
STEVEN DAY		[Signature]				5		10		18	
18. Transporter 2 Acknowledgement of Receipt of Materials											
Printed Name		Signature				Month		Day		Year	
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.											
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.											
Printed Name		Signature				Month		Day		Year	
		Lisa Thompson				5		10		18	

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Blue- GENERATOR #2 COPY

Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY

Gold- TRANSPORTER #1 COPY



Great Oaks Landfill  
3565 Old Cedar Falls Rd  
Randleman, NC, 27317

Original  
Ticket# 42236

Ph: (336) 628-6026

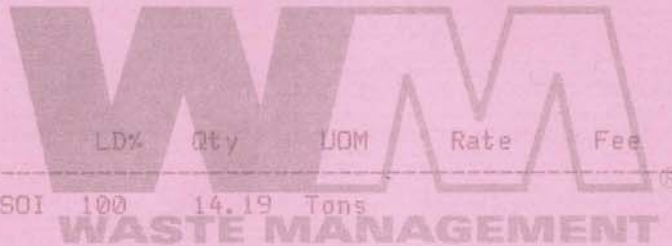
Customer Name XPOLOGISTICS XPO LOGISTICS  
Ticket Date 05/10/2018  
Payment Type Credit Account  
Manual Ticket#  
Route  
Hauling Ticket#  
Destination  
PO# 71290

Carrier XPO LOGISTICS  
Vehicle# R-123 HEPACO  
Container  
Driver Steven  
Check#  
Billing# 0000160  
Manifest diesel soil

Volume

	Time	Scale	Operator	Gross	
In	05/10/2018 08:52:33	Scale 1	lthomp15	61560 lb	
Out	05/10/2018 09:18:33	Scale 2	lthomp15	33180 lb	
				Net	28380 lb
				Tons	14.19

Comments



Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 DIESEL FUEL IMPACTED SOI	100	14.19	Tons				ROBE

Driver's Signature

Total Fee  
Total Ticket







# NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.		Manifest Doc No. <b>1843.6007-2</b>		2. Page 1 of			
XPO LOGISTICS I-74 MM 191 MAXTON, NC 28364		4. Generator's Phone 734-757-1657		A. Manifest Number WMNA <b>1843.6007-2</b> «number»		B. State Generator's ID			
5. Transporter 1 Company Name <b>Hepaco</b>		6. US EPA ID Number <b>NC D 9864 306</b>		C. State Transporter's ID		D. Transporter's Phone			
7. Transporter 2 Company Name		8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone			
9. Designated Facility Name and Site Address Great Oak Landfill		10. US EPA ID Number		G. State Facility ID		H. State Facility Phone 330-866-3265			
GENERATOR	11. Description of Waste Materials			12. Containers		13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments	
	a. Diesel Fuel Impacted Soil and Debris Cleanup WM Profile # 100628NC			No.	Type				
	b. WM Profile #								
	c. WM Profile #								
TRANSPORTER	d. WM Profile #								
	J. Additional Descriptions for Materials Listed Above <b>Robeson Co</b>			K. Disposal Location					
				Cell		Level			
			Grid						
15. Special Handling Instructions and Additional Information <b>Roll off # : 279660</b>									
Purchase Order # _____ EMERGENCY CONTACT / PHONE NO.: <b>MIKE GORDON/330-436-4112</b>									
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.									
Printed Name Jeff Sexten			Signature "On behalf of" <i>Jeff Sexten</i>			Month 5	Day 9	Year 2018	
FACILITY	17. Transporter 1 Acknowledgement of Receipt of Materials			Signature <i>Steven Day</i>			Month 5	Day 9	Year 18
	Printed Name <b>STEVEN DAY</b>								
	18. Transporter 2 Acknowledgement of Receipt of Materials			Signature			Month	Day	Year
Printed Name									
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.									
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.									
Printed Name			Signature <i>Steve Hodges</i>			Month 5	Day 9	Year 18	

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY

Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY





Great Oaks Landfill  
3565 Old Cedar Falls Rd.  
Randleman, NC, 27317

Original  
Ticket# 42177

Ph: (336) 628-6026

Customer Name XPOLOGISTICS XPO LOGISTICS

Carrier XPO LOGISTICS

Ticket Date 05/09/2018

Vehicle# R-123 HEPACO

Volume

Payment Type Credit Account

Container

Manual Ticket#

Driver

Route

Check#

Hauling Ticket#

Billing# 0000160

Destination

Manifest SOIL

PQ# 71290

Time  
In 05/09/2018 13:44:07  
Out 05/09/2018 14:41:14

Scale  
Scale 1  
Scale 2

Operator  
jhodges3  
jhodges3

Gross 54860 lb  
Tare 33420 lb  
Net 21440 lb  
Tons 10.72

Comments

Product	LD%	Qty	UDM	Rate	Fee	Amount	Origin
1 DIESEL FUEL IMPACTED SOI	100	10.72	Tons				ROBE

Driver's Signature

Total Fee  
Total Ticket







# NON-HAZARDOUS MANIFEST <sup>508</sup>

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Doc No. 1843.6007-3		2. Page 1 of 1	
XPO LOGISTICS 211 OLD EARHART ROAD SUITE 100 ANN HARBOE, MI 48105		SITE; MM 191 ON I-74 MAXTON, NC. ROBESON COUNTY		A. Manifest Number WMNA		1843-6007-3	
4. Generator's Phone 734-757-1657				B. State Generator's ID			
5. Transporter 1 Company Name HEPACO, LLC		6. US EPA ID Number NCD9864306		C. State Transporter's ID			
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone			
9. Designated Facility Name and Site Address GREAT OAK LANDFILL 3597 OLD CEDAR FALLS ROAD RANDLEMAN, NC 27317		10. US EPA ID Number		E. State Transporter's ID			
				F. Transporter's Phone			
				G. State Facility ID			
				H. State Facility Phone			
11. Description of Waste Materials		12. Containers		13. Total Quantity		14. Unit Wt./Vol.	
		No. Type					
a. DIESEL IMPACTED SOIL WM Profile # 100628NC		1 CM				TONS	
b.							
WM Profile #							
c.							
WM Profile #							
d.							
WM Profile #							
J. Additional Descriptions for Materials Listed Above		K. Disposal Location					
		Cell		Level			
		Grid					
15. Special Handling Instructions and Additional Information ROLL OFF BOX #HP002							
Purchase Order # EMERGENCY CONTACT / PHONE NO.: 800-888-7689							
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.							
Printed Name		Signature "On behalf of"		Month		Day	
Steel Strong		[Signature]		5		12	
						18	
17. Transporter 1 Acknowledgement of Receipt of Materials							
Printed Name		Signature		Month		Day	
Steel Strong		[Signature]		5		12	
						18	
18. Transporter 2 Acknowledgement of Receipt of Materials							
Printed Name		Signature		Month		Day	
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.							
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.							
Printed Name		Signature		Month		Day	
		Lisa Thompson		5		11	
						18	

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Blue- GENERATOR #2 COPY

Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY

Gold- TRANSPORTER #1 COPY



Great Oaks Landfill  
3565 Old Cedar Falls Rd  
Randleman, NC, 27317

Original  
Ticket# 42367  
Ph: (336) 628-6026

Customer Name XPOLOGISTICS XPO LOGISTICS  
Ticket Date 05/11/2018  
Payment Type Credit Account  
Manual Ticket#  
Route  
Hauling Ticket#  
Destination  
PO# 71290

Carrier XPO LOGISTICS  
Vehicle# 508 VAC 2 GO  
Container  
Driver Steve  
Check#  
Billing# 0000160  
Manifest diesel soil

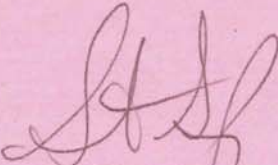
Volume

	Time	Scale	Operator	Gross	
In	05/11/2018 08:47:07	Scale 1	lthomp15	59940 lb	
Out	05/11/2018 09:43:40	Scale 2	jhodges3	38020 lb	
				Net	21920 lb
				Tons	10.96

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 DIESEL FUEL IMPACTED SOI	100	10.96	Tons				ROBE

WASTE MANAGEMENT

  
Driver's Signature

Total Fee  
Total Ticket







# NON-HAZARDOUS MANIFEST R-123

<b>NON-HAZARDOUS MANIFEST</b>		1. Generator's US EPA ID No. <div style="text-align: center;">N/A</div>		Manifest Doc No. <div style="text-align: center;">1843.6007-4</div>		2. Page 1 of <div style="text-align: center;">1</div>										
XPO LOGISTICS 211 OLD EARHART ROAD SUITE 100 ANN HARBOE, MI 48105			SITE; MM 191 ON I-74 MAXTON, NC. ROBESON COUNTY			A. Manifest Number <b>WMNA</b>		1843-6007-4								
						B. State Generator's ID										
4. Generator's Phone      734-757-1657			6. US EPA ID Number <div style="text-align: center;">NCD9864306</div>			C. State Transporter's ID										
5. Transporter 1 Company Name <div style="text-align: center;">HEPACO, LLC</div>						D. Transporter's Phone										
			7. Transporter 2 Company Name			8. US EPA ID Number			E. State Transporter's ID							
F. Transporter's Phone																
9. Designated Facility Name and Site Address GREAT OAK LANDFILL 3597 OLD CEDAR FALLS ROAD RANDLEMAN, NC 27317			10. US EPA ID Number			G. State Facility ID										
						H. State Facility Phone										
GENERATOR	11. Description of Waste Materials					12. Containers		13. Total Quantity		14. Unit Wt./Vol.		15. Misc. Comments				
	a. DIESEL IMPACTED SOIL  <div style="text-align: right;">WM Profile #    100628NC</div>					No.	Type					ROLL OFF BOX #RO-002				
						1	CM			TONS						
	b.  <div style="text-align: right;">WM Profile #</div>															
	c.  <div style="text-align: right;">WM Profile #</div>															
d.  <div style="text-align: right;">WM Profile #</div>																
J. Additional Descriptions for Materials Listed Above					K. Disposal Location											
					Cell				Level							
					Grid											
15. Special Handling Instructions and Additional Information <div style="text-align: center;">ROLL OFF BOX #RO-002</div>																
Purchase Order #      EMERGENCY CONTACT / PHONE NO.:    800-888-7689																
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.																
Printed Name <b>STEVEN DAY</b>					Signature "On behalf of" <i>[Signature]</i>					Month		Day		Year		
										5		10		18		
TRANSPORTER	17. Transporter 1 Acknowledgement of Receipt of Materials															
	Printed Name <b>STEVEN DAY</b>					Signature <i>[Signature]</i>					Month		Day		Year	
											5		11		18	
18. Transporter 2 Acknowledgement of Receipt of Materials																
Printed Name					Signature					Month		Day		Year		
FACILITY	19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.															
	20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.															
	Printed Name					Signature <i>[Signature]</i>					Month		Day		Year	
										5		11		18		

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY

Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



Great Oaks Landfill  
3565 Old Cedar Falls Rd  
Randleman, NC, 27317

Original  
Ticket# 42366  
Ph: (336) 628-6026

Customer Name XPOLOGISTICS XPO LOGISTICS  
Ticket Date 05/11/2018  
Payment Type Credit Account  
Manual Ticket#  
Route  
Hauling Ticket#  
Destination  
PO# 71290

Carrier XPO LOGISTICS  
Vehicle# R-123 HEPACO  
Container  
Driver Steven  
Check#  
Billing# 0000160  
Manifest diesel soil

Volume

	Time	Scale	Operator	Gross	
In	05/11/2018 08:45:28	Scale 1	lthomp15	56020 lb	
Out	05/11/2018 09:41:56	Scale 2	jhodges3	Tare 32960 lb	
				Net 23160 lb	
				Tons 11.58	

Comments

Product	LDX	Qty	UOM	Rate	Fee	Amount	Origin
1 DIESEL FUEL IMPACTED SOI	100	11.58	Tons				ROBE

Driver's Signature

Total Fee  
Total Ticket







# NON-HAZARDOUS MANIFEST

R-123

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Doc No. 1843.6007-5		2. Page 1 of 1		
XPO LOGISTICS 211 OLD EARHART ROAD SUITE 100 ANN HARBOE, MI 48105		SITE; MM 191 ON I-74 MAXTON, NC. ROBESON COUNTY		A. Manifest Number WMNA		1843-6007-5		
4. Generator's Phone 734-757-1657				B. State Generator's ID				
5. Transporter 1 Company Name HEPACO, LLC		6. US EPA ID Number NCD9864306		C. State Transporter's ID				
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone				
9. Designated Facility Name and Site Address GREAT OAK LANDFILL 3597 OLD CEDAR FALLS ROAD RANDLEMAN, NC 27317		10. US EPA ID Number		E. State Transporter's ID				
				F. Transporter's Phone				
				G. State Facility ID				
				H. State Facility Phone				
GENERATOR	11. Description of Waste Materials		12. Containers		13. Total Quantity	14. Unit Wt./Vol.	i. Misc. Comments	
			No.	Type				
	a. DIESEL IMPACTED SOIL		1	CM		TONS	ROLL OFF BOX #279750	
	WM Profile # 100628NC							
	b.							
	WM Profile #							
c.								
WM Profile #								
d.								
WM Profile #								
J. Additional Descriptions for Materials Listed Above		K. Disposal Location						
		Cell				Level		
		Grid						
15. Special Handling Instructions and Additional Information ROLL OFF BOX #279750								
Purchase Order #				EMERGENCY CONTACT / PHONE NO.: 800-888-7689				
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.								
Printed Name		Signature "On behalf of"			Month	Day	Year	
STEVEN DAY					5	10	18	
TRANSPORTER	17. Transporter 1 Acknowledgement of Receipt of Materials					Month	Day	Year
	Printed Name		Signature			Month	Day	Year
	STEVEN DAY					5	10	18
18. Transporter 2 Acknowledgement of Receipt of Materials					Month	Day	Year	
Printed Name		Signature			Month	Day	Year	
FACILITY	19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.							
	20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.							
	Printed Name		Signature			Month	Day	Year
					5	10	18	

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Blue- GENERATOR #2 COPY

Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY

Gold- TRANSPORTER #1 COPY



Great Oaks Landfill  
3565 Old Cedar Falls Rd  
Randleman, NC, 27317

Original  
Ticket# 42325

Ph: (336) 628-6026

Customer Name XPOLOGISTICS XPO LOGISTICS  
Ticket Date 05/10/2018  
Payment Type Credit Account  
Manual Ticket#  
Route  
Hauling Ticket#  
Destination  
PO# 71290

Carrier XPO LOGISTICS  
Vehicle# R-123 HEPACO  
Container  
Driver Steven  
Check#  
Billing# 0000160  
Manifest diesel soil

Volume

	Time	Scale	Operator	Gross	
In	05/10/2018 15:31:56	Scale 1	lthomp15	Tare	55680 lb
Out	05/10/2018 16:19:27	Scale 2	jhodges3	Net	33660 lb
				Tons	22020 lb
					11.01

Comments

Product	LDX	Qty	UOM	Rate	Fee	Amount	Origin
1 DIESEL FUEL IMPACTED SOI	100	11.01	Tons				ROBE

WASTE MANAGEMENT

Driver's Signature

Total Fee  
Total Ticket







# NON-HAZARDOUS MANIFEST

508

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No. N/A		Manifest Doc No. 1843.6007-6		2. Page 1 of 1			
XPO LOGISTICS 211 OLD EARHART ROAD SUITE 100 ANN HARBOE, MI 48105		SITE; MM 191 ON I-74 MAXTON, NC. ROBESON COUNTY		A. Manifest Number WMNA		1843-6007-6			
				B. State Generator's ID					
4. Generator's Phone 734-757-1657		6. US EPA ID Number NCD9864306		C. State Transporter's ID		D. Transporter's Phone			
5. Transporter 1 Company Name HEPACO, LLC		8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone			
7. Transporter 2 Company Name		10. US EPA ID Number		G. State Facility ID		H. State Facility Phone			
9. Designated Facility Name and Site Address GREAT OAK LANDFILL 3597 OLD CEDAR FALLS ROAD RANDLEMAN, NC 27317									
GENERATOR	11. Description of Waste Materials		12. Containers		13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments		
	a. DIESEL IMPACTED SOIL		No.	Type					
	WM Profile # 100628NC		1	CM		TONS	ROLL OFF BOX #280653		
	b.								
	WM Profile #								
c.									
WM Profile #									
d.									
WM Profile #									
J. Additional Descriptions for Materials Listed Above		K. Disposal Location							
		Cell				Level			
		Grid							
15. Special Handling Instructions and Additional Information ROLL OFF BOX #208653									
Purchase Order #				EMERGENCY CONTACT / PHONE NO.: 800-888-7689					
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.									
Printed Name Steve Slay		Signature "On behalf of"				Month 5	Day 10	Year 18	
TRANSPORTER	17. Transporter 1 Acknowledgement of Receipt of Materials		Signature				Month 5	Day 10	Year 18
	Printed Name Steve Slay		Signature						
	18. Transporter 2 Acknowledgement of Receipt of Materials		Signature				Month	Day	Year
Printed Name		Signature							
FACILITY	19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.								
	20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.								
Printed Name		Signature Joe Hodge				Month 5	Day 10	Year 18	

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Blue- GENERATOR #2 COPY

Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY

Gold- TRANSPORTER #1 COPY



Great Oaks Landfill  
3565 Old Cedar Falls Rd  
Randleman, NC, 27317

Original  
Ticket# 42326

Ph: (336) 628-6026

Customer Name XPOLOGISTICS XPO LOGISTICS  
Ticket Date 05/10/2018  
Payment Type Credit Account  
Manual Ticket#  
Route  
Hauling Ticket#  
Destination  
PO# 71290

Carrier XPO LOGISTICS  
Vehicle# 508 VAC 2 GO  
Container  
Driver STEVE  
Check#  
Billing# 0000160  
Manifest DIESEL SOIL

Volume

	Time	Scale	Operator	Gross	
In	05/10/2018 15:35:38	Scale 1	lthomp15	Tare	61900 lb
Out	05/10/2018 16:21:17	Scale 2	jhodges3	Net	37720 lb
				Tons	24180 lb
					12.09

Comments

Product	LD%	Qty	UOM	Rate	Fee	Amount	Origin
1 DIESEL FUEL IMPACTED SOI	100	12.09	Tons				ROBE

WASTE MANAGEMENT

  
Driver's Signature

Total Fee  
Total Ticket



# **APPENDIX B**

## **LABORATORY ANALYTICAL RESULTS**

May 10, 2018

Henry Nemargut  
Henry Nemargut Engineering  
2211 Chestnut Street  
Wilmington, NC 28405

RE: Project: XPO Logistics Spill MM 191  
Pace Project No.: 92383458

Dear Henry Nemargut:

Enclosed are the analytical results for sample(s) received by the laboratory on May 04, 2018. 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

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## CERTIFICATIONS

Project: XPO Logistics Spill MM 191

Pace Project No.: 92383458

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### Charlotte Certification IDs

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

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## SAMPLE SUMMARY

Project: XPO Logistics Spill MM 191

Pace Project No.: 92383458

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92383458001	X-1	Solid	05/02/18 11:30	05/04/18 10:03
92383458002	S 1	Solid	05/02/18 12:30	05/04/18 10:03
92383458003	S 2	Solid	05/02/18 12:40	05/04/18 10:03
92383458004	S 3	Solid	05/02/18 12:50	05/04/18 10:03
92383458005	S 4	Solid	05/02/18 12:55	05/04/18 10:03
92383458006	S 5	Solid	05/02/18 13:00	05/04/18 10:03
92383458007	S 6	Solid	05/02/18 13:05	05/04/18 10:03
92383458008	X-2	Solid	05/02/18 16:00	05/04/18 10:03
92383458009	S 7	Solid	05/02/18 16:05	05/04/18 10:03
92383458010	S 8	Solid	05/02/18 16:15	05/04/18 10:03

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## SAMPLE ANALYTE COUNT

Project: XPO Logistics Spill MM 191

Pace Project No.: 92383458

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92383458001	X-1	EPA 8015 Modified	PKS	2	PASI-C
		EPA 8015 Modified	CAH	2	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
92383458002	S 1	EPA 8015 Modified	PKS	2	PASI-C
		EPA 8015 Modified	CAH	2	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
92383458003	S 2	EPA 8015 Modified	PKS	2	PASI-C
		EPA 8015 Modified	CAH	2	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
92383458004	S 3	EPA 8015 Modified	PKS	2	PASI-C
		EPA 8015 Modified	CAH	2	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
92383458005	S 4	EPA 8015 Modified	PKS	2	PASI-C
		EPA 8015 Modified	CAH	2	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
92383458006	S 5	EPA 8015 Modified	PKS	2	PASI-C
		EPA 8015 Modified	CAH	2	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
92383458007	S 6	EPA 8015 Modified	PKS	2	PASI-C
		EPA 8015 Modified	CAH	2	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
92383458008	X-2	EPA 8015 Modified	PKS	2	PASI-C
		EPA 8015 Modified	CAH	2	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
92383458009	S 7	EPA 8015 Modified	PKS	2	PASI-C
		EPA 8015 Modified	CAH	2	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
92383458010	S 8	EPA 8015 Modified	PKS	2	PASI-C
		EPA 8015 Modified	CAH	2	PASI-C
		ASTM D2974-87	KDF	1	PASI-C

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## SUMMARY OF DETECTION

Project: XPO Logistics Spill MM 191

Pace Project No.: 92383458

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
<b>92383458001</b>	<b>X-1</b>					
EPA 8015 Modified	Diesel Range Organics(C10-C28)	6670	mg/kg	139	05/07/18 21:00	
EPA 8015 Modified	Gas Range Organics (C6-C10)	20.0	mg/kg	5.4	05/08/18 12:52	
ASTM D2974-87	Percent Moisture	11.1	%	0.10	05/07/18 10:18	
<b>92383458002</b>	<b>S 1</b>					
ASTM D2974-87	Percent Moisture	6.8	%	0.10	05/07/18 10:18	
<b>92383458003</b>	<b>S 2</b>					
ASTM D2974-87	Percent Moisture	8.4	%	0.10	05/07/18 10:19	
<b>92383458004</b>	<b>S 3</b>					
ASTM D2974-87	Percent Moisture	9.5	%	0.10	05/07/18 10:19	
<b>92383458005</b>	<b>S 4</b>					
ASTM D2974-87	Percent Moisture	11.2	%	0.10	05/07/18 10:19	
<b>92383458006</b>	<b>S 5</b>					
ASTM D2974-87	Percent Moisture	8.5	%	0.10	05/07/18 10:19	
<b>92383458007</b>	<b>S 6</b>					
ASTM D2974-87	Percent Moisture	7.6	%	0.10	05/07/18 10:19	
<b>92383458008</b>	<b>X-2</b>					
EPA 8015 Modified	Diesel Range Organics(C10-C28)	2180	mg/kg	62.1	05/07/18 15:49	
ASTM D2974-87	Percent Moisture	20.0	%	0.10	05/07/18 10:04	
<b>92383458009</b>	<b>S 7</b>					
ASTM D2974-87	Percent Moisture	6.4	%	0.10	05/07/18 10:04	
<b>92383458010</b>	<b>S 8</b>					
ASTM D2974-87	Percent Moisture	7.8	%	0.10	05/07/18 10:04	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: XPO Logistics Spill MM 191

Pace Project No.: 92383458

**Sample: X-1**      **Lab ID: 92383458001**      Collected: 05/02/18 11:30      Received: 05/04/18 10:03      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
<b>8015 GCS THC-Diesel</b>								
Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546								
Diesel Range Organics(C10-C28)	<b>6670</b>	mg/kg	139	25	05/04/18 14:22	05/07/18 21:00		
<b>Surrogates</b>								
n-Pentacosane (S)	0	%	41-119	25	05/04/18 14:22	05/07/18 21:00	629-99-2	S4
<b>Gasoline Range Organics</b>								
Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B								
Gas Range Organics (C6-C10)	<b>20.0</b>	mg/kg	5.4	1	05/07/18 18:55	05/08/18 12:52		
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	118	%	70-167	1	05/07/18 18:55	05/08/18 12:52	460-00-4	
<b>Percent Moisture</b>								
Analytical Method: ASTM D2974-87								
Percent Moisture	<b>11.1</b>	%	0.10	1		05/07/18 10:18		

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## ANALYTICAL RESULTS

Project: XPO Logistics Spill MM 191

Pace Project No.: 92383458

**Sample: S 1**      **Lab ID: 92383458002**      Collected: 05/02/18 12:30      Received: 05/04/18 10:03      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
<b>8015 GCS THC-Diesel</b>								
Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546								
Diesel Range Organics(C10-C28)	ND	mg/kg	5.3	1	05/04/18 14:22	05/07/18 12:57		
<b>Surrogates</b>								
n-Pentacosane (S)	65	%	41-119	1	05/04/18 14:22	05/07/18 12:57	629-99-2	
<b>Gasoline Range Organics</b>								
Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B								
Gas Range Organics (C6-C10)	ND	mg/kg	4.9	1	05/07/18 18:55	05/08/18 15:12		
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	91	%	70-167	1	05/07/18 18:55	05/08/18 15:12	460-00-4	
<b>Percent Moisture</b>								
Analytical Method: ASTM D2974-87								
Percent Moisture	6.8	%	0.10	1		05/07/18 10:18		

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## ANALYTICAL RESULTS

Project: XPO Logistics Spill MM 191

Pace Project No.: 92383458

**Sample: S 2**      **Lab ID: 92383458003**      Collected: 05/02/18 12:40      Received: 05/04/18 10:03      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
<b>8015 GCS THC-Diesel</b>								
Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546								
Diesel Range Organics(C10-C28)	ND	mg/kg	5.5	1	05/04/18 14:22	05/07/18 12:57		
<b>Surrogates</b>								
n-Pentacosane (S)	69	%	41-119	1	05/04/18 14:22	05/07/18 12:57	629-99-2	
<b>Gasoline Range Organics</b>								
Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B								
Gas Range Organics (C6-C10)	ND	mg/kg	4.8	1	05/07/18 18:55	05/10/18 07:36		
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	70	%	70-167	1	05/07/18 18:55	05/10/18 07:36	460-00-4	
<b>Percent Moisture</b>								
Analytical Method: ASTM D2974-87								
Percent Moisture	8.4	%	0.10	1		05/07/18 10:19		

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## ANALYTICAL RESULTS

Project: XPO Logistics Spill MM 191

Pace Project No.: 92383458

**Sample: S 3**      **Lab ID: 92383458004**      Collected: 05/02/18 12:50      Received: 05/04/18 10:03      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
<b>8015 GCS THC-Diesel</b>								
Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546								
Diesel Range Organics(C10-C28)	ND	mg/kg	5.4	1	05/04/18 14:22	05/07/18 13:21		
<b>Surrogates</b>								
n-Pentacosane (S)	61	%	41-119	1	05/04/18 14:22	05/07/18 13:21	629-99-2	
<b>Gasoline Range Organics</b>								
Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B								
Gas Range Organics (C6-C10)	ND	mg/kg	5.2	1	05/07/18 18:55	05/10/18 08:04		
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	74	%	70-167	1	05/07/18 18:55	05/10/18 08:04	460-00-4	
<b>Percent Moisture</b>								
Analytical Method: ASTM D2974-87								
Percent Moisture	9.5	%	0.10	1		05/07/18 10:19		

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## ANALYTICAL RESULTS

Project: XPO Logistics Spill MM 191

Pace Project No.: 92383458

**Sample: S 4**      **Lab ID: 92383458005**      Collected: 05/02/18 12:55      Received: 05/04/18 10:03      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
<b>8015 GCS THC-Diesel</b>								
Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546								
Diesel Range Organics(C10-C28)	ND	mg/kg	5.6	1	05/04/18 14:22	05/07/18 13:21		
<b>Surrogates</b>								
n-Pentacosane (S)	68	%	41-119	1	05/04/18 14:22	05/07/18 13:21	629-99-2	
<b>Gasoline Range Organics</b>								
Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B								
Gas Range Organics (C6-C10)	ND	mg/kg	4.9	1	05/07/18 18:55	05/10/18 08:33		
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	73	%	70-167	1	05/07/18 18:55	05/10/18 08:33	460-00-4	
<b>Percent Moisture</b>								
Analytical Method: ASTM D2974-87								
Percent Moisture	11.2	%	0.10	1		05/07/18 10:19		

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## ANALYTICAL RESULTS

Project: XPO Logistics Spill MM 191

Pace Project No.: 92383458

**Sample: S 5**      **Lab ID: 92383458006**      Collected: 05/02/18 13:00      Received: 05/04/18 10:03      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
<b>8015 GCS THC-Diesel</b>								
Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546								
Diesel Range Organics(C10-C28)	ND	mg/kg	5.5	1	05/04/18 14:22	05/07/18 13:45		
<b>Surrogates</b>								
n-Pentacosane (S)	125	%	41-119	1	05/04/18 14:22	05/07/18 13:45	629-99-2	S3
<b>Gasoline Range Organics</b>								
Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B								
Gas Range Organics (C6-C10)	ND	mg/kg	5.0	1	05/07/18 18:55	05/10/18 09:01		
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	69	%	70-167	1	05/07/18 18:55	05/10/18 09:01	460-00-4	S5
<b>Percent Moisture</b>								
Analytical Method: ASTM D2974-87								
Percent Moisture	8.5	%	0.10	1		05/07/18 10:19		

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## ANALYTICAL RESULTS

Project: XPO Logistics Spill MM 191

Pace Project No.: 92383458

**Sample: S 6**      **Lab ID: 92383458007**      Collected: 05/02/18 13:05      Received: 05/04/18 10:03      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
<b>8015 GCS THC-Diesel</b>								
Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546								
Diesel Range Organics(C10-C28)	ND	mg/kg	5.4	1	05/04/18 14:22	05/07/18 13:45		
<b>Surrogates</b>								
n-Pentacosane (S)	64	%	41-119	1	05/04/18 14:22	05/07/18 13:45	629-99-2	
<b>Gasoline Range Organics</b>								
Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B								
Gas Range Organics (C6-C10)	ND	mg/kg	4.4	1	05/07/18 18:55	05/10/18 09:29		
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	70	%	70-167	1	05/07/18 18:55	05/10/18 09:29	460-00-4	
<b>Percent Moisture</b>								
Analytical Method: ASTM D2974-87								
Percent Moisture	7.6	%	0.10	1		05/07/18 10:19		

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## ANALYTICAL RESULTS

Project: XPO Logistics Spill MM 191

Pace Project No.: 92383458

**Sample: X-2**      **Lab ID: 92383458008**      Collected: 05/02/18 16:00      Received: 05/04/18 10:03      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
<b>8015 GCS THC-Diesel</b>								
Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546								
Diesel Range Organics(C10-C28)	<b>2180</b>	mg/kg	62.1	10	05/04/18 14:22	05/07/18 15:49		
<b>Surrogates</b>								
n-Pentacosane (S)	0	%	41-119	10	05/04/18 14:22	05/07/18 15:49	629-99-2	S4
<b>Gasoline Range Organics</b>								
Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B								
Gas Range Organics (C6-C10)	ND	mg/kg	6.6	1	05/07/18 18:55	05/10/18 09:57		
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	95	%	70-167	1	05/07/18 18:55	05/10/18 09:57	460-00-4	
<b>Percent Moisture</b>								
Analytical Method: ASTM D2974-87								
Percent Moisture	<b>20.0</b>	%	0.10	1		05/07/18 10:04		

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## ANALYTICAL RESULTS

Project: XPO Logistics Spill MM 191

Pace Project No.: 92383458

**Sample: S 7**      **Lab ID: 92383458009**      Collected: 05/02/18 16:05      Received: 05/04/18 10:03      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
<b>8015 GCS THC-Diesel</b>								
Analytical Method: EPA 8015 Modified    Preparation Method: EPA 3546								
Diesel Range Organics(C10-C28)	ND	mg/kg	5.4	1	05/04/18 14:22	05/07/18 14:09		
<b>Surrogates</b>								
n-Pentacosane (S)	76	%	41-119	1	05/04/18 14:22	05/07/18 14:09	629-99-2	
<b>Gasoline Range Organics</b>								
Analytical Method: EPA 8015 Modified    Preparation Method: EPA 5035A/5030B								
Gas Range Organics (C6-C10)	ND	mg/kg	4.5	1	05/07/18 18:55	05/10/18 10:25		
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	77	%	70-167	1	05/07/18 18:55	05/10/18 10:25	460-00-4	
<b>Percent Moisture</b>								
Analytical Method: ASTM D2974-87								
Percent Moisture	6.4	%	0.10	1		05/07/18 10:04		

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## ANALYTICAL RESULTS

Project: XPO Logistics Spill MM 191

Pace Project No.: 92383458

**Sample: S 8**      **Lab ID: 92383458010**      Collected: 05/02/18 16:15      Received: 05/04/18 10:03      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
<b>8015 GCS THC-Diesel</b>								
Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546								
Diesel Range Organics(C10-C28)	ND	mg/kg	5.4	1	05/04/18 14:22	05/07/18 14:33		
<b>Surrogates</b>								
n-Pentacosane (S)	75	%	41-119	1	05/04/18 14:22	05/07/18 14:33	629-99-2	
<b>Gasoline Range Organics</b>								
Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B								
Gas Range Organics (C6-C10)	ND	mg/kg	4.3	1	05/07/18 18:55	05/10/18 10:53		
<b>Surrogates</b>								
4-Bromofluorobenzene (S)	73	%	70-167	1	05/07/18 18:55	05/10/18 10:53	460-00-4	
<b>Percent Moisture</b>								
Analytical Method: ASTM D2974-87								
Percent Moisture	7.8	%	0.10	1		05/07/18 10:04		

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## QUALITY CONTROL DATA

Project: XPO Logistics Spill MM 191

Pace Project No.: 92383458

QC Batch:	409678	Analysis Method:	EPA 8015 Modified
QC Batch Method:	EPA 5035A/5030B	Analysis Description:	Gasoline Range Organics
Associated Lab Samples:	92383458001, 92383458002, 92383458003, 92383458004, 92383458005, 92383458006, 92383458007, 92383458008, 92383458009, 92383458010		

METHOD BLANK: 2272762 Matrix: Solid  
Associated Lab Samples: 92383458001, 92383458002, 92383458003, 92383458004, 92383458005, 92383458006, 92383458007, 92383458008, 92383458009, 92383458010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gas Range Organics (C6-C10)	mg/kg	ND	6.0	05/07/18 16:52	
4-Bromofluorobenzene (S)	%	91	70-167	05/07/18 16:52	

LABORATORY CONTROL SAMPLE: 2272763

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gas Range Organics (C6-C10)	mg/kg	50	48.0	96	70-165	
4-Bromofluorobenzene (S)	%			77	70-167	

MATRIX SPIKE SAMPLE: 2272764

Parameter	Units	92383458001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Gas Range Organics (C6-C10)	mg/kg	20.0	45.1	55.1	78	47-187	
4-Bromofluorobenzene (S)	%				104	70-167	

SAMPLE DUPLICATE: 2272765

Parameter	Units	92383458002 Result	Dup Result	RPD	Max RPD	Qualifiers
Gas Range Organics (C6-C10)	mg/kg	ND	ND		30	
4-Bromofluorobenzene (S)	%	91	92	1		

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: XPO Logistics Spill MM 191

Pace Project No.: 92383458

QC Batch:	409381	Analysis Method:	EPA 8015 Modified
QC Batch Method:	EPA 3546	Analysis Description:	8015 Solid GCSV
Associated Lab Samples:	92383458001, 92383458002, 92383458003, 92383458004, 92383458005, 92383458006, 92383458007, 92383458008, 92383458009, 92383458010		

METHOD BLANK: 2271111 Matrix: Solid  
Associated Lab Samples: 92383458001, 92383458002, 92383458003, 92383458004, 92383458005, 92383458006, 92383458007, 92383458008, 92383458009, 92383458010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Range Organics(C10-C28)	mg/kg	ND	5.0	05/07/18 11:21	
n-Pentacosane (S)	%	71	41-119	05/07/18 11:21	

LABORATORY CONTROL SAMPLE: 2271112

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diesel Range Organics(C10-C28)	mg/kg	67.6	69.2	102	49-113	
n-Pentacosane (S)	%			69	41-119	

MATRIX SPIKE SAMPLE: 2271113

Parameter	Units	92382975018 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Diesel Range Organics(C10-C28)	mg/kg	ND	94.5	52.7	51	10-146	
n-Pentacosane (S)	%				52	41-119	

SAMPLE DUPLICATE: 2271114

Parameter	Units	92382975018 Result	Dup Result	RPD	Max RPD	Qualifiers
Diesel Range Organics(C10-C28)	mg/kg	ND	11300		30	
n-Pentacosane (S)	%	103	0			S4

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## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: XPO Logistics Spill MM 191

Pace Project No.: 92383458

QC Batch: 409357 Analysis Method: ASTM D2974-87  
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture  
Associated Lab Samples: 92383458001, 92383458002, 92383458003, 92383458004, 92383458005, 92383458006, 92383458007

SAMPLE DUPLICATE: 2270965

Parameter	Units	92383329001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	87.3	87.4	0	25	

SAMPLE DUPLICATE: 2270966

Parameter	Units	92383417001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	27.1	25.1	7	25	

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## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA

Project: XPO Logistics Spill MM 191

Pace Project No.: 92383458

QC Batch:	409386	Analysis Method:	ASTM D2974-87
QC Batch Method:	ASTM D2974-87	Analysis Description:	Dry Weight/Percent Moisture
Associated Lab Samples: 92383458008, 92383458009, 92383458010			

SAMPLE DUPLICATE: 2271130

Parameter	Units	92383454001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.1	16.0	5	25	

SAMPLE DUPLICATE: 2271131

Parameter	Units	92383495006 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	18.7	15.6	18	25	

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## REPORT OF LABORATORY ANALYSIS

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## QUALIFIERS

Project: XPO Logistics Spill MM 191

Pace Project No.: 92383458

---

### 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.

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

S3 Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated sample.

S4 Surrogate recovery not evaluated against control limits due to sample dilution.

S5 Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).

## REPORT OF LABORATORY ANALYSIS

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## QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: XPO Logistics Spill MM 191

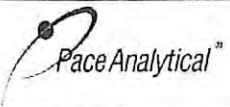
Pace Project No.: 92383458

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92383458001	X-1	EPA 3546	409381	EPA 8015 Modified	409594
92383458002	S 1	EPA 3546	409381	EPA 8015 Modified	409594
92383458003	S 2	EPA 3546	409381	EPA 8015 Modified	409594
92383458004	S 3	EPA 3546	409381	EPA 8015 Modified	409594
92383458005	S 4	EPA 3546	409381	EPA 8015 Modified	409594
92383458006	S 5	EPA 3546	409381	EPA 8015 Modified	409594
92383458007	S 6	EPA 3546	409381	EPA 8015 Modified	409594
92383458008	X-2	EPA 3546	409381	EPA 8015 Modified	409594
92383458009	S 7	EPA 3546	409381	EPA 8015 Modified	409594
92383458010	S 8	EPA 3546	409381	EPA 8015 Modified	409594
92383458001	X-1	EPA 5035A/5030B	409678	EPA 8015 Modified	409752
92383458002	S 1	EPA 5035A/5030B	409678	EPA 8015 Modified	409752
92383458003	S 2	EPA 5035A/5030B	409678	EPA 8015 Modified	409752
92383458004	S 3	EPA 5035A/5030B	409678	EPA 8015 Modified	409752
92383458005	S 4	EPA 5035A/5030B	409678	EPA 8015 Modified	409752
92383458006	S 5	EPA 5035A/5030B	409678	EPA 8015 Modified	409752
92383458007	S 6	EPA 5035A/5030B	409678	EPA 8015 Modified	409752
92383458008	X-2	EPA 5035A/5030B	409678	EPA 8015 Modified	409752
92383458009	S 7	EPA 5035A/5030B	409678	EPA 8015 Modified	409752
92383458010	S 8	EPA 5035A/5030B	409678	EPA 8015 Modified	409752
92383458001	X-1	ASTM D2974-87	409357		
92383458002	S 1	ASTM D2974-87	409357		
92383458003	S 2	ASTM D2974-87	409357		
92383458004	S 3	ASTM D2974-87	409357		
92383458005	S 4	ASTM D2974-87	409357		
92383458006	S 5	ASTM D2974-87	409357		
92383458007	S 6	ASTM D2974-87	409357		
92383458008	X-2	ASTM D2974-87	409386		
92383458009	S 7	ASTM D2974-87	409386		
92383458010	S 8	ASTM D2974-87	409386		

## REPORT OF LABORATORY ANALYSIS

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	Document Name: <b>Sample Condition Upon Receipt(SCUR)</b>	Document Revised: February 7, 2018 Page 1 of 2
	Document No.: <b>F-CAR-CS-033-Rev.06</b>	Issuing Authority: Pace Carolinas Quality Office

**Laboratory receiving samples:**

Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☒ Raleigh ☐ Mechanicsville ☐

**Sample Condition  
Upon Receipt**

Client Name:

Henry Vermoet

Project #:

**WO# : 92383458**



Courier:

☐ Commercial

☒ Fed Ex

☐ Pace

☐ UPS

☐ USPS

☐ Other: \_\_\_\_\_

☐ Client

Custody Seal Present?

☐ Yes

☒ No

Seals Intact?

☐ Yes

☒ No

Date/Initials Person Examining Contents: MS-4/8

Packing Material:

☐ Bubble Wrap

☒ Bubble Bags

☐ None

☐ Other

Thermometer:

☒ IR Gun ID: 92T040

Type of Ice:

☒ Wet

☐ Blue

☐ None

Biological Tissue Frozen?

☐ Yes

☐ No

☒ N/A

Cooler Temp (°C):

2.1

Correction Factor: Add/Subtract (°C)

+0.4

Cooler Temp Corrected (°C):

2.5

Temp should be above freezing to 6°C

☐ Samples out of temp criteria. Samples on ice, cooling process has begun

USDA Regulated Soil (☒ N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)?

☐ Yes

☒ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☒ No

			Comments/Discrepancy:
Chain of Custody Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.	
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.	
Short Hold Time Analysis (<72 hr.)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	3.	
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	4.	
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.	
Correct Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	6.	
-Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
Containers Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	7.	
Dissolved analysis: Samples Field Filtered?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	8.	
Sample Labels Match COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.	
-Includes Date/Time/ID/Analysis Matrix: <u>SL</u>			
Headspace in VOA Vials (>5-6mm)?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	10.	
Trip Blank Present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	11.	
Trip Blank Custody Seals Present?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted:

Date/Time:

Project Manager SCURF Review:

TP

Date:


5/7

Project Manager SRF Review:

TP

Date:

5/7

	Document Name:	Document Revised: February 7, 2018
	Sample Condition Upon Receipt(SCUR)	Page 1 of 2
	Document No.: F-CAR-CS-033-Rev.06	Issuing Authority: Pace Carolinas Quality Office

\*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 # **W0# : 92383458**

PM: PTE

Due Date: 05/11/18

CLIENT: 92-HenryNema

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 Na2S2O3 (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)	SPST-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)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1																					3							
2																					3							
3																					3							
4																					3							
5																					3							
6																					3							
7																					3							
8																					3							
9																					3							
10																					3							
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.

# CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

## Section A Required Client Information:

Company:	H N ENGR	Report To:	Henry Nemargut
Address:		Copy To:	
Email To:		Purchase Order No.:	
Phone:		Project Name:	XPO Logistics
Fax:		Project Number:	Marker B1 1-14, Maxton, NC
Requested Due Date/TAT:		Page Profile #:	

## Section B Required Project Information:

Attention:	H Nemargut
Company Name:	
Address:	
Page Quote	
Reference:	
Pace Project Manager:	

2148448

## Section D Required Client Information

ITEM #	Matrix Codes Matrix / CODE Drinking Water DW Water WT Waste Water WW Product P Soil/Solid SL Oil OL Wipe WP Air AR Tissue TS Other OT	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED		SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives	Analysis Test	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)
				COMPOSITE START	COMPOSITE END/GRAB						
1	X-1	C	0830	5/4/18	1730	4			TPH-DRO TPH-GRD		92383458
2	31	C			1230						
3	32	C			1240						
4	33	C			1250						
5	34	C			1255						
6	35	C			1300						
7	36	C			1305						
8	X-2	C	1400		1600						
9	37	C			1605						
10	38	C			1615						
11											
12											

## ADDITIONAL COMMENTS

## RELINQUISHED BY / AFFILIATION

DATE

TIME

## ACCEPTED BY / AFFILIATION

DATE

TIME

## SAMPLE CONDITIONS

Relinquished By:	Henry Nemargut	Date:	5/3/18	Time:	1730	Accepted By:	J. Dixon	Date:	5/3	Time:	1730	Temp in °C		Received on Ice (Y/N)		Custody Sealed Cooler (Y/N)		Samples Intact (Y/N)	
Relinquished By:	ANE	Date:		Time:		Accepted By:	Michelle Polc	Date:	5/4/18	Time:	1603	Temp in °C	2.5	Received on Ice (Y/N)	Y	Custody Sealed Cooler (Y/N)	N	Samples Intact (Y/N)	Y

ORIGINAL

## SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER:

Henry Nemargut

DATE Signed (MM/DD/YY):

\*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to rate changes of 1.5% per month for any invoices not paid within 30 days.

# **APPENDIX C**

## **GEOLOGIC LOG OF EXCAVATION**

# GEOLOGIC LOG OF EXCAVATION

Henry Nemargut Engineering Services

Job Name: XPO Logistics Truck Tank Spill

Address: Near MM 91, Maxton, Robeson County, NC

Job No.:

Start Date: 5/2/2018

Contractor: HEPACO

Sample ID: Cleanup Confirmation Samples

Comments:

[illegible]

# **APPENDIX D**

## **PHOTO LOG**





Damaged diesel fuel saddle tank



Removal of liquids from catch basin



Placement of sorbent pads to collect liquids



Vacuum truck used to remove water/diesel fuel





Sand berm and ponded liquids outside of catch basin



Ruts with fuel and booms around catch basin in highway median



Stained soils on southwest highway shoulder



Highway median remedial excavation





Center median backfilled



Center median backfilled with strawing in progress

September 14, 2020

**MEMO TO FILE:**

TO: James Brown, Acting Regional Supervisor  
UST Section, Fayetteville Regional Office

FROM: Bruce Reed, Hydrogeologist  
UST Section, Wilmington Regional Office

SUBJECT: Site Closure & NFA

Incident Name: Sam Bryant Property (Former Dials Grocery)

WI Number: FA-523

Incident Number: 9897

This file was reviewed on September 14, 2020, and it was determined that this incident is eligible for No Further Action because there are no laboratory analytical results that document a petroleum problem. According to TIMS, the tank owner was Cooper Petroleum, and the USTs were removed on September 1, 1981, and December 28, 1993. This does not prove that the USTs are not there, as there is no tank closure report in the file. No additional assessment or site work is required unless new information is made available to our office that indicates further investigation would be warranted.



**NCDEQ UNDERGROUND STORAGE TANK SECTION  
RISK, RANK, AND ABATEMENT RATING FORM**

Incident Name:	MINIT SHOP	Region:	FRO
Incident Number:	29456	County:	ROBESON
Date:	3/9/2022	Ranked By:	KEC

**I225A**

*Note: a new ranking form must be completed whenever site conditions may have changed, or at least once every 5 years*

**SECTION I. Initial Risk Classification (Check all that apply)**

**1. High Risk**

**All UST and Non-UST Petroleum Releases**

- A. An existing water supply well, including one used for non-drinking purposes, has been contaminated by any UST release or any non-UST petroleum release; \_\_\_\_\_
- B. There exists a serious threat of explosion due to the accumulation of vapors in a confined space, as a result of the release; \_\_\_\_\_
- C. Vapors from the discharge or release pose a serious exposure risk through vapor intrusion into inhabited structures; or \_\_\_\_\_
- D. There exists an imminent danger to public health, public safety or the environment, as a result of the release. \_\_\_\_\_

**Commercial UST, Noncommercial Motor Fuel UST, and Non-UST Petroleum Releases Only**

- E. A water supply well used for drinking water is located within 1,000 feet of the source area of a confirmed release; \_\_\_\_\_
- F. A water supply well not used for drinking water is located within 250 feet of the source area of a confirmed release; or \_\_\_\_\_
- G. The groundwater within 500 feet of the source area of a confirmed release has the potential for future use in that there is no source of water supply other than the groundwater; \_\_\_\_\_

**Noncommercial UST Releases Only (including Noncommercial Farm or Residential Motor Fuel USTs)**

- H. A water supply well, including one used for non-drinking purposes, is located within 150 feet of the source area of a confirmed release; \_\_\_\_\_
- I. Unassessed free product has been found within 30 feet of a property boundary with a landowner other than the responsible party for the release; or \_\_\_\_\_
- J. An unabated surface exposure of free product remains present at a confirmed release from a noncommercial UST. \_\_\_\_\_

**2. Intermediate Risk (Commercial UST and Non-UST Releases Only)**

- A. Surface water is located within 500 feet of the source area of a confirmed release and the maximum groundwater contaminant concentration exceeds the applicable surface water quality standard and criteria found in 15A NCAC 2B .0200 by a factor of 10; \_\_\_\_\_
- B. In the Coastal Plain Physiographic Province (as designated on a map entitled Geologic Map of North Carolina published by the Department in 1985), the source area of a confirmed release is located where there is recharge to an unconfined or semi-confined deeper aquifer which the Department determines is being used or may be used as a source of drinking water; \_\_\_\_\_
- C. The source area of a confirmed release is located within a designated wellhead protection area, per 42 USC 300h-7(e); \_\_\_\_\_
- D. The levels of groundwater contamination associated with a confirmed release for any contaminant (except ethylene dibromide, benzene and the aliphatic and aromatic carbon fraction classes) exceed 50 percent of the solubility of the contaminant at 25 degrees Celsius or 1,000 times the groundwater quality standard or interim standard established in 15A NCAC 2L .0202, whichever is lower (these levels have been termed "gross contamination levels"); or \_\_\_\_\_
- E. The levels of groundwater contamination associated with a confirmed release for ethylene dibromide or benzene exceed 1,000 times the federal drinking water standard set out in 40 CFR 141 (these levels have also been termed "gross contamination levels"). Multiple GCL wells, multiple FP wells **X** \_\_\_\_\_

**3. Low Risk**

- A. A low risk classification means that the risk posed by a release does not meet any of the high or intermediate risk criteria or, based on site-specific information received by the Department, the release does not pose a significant risk. \_\_\_\_\_

**SECTION I. Risk Classification**

**I**

Incident # **29456**

**SECTION II. Risk Classification (Assign points as applicable)**

## 1. EMERGENCY HAZARD ASSESSMENT

E - FLAG

An emergency situation exists if the Department determines that the release poses an imminent danger to public health, public safety, or the environment. (Flag if true, leave blank if no emergency is apparent.)

Complete form with letter "E" assigned to final rating. Once Emergency is abated, a new rating must be prepared.

## 2. EXPOSURE ASSESSMENT

### Groundwater

#### A. Impacted Water Supplies

##### Public Supply Wells (each well can only be counted once)

1. Public or institutional water supply well containing substances in concentrations exceeding 15A NCAC 2L groundwater quality standards. 600 pts ea.

COUNT	x	POINTS	=	TOTAL
_____	x	600	=	_____

##### Private Supply Wells (each well can only be counted once)

2. Private domestic drinking water supply well containing substances in concentrations exceeding 15A NCAC 2L groundwater quality standards. 200 pts ea.

_____	x	200	=	_____
-------	---	-----	---	-------

3. Private well, not used for drinking, containing contamination in detectable concentrations. 75 pts ea.

_____	x	75	=	_____
-------	---	----	---	-------

##### Public or Private Wells below 2L .0202 Standards (each well can only be counted once)

4. Public or private drinking water supply containing substances that are below the 15A NCAC 2L groundwater quality standards. 100 pts ea.

_____	x	100	=	_____
-------	---	-----	---	-------

#### B. Threat to Uncontaminated Drinking Water Supplies

##### Public Supply Wells (each well can only be counted once)

1. Public or institutional water supply well within 500 ft of commercial or noncommercial motor fuel UST or non-UST plume edge, or 100 feet of other noncommercial UST plume edge; plume edge is within radius of influence of public well; or threat currently unknown. 40 pts ea.

_____	x	40	=	_____
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2. Public or institutional water supply well between 500 and 1000 ft of commercial or noncommercial motor fuel UST or non-UST plume edge, or 100 and 150 feet of other noncommercial UST plume edge; or threat is reasonably known. 10 pts ea.

_____	x	10	=	_____
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##### Private Supply Wells (each well can only be counted once)

3. Private water supply, including non-drinking well, located within 250 ft of commercial or noncommercial motor fuel UST or non-UST plume edge, or 150 ft of other noncommercial UST plume edge and wells threatened or threat is currently unknown. 20 pts ea.

_____	x	20	=	_____
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4. Private drinking water supply, located between 251 and 500 ft of commercial or noncommercial motor fuel UST or non-UST plume edge and wells are threatened or threat is currently unknown. 10 pts ea.

_____	x	10	=	_____
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5. Private drinking water supply, located between 501 and 1000 ft of commercial or noncommercial motor fuel UST or non-UST plume edge; or wells located within 1000 ft but threat to wells is reasonably known; or an alternate water source is available. 5 pts ea.

_____	x	5	=	_____
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#### C. Proximity of Wells to Permitted USTs (PIB Information Check - No Points)

- \* 1. One or more public water supply wells is located within 500' of a permitted UST.  
\* 2. One or more private drinking water supply wells is located within 100' of a permitted UST.

Check after  
notifying PIB: \_\_\_\_\_

### Surface Water

1. Violation of Class HQW, ORW, WS-I, WS-II, or SA surface water quality standards as a result of groundwater discharge. 10 pts total.

_____	(10 pts)	:	_____
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2. Free product or sheen discovered on surface waters as a result of groundwater discharge. 5 pts total.

_____	(5 pts)	:	_____
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Incident # 29456

#### Section II.2: Surface Water (cont.)

##### A. Land Use (Choose soil cleanup level. Apply points only if soil contamination exceeds requirement.)

No Risk Data

☐

Soil to GW

☐

Residential

☒

Ind/Comm

☐

POINTS	:	TOTAL
--------	---	-------

1. Maximum soil contaminant concentration exceeds "Soil to Groundwater" but below "Residential" exposure concentration. 5 pts total.

_____	(5 pts)	:	_____
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OR

2. Maximum soil contaminant concentration exceeds "Residential" but below "Industrial Commercial" exposure concentration. 10 pts total.

\_\_\_\_\_ (10 pts) : \_\_\_\_\_

3. Maximum soil contaminant concentration exceeds the "Industrial/Commercial" exposure concentration or no risk-based data is available. 15 pts total. **Assumed - product saturated soil**

  x   (15 pts) :   15  

**B. Proximity of Protected Waters to Permitted USTs (PIB Information Check - No Points)**

\* 1. Surface water classified as High Quality Water (HQP), Outstanding Resource Water (ORW), WS-I, WS-II or SA is located within 500' of a permitted UST.

Check after  
notifying PIB: \_\_\_\_\_

**Air Quality**

**A. Vapor Phase Exposure**

1. Contaminant vapors detected in inhabitable building(s), but levels are below 20% of the lower explosive limit and health concern levels. 20 pts total.

\_\_\_\_\_ (20 pts) : \_\_\_\_\_

2. Contaminant vapors detected in other confined areas (uninhabited buildings, sewer lines, utility vaults, etc.) but levels are below 20% of the lower explosive limit. 5 pts total.

\_\_\_\_\_ (5 pts) : \_\_\_\_\_

**3. HYDROGEOLOGY and LITHOLOGY**

**A. Bedrock**

Contamination is located in, on, or within five (5) feet of bedrock. 20 pts total.

\_\_\_\_\_ (20 pts) : \_\_\_\_\_

**B. Vertical Contaminant Migration**

Literature or well logs indicate that no confining layer is present above bedrock or within 20 feet of land surface. 10 pts total.

  x   (10 pts) :   10  

**C. Horizontal Contaminant Migration**

Data or observations indicate that no discharge points or aquifer discontinuities exist between the discharge, release, or known extent of contamination and the nearest down-gradient drinking water supply. 5 pts total.

\_\_\_\_\_ (5 pts) : \_\_\_\_\_

**4. ENVIRONMENTAL VULNERABILITY ASSESSMENT**

**A. Existing Groundwater Quality - Worst-Case Monitor or Supply Well (assign only one)**

1. Concentrations at less than 10 times the 2L groundwater standards. 5 pts total.

\_\_\_\_\_ (5 pts) : \_\_\_\_\_

OR

2. Concentrations between 10 and 100 times the 2L groundwater standards. 20 pts total.

\_\_\_\_\_ (20 pts) : \_\_\_\_\_

OR

3. Concentrations greater than 100 times the 2L groundwater standards. 40 pts total.

\_\_\_\_\_ (40 pts) : \_\_\_\_\_

OR

4. Free product is present. 80 pts total.

  x   (80 pts) :   80  

**B. Predominant Contamination Type**

1. Low boiling-point petroleum products (gasoline, aviation fuel). 20 pts total.

  x   (20 pts) :   20  

2. High boiling-point petroleum products (fuel oil, kerosene, diesel fuel, etc). 0 pts.

\_\_\_\_\_ (0 pts) : \_\_\_\_\_

**5. CONTAMINANT SOURCE ABATEMENT (from Section III)**

**A. Rank Contributions from Section III: Source Abatement Assignment (automated)**

1. Abatement letter "A" assigned due to an active UST system present onsite. 100 pts total.

(100 pts) :   100  

2. Abatement letter "D" assigned due to a contaminated soil source remaining. 50 pts total.

(50 pts) : \_\_\_\_\_

**SECTION II. Release Ranking**

**225**

Incident #

**29456**

**SECTION III. Source Abatement Assignment (Assign Letter)**

**1. Abated or Unabated Contaminant Source**

**A. Emergency Situation**

An Emergency condition must be immediately abated. Assign letter "E" (and see Section II.1).

OR

**B. Active UST System**

UST Systems remain in operation and continue to discharge into the environment.  
Assign Letter "A". (+100 points added to Rank.)

A

OR

**C. Residual Soil Contamination**

The UST release has been abated; however, contaminated soil continues to release product or contaminants into the environment. Assign Letter "D". (+50 points added to Rank in Section II.5.)

OR

**D. Contaminant Sources Abated**

The UST release has been abated and contaminated soil has been removed or remediated.  
Assign Letter "R". (No points added to Rank in Section II.5.)

**SECTION III. Source Abatement Assignment**

A

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**SECTION IV. Risk, Rank, and Abatement Score**

**Total: Risk, Rank, and Abatement Score**

**I225A**

*(Use Risk letter from Section I, total of all Rank points from Section II, and Abatement letter from Section III. Transfer final score to Page 1)*

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North Carolina Department of Environment and Natural Resources

Beverly Eaves Perdue, Governor

Division of Waste Management  
UST Section

Dee Freeman, Secretary  
Dexter R. Matthews, Director

June 22, 2011

Mr. Sam Bryant  
1244 Highway 71 North  
Maxton, NC 28364

Re: Water Supply Sample Analytical Results  
Tracking ID: AB71936 & AB71937

Dear Mr. Bryant:

Water samples were collected from the wells identified as WSW-1 (main house) and WSW-2 (apartment), located at 1244 Highway 71 North, Maxton, Robeson County on May 26, 2011, as part of a follow up to a potential petroleum release at the former Sam Bryant Station.

The water samples were analyzed for specific target analytes (contaminants), which are listed on the attached Sample Analytical Results. No contaminants were detected in the water of either sample. I am still exploring options for this incident and will be in contact with you, but it can only improve matters should you decide to connect both of these properties to the available Robeson County water system. If you have any questions please contact me at the Fayetteville Regional Office address below or at (910) 433-3313.

Sincerely,

Kenneth E. Currie  
Hydrogeologist

Attachments: Sam Bryant Sample Analytical Results (Sample ID #AB71936 & #71937)

Fayetteville (FAY) – 225 Green Street, Suite 714, Systel Building, Fayetteville, NC 28301 (910) 433-3300



# NC DWO Laboratory Section Results

County: **ROBESON**  
 River Basin  
 Report To: **FROUST**  
 Collector: **K CURRIE**  
 Region: **FRO**  
 Sample Matrix: **GROUNDWATER**  
 Loc. Type: **WATER SUPPLY**  
 Emergency Yes/No  
 COC Yes/No



Sample ID: **AB71936**  
 PO Number #: **11U0122**  
 Date Received: **05/27/2011**  
 Time Received: **08:00**  
 Labworks LoginID: **DLEAVITT**  
 Report Generated: **6/14/11**  
 Date Reported: **06/14/2011**

VisitID

*mfo 6-14-11*

Loc. Descr.: **SAM BRYANT PROPERTY**

Location ID: <b>U347666793371WSW-1</b>	Collect Date: <b>05/26/2011</b>	Collect Time: <b>13:25</b>	Sample Depth
--	---------------------------------	----------------------------	--------------

CAS #	Analyte Name	PQL	Result/ Qualifier	Units	Method Reference	Analysis Date	Validated by
LAB							
	Sample temperature at receipt by lab		2.1	°C		5/27/11	DLEAVITT
VOL							
	Volatile Organics in liquid		<u>TITLE</u>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
75-71-8	Dichlorodifluoromethane	1	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
74-87-3	Chloromethane	1	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
75-01-4	Vinyl Chloride	0.5	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
74-83-9	Bromomethane	1	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
75-00-3	Chloroethane	0.5	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
75-69-4	Trichlorofluoromethane	0.5	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
75-35-4	1,1-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
75-09-2	Methylene Chloride	10	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
156-60-5	trans-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
1634-04-4	Methyl Tert-Butyl Ether	0.25	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
75-34-3	1,1-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
156-59-2	cis-1,2-Dichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
74-97-5	Bromochloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
67-66-3	Chloroform	0.25	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
594-20-7	2,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
107-06-2	1,2-Dichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
71-55-6	1,1,1-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
563-58-6	1,1-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
56-23-5	Carbon Tetrachloride	0.25	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
71-43-2	Benzene	0.25	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
74-95-3	Dibromomethane	1	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
78-87-5	1,2-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
79-01-6	Trichloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
75-27-4	Bromodichloromethane	0.25	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
10061-01-5	cis-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
10061-02-6	trans-1,3-Dichloropropene	0.25	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
79-00-5	1,1,2-Trichloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
108-88-3	Toluene	0.25	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
142-28-9	1,3-Dichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER

Laboratory Section>> 1623 Mail Service Center, Raleigh, NC 27699-1623 (919) 733-3908

For a detailed description of the qualifier codes refer to [http://portal.ncdenr.org/web/wq/lab/staffinfo/techassist/Data\\_Qualifier\\_Codes](http://portal.ncdenr.org/web/wq/lab/staffinfo/techassist/Data_Qualifier_Codes) <<http://portal.ncdenr.org/web/wq/lab/staffinfo/techassist/>>



*NC DWQ Laboratory Section Results*

Location ID: **U347666793371WSW-1**

Sample ID: **AB71936**

Collect Date: **05/26/2011**

Collect Time: **13:25**

**VOL**

<u>CAS #</u>	<u>Analyte Name</u>	<u>PQL</u>	<u>Result/ Qualifier</u>	<u>Units</u>	<u>Method Reference</u>	<u>Analysis Date</u>	<u>Validated by</u>
124-48-1	Dibromochloromethane	0.5	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
106-93-4	(EDB)1,2-Dibromoethane	0.5	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
127-18-4	Tetrachloroethene	0.25	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
108-90-7	Chlorobenzene	0.25	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
100-41-4	Ethylbenzene	0.25	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
75-25-2	Bromoform	1	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
108-38-3	m,p-Xylene	1	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
100-42-5	Styrene	0.25	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
79-34-5	1,1,2,2-Tetrachloroethane	0.25	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
630-20-6	1,1,1,2-Tetrachloroethane	0.25	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
95-47-6	o-Xylene	0.25	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
96-18-4	1,2,3-Trichloropropane	0.25	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
98-82-8	Isopropylbenzene	0.25	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
108-86-1	Bromobenzene	0.25	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
103-65-1	n-Propylbenzene	0.25	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
95-49-8	2-Chlorotoluene	0.25	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
106-43-4	4-Chlorotoluene	0.25	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
108-67-8	1,3,5-Trimethylbenzene	0.25	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
98-06-6	tert-Butylbenzene	0.25	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
95-63-6	1,2,4-Trimethylbenzene	0.25	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
135-98-8	sec-Butylbenzene	0.25	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
541-73-1	m-Dichlorobenzene (1,3)	0.25	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
106-46-7	p-Dichlorobenzene (1,4)	0.25	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
95-50-1	o-Dichlorobenzene (1,2)	0.25	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
99-87-6	p-Isopropyltoluene	0.25	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
104-51-8	n-Butylbenzene	0.25	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
96-12-8	1,2-Dibromo-3-Chloropropane	2	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
120-82-1	1,2,4-Trichlorobenzene	0.5	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
91-20-3	Naphthalene	0.5	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
87-68-3	Hexachlorobutadiene	0.5	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
87-61-6	1,2,3-Trichlorobenzene	1	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
	VOC'S BY GC/MS	1	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER

# UNDERGROUND STORAGE TANK SECTION FIELD/LAB FORM

NORTH CAROLINA

Dept. of Environment and Natural Resources  
Division of Waste Management - UST Section

COUNTY : Robeson  
QUAD NO : \_\_\_\_\_  
LATITUDE : \_\_\_\_\_  
LONGITUDE : \_\_\_\_\_

☒ ROUTINE ☐ EMERGENCY

1140122

REPORT TO : UST-Fayetteville Regional Office

COLLECTOR(S) : Ken Gussle

DATE : 5/26/11

TIME : 1:25pm

☐ CHAIN OF CUSTODY

SAMPLE TYPE

☐ Soil  
☒ Water  
☐ Other

3

V347666793371 WSW-1

Location Code: \_\_\_\_\_

PURPOSE (circle): Baseline, Complaint, Compliance, LUST, Pesticide Study, Federal Trust, Other: \_\_\_\_\_

Field Analysis

Owner: \_\_\_\_\_

SAM BRYANT Property

pH \_\_\_\_\_ units Spec. Cond: at 25°C \_\_\_\_\_ umhos/cm2 Location or Site: \_\_\_\_\_

WSW-1

Odor \_\_\_\_\_ Temperature \_\_\_\_\_ °C

Description of sampling point: \_\_\_\_\_

outside tap

Appearance \_\_\_\_\_

Sampling Method: \_\_\_\_\_

grab

(Pump, bailer, etc.)

Field Analysis by \_\_\_\_\_

Remarks: \_\_\_\_\_

purged 10 minutes

(pumping time, air temp., etc)

Lab Number : AB71936  
Date Received : 5-27-11  
Time Received : 8:00  
Received By : mys

Released By : \_\_\_\_\_

Date reported : \_\_\_\_\_

## LABORATORY ANALYSIS

BOD	Dissolved Solids	Ag-Silver	Organochlorine Pesticides
COD High	Fluoride	Al-Aluminum	Organophosphorus Pesticides
COD Low	Hardness: total	As-Arsenic	Nitrogen Pesticides
Coliform: MF Fecal	Hardness: (non-carb)	Ba-Barium	
Coliform: MF Total	Phenols	Ca-Calcium	Acid Herbicides
TOC	Specific Conductivity	Cd-Cadmium	
Turbidity	Sulfate	Cr-Chromium *	Semi-volatiles
Residue, Suspended	Sulfide	Cu-Copper	TPH-Diesel Range
	MBAS	Fe-Iron	<input checked="" type="checkbox"/> Volatile Organics (VOA bottle)
pH	Oil and Grease	Hg-Mercury	
Alkalinity to pH 4.5	Silica	K-Potassium	TPH-Gasoline Range
Alkalinity to pH 8.3	Boron	Mg-Magnesium	TPH-BTEX Gasoline Range
Carbonate	Formaldehyde	Mn-Manganese	
Bicarbonate	NH <sub>3</sub> as N 610	Na-Sodium	
Carbon dioxide	TKN as N 625	Ni-Nickel	
Chloride	NO <sub>2</sub> + NO <sub>3</sub> as N 630	Pb-Lead *	
Chromium: Hex	P: Total as P	Se-Selenium	
Color: True 80	PO <sub>4</sub>	Zn-Zinc	
Cyanide			

Temperature on arrival (°C): 21

\* Metals analyses of groundwater samples (excluding Mercury) require Standard Methods 3030C Preliminary Treatment for Acid Extractable Metals.

COMMENTS: \_\_\_\_\_

# NC DWO Laboratory Section Results

County: **ROBESON**  
 River Basin  
 Report To: **FROUST**  
 Collector: **K CURRIE**  
 Region: **FRO**  
 Sample Matrix: **GROUNDWATER**  
 Loc. Type: **EFFLUENT**  
 Emergency Yes/No  
 COC Yes/No



Sample ID: **AB71937**  
 PO Number #: **11U0123**  
 Date Received: **05/27/2011**  
 Time Received: **08:00**  
 Labworks LoginID: **DLEAVITT**  
 Report Generated: **6/14/11**  
 Date Reported: **06/14/2011**

VisitID

Loc. Descr.: **SAM BRYANT PROPERTY**

*info to 14-11*

Location ID: <b>U347666793371WSW-2</b>	Collect Date: <b>05/26/2011</b>	Collect Time: <b>13:50</b>	Sample Depth
--	---------------------------------	----------------------------	--------------

CAS #	Analyte Name	PQL	Result/ Qualifier	Units	Method Reference	Analysis Date	Validated by
<b>LAB</b>							
	Sample temperature at receipt by lab		<b>2.1</b>	°C		5/27/11	DLEAVITT
<b>VOL</b>							
	Volatile Organics in liquid		<u>TITLE</u>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
75-71-8	Dichlorodifluoromethane	1	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
74-87-3	Chloromethane	1	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
75-01-4	Vinyl Chloride	0.5	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
74-83-9	Bromomethane	1	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
75-00-3	Chloroethane	0.5	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
75-69-4	Trichlorofluoromethane	0.5	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
75-35-4	1,1-Dichloroethene	0.25	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
75-09-2	Methylene Chloride	10	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
156-60-5	trans-1,2-Dichloroethene	0.25	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
1634-04-4	Methyl Tert-Butyl Ether	0.25	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
75-34-3	1,1-Dichloroethane	0.25	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
156-59-2	cis-1,2-Dichloroethene	0.25	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
74-97-5	Bromochloromethane	0.25	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
67-66-3	Chloroform	0.25	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
594-20-7	2,2-Dichloropropane	0.25	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
107-06-2	1,2-Dichloroethane	0.25	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
71-55-6	1,1,1-Trichloroethane	0.25	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
563-58-6	1,1-Dichloropropene	0.25	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
56-23-5	Carbon Tetrachloride	0.25	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
71-43-2	Benzene	0.25	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
74-95-3	Dibromomethane	1	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
78-87-5	1,2-Dichloropropane	0.25	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
79-01-6	Trichloroethene	0.25	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
75-27-4	Bromodichloromethane	0.25	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
10061-01-5	cis-1,3-Dichloropropene	0.25	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
10061-02-6	trans-1,3-Dichloropropene	0.25	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
79-00-5	1,1,2-Trichloroethane	0.25	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
108-88-3	Toluene	0.25	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
142-28-9	1,3-Dichloropropane	0.25	<b>Not detected</b>	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER

Laboratory Section>> 1623 Mail Service Center, Raleigh, NC 27699-1623 (919) 733-3908

For a detailed description of the qualifier codes refer to [http://portal.nodcnr.org/web/wq/lab/staffinfo/techassisist/Data\\_Qualifier\\_Codes](http://portal.nodcnr.org/web/wq/lab/staffinfo/techassisist/Data_Qualifier_Codes) <<http://portal.nodcnr.org/web/wq/lab/staffinfo/techassisist>>



*NC DWQ Laboratory Section Results*

Location ID: **U347666793371WSW-2**

Sample ID: **AB71937**

Collect Date: **05/26/2011**

Collect Time: **13:50**

**VOL**

<u>CAS #</u>	<u>Analyte Name</u>	<u>PQL</u>	<u>Result/ Qualifier</u>	<u>Units</u>	<u>Method Reference</u>	<u>Analysis Date</u>	<u>Validated by</u>
124-48-1	Dibromochloromethane	0.5	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
106-93-4	(EDB)1,2-Dibromoethane	0.5	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
127-18-4	Tetrachloroethene	0.25	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
108-90-7	Chlorobenzene	0.25	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
100-41-4	Ethylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
75-25-2	Bromoform	1	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
108-38-3	m,p-Xylene	1	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
100-42-5	Styrene	0.25	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
79-34-5	1,1,2,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
630-20-6	1,1,1,2-Tetrachloroethane	0.25	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
95-47-6	o-Xylene	0.25	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
96-18-4	1,2,3-Trichloropropane	0.25	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
98-82-8	Isopropylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
108-86-1	Bromobenzene	0.25	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
103-65-1	n-Propylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
95-49-8	2-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
106-43-4	4-Chlorotoluene	0.25	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
108-67-8	1,3,5-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
98-06-6	tert-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
95-63-6	1,2,4-Trimethylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
135-98-8	sec-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
541-73-1	m-Dichlorobenzene (1,3)	0.25	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
106-46-7	p-Dichlorobenzene (1,4)	0.25	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
95-50-1	o-Dichlorobenzene (1,2)	0.25	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
99-87-6	p-Isopropyltoluene	0.25	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
104-51-8	n-Butylbenzene	0.25	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
96-12-8	1,2-Dibromo-3-Chloropropane	2	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
120-82-1	1,2,4-Trichlorobenzene	0.5	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
91-20-3	Naphthalene	0.5	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
87-68-3	Hexachlorobutadiene	0.5	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
87-61-6	1,2,3-Trichlorobenzene	1	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER
	VOC'S BY GC/MS	1	Not detected	ug/L	EPA5030/624/8260	5/27/11	ACHANDLER

# UNDERGROUND STORAGE TANK SECTION FIELD/LAB FORM

NORTH CAROLINA

Dept. of Environment and Natural Resources  
Division of Waste Management - UST Section

COUNTY : Robeson

QUAD NO. : \_\_\_\_\_

LATITUDE : \_\_\_\_\_

LONGITUDE : \_\_\_\_\_

REPORT TO : UST-Fayetteville Regional Office

COLLECTOR(S) : Ken Goffe

DATE : 5/26/11

TIME : 1:50 pm

PURPOSE (circle): Baseline, Complaint, Compliance, LUST, Pesticide Study, Federal Trust, Other: \_\_\_\_\_

## Field Analysis

Owner: \_\_\_\_\_

pH \_\_\_\_\_ units Spec. Cond: at 25°C \_\_\_\_\_ umhos/cm2 Location or Site: \_\_\_\_\_

Odor \_\_\_\_\_ Temperature \_\_\_\_\_ °C

Appearance \_\_\_\_\_

Field Analysis by \_\_\_\_\_

Sampling Method: \_\_\_\_\_

Remarks: \_\_\_\_\_

## SAMPLE PRIORITY

☒ ROUTINE

☐ EMERGENCY

☐ CHAIN OF CUSTODY.

## SAMPLE TYPE

☐ Soil

☒ Water

☐ Other \_\_\_\_\_

Location Code: \_\_\_\_\_

1140123

Lab Number : AB71937

Date Received : 5-27-11

Time Received : 8:00

Received By : mp

Released By : \_\_\_\_\_

Date reported : \_\_\_\_\_

Sam Bryant Property

WSW-2

outside tap

grab

Purged 10 minutes

(Pump, bailer, etc.)

(pumping time, air temp., etc.)

## LABORATORY ANALYSIS

BOD
COD High
COD Low
Coliform; MF Fecal
Coliform; MF Total
TOC
Turbidity
Residue, Suspended
pH
Alkalinity to pH 4.5
Alkalinity to pH 8.3
Carbonate
Bicarbonate
Carbon dioxide
Chloride
Chromium: Hex
Color: True 80
Cyanide

Dissolved Solids
Fluoride
Hardness: total
Hardness: (non-carb)
Phenols
Specific Conductivity
Sulfate
Sulfide
MBAS
Oil and Grease
Silica
Boron
Formaldehyde
NH3 as N 610
TKN as N 625
NO2 + NO3 as N 630
P: Total as P
PO4

Ag-Silver
Al-Aluminum
As-Arsenic
Ba-Barium
Ca-Calcium
Cd-Cadmium
Cr-Chromium *
Cu-Copper
Fe-Iron
Hg-Mercury
K-Potassium
Mg-Magnesium
Mn-Manganese
Na-Sodium
Ni-Nickel
Pb-Lead *
Se-Selenium
Zn-Zinc

Organochlorine Pesticides
Organophosphorus Pesticides
Nitrogen Pesticides
Acid Herbicides
Semivolatiles
TPH-Diesel Range
<input checked="" type="checkbox"/> Volatile Organics (VOA bottle)
TPH-Gasoline Range
TPH-BTEX Gasoline Range
Temperature on arrival (°C): <u>2.1</u>

\* Metals analyses of groundwater samples (excluding Mercury) require Standard Methods 3030C. Preliminary Treatment for Acid Extractable Metals.

COMMENTS : \_\_\_\_\_



NORTH CAROLINA  
Environmental Quality

ROY COOPER  
Governor

MICHAEL S. REGAN  
Secretary

MICHAEL SCOTT  
Director

October 24, 2018

Mark Warren  
Oak Island Transport, LLC.  
232 NE 33rd Street  
Oak Island NC 28465

Re: Notice of No Further Action  
15A NCAC 2L .0106  
Corrective Action

Oak Island Transport Spill  
Hwy 74, Maxton,  
Robeson County, NC  
Incident Number: 92139

Dear Mr. Warren:

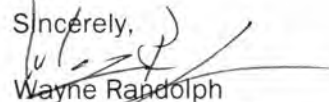
The UST Section, Division of Waste Management, Fayetteville Regional Office has reviewed records on file for the above incident. This review indicates that soil contamination does not equal or exceed soil-to-groundwater maximum contaminant concentrations.

Based on information provided to date, the UST Section determines that no further action is warranted for this incident. This determination shall apply unless the UST Section later finds that the discharge or release poses an unacceptable risk or a potentially unacceptable risk to human health or the environment.

This No Further Action determination applies only to the subject incident; for any other incidents at the subject site, the responsible party must continue to address contamination as required.

If you have any questions regarding this notice, please contact me at the address or telephone number listed below.

Sincerely,

  
Wayne Randolph  
Regional Supervisor  
UST Section, Division of Waste Management, NCDEQ

cc: Robeson County Health Department, 460 Country Club Road Lumberton, NC 28360  
Art Barnhardt (email)







April 16, 2008

Mr. Bruce E. Lefler, Jr.  
*Hydrogeologist*  
**NCDENR-Inactive Hazardous Sites Branch**  
**Superfund Section**  
1646 Mail Service Center  
Raleigh, North Carolina 27699

**Re:    *Maxton Dump (NONCD0000524)***  
***Water Supply Well Confirmation Sampling***  
***Task Order 11B***  
***Robeson County, North Carolina***  
***Contractor's Contract No. N06010S***  
***MM&A Project No. NCUL111-03***

Dear Mr. Lefler:

Marshall Miller & Associates, Inc. (MM&A) was contracted by the North Carolina Department of Environment and Natural Resources (NCDENR), Division of Waste Management, Inactive Hazardous Sites Branch, Superfund Section, to conduct confirmation sampling of one water supply well, Well No. 1, located within approximately 500 feet of the referenced old unlined landfill site. This additional sampling was conducted to confirm the analytical results of beryllium, chromium, copper, iron, lead, nickel, and zinc which had been detected in a sample from this well during prior sampling performed by MM&A on June 14, 2007.

***Prior Sampling Event***

The June 2007 sampling event was performed to determine whether previous dumping activities had affected the quality of the ground water used by some residences in the area for their potable water supply. The results of the June 2007 sampling event were detailed in a MM&A report dated August 23, 2007 and are summarized as follows.

The sample from Well No. 1 was submitted to a laboratory and analyzed for volatile organic compounds (VOCs) using Environmental Protection Agency (EPA) Method 8260B; for semi-volatile organic

**5825 Triangle Drive / Raleigh, NC 27617 / Tel: (919) 786-1414 / Fax: (919) 786-1418**

**Web Site – [http:// www.mma1.com](http://www.mma1.com) • E-mail – [corp@mma1.com](mailto:corp@mma1.com)**

**Branch Offices in Charleston, WV / Harrisburg, PA / Kansas City, KS / Kingsport, TN / Lexington, KY / Raleigh, NC / Richmond, VA**

compounds (SVOCs) using EPA Method 8270C; and for 15 metals (antimony, arsenic, beryllium, cadmium, chromium, copper, iron, lead, manganese, mercury, nickel, selenium, silver, thallium, and zinc) using EPA Methods 6010B, 6020, and 7470A. The screening criteria used for evaluation of the ground water data were the EPA National Primary and Secondary Drinking Water Standards – Maximum Contaminant Levels (MCLs), the EPA National Primary Drinking Water Standards – Maximum Contaminant Level Goals (MCLGs), and North Carolina's *Administrative Code Title 15A, Subchapter 2L: Classifications and Water Quality Standards Applicable to The Groundwaters of North Carolina* (2L).

The June 2007 analytical results from Well No. 1 revealed that no detectable concentrations of VOCs or SVOCs were present. Beryllium, chromium, copper, iron, nickel, and zinc were detected in the sample but were present at concentrations below the MCL, MCLG, and 2L standards. Lead was detected in the sample at above the MCLG standard but below the MCL and 2L standards.

Due to the detection of metals in the sample, NCDENR requested that MM&A resample Well No. 1 and have the sample analyzed specifically for the seven detected metals (beryllium, chromium, copper, iron, lead, nickel, and zinc) to confirm the initial results. Although not included in the prior sampling event, NCDENR requested that Well No. 1 also be analyzed for ammonia, nitrate, and sulfate.

### ***Re-Sampling Event***

MM&A personnel resampled Well No. 1 on March 4, 2008. *Table 1 of Attachment A* provides pertinent information about Well No. 1, and its location is depicted in *Figures 1 and 2 of Attachment B*.

The well was sampled in accordance with the *Sampling and Analysis Plan* (dated December 2006) prepared for this contract. During purging, field measurements were obtained including pH, temperature, turbidity, and specific conductance. *Table 2 of Attachment A* summarizes the field data collected during sampling, and a copy of the *Sampling Log* is included as **Attachment C**. The sample was transported to Prism Laboratories, Inc. of Charlotte, North Carolina (NC Certification No. 402) for analysis.

Due to a change in the NCDENR protocol with regards to the screening criteria, the results of the confirmation sampling of Well No. 1 were compared only to the 2L standards and revealed the following:






- Although detected in the prior sampling, beryllium and chromium were not detected in the confirmation sampling of Well No. 1 at or above the respective method detection limits (MDLs) or reporting limits (RLs) for the analytical methods.
- Copper, iron, lead, nickel, and zinc were detected in the confirmation sample at or above the respective MDLs or RLs for the analytical methods but at concentrations below the respective 2L standards for each constituent.
  - Although detected in quantities below the laboratory's established control limits and not flagged in the results, copper, lead and nickel were also detected above their respective MDLs in the laboratory's method blank.
- Ammonia was detected in the confirmation sample. However, there is no 2L standard for this constituent.
  - Although detected in quantities below the laboratory's established control limits and not flagged in the results, ammonia was also detected above the MDL in the laboratory's method blank.
- Nitrate and sulfate were detected in the confirmation sample but at a concentration below the respective 2L standards.
- Constituents reported with a "J" flag on the laboratory analysis were detected at concentrations above the respective MDLs but below the respective RLs and represent estimated values.

The analytical results are summarized in *Table 3* of **Attachment A**. The complete laboratory report for the March 5, 2008, sampling event is contained in **Attachment D**.

Two copies of this letter report have been provided. If you have any questions or need additional information, please call us anytime.

Sincerely,

**MARSHALL MILLER & ASSOCIATES, INC.**

  
Amy E. Hendershot  
Staff Scientist

  
Andrew Waggener  
Program Manager

cc: File NCDENR/NCUL111-03

Attachments



## **ATTACHMENT A**

*Table 1 – Water Supply Well Data*

*Table 2 – Field Parameters*

*Table 3 – Summary of Analytical Laboratory Results*

**Table 1**  
**Water Supply Well Data**  
*Maxton Dump - NONCD0000524*  
*Robeson County, North Carolina*

Well No.	Owner's Name	Mailing Address	Site	Map Number	State Plane Coordinates (Meters)		NAD 83		Permission	Sampled	Remarks
					State Plane X	State Plane Y	Latitude	Longitude			
1	Ms. Earnestine McRae	804 McCaskill Ave., Maxton, NC 28364	804 McCaskill Ave.	110301030	577970.16	111117.02	34° 45' 4.245"	-79° 20' 43.749"	Yes	Yes	n/a

**Table 2**  
**Field Parameters**  
*Maxton Dump - NONCD0000524*  
*Robeson County, North Carolina*

Well No.	Date	Time	Turbidity (ntu)	Temperature (°C)	Conductivity (µs/cm)	pH
1	3/4/2008	15:07	7.50	17.48	0.031	8.60
		15:12	22.20	15.20	0.054	6.05
		15:17	8.05	16.30	*	5.47
		15:22	4.41	17.10	*	5.00
		15:27	2.48	17.40	*	4.57
		15:32	1.15	17.53	*	4.35
		15:37	0.75	17.60	*	4.18
		15:42	0.65	17.58	*	4.13

\* Stable conductivity readings could not be achieved.

Note:

Field parameters measured utilizing a YSI 556 MPS (Multiprobe System) and LaMotte 2020 Turbidity Meter.


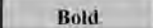
ntu = Nephelometric Turbidity Units

°C = degrees Celsius

µs/cm = microsiemens per centimeter



**Table 3**  
**Summary of Analytical Laboratory Results**  
**Maxton Dump - NONCD0000524**  
**Robeson County, North Carolina**

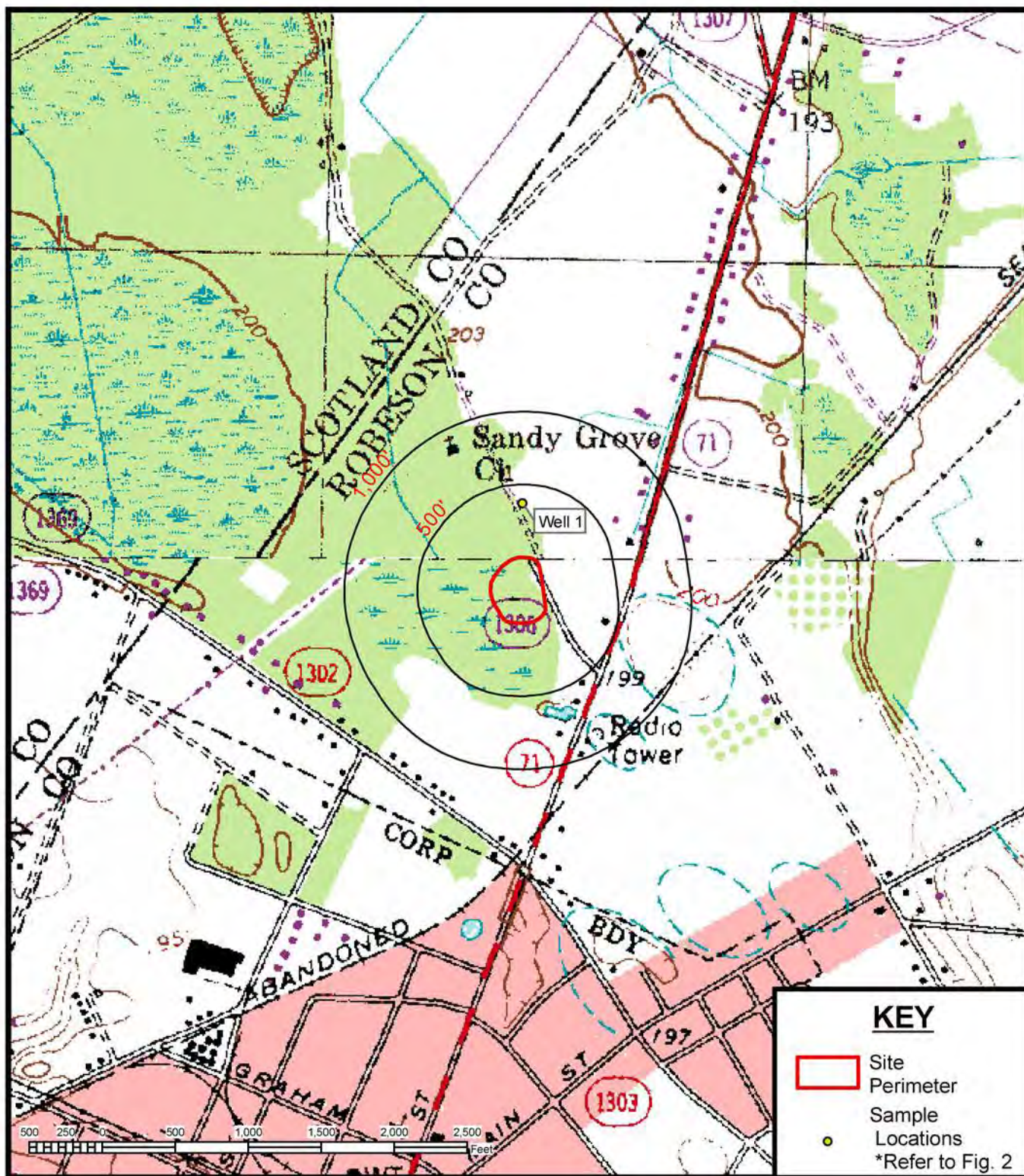
Client Sample ID	Water Quality Standards			Well No. 1	
Date Sample Collected	MCL <sup>1</sup>	MCLG <sup>2</sup>	2L <sup>3</sup>	6/14/2007	3/4/2008
<b>Metals by EPA Methods 6010B/6020 (mg/L) <sup>4</sup></b>					
Beryllium	0.004	0.004	NS	<b>0.0004 J</b>	<0.0002
Chromium	0.1	0.1	0.05	0.0019 J	<0.0018
Copper	1.3	1.3	1.0	0.029	0.045
Iron	0.3*	NS	0.3	0.083	0.17
Lead	0.015	0	0.015	0.0025	0.0048
Nickel	NS	NS	0.1	0.0039 J	0.0015 J
Zinc	5 *	NS	1.05	0.13	0.093
<b>Ammonia by Standard Method SM4500 (mg/L)</b>					
Ammonia	NS	NS	NS	NA	<b>0.026 J</b>
<b>Nitrate and Sulfate by EPA Method 9056 (mg/L)</b>					
Nitrate	10	10	10.0	NA	1.8
Sulfate	250*	NS	250.0	NA	0.21 J
<b>Notes:</b>					
<sup>1</sup> US Environmental Protection Agency's National Primary Drinking Water Standards-Maximum Contaminant Level					
<sup>2</sup> US Environmental Protection Agency's National Primary Drinking Water Standards-Maximum Contaminant Level Goal					
<sup>3</sup> NC Administrative Code Title 15A, Subchapter 2L: Classifications and Water Quality Standards Applicable to The Groundwaters of North Carolina					
<sup>4</sup> Of the seven analyzed metals, only cadmium was not detected in the laboratory's method blank. Chromium, copper, lead, and nickel were detected at concentrations above the respective MDLs.					
NS = No Standard					
NA = Not Analyzed					
J = The analyte was positively identified but the value is estimated below the reporting limit.					
* indicates National Secondary Drinking Water Standard.					
 indicates the analyte was detected.					
<b>Bold</b>  indicates the analyte detection exceeds the 2L standard or there is no 2L standard established for the analyte.					

## **ATTACHMENT B**

*Figure 1 – Topographic Map*

*Figure 2 – Property/Sampling Location Map*





**FIGURE 1**

WATER SUPPLY WELL SAMPLING  
MAXTON DUMP  
NONCD0000524  
MAXTON, ROBESON COUNTY,  
NORTH CAROLINA

1 inch equals 1,000 feet

**TOPOGRAPHIC MAP**

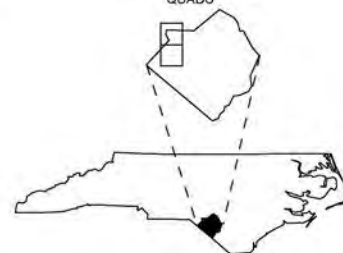
Prepared by:



NCUL111 07/2007

SOURCE:  
United States Geological Survey  
7.5" Quadrangles -  
Wakulla, NC 1949, Photorevised 1982  
Maxton, NC 1974, Photorevised 1982

ROBESON COUNTY  
WAKULLA & MAXTON  
QUADS



NORTH CAROLINA  
QUADRANGLE LOCATION

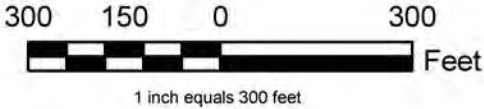
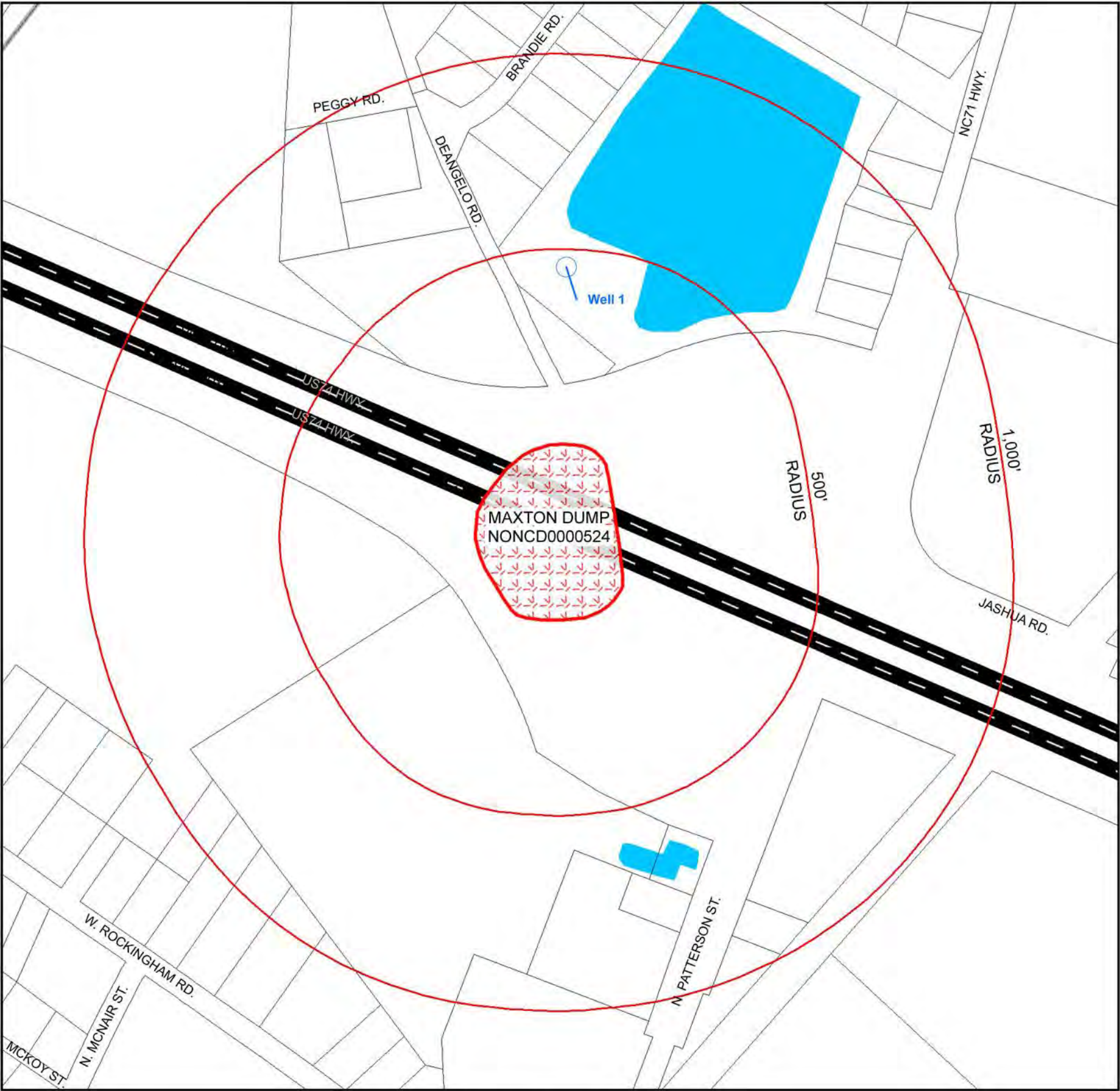


SAMPLE LOCATION LEGEND

SAMPLE ID	PROPERTY OWNER/ ADDRESS	WELL LOCATION
Well 1	Ms. Earnestine McRae 804 McCaskill Ave. Maxton, NC 28364	804 McCaskill Ave.

Legend

- EXISTING PROPERTY LINE
- SITE
- POND
- SAMPLED WATER SUPPLY WELL



No. Date Revision

DESIGNED: JAH  
DRAWN: JAH  
CHECKED: DW  
DATE: 07/23/2007  
SCALE: 1" = 300'  
PROJECT NO.: NCUL 111  
FILE NO.: NCUL Well Samp.MXD

WATER SUPPLY WELL SAMPLING  
MAXTON DUMP  
NONCD0000524  
MAXTON, ROBESON COUNTY, N.C.  
PROPERTY/SAMPLING LOCATION MAP

**ATTACHMENT C**  
*Sampling Log*



Date: 03/04/08Project No.: NCUL111-03Well ID: 1

## SAMPLING LOG OLD LANDFILL INVENTORY

County: Robeson Site: Maxton DumpID No.: NONCD000524 Project Lead: Khalil PorterSampling Team: Amy HendershotWeather Conditions: Completely overcast; mid 50'sMeter Calibrations: Issues w/ conductivity calibration in am. but done.Occupant: Ms. Earnestine McRae Telephone: 910-844-5278Site Location: 2 DeAngelo St, Maxton, NC

### Potable Well Sampling

Analysis: Metals: Be, Cr, Cu, Fe, Pb, Ni, and Zn; Ammonia, Nitrate, Sulfate.Sample Collected by: Amy HendershotStart Time: 1507 Sample Time: 1535

Time	1507	1512	1517	1522	1527	1532
Turbidity (ntu)	<del>7.50</del> 1.06	<del>22.2</del> 2.2	8.05	4.41	<del>2.48</del> 1.15	1.15
Temperature (°C)	17.48	15.20	16.30	17.10	17.40	17.53
Conductivity (µS/cm)	0.031	0.054	-0.03/ 0.164*	-0.06/ 0.032*	-0.06/ 0.370*	-0.06/ 0.148
pH	8.60	6.05	5.47	5.00	4.57	4.35

Notes: \*Conductivity would not settle in to recording. Little red flecks (likely iron) were visible in every sample in field. Water smells of iron.

Page 1 of 2

Signed by



Date: 3/4/08Project No.: NCUL111-03Well ID: 1

## SAMPLING LOG OLD LANDFILL INVENTORY

County: Robeson Site: Maxton DumpID No.: NONCD000524 Project Lead: Khalil PorterSampling Team: Jale Dodge & Amy HendushekWeather Conditions: SomeMeter Calibrations: SomeOccupant: Ms. Earnestine McRae Telephone: 910-844-5278Site Location: 2 DeAngelo St, Maxton, NC

### Potable Well Sampling

Analysis: Metals: Be, Cr, Cu, Fe, Pb, Ni, and Zn; Ammonia, Nitrate, Sulfate.Sample Collected by: Amy HendushekStart Time: 1507 Sample Time: 1547

Time	1537	1542				
Turbidity (ntu)	0.75	0.65				
Temperature (°C)	17.60	17.58				
Conductivity (µS/cm)	0.061/ 0.032 *	0.002/ 0.074 *				
pH	4.18	4.13				

Notes: \_\_\_\_\_

Page 2 of 2Signed by JSC [Signature]

**ATTACHMENT D**  
*Analytical Laboratory Results*



## Case Narrative

**Date:** 03/31/08  
**Company:** Marshall Miller & Associates  
**Contact:** Khalil Porter  
**Address:** 5825 Triangle Dr.  
Raleigh, NC 27617

**Client Project ID:** Maxton Dump Confirmation Sampling  
**Prism COC Group No:** G0308304  
**Collection Date(s):** 3/4/08 thru 3/5/08  
**Lab Submittal Date(s):** 03/07/08  
**Client Project Name Or No:** Maxton, NC NCUL111-03

This data package contains the analytical results for the project identified above and includes a Case Narrative, Laboratory Report and Quality Control Data totaling 6 pages. A chain-of-custody is also attached for the samples submitted to Prism for this project.

Data qualifiers are flagged individually on each sample. A key reference for the data qualifiers appears at the end of this case narrative. Quality control statements and/or sample specific remarks are included in the sample comments section of the laboratory report for each sample affected.

### Semi Volatile Analysis

N/A

### Volatile Analysis

N/A

### Metals Analysis

Analysis Note for Q30885 Method Blank Iron: MB is greater than 1/2 the reporting limit.

Analysis Note for Q30885 Method Blank Nickel: MB is greater than 1/2 the reporting limit.

Analysis Note for Q30885 MS Iron: Sample concentration too high for recovery evaluation.

Analysis Note for Q30885 MS Manganese: Sample concentration too high for recovery evaluation.

Analysis Note for Q30885 MSD Iron: Sample concentration too high for recovery evaluation.

Analysis Note for Q30884 Lead - No MSD with this batch.

### Wet Lab and Micro Analysis

Analysis Note for Q30865 MSD Sulfate: MSD recovery outside the control limits.

Analysis Note for Nitrate - Sample was received & analyzed outside of the recommended holding time.

Please call if you have any questions relating to this analytical report.

**Date Reviewed by:** Paula A. Gilleland

**Signature:**

**Review Date:** 03/31/08

**Project Manager:** Angela D. Overcash

**Signature:**

**Approval Date:** 03/31/08

### **Data Qualifiers Key Reference:**

B: Compound also detected in the method blank.

#: Result outside of the QC limits.

DO: Compound diluted out.

E: Estimated concentration, calibration range exceeded.

J: The analyte was positively identified but the value is estimated below the reporting limit.

H: Estimated concentration with a high bias.

L: Estimated concentration with a low bias.

M: A matrix effect is present.

Notes: This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc. The results in this report relate only to the samples submitted for analysis.



NC Certification No. 402  
 SC Certification No. 99012  
 NC Drinking Water Cert. No. 37735

# Laboratory Report

03/31/08

Marshall Miller & Associates  
 Attn: Khalil Porter  
 5825 Triangle Dr.  
 Raleigh, NC 27617

Project Name: Maxton, NC  
 Project ID: Maxton Dump  
 Confirmation Sampling  
 Project No.: NCUL111-03  
 Sample Matrix: Water

Client Sample ID: Maxton Dump-Well 1  
 Prism Sample ID: 208039  
 COC Group: G0308304  
 Time Collected: 03/04/08 15:47  
 Time Submitted: 03/07/08 15:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
<b><u>Ammonia Nitrogen by Automated Phenate Method</u></b>									
Ammonia	0.026 J	mg/L	0.10	0.0083	1	SM4500-NH3 H	03/17/08 12:39	heaster	Q30976
<b><u>Metals by ICP</u></b>									
Beryllium	BRL	mg/L	0.0020	0.0002	1	6010B	03/13/08 19:45	mcampbell	Q30885
Chromium	BRL	mg/L	0.0050	0.0018	1	6010B	03/13/08 19:45	mcampbell	Q30885
Copper	0.045	mg/L	0.010	0.0010	1	6010B	03/13/08 19:45	mcampbell	Q30885
Iron	0.17	mg/L	0.050	0.037	1	6010B	03/13/08 19:45	mcampbell	Q30885
Nickel	0.0015 J	mg/L	0.010	0.0009	1	6010B	03/13/08 19:45	mcampbell	Q30885
Sample Preparation: 50 mL / 50 mL SM3030 C 03/07/08 15:50 mbarber P21022									
<b><u>Metals by ICP/MS</u></b>									
Lead	0.0048	mg/L	0.0010	0.0001	1	6020	03/12/08 16:08	mcampbell	Q30884
Sample Preparation: 50 mL / 50 mL SM3030 C 03/07/08 15:50 mbarber P21035									
<b><u>Metals by ICP</u></b>									
Zinc	0.093	mg/L	0.030	0.0023	1	6010B	03/20/08 18:36	mcampbell	Q31116
Sample Preparation: 50 mL / 50 mL 3010A 03/19/08 6:50 mbarber P21093									
<b><u>Nitrate by Ion Chromatography</u></b>									
Nitrate	1.8	mg/L	0.20	0.020	2	9056	03/08/08 2:04	celfaki	Q30864
<b><u>Sulfate by Ion Chromatography</u></b>									
Sulfate	0.21 J	mg/L	2.0	0.050	2	9056	03/08/08 2:04	celfaki	Q30865

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Page 1 of 2



NC Certification No. 402  
SC Certification No. 99012  
NC Drinking Water Cert. No. 37735

# Laboratory Report

03/31/08

Marshall Miller & Associates  
Attn: Khalil Porter  
5825 Triangle Dr.  
Raleigh, NC 27617

Project Name: Maxton, NC  
Project ID: Maxton Dump  
Confirmation Sampling  
Project No.: NCUL111-03  
Sample Matrix: Water

Client Sample ID: Maxton Dump-Well 1  
Prism Sample ID: 208039  
COC Group: G0308304  
Time Collected: 03/04/08 15:47  
Time Submitted: 03/07/08 15:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
-----------	--------	-------	-----------------	-----	--------------------	--------	-----------------------	---------	-------------

## Sample Comment(s):

*BRL = Below Reporting Limit*

*J- Estimated value between the Reporting Limit and the MDL*

*The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.*

*All results are reported on a wet-weight basis*

Angela D. Overcash, V.P. Laboratory Services





NC Certification No. 402  
 SC Certification No. 99012  
 NC Drinking Water Cert. No. 37735

# Level II QC Report

3/31/08

Marshall Miller & Associates  
 Attn: Khalil Porter  
 5825 Triangle Dr.  
 Raleigh, NC 27617

Project Name: Maxton, NC  
 Project ID: Maxton Dump  
 Project No.: Confirmation Sampling  
 NCUL111-03

COC Group Number: G0308304  
 Date/Time Submitted: 3/7/08 15:45

## Nitrate by Ion Chromatography, method 9056

Method Blank							QC Batch ID		
	Result	RL	Control Limit	Units					
Nitrate	ND	0.1	<0.05	mg/L				Q30864	
Laboratory Control Sample					Recovery %	Recovery Ranges %		QC Batch ID	
	Result	Spike Amount		Units					
Nitrate	4.951	5		mg/L	99	90-110		Q30864	
Matrix Spike					Recovery %	Recovery Ranges %		QC Batch ID	
Sample ID:	Result	Spike Amount		Units					
208039 Nitrate	9.894	8.34		mg/L	98	90-110		Q30864	
Matrix Spike Duplicate					Recovery %	Recovery Ranges %	RPD %	RPD Range %	QC Batch ID
Sample ID:	Result	Spike Amount		Units					
208039 Nitrate	9.917	8.34		mg/L	98	90-110	0	0 - 20	Q30864

## Sulfate by Ion Chromatography, method 9056

Method Blank							QC Batch ID	
	Result	RL	Control Limit	Units				
Sulfate	ND	1	<0.5	mg/L				Q30865
Laboratory Control Sample							QC Batch ID	
	Result	Spike Amount		Units	Recovery %	Recovery Ranges %		
Sulfate	5.081	5		mg/L	102	90-110		Q30865
Matrix Spike							QC Batch ID	
Sample ID:	Result	Spike Amount		Units	Recovery %	Recovery Ranges %		
208039 Sulfate	9.348	8.34		mg/L	110	90-110		Q30865
Matrix Spike Duplicate							QC Batch ID	
Sample ID:	Result	Spike Amount		Units	Recovery %	Recovery Ranges %	RPD %	RPD Range %
208039 Sulfate	9.775	8.34		mg/L	115 #	90-110	4	0 - 20

## Metals by ICP/MS, method 6020

Method Blank							QC Batch ID
	Result	RL	Control Limit	Units			
Lead	0.251	1	<0.5	µg/L			Q30884
Laboratory Control Sample							QC Batch ID
	Result	Spike Amount		Units	Recovery %	Recovery Ranges %	
Lead	253.200	250		µg/L	101	80-120	Q30884
Matrix Spike							QC Batch ID
Sample ID:	Result	Spike Amount		Units	Recovery %	Recovery Ranges %	
208043 Lead	245.60	250		µg/L	97	75-125	Q30884

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NC Certification No. 402  
 SC Certification No. 99012  
 NC Drinking Water Cert. No. 37735

# Level II QC Report

3/31/08

Marshall Miller & Associates  
 Attn: Khalil Porter  
 5825 Triangle Dr.  
 Raleigh, NC 27617

Project Name: Maxton, NC  
 Project ID: Maxton Dump  
 Project No.: Confirmation Sampling  
 NCUL111-03

COC Group Number: G0308304  
 Date/Time Submitted: 3/7/08 15:45

## Metals by ICP, method 6010B

Method Blank						QC Batch ID
	Result	RL	Control Limit	Units		
Beryllium	ND	0.002	<0.001	mg/L		Q30885
Chromium	0.0018	0.005	<0.0025	mg/L		Q30885
Copper	0.0014	0.01	<0.005	mg/L		Q30885
Iron	0.0292	0.05	<0.025	mg/L		Q30885
Nickel	0.0073	0.01	<0.005	mg/L		Q30885

Laboratory Control Sample							QC Batch ID
	Result	Spike Amount	Units	Recovery %	Recovery Ranges %		
Beryllium	0.2515	0.25	mg/L	101	80-120		Q30885
Chromium	0.2416	0.25	mg/L	97	80-120		Q30885
Copper	0.2525	0.25	mg/L	101	80-120		Q30885
Iron	1.04	1	mg/L	104	80-120		Q30885
Nickel	0.259	0.25	mg/L	104	80-120		Q30885

Matrix Spike							QC Batch ID
Sample ID:	Result	Spike Amount	Units	Recovery %	Recovery Ranges %		
207959 Beryllium	0.2373	0.25	mg/L	95	75-125		Q30885
Chromium	0.2261	0.25	mg/L	89	75-125		Q30885
Copper	0.2482	0.25	mg/L	93	75-125		Q30885
Iron	6.185	1	mg/L	126 #	75-125		Q30885
Nickel	0.2228	0.25	mg/L	85	75-125		Q30885

Matrix Spike Duplicate								
Sample ID:	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	RPD %	RPD Range %	QC Batch ID
207959 Beryllium	0.2409	0.25	mg/L	96	75-125	2	0 - 20	Q30885
Chromium	0.2293	0.25	mg/L	90	75-125	1	0 - 20	Q30885
Copper	0.2518	0.25	mg/L	95	75-125	1	0 - 20	Q30885
Iron	6.3747	1	mg/L	145 #	75-125	3	0 - 20	Q30885
Nickel	0.2264	0.25	mg/L	86	75-125	2	0 - 20	Q30885

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NC Certification No. 402  
 SC Certification No. 99012  
 NC Drinking Water Cert. No. 37735

# Level II QC Report

3/31/08

Marshall Miller & Associates  
 Attn: Khalil Porter  
 5825 Triangle Dr.  
 Raleigh, NC 27617

Project Name: Maxton, NC  
 Project ID: Maxton Dump  
 Project No.: Confirmation Sampling  
 NCUL111-03

COC Group Number: G0308304  
 Date/Time Submitted: 3/7/08 15:45

## Ammonia Nitrogen by Automated Phenate Method, method SM4500-NH3 H

Method Blank								QC Batch ID
	Result	RL	Control Limit	Units				
Ammonia	0.034	0.1	<0.05	mg/L				Q30976
Laboratory Control Sample								QC Batch ID
	Result	Spike Amount		Units	Recovery %	Recovery Ranges %		
Ammonia	2.416	2.5		mg/L	97	90-110		Q30976
Matrix Spike								QC Batch ID
Sample ID:	Result	Spike Amount		Units	Recovery %	Recovery Ranges %		
208037 Ammonia	2.496	2.5		mg/L	97	80-120		Q30976
Matrix Spike Duplicate								QC Batch ID
Sample ID:	Result	Spike Amount		Units	Recovery %	Recovery Ranges %	RPD %	RPD Range %
208037 Ammonia	2.488	2.5		mg/L	96	80-120	0	0 - 20

## Metals by ICP, method 6010B

Method Blank								QC Batch ID
	Result	RL	Control Limit	Units				
Zinc	0.0009	0.03	<0.015	mg/L				Q31116
Laboratory Control Sample								QC Batch ID
	Result	Spike Amount		Units	Recovery %	Recovery Ranges %		
Zinc	0.2448	0.25		mg/L	98	80-120		Q31116
Matrix Spike								QC Batch ID
Sample ID:	Result	Spike Amount		Units	Recovery %	Recovery Ranges %		
208037 Zinc	0.2689	0.25		mg/L	97	75-125		Q31116
Matrix Spike Duplicate								QC Batch ID
Sample ID:	Result	Spike Amount		Units	Recovery %	Recovery Ranges %	RPD %	RPD Range %
208037 Zinc	0.275	0.25		mg/L	99	75-125	2	0 - 20

#-See Case Narrative



\*666PRLFSF551\*



DocumentID NONCD0000524

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DocumentType Correspondence (C)

RptSegment 1

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Division Waste Management

Section Superfund

Program IHS (IHS)

DocCat Facility





## North Carolina Department of Environment and Natural Resources

Dexter R. Matthews, Director

Division of Waste Management

Michael F. Easley, Governor  
William G. Ross Jr., Secretary

January 7, 2009

Mr. William J. Smith, Director  
Robeson County Health Department  
460 Country Club Road  
Lumberton, NC 28360

Re: Water Supply Well Sampling Results  
Maxton Dump  
Robeson County, NC  
NONCD0000524

Dear Mr. Smith:

Please find attached a copy of a water supply well sampling report for one well located in the vicinity of the above referenced site which is an old landfill.

Marshall Miller & Associates, Inc., under contract with the NCDENR Division of Waste Management, has sampled these wells as part of an environmental assessment of that site.

If you have any questions, please contact me at (919) 508-8463.

Sincerely,

Bruce E. Lefler Jr., Hydrogeologist  
Inactive Hazardous Sites Branch  
NC Division of Waste Management

Attachment



## North Carolina Department of Environment and Natural Resources

Dexter R. Matthews, Director

Division of Waste Management

Michael F. Easley, Governor  
William G. Ross Jr., Secretary

January 7, 2009

Ms. Earnestine McRae  
804 McCaskill Avenue  
Maxton, NC 28364

Re: Water Supply Well Sampling Results  
804 McCaskill Avenue  
Robeson County, NC

Dear Ms. McRae:

On June 14, 2007 and March 4, 2008, Marshall Miller & Associates, Inc. sampled your water supply well as part of an environmental assessment of an old unlined landfill (Alexander Mills Dump – ID # NONCD0000551) located near the above referenced location. The samples were analyzed for the chemicals listed on the attached laboratory analytical reports. The chemicals listed below were detected in the samples collected from your well. Concentrations are expressed in parts per billion (ppb).

Chemical	6/14/07 Concentrations	3/4/08 Concentrations	USEPA MCL	NC 2L	Calculated Health Based Concentration
Beryllium	0.4 J	not detected	4	----	----
Chromium	1.9 J	not detected	100	----	----
Copper	29	45	1,300	----	----
Iron	83	170	NA	NA	2,500
Lead	2.5	4.8	NA	15	----
Nickel	3.9 J	1.5 J	NA	100	----
Zinc	130	93	NA	1,050	----
Ammonia	not analyzed	26 J	NA	NA	NA
Nitrate	not analyzed	1,800	10,000	----	----
Sulfate	not analyzed	210 J	NA	250,000	----

Bold concentrations exceed applicable standard.  
J – Estimated value.

NA – Not Available.  
---- - Not Applicable.

The health-based standards used to determine if the water is suitable for drinking, cooking, and all other residential purposes are the federal drinking water standards (USEPA MCL), or where there is no MCL, the North Carolina Groundwater Quality Standard (NC 2L), or where there is no MCL or 2L, a calculated health-based concentration.

1646 Mail Service Center, Raleigh, North Carolina 27699-1646  
Phone 919-508-8400 \ FAX 919-733-4811 \ Internet <http://wastenotnc.org>  
An Equal Opportunity / Affirmative Action Employer – Printed on Dual Purpose Recycled Paper

None of the chemicals detected in this well exceed applicable standards. Therefore, water from this well is suitable for drinking, cooking, and all other residential purposes.

If you have any questions, please contact me at (919) 508-8463.

Sincerely,

A handwritten signature in black ink that reads "Bruce E. Lefler Jr." with a stylized flourish at the end.

Bruce E. Lefler Jr., Hydrogeologist  
Inactive Hazardous Sites Branch  
NC Division of Waste Management

Attachment

cc Mr. William J. Smith, Director, Robeson County Health Department



**PRISM**  
LABORATORIES, INC.

## Case Narrative

Date: 07/05/07

Company: Marshall Miller & Associates

Contact: Khalil Porter

Address: 5825 Triangle Dr.

Raleigh, NC 27617

Client Project ID:

Robeson & Pender Counties - Well  
Sampling

Prism COC Group No:

G0607504

Collection Date(s):

6/13/07 thru 6/14/07

Lab Submittal Date(s):

06/15/07

This data package contains the analytical results for the project identified above and includes a Case Narrative, Laboratory Report and Quality Control Data totaling 78 pages. A chain-of-custody is also attached for the samples submitted to Prism for this project.

Data qualifiers are flagged individually on each sample. A key reference for the data qualifiers appears at the end of this case narrative. Quality control statements and/or sample specific remarks are included in the sample comments section of the laboratory report for each sample affected.

### Semi Volatile Analysis

No Anomalies Reported

### Volatile Analysis

No Anomalies Reported

### Metals Analysis

Analysis Note for Q24456 LCS Selenium: High recovery. No selenium reported above the RL for this batch. MS/MSD had acceptable recoveries.

### Wet Lab and Micro Analysis

N/A

Please call if you have any questions relating to this analytical report.

Date Reviewed by: Robbi A. Jones

Project Manager: Angela D. Overcash

Signature:

Signature:

Review Date: 07/05/07

Approval Date: 07/05/07

### Data Qualifiers Key Reference:

B: Compound also detected in the method blank.

#: Result outside of the QC limits.

DO: Compound diluted out.

E: Estimated concentration, calibration range exceeded.

J: The analyte was positively identified but the value is estimated below the reporting limit.

H: Estimated concentration with a high bias.

L: Estimated concentration with a low bias.

M: A matrix effect is present.

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NC Certification No. 402  
SC Certification No. 99012  
NC Drinking Water Cert. No. 37735

# Laboratory Report

07/05/07

Marshall Miller & Associates  
Attn: Khalil Porter  
5825 Triangle Dr.  
Raleigh, NC 27617

Project ID: Robeson & Pender  
Counties - Well Sampling  
Sample Matrix: Water  
Client Sample ID: Maxton-1  
Prism Sample ID: 184801  
COC Group: G0607504  
Time Collected: 06/14/07 9:40  
Time Submitted: 06/15/07 17:15

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
<b><u>Volatile Organic Compounds by GC/MS</u></b>									
1,1,1,2-Tetrachloroethane	BRL	µg/L	0.50	0.29	1	8260B	06/21/07 2:46	Iwtry	Q24423
1,1,1-Trichloroethane	BRL	µg/L	0.50	0.24	1	8260B	06/21/07 2:46	Iwtry	Q24423
1,1,2,2-Tetrachloroethane	BRL	µg/L	0.50	0.23	1	8260B	06/21/07 2:46	Iwtry	Q24423
1,1,2-Trichloroethane	BRL	µg/L	0.50	0.33	1	8260B	06/21/07 2:46	Iwtry	Q24423
1,1-Dichloroethane	BRL	µg/L	0.50	0.23	1	8260B	06/21/07 2:46	Iwtry	Q24423
1,1-Dichloroethene	BRL	µg/L	0.50	0.25	1	8260B	06/21/07 2:46	Iwtry	Q24423
1,1-Dichloropropene	BRL	µg/L	0.50	0.20	1	8260B	06/21/07 2:46	Iwtry	Q24423
1,2,3-Trichlorobenzene	BRL	µg/L	2.0	0.27	1	8260B	06/21/07 2:46	Iwtry	Q24423
1,2,3-Trichloropropane	BRL	µg/L	1.0	0.27	1	8260B	06/21/07 2:46	Iwtry	Q24423
1,2,4-Trichlorobenzene	BRL	µg/L	1.0	0.28	1	8260B	06/21/07 2:46	Iwtry	Q24423
1,2,4-Trimethylbenzene	BRL	µg/L	0.50	0.25	1	8260B	06/21/07 2:46	Iwtry	Q24423
1,2-Dibromo-3-chloropropane	BRL	µg/L	2.0	0.87	1	8260B	06/21/07 2:46	Iwtry	Q24423
1,2-Dibromoethane (EDB)	BRL	µg/L	0.50	0.35	1	8260B	06/21/07 2:46	Iwtry	Q24423
1,2-Dichlorobenzene	BRL	µg/L	0.50	0.30	1	8260B	06/21/07 2:46	Iwtry	Q24423
1,2-Dichloroethane	BRL	µg/L	0.50	0.30	1	8260B	06/21/07 2:46	Iwtry	Q24423
1,2-Dichloropropane	BRL	µg/L	0.50	0.28	1	8260B	06/21/07 2:46	Iwtry	Q24423
1,3,5-Trimethylbenzene	BRL	µg/L	0.50	0.25	1	8260B	06/21/07 2:46	Iwtry	Q24423
1,3-Dichlorobenzene	BRL	µg/L	0.50	0.30	1	8260B	06/21/07 2:46	Iwtry	Q24423
1,3-Dichloropropane	BRL	µg/L	0.50	0.29	1	8260B	06/21/07 2:46	Iwtry	Q24423
1,4-Dichlorobenzene	BRL	µg/L	0.50	0.29	1	8260B	06/21/07 2:46	Iwtry	Q24423
2,2-Dichloropropane	BRL	µg/L	2.0	0.47	1	8260B	06/21/07 2:46	Iwtry	Q24423
2-Chloroethyl vinyl ether	BRL	µg/L	2.0	0.16	1	8260B	06/21/07 2:46	Iwtry	Q24423
2-Chlorotoluene	BRL	µg/L	0.50	0.25	1	8260B	06/21/07 2:46	Iwtry	Q24423
2-Hexanone	BRL	µg/L	5.0	1.3	1	8260B	06/21/07 2:46	Iwtry	Q24423
4-Chlorotoluene	BRL	µg/L	0.50	0.24	1	8260B	06/21/07 2:46	Iwtry	Q24423
4-Methyl-2-pentanone (MIBK)	BRL	µg/L	5.0	1.5	1	8260B	06/21/07 2:46	Iwtry	Q24423
Acetone	BRL	µg/L	5.0	1.8	1	8260B	06/21/07 2:46	Iwtry	Q24423

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NC Certification No. 402  
 SC Certification No. 99012  
 NC Drinking Water Cert. No. 37735

# Laboratory Report

07/05/07

Marshall Miller & Associates  
 Attn: Khalil Porter  
 5825 Triangle Dr.  
 Raleigh, NC 27617

Project ID: Robeson & Pender  
 Counties - Well Sampling  
 Sample Matrix: Water  
 Client Sample ID: Maxton-1  
 Prism Sample ID: 184801  
 COC Group: G0607504  
 Time Collected: 06/14/07 9:40  
 Time Submitted: 06/15/07 17:15

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Acrolein	BRL	µg/L	20	5.5	1	8260B	06/21/07 2:46	lwitry	Q24423
Acrylonitrile	BRL	µg/L	20	4.0	1	8260B	06/21/07 2:46	lwitry	Q24423
Benzene	BRL	µg/L	0.50	0.24	1	8260B	06/21/07 2:46	lwitry	Q24423
Bromobenzene	BRL	µg/L	0.50	0.28	1	8260B	06/21/07 2:46	lwitry	Q24423
Bromochloromethane	BRL	µg/L	0.50	0.36	1	8260B	06/21/07 2:46	lwitry	Q24423
Bromodichloromethane	BRL	µg/L	0.50	0.26	1	8260B	06/21/07 2:46	lwitry	Q24423
Bromoform	BRL	µg/L	2.0	0.29	1	8260B	06/21/07 2:46	lwitry	Q24423
Bromomethane	BRL	µg/L	1.0	0.28	1	8260B	06/21/07 2:46	lwitry	Q24423
Carbon disulfide	BRL	µg/L	5.0	0.14	1	8260B	06/21/07 2:46	lwitry	Q24423
Carbon tetrachloride	BRL	µg/L	0.50	0.26	1	8260B	06/21/07 2:46	lwitry	Q24423
Chlorobenzene	BRL	µg/L	0.50	0.27	1	8260B	06/21/07 2:46	lwitry	Q24423
Chlorodibromomethane	BRL	µg/L	0.50	0.32	1	8260B	06/21/07 2:46	lwitry	Q24423
Chloroethane	BRL	µg/L	0.50	0.31	1	8260B	06/21/07 2:46	lwitry	Q24423
Chloroform	BRL	µg/L	0.50	0.29	1	8260B	06/21/07 2:46	lwitry	Q24423
Chloromethane	BRL	µg/L	0.50	0.23	1	8260B	06/21/07 2:46	lwitry	Q24423
cis-1,2-Dichloroethene	BRL	µg/L	0.50	0.24	1	8260B	06/21/07 2:46	lwitry	Q24423
cis-1,3-Dichloropropene	BRL	µg/L	0.50	0.23	1	8260B	06/21/07 2:46	lwitry	Q24423
Dibromomethane	BRL	µg/L	0.50	0.40	1	8260B	06/21/07 2:46	lwitry	Q24423
Dichlorodifluoromethane	BRL	µg/L	1.0	0.24	1	8260B	06/21/07 2:46	lwitry	Q24423
Ethylbenzene	BRL	µg/L	0.50	0.23	1	8260B	06/21/07 2:46	lwitry	Q24423
Hexachlorobutadiene	BRL	µg/L	2.0	0.32	1	8260B	06/21/07 2:46	lwitry	Q24423
Isopropyl ether (IPE)	BRL	µg/L	0.50	0.20	1	8260B	06/21/07 2:46	lwitry	Q24423
Isopropylbenzene	BRL	µg/L	0.50	0.21	1	8260B	06/21/07 2:46	lwitry	Q24423
m,p-Xylenes	BRL	µg/L	1.0	0.51	1	8260B	06/21/07 2:46	lwitry	Q24423
Methyl ethyl ketone (MEK)	BRL	µg/L	10	3.4	1	8260B	06/21/07 2:46	lwitry	Q24423
Methyl t-butyl ether (MTBE)	BRL	µg/L	0.50	0.29	1	8260B	06/21/07 2:46	lwitry	Q24423
Methylene chloride	BRL	µg/L	2.0	0.22	1	8260B	06/21/07 2:46	lwitry	Q24423

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NC Certification No. 402  
SC Certification No. 99012  
NC Drinking Water Cert. No. 37735

# Laboratory Report

07/05/07

Marshall Miller & Associates  
Attn: Khalil Porter  
5825 Triangle Dr.  
Raleigh, NC 27617

Project ID: Robeson & Pender  
Counties - Well Sampling  
Sample Matrix: Water  
Client Sample ID: Maxton-1  
Prism Sample ID: 184801  
COC Group: G0607504  
Time Collected: 06/14/07 9:40  
Time Submitted: 06/15/07 17:15

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
n-Butylbenzene	BRL	µg/L	1.0	0.22	1	8260B	06/21/07 2:46	Iwity	Q24423
n-Propylbenzene	BRL	µg/L	0.50	0.25	1	8260B	06/21/07 2:46	Iwity	Q24423
Naphthalene	BRL	µg/L	2.0	0.19	1	8260B	06/21/07 2:46	Iwity	Q24423
o-Xylene	BRL	µg/L	0.50	0.22	1	8260B	06/21/07 2:46	Iwity	Q24423
p-Isopropyltoluene	BRL	µg/L	0.50	0.24	1	8260B	06/21/07 2:46	Iwity	Q24423
sec-Butylbenzene	BRL	µg/L	0.50	0.25	1	8260B	06/21/07 2:46	Iwity	Q24423
Styrene	BRL	µg/L	0.50	0.22	1	8260B	06/21/07 2:46	Iwity	Q24423
tert-Butylbenzene	BRL	µg/L	0.50	0.22	1	8260B	06/21/07 2:46	Iwity	Q24423
Tetrachloroethene	BRL	µg/L	0.50	0.28	1	8260B	06/21/07 2:46	Iwity	Q24423
Toluene	BRL	µg/L	0.50	0.25	1	8260B	06/21/07 2:46	Iwity	Q24423
trans-1,2-Dichloroethene	BRL	µg/L	0.50	0.24	1	8260B	06/21/07 2:46	Iwity	Q24423
trans-1,3-Dichloropropene	BRL	µg/L	0.50	0.26	1	8260B	06/21/07 2:46	Iwity	Q24423
Trichloroethene	BRL	µg/L	0.50	0.40	1	8260B	06/21/07 2:46	Iwity	Q24423
Trichlorofluoromethane	BRL	µg/L	0.50	0.28	1	8260B	06/21/07 2:46	Iwity	Q24423
Vinyl acetate	BRL	µg/L	2.0	0.66	1	8260B	06/21/07 2:46	Iwity	Q24423
Vinyl chloride	BRL	µg/L	0.50	0.25	1	8260B	06/21/07 2:46	Iwity	Q24423

Surrogate	% Recovery	Control Limits
Toluene-d8	101	75 - 121
Dibromofluoromethane	107	74 - 133
Bromofluorobenzene	106	69 - 139

## Semi-volatile Organics by GC/MS

1,2,4-Trichlorobenzene	BRL	µg/L	11	2.7	1	8270C	06/20/07 4:29	kcampigotto	Q24383
1,2-Dichlorobenzene	BRL	µg/L	11	2.2	1	8270C	06/20/07 4:29	kcampigotto	Q24383
1,3-Dichlorobenzene	BRL	µg/L	11	2.4	1	8270C	06/20/07 4:29	kcampigotto	Q24383
1,4-Dichlorobenzene	BRL	µg/L	11	2.5	1	8270C	06/20/07 4:29	kcampigotto	Q24383
2,4,5-Trichlorophenol	BRL	µg/L	11	3.4	1	8270C	06/20/07 4:29	kcampigotto	Q24383

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NC Certification No. 402  
SC Certification No. 99012  
NC Drinking Water Cert. No. 37735

# Laboratory Report

07/05/07

Marshall Miller & Associates  
Attn: Khalil Porter  
5825 Triangle Dr.  
Raleigh, NC 27617

Project ID: Robeson & Pender  
Sample Matrix: Water  
Client Sample ID: Maxton-1  
Counties - Well Sampling Prism Sample ID: 184801  
COC Group: G0607504  
Time Collected: 06/14/07 9:40  
Time Submitted: 06/15/07 17:15

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
2,4,6-Trichlorophenol	BRL	µg/L	11	3.3	1	8270C	06/20/07 4:29	kcampigotto	Q24383
2,4-Dichlorophenol	BRL	µg/L	11	3.0	1	8270C	06/20/07 4:29	kcampigotto	Q24383
2,4-Dimethylphenol	BRL	µg/L	11	2.6	1	8270C	06/20/07 4:29	kcampigotto	Q24383
2,4-Dinitrophenol	BRL	µg/L	11	1.4	1	8270C	06/20/07 4:29	kcampigotto	Q24383
2,4-Dinitrotoluene	BRL	µg/L	11	0.60	1	8270C	06/20/07 4:29	kcampigotto	Q24383
2,6-Dinitrotoluene	BRL	µg/L	11	1.9	1	8270C	06/20/07 4:29	kcampigotto	Q24383
2-Chloronaphthalene	BRL	µg/L	11	2.8	1	8270C	06/20/07 4:29	kcampigotto	Q24383
2-Chlorophenol	BRL	µg/L	11	2.6	1	8270C	06/20/07 4:29	kcampigotto	Q24383
2-Methylnaphthalene	BRL	µg/L	11	2.7	1	8270C	06/20/07 4:29	kcampigotto	Q24383
2-Methylphenol	BRL	µg/L	11	2.3	1	8270C	06/20/07 4:29	kcampigotto	Q24383
2-Nitrophenol	BRL	µg/L	11	3.2	1	8270C	06/20/07 4:29	kcampigotto	Q24383
3&4-Methylphenol	BRL	µg/L	11	2.0	1	8270C	06/20/07 4:29	kcampigotto	Q24383
3,3'-Dichlorobenzidine	BRL	µg/L	11	1.6	1	8270C	06/20/07 4:29	kcampigotto	Q24383
4,6-Dinitro-2-methylphenol	BRL	µg/L	11	1.1	1	8270C	06/20/07 4:29	kcampigotto	Q24383
4-Bromophenylphenylether	BRL	µg/L	11	2.0	1	8270C	06/20/07 4:29	kcampigotto	Q24383
4-Chloro-3-methylphenol	BRL	µg/L	11	3.0	1	8270C	06/20/07 4:29	kcampigotto	Q24383
4-Chlorophenylphenylether	BRL	µg/L	11	2.9	1	8270C	06/20/07 4:29	kcampigotto	Q24383
4-Nitrophenol	BRL	µg/L	11	0.82	1	8270C	06/20/07 4:29	kcampigotto	Q24383
Acenaphthene	BRL	µg/L	11	3.5	1	8270C	06/20/07 4:29	kcampigotto	Q24383
Acenaphthylene	BRL	µg/L	11	3.4	1	8270C	06/20/07 4:29	kcampigotto	Q24383
Anthracene	BRL	µg/L	11	0.66	1	8270C	06/20/07 4:29	kcampigotto	Q24383
Benzo(a)anthracene	BRL	µg/L	11	1.9	1	8270C	06/20/07 4:29	kcampigotto	Q24383
Benzo(a)pyrene	BRL	µg/L	11	0.44	1	8270C	06/20/07 4:29	kcampigotto	Q24383
Benzo(b)fluoranthene	BRL	µg/L	11	0.75	1	8270C	06/20/07 4:29	kcampigotto	Q24383
Benzo(g,h,i)perylene	BRL	µg/L	11	0.77	1	8270C	06/20/07 4:29	kcampigotto	Q24383
Benzo(k)fluoranthene	BRL	µg/L	11	1.3	1	8270C	06/20/07 4:29	kcampigotto	Q24383
Bis(2-chloroethoxy)methane	BRL	µg/L	11	3.5	1	8270C	06/20/07 4:29	kcampigotto	Q24383

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NC Certification No. 402  
SC Certification No. 99012  
NC Drinking Water Cert. No. 37735

## Laboratory Report

07/05/07

Marshall Miller & Associates  
Attn: Khalil Porter  
5825 Triangle Dr.  
Raleigh, NC 27617

Project ID: Robeson & Pender  
Counties - Well Sampling  
Sample Matrix: Water  
Client Sample ID: Maxton-1  
Prism Sample ID: 184801  
COC Group: G0607504  
Time Collected: 06/14/07 9:40  
Time Submitted: 06/15/07 17:15

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Bis(2-chloroethyl)ether	BRL	µg/L	11	3.0	1	8270C	06/20/07 4:29	kcampigotto	Q24383
Bis(2-chloroisopropyl)ether	BRL	µg/L	11	3.0	1	8270C	06/20/07 4:29	kcampigotto	Q24383
Bis(2-ethylhexyl)phthalate	BRL	µg/L	11	1.0	1	8270C	06/20/07 4:29	kcampigotto	Q24383
Butylbenzylphthalate	BRL	µg/L	11	0.37	1	8270C	06/20/07 4:29	kcampigotto	Q24383
Chrysene	BRL	µg/L	11	1.7	1	8270C	06/20/07 4:29	kcampigotto	Q24383
Di-n-butylphthalate	BRL	µg/L	11	0.89	1	8270C	06/20/07 4:29	kcampigotto	Q24383
Di-n-octylphthalate	BRL	µg/L	11	0.71	1	8270C	06/20/07 4:29	kcampigotto	Q24383
Dibenzo(a,h)anthracene	BRL	µg/L	11	0.99	1	8270C	06/20/07 4:29	kcampigotto	Q24383
Dibenzofuran	BRL	µg/L	11	3.0	1	8270C	06/20/07 4:29	kcampigotto	Q24383
Diethylphthalate	BRL	µg/L	11	0.83	1	8270C	06/20/07 4:29	kcampigotto	Q24383
Dimethylphthalate	BRL	µg/L	11	1.7	1	8270C	06/20/07 4:29	kcampigotto	Q24383
Fluoranthene	BRL	µg/L	11	1.2	1	8270C	06/20/07 4:29	kcampigotto	Q24383
Fluorene	BRL	µg/L	11	2.7	1	8270C	06/20/07 4:29	kcampigotto	Q24383
Hexachlorobenzene	BRL	µg/L	11	0.84	1	8270C	06/20/07 4:29	kcampigotto	Q24383
Hexachlorobutadiene	BRL	µg/L	11	2.7	1	8270C	06/20/07 4:29	kcampigotto	Q24383
Hexachlorocyclopentadiene	BRL	µg/L	11	2.5	1	8270C	06/20/07 4:29	kcampigotto	Q24383
Hexachloroethane	BRL	µg/L	11	2.8	1	8270C	06/20/07 4:29	kcampigotto	Q24383
Indeno(1,2,3-cd)pyrene	BRL	µg/L	11	0.49	1	8270C	06/20/07 4:29	kcampigotto	Q24383
Isophorone	BRL	µg/L	11	3.2	1	8270C	06/20/07 4:29	kcampigotto	Q24383
N-Nitrosodi-n-propylamine	BRL	µg/L	11	3.2	1	8270C	06/20/07 4:29	kcampigotto	Q24383
N-Nitrosodiphenylamine	BRL	µg/L	11	1.4	1	8270C	06/20/07 4:29	kcampigotto	Q24383
Naphthalene	BRL	µg/L	11	2.9	1	8270C	06/20/07 4:29	kcampigotto	Q24383
Nitrobenzene	BRL	µg/L	11	2.2	1	8270C	06/20/07 4:29	kcampigotto	Q24383
Pentachlorophenol	BRL	µg/L	11	0.94	1	8270C	06/20/07 4:29	kcampigotto	Q24383
Phenanthrene	BRL	µg/L	11	0.51	1	8270C	06/20/07 4:29	kcampigotto	Q24383
Phenol	BRL	µg/L	11	0.78	1	8270C	06/20/07 4:29	kcampigotto	Q24383
Pyrene	BRL	µg/L	11	0.59	1	8270C	06/20/07 4:29	kcampigotto	Q24383

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NC Certification No. 402  
SC Certification No. 99012  
NC Drinking Water Cert. No. 37735

# Laboratory Report

07/05/07

Marshall Miller & Associates  
Attn: Khalil Porter  
5825 Triangle Dr.  
Raleigh, NC 27617

Project ID: Robeson & Pender  
Counties - Well Sampling  
Sample Matrix: Water  
Client Sample ID: Maxton-1  
Prism Sample ID: 184801  
COC Group: G0607504  
Time Collected: 06/14/07 9:40  
Time Submitted: 06/15/07 17:15

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
-----------	--------	-------	--------------	-----	-----------------	--------	--------------------	---------	----------

Sample Preparation: 950mL / 1 mL 3510C 06/18/07 13:00 smanlvnh P18662

Surrogate	% Recovery	Control Limits
Terphenyl-d14	113	41 - 136
Phenol-d5	25	10 - 78
Nitrobenzene-d5	73	13 - 107
2-Fluorophenol	40	10 - 75
2-Fluorobiphenyl	79	27 - 107
2,4,6-Tribromophenol	86	38 - 117

## Mercury by CVAA

Mercury BRL mg/L 0.0002 0.000034 1 7470A 06/21/07 10:47 jhoppel Q24446

Sample Preparation: 20mL / 30 mL 7470A 06/21/07 7:00 jhoppel P18693

## Metals by ICP

Antimony	BRL	mg/L	0.010	0.0014	1	6010B	06/21/07 17:32	mcampbell	Q24456
Arsenic	BRL	mg/L	0.010	0.0019	1	6010B	06/21/07 17:32	mcampbell	Q24456
Beryllium	0.0004 J	mg/L	0.0020	0.0002	1	6010B	06/21/07 17:32	mcampbell	Q24456
Cadmium	BRL	mg/L	0.0010	0.0002	1	6010B	06/21/07 17:32	mcampbell	Q24456
Chromium	0.0019 J	mg/L	0.0050	0.0018	1	6010B	06/21/07 17:32	mcampbell	Q24456
Copper	0.029	mg/L	0.010	0.0010	1	6010B	06/21/07 17:32	mcampbell	Q24456
Iron	0.083	mg/L	0.050	0.037	1	6010B	06/21/07 17:32	mcampbell	Q24456
Lead	0.0022 J	mg/L	0.0050	0.0009	1	6010B	06/21/07 17:32	mcampbell	Q24456
Manganese	BRL	mg/L	0.010	0.0037	1	6010B	06/21/07 17:32	mcampbell	Q24456
Nickel	0.0039 J	mg/L	0.010	0.0009	1	6010B	06/21/07 17:32	mcampbell	Q24456
Selenium	BRL	mg/L	0.020	0.0042	1	6010B	06/21/07 17:32	mcampbell	Q24456
Silver	BRL	mg/L	0.0050	0.0002	1	6010B	06/21/07 17:32	mcampbell	Q24456
Thallium	BRL	mg/L	0.010	0.0017	1	6010B	06/21/07 17:32	mcampbell	Q24456

Sample Preparation: 50mL / 50 mL SM3030 C 06/16/07 9:00 jhoppel P18664

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NC Certification No. 402  
SC Certification No. 99012  
NC Drinking Water Cert. No. 37735

## Laboratory Report

07/05/07

Marshall Miller & Associates  
Attn: Khalil Porter  
5825 Triangle Dr.  
Raleigh, NC 27617

Project ID: Robeson & Pender  
Counties - Well Sampling  
Sample Matrix: Water  
Client Sample ID: Maxton-1  
Prism Sample ID: 184801  
COC Group: G0607504  
Time Collected: 06/14/07 9:40  
Time Submitted: 06/15/07 17:15

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
<b>Metals by ICP/MS</b>									
Antimony	BRL	µg/L	2.0	0.13	1	6020	06/28/07 17:25	pfitzgerald	Q24648
Arsenic	BRL	µg/L	1.0	0.14	1	6020	06/28/07 17:25	pfitzgerald	Q24648
Lead	2.5	µg/L	1.0	0.10	1	6020	06/28/07 17:25	pfitzgerald	Q24648
Thallium	BRL	µg/L	1.0	0.16	1	6020	06/28/07 17:25	pfitzgerald	Q24648
Zinc	130	µg/L	5.0	1.0	1	6020	06/28/07 17:25	pfitzgerald	Q24648
Sample Preparation:				50mL / 50 mL	200.8	06/27/07 7:15	jhoppe	P18744	

### Sample Comment(s):

*BRL = Below Reporting Limit*

*J- Estimated value between the Reporting Limit and the MDL*

*The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.*

*All results are reported on a wet-weight basis*

Angela D. Overcash, V.P. Laboratory Services

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Client Company Name: MAASHAN MILK & ASSOC.  
Report To/Contact Name: Khalil Porter  
Reporting Address: 5825 TRIANGLE DR.  
RALEIGH NC 27617

Site Location Physical Address: ~~XXXX~~ Burgaw, NC

Atkinson, Moore, Maxton, Davis and City of L

PAGE 1 OF 1 QUOTE # TO ENSURE PROPER BILLING: NOLTH

Address: \_\_\_\_\_

(SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES)

FURNISHED BY PRISM LABORATORIES, INC. TO CLIENT		552 ANAL
---	--	----------

	YES	NO	N/A
SAMPLES INTACT upon arrival?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Received ON WET ICE? Time: <u>0.6</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PROPER PRESERVATIVES indicated?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Received WITHIN HOLDING TIMES?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CUSTODY SEALS INTACT?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
VOLATILES & CHW/OUT HEADSPACE?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PROPER CONTAINERS used?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Sample Iced Upon Collection: YES      NO     

**PRESS DOWN FIRMLY - 3 COPIES**

Upon relinquishing, this Chain of Custody is your authorization for Prism to proceed with the analyses as requested above. Any changes must be submitted in writing to the Prism Project Manager. There will be charges for any changes after analyses have been initialized.

Method of Shipment:	NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH A CUSTODY SEAL FOR TRANSPORTATION TO THE LABORATORY.	COG Group No.
---------------------	---	---------------

SAMPLES ARE NOT ANALYZED AND RETURNED AGAINST YOU UNTIL AFTER THE SECOND DAY

DATE: 1-15-1968

City: Dallas

State: Texas

Field Office: Dallas

Other: \_\_\_\_\_

G0667524

<input type="checkbox"/> Fed Ex	<input type="checkbox"/> UPS	<input type="checkbox"/> Hand-delivered	<input type="checkbox"/> On-site Field Service	<input type="checkbox"/> Other:										
MODE:		LIST:		GROUND WATER:		DRINKING WATER:		SOLID WASTE:		RCRA:	CERCLA:	LANDFILL:	OTHER:	SEE REVERSE FOR TERMS & CONDITIONS

[illegible]

**SEE REVERSE FOR  
TERMS & CONDITIONS**

\_\_\_\_\_





## Case Narrative

**Date:** 03/31/08  
**Company:** Marshall Miller & Associates  
**Contact:** Khalil Porter  
**Address:** 5825 Triangle Dr.  
Raleigh, NC 27617

**Client Project ID:** Maxton Dump Confirmation Sampling  
**Prism COC Group No:** G0308304  
**Collection Date(s):** 3/4/08 thru 3/5/08  
**Lab Submittal Date(s):** 03/07/08  
**Client Project Name Or No:** Maxton, NC NCUL111-03

This data package contains the analytical results for the project identified above and includes a Case Narrative, Laboratory Report and Quality Control Data totaling 6 pages. A chain-of-custody is also attached for the samples submitted to Prism for this project.

Data qualifiers are flagged individually on each sample. A key reference for the data qualifiers appears at the end of this case narrative. Quality control statements and/or sample specific remarks are included in the sample comments section of the laboratory report for each sample affected.

### Semi Volatile Analysis

N/A

### Volatile Analysis

N/A

### Metals Analysis

Analysis Note for Q30885 Method Blank Iron: MB is greater than 1/2 the reporting limit.

Analysis Note for Q30885 Method Blank Nickel: MB is greater than 1/2 the reporting limit.

Analysis Note for Q30885 MS Iron: Sample concentration too high for recovery evaluation.

Analysis Note for Q30885 MS Manganese: Sample concentration too high for recovery evaluation.

Analysis Note for Q30885 MSD Iron: Sample concentration too high for recovery evaluation.

Analysis Note for Q30884 Lead - No MSD with this batch.

### Wet Lab and Micro Analysis

Analysis Note for Q30865 MSD Sulfate: MSD recovery outside the control limits.

Analysis Note for Nitrate - Sample was received & analyzed outside of the recommended holding time.

Please call if you have any questions relating to this analytical report.

**Date Reviewed by:** Paula A. Gilleland

**Project Manager:** Angela D. Overcash

**Signature:**

**Signature:**

**Review Date:** 03/31/08

**Approval Date:** 03/31/08

### Data Qualifiers Key Reference:

B: Compound also detected in the method blank.

#: Result outside of the QC limits.

DO: Compound diluted out.

E: Estimated concentration, calibration range exceeded.

J: The analyte was positively identified but the value is estimated below the reporting limit.

H: Estimated concentration with a high bias.

L: Estimated concentration with a low bias.

M: A matrix effect is present.

Notes: This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc. The results in this report relate only to the samples submitted for analysis.



NC Certification No. 402  
 SC Certification No. 99012  
 NC Drinking Water Cert. No. 37735

# Laboratory Report

03/31/08

Marshall Miller & Associates  
 Attn: Khalil Porter  
 5825 Triangle Dr.  
 Raleigh, NC 27617

Project Name: Maxton, NC  
 Project ID: Maxton Dump  
 Confirmation Sampling  
 Project No.: NCUL111-03  
 Sample Matrix: Water

Client Sample ID: Maxton Dump-Well 1  
 Prism Sample ID: 208039  
 COC Group: G0308304  
 Time Collected: 03/04/08 15:47  
 Time Submitted: 03/07/08 15:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
<b><u>Ammonia Nitrogen by Automated Phenate Method</u></b>									
Ammonia	0.026 J	mg/L	0.10	0.0083	1	SM4500-NH3 H	03/17/08 12:39	heasler	Q30976
<b><u>Metals by ICP</u></b>									
Beryllium	BRL	mg/L	0.0020	0.0002	1	6010B	03/13/08 19:45	mcampbell	Q30885
Chromium	BRL	mg/L	0.0050	0.0018	1	6010B	03/13/08 19:45	mcampbell	Q30885
Copper	0.045	mg/L	0.010	0.0010	1	6010B	03/13/08 19:45	mcampbell	Q30885
Iron	0.17	mg/L	0.050	0.037	1	6010B	03/13/08 19:45	mcampbell	Q30885
Nickel	0.0015 J	mg/L	0.010	0.0009	1	6010B	03/13/08 19:45	mcampbell	Q30885
Sample Preparation:				50 mL /	50 mL	SM3030 C	03/07/08 15:50	mbarber	P21022
<b><u>Metals by ICP/MS</u></b>									
Lead	0.0048	mg/L	0.0010	0.0001	1	6020	03/12/08 16:08	mcampbell	Q30884
Sample Preparation:				50 mL /	50 mL	SM3030 C	03/07/08 15:50	mbarber	P21035
<b><u>Metals by ICP</u></b>									
Zinc	0.093	mg/L	0.030	0.0023	1	6010B	03/20/08 18:36	mcampbell	Q31116
Sample Preparation:				50 mL /	50 mL	3010A	03/19/08 6:50	mbarber	P21093
<b><u>Nitrate by Ion Chromatography</u></b>									
Nitrate	1.8	mg/L	0.20	0.020	2	9056	03/08/08 2:04	celfaki	Q30864
<b><u>Sulfate by Ion Chromatography</u></b>									
Sulfate	0.21 J	mg/L	2.0	0.050	2	9056	03/08/08 2:04	celfaki	Q30865

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449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Page 1 of 2



NC Certification No. 402  
SC Certification No. 99012  
NC Drinking Water Cert. No. 37735

## Laboratory Report

03/31/08

Marshall Miller & Associates  
Attn: Khalil Porter  
5825 Triangle Dr.  
Raleigh, NC 27617

Project Name: Maxton, NC  
Project ID: Maxton Dump  
Confirmation Sampling  
Project No.: NCUL111-03  
Sample Matrix: Water

Client Sample ID: Maxton Dump-Well 1  
Prism Sample ID: 208039  
COC Group: G0308304  
Time Collected: 03/04/08 15:47  
Time Submitted: 03/07/08 15:45

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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### Sample Comment(s):

*BRL = Below Reporting Limit*

*J- Estimated value between the Reporting Limit and the MDL*

*The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.*

*All results are reported on a wet-weight basis*

Angela D. Overcash, V.P. Laboratory Services

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Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409

Page 2 of 2



Maxton, Robeson County, NC

PAGE 1 OF 3 QUOTE # TO ENSURE PROPER BILLING: NCUL111-03

Project Name: Maxton Demo Well Confirmation & Sampling

Short Hold Analysis: (Yes) (No) UST Project: (Yes) (No)

\*Please ATTACH any project specific reporting (QC LEVEL I II III IV)

provisions and/or QC Requirements

Invoice To: C. A. A.

Address: Valle

\_\_\_\_\_

**Purchase Order No./Billing Reference** \_\_\_\_\_

Requested Due Date ☐ 1 Day ☒ 2 Days ☐ 3 Days ☐ 4 Days ☐ 5 Days

☐ 6-9 Days ☒ Standard 10 days ☐ Rush Work Must Be Pre-Approved

**Samples received after 15:00 will be processed next business day.**  
**Turnaround time is based on business days, excluding weekends and holidays.**

(SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES RENDERED BY ORIGINAL LEASING/RENTING FIRM TO CUSTOMER)

RENDERED BY PRISM LABORATORIES, INC. TO CLIENT)		16	ANALYST
---	--	----	---------

LAB USE ONLY		YES	NO	NA
SAMPLE INTACT/CONTAMINATED		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PACKED ON WET ICE	21	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PROPER PRESERVATIVES	100%	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
RECEIVED WITHIN HOLDING TIMES		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CUSTODY SEALS INTACT		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
VOLATILES C/D W/OUT HEADSPACE		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PROPER CONTAINERS	100%	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL**

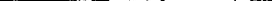
**Certification:** **NELAC** **USACE** **FL** **NG**

SC	OTHER	N/A
----	-------	-----

Water Chlorinated: YES NO

Sample used Upon Collection YES NO

Sample Iced Upon Collection: YES ☐ NO ☒

Sampler's Signature 	Sampled By (Print Name) <u>Amy Handusht</u>	Affiliation <u>MM3A</u>	<b>PRESS DOWN FIRMLY - 3 COPIES</b>
---	---	-------------------------	-------------------------------------

Upon relinquishing, this Chain of Custody is your authorization for Prism to proceed with the analyses as requested above. Any changes must be submitted in writing to the Prism Project Manager. There will be charges for any changes after analyses have been initialized.

Relinquished By: (Signature)		Received by: (Signature)	Date	Military/Hours	Additional Comments:
------------------------------	--	--------------------------	------	----------------	----------------------

 Dallas, Texas, TX 75201	 Dallas, Texas, TX 75201	3/12/08 1340
--	---	--------------

Received By (Signature) \_\_\_\_\_

Rechtsanwalt Dr. (Sinnakorn) [Signature] 7748 1320

Handwritten notes and scribbles at the bottom of the page, including a large scribble on the left and some illegible text on the right.

Method of shipment: **NOTE: ALL SAMPLE CONTAINERS SHOULD BE TAPED SHUT WITH CUSTOMARY SEALS FOR TRANSPORTATION TO THE LABORATORY**

SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST GOC UNTIL RECEIVED AT THE LABORATORY.

☐ Fed Ex ☐ UPS ☐ Hand-delivered ☒ Prism Field Service ☐ Other \_\_\_\_\_

<b>NPDDES:</b>	<b>UST:</b>	<b>GROUNDWATER:</b>	<b>DRINKING WATER:</b>	<b>SOLID WASTE:</b>	<b>RCRA:</b>	<b>CERCLA</b>	<b>LANDFILL</b>	<b>OTHER:</b>

SEE REVERSE FOR

**TERMS & CONDITIONS**

\*CONTAINER TYPE CODES: A = Amber C = Clear G = Glass D = Plastic TL = Teflon-lined Can. V04 = Vialette Can. \_\_\_\_\_ = \_\_\_\_\_

TABLE 1. *Estimated and observed probabilities of infection by *Salmonella* from various sources in the United States, 1990-1999*

PRISM USE ONLY	
SLAVE UNIT VOLTAGE	
SLAVE REPAIR TIME	
PRISM TEST TIME	
MESSAGE	

**SEE REVERSE FOR  
TERMS & CONDITIONS**

ORIGINAL



## TRANSMITTAL

To: David Peacock  
From: Dawn F. Crowell, MELP  
Date: January 31, 2023  
Reference: Maxton Feed Mill, Project Number 21020-17-078  
Robeson and Scotland County, North Carolina

The following document is attached:

- |   |  |
|---|--|
| <input type="checkbox"/> Draft Letter / Report    | <input type="checkbox"/> Phase I ESA Report                              |
| <input type="checkbox"/> Laboratory Report        | <input type="checkbox"/> Certification Forms                             |
| <input type="checkbox"/> Contract or Change Order | <input checked="" type="checkbox"/> Other: <b><u>2022 LUR Update</u></b> |

For the following action:

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> For Your Review / Information | <input type="checkbox"/> For Your Signature & Return |
| <input type="checkbox"/> As You Requested                         | <input type="checkbox"/> Other: _____                |

Comments:

**NC BROWNFIELDS**  
**Land Use Restrictions ("LUR") UPDATE**

**Year Certification Made: 2023**

**Name:** Maxton Feed Mill

**Address:** 10800 Pell Rd;  
214 West Rockingham Rd.

**Project #:** 21020-17-078

**County:** Robeson, Scotland

**Property Owner (In part or whole):** Mountaire Farms Inc.

Read the following LURs and mark each restriction accordingly. Additional remarks may be added for compliance status clarification. Attach any required or supplemental documentation, sign, notarize and submit to the following address:

NC Division of Waste Management  
Attn: Brownfields Program Staff  
1646 Mail Service Center  
Raleigh, NC 27699-1646

LUR 1: No use may be made of the Property other than for a chicken feed mill, associated infrastructure and utilities, scales and scale house, truck repair shop, truck fueling station, vehicle washing area, storage shed, grain storage area, railroad spur, and associated parking uses. For purposes of this restriction, the following definitions apply:

- A. "Chicken feed mill" uses a specific formula to produce chicken feed pellets. A large industrial feed mill operation stores its raw materials on-site, and ships the finished product to consumers or retailers and uses associated infrastructure and utility infrastructure to service the chicken feed mill.
- B. "Scales and scale house" is a type of auxiliary structure for weighing trucks.
- C. "Truck repair shop" is a type of auxiliary structure for regular maintenance and repairs to motor vehicles in the location shown on the accompanying plat.
- D. "Truck fueling station" is a type of auxiliary structure for refueling of motor vehicles in the location shown on the accompanying plat.
- E. "Vehicle Washing Area" includes an area for the washing of vehicles with water which is then collected and discharged to the local POTW under an approved discharge permit. The vehicle washing area is in the location shown on the accompanying plat.
- F. "Storage shed" is a type of auxiliary structure for storing materials, supplies, and equipment.
- G. "Railroad spur (or Industrial spur)" is a type of secondary track used by railroads to allow customers at a location to load and unload railcars without interfering with other railroad operations.
- H. "Parking" is defined as the temporary accommodation of motor vehicles in an area designed for same.

☒ In compliance

☐ Out of compliance



Remarks: Mountaire began operation of the Feed Mill on October 16, 2019. At the time of inspection, the site is developed with the above listed uses. J.B. Hunt has a contractor office onsite, but it is a mobile unit supported by blocks, and possesses no interior plumbing. Site photographs are included in the attached photographic log.

LUR 2: Physical redevelopment of the Brownfields Property may not occur other than in accord, as determined by the Department of Environmental Quality (“DEQ”), with an Environmental Management Plan (“EMP”) approved in writing by DEQ in advance (and revised to DEQ's written satisfaction prior to each subsequent redevelopment phase) that is consistent with all the other land use restrictions and describes redevelopment activities at the Brownfields Property, the timing of redevelopment phases, and addresses health, safety and environmental issues that may arise from use of the Brownfields Property during construction or redevelopment in any other form, including without limitation:

- A. soil and water management issues, including without limitation those resulting from contamination identified in the Environmental Reports;
- B. issues related to potential sources of contamination referenced in paragraph 8 of Exhibit A attached to the Notice;
- C. contingency plans for addressing, including without limitation the testing of soil and groundwater, newly discovered potential sources of environmental contamination (e.g., USTs, tanks, drums, septic drain fields, oil-water separators, soil contamination); and
- D. plans for the proper characterization of, and, as necessary, disposal of contaminated soils excavated during redevelopment;

☒ In compliance

☐ Out of compliance

Remarks: No Physical redevelopment has occurred during 2022. No environmental-related activities were conducted in 2022.

LUR 3: Within 90 days after each one-year anniversary of the effective date (*10-15-2018*) of the Agreement for as long as physical redevelopment of the Brownfields Property continues (except that the final deadline shall fall 90 days after the conclusion of physical redevelopment), the then owner of the Brownfields Property shall provide DEQ a report subject to written DEQ approval on environment-related activities since the last report, with a summary and drawings, that describes:

- A. actions taken on the Brownfields Property in accordance with Section V: Work to be Performed in Exhibit A attached to the Notice;
- B. soil grading and cut and fill actions;
- C. methodology(ies) employed for field screening, sampling and laboratory analysis of environmental media;
- D. stockpiling, containerizing, decontaminating, treating, handling, laboratory analysis and ultimate disposition of any soil, groundwater or other materials

Remarks: Mountaire began operation of the Feed Mill on October 16, 2019. At the time of inspection, the site is developed with the above listed uses. J.B. Hunt has a contractor office onsite, but it is a mobile unit supported by blocks, and possesses no interior plumbing. Site photographs are included in the attached photographic log.

LUR 2: Physical redevelopment of the Brownfields Property may not occur other than in accord, as determined by the Department of Environmental Quality ("DEQ"), with an Environmental Management Plan ("EMP") approved in writing by DEQ in advance (and revised to DEQ's written satisfaction prior to each subsequent redevelopment phase) that is consistent with all the other land use restrictions and describes redevelopment activities at the Brownfields Property, the timing of redevelopment phases, and addresses health, safety and environmental issues that may arise from use of the Brownfields Property during construction or redevelopment in any other form, including without limitation:

- A. soil and water management issues, including without limitation those resulting from contamination identified in the Environmental Reports;
- B. issues related to potential sources of contamination referenced in paragraph 8 of Exhibit A attached to the Notice;
- C. contingency plans for addressing, including without limitation the testing of soil and groundwater, newly discovered potential sources of environmental contamination (e.g., USTs, tanks, drums, septic drain fields, oil-water separators, soil contamination); and
- D. plans for the proper characterization of, and, as necessary, disposal of contaminated soils excavated during redevelopment;

☒ In compliance

☐ Out of compliance

Remarks: No Physical redevelopment has occurred during 2022. No environmental-related activities were conducted in 2022.

LUR 3: Within 90 days after each one-year anniversary of the effective date (10-15-2018) of the Agreement for as long as physical redevelopment of the Brownfields Property continues (except that the final deadline shall fall 90 days after the conclusion of physical redevelopment), the then owner of the Brownfields Property shall provide DEQ a report subject to written DEQ approval on environment-related activities since the last report, with a summary and drawings, that describes:

- A. actions taken on the Brownfields Property in accordance with Section V: Work to be Performed in Exhibit A attached to the Notice;
- B. soil grading and cut and fill actions;
- C. methodology(ies) employed for field screening, sampling and laboratory analysis of environmental media;
- D. stockpiling, containerizing, decontaminating, treating, handling, laboratory analysis and ultimate disposition of any soil, groundwater or other materials

Maxton Feed Mill (#21020-17-078) LUR Update

- suspected or confirmed to be contaminated with regulated substances; and
- E. removal of any contaminated soil, water or other contaminated materials (for example, concrete, demolition debris) from the Brownfields Property (copies of all legally required manifests shall be included).

☒ In compliance                      ☐ Out of compliance

Remarks: \_\_\_\_\_

LUR 4: Groundwater at the Brownfields Property may not be used for any purpose without the prior written approval of DEQ, except that:

- A. the owner of the Brownfields Property may install water supply wells at the Brownfields Property for industrial purposes only in accordance with applicable local and state regulations while fully protecting public health and the environment, and with a minimum of 10 days' notice to the DEQ representative referenced in paragraph 35.a. of Exhibit A attached to the Notice;
- B. Existing and any new water supply wells shall be operated and maintained under the following provisions:
- i. water supply wells shall be maintained in accordance with applicable local and state regulations;
  - ii. waste purge water from any water supply well onsite and waste cooling water will be conveyed along with production water and discharged to the local POTW under an approved discharge permit;
  - iii. the installation of new water supply wells shall be noticed at least 10 days in advance to DEQ; and
  - iv. water supply wells shall be tested periodically under a DEQ-approved plan and the results submitted to the DEQ representative referenced in paragraph 35.a. of Exhibit A attached to the Notice in accordance with a schedule agreed to by DEQ.

☒ In compliance                      ☐ Out of compliance

Remarks: \_\_\_\_\_

LUR 5: Surface water at the Brownfields Property may not be used for any purpose, other than in connection with legally compliant storm water collection and reuse techniques, without the prior written approval of DEQ.

☒ In compliance                      ☐ Out of compliance

Remarks: \_\_\_\_\_

Maxton Feed Mill (#21020-17-078) LUR Update

LUR 6: No activity that disturbs soil or sediment on the Brownfields Property as delineated on the plat component of the Notice of Brownfields Property, may occur unless and until DEQ states in writing, in advance of the proposed activity, that said activity may occur if carried out along with any measures DEQ deems necessary to ensure the Brownfields Property will be suitable for the uses specified in LUR 1 above while fully protecting public health and the environment, except:

- A. in connection with landscape planting to depths not exceeding 24 inches;
- B. mowing and pruning of above-ground vegetation;
- C. for repair and/or installation of underground infrastructure, including (but not limited to) utilities provided that DEQ shall be given written notice at least seven days in advance of a scheduled repair or installation (if only by email) of any such repair or installation, or in emergency circumstances no later than the next business day, and that any related assessment and remedial measures required by DEQ shall be taken, and;
- D. In connection to work conducted in accordance with a DEQ-approved Environmental Management Plan (EMP) as outlined in LUR 2 above.

☒ In compliance

☐ Out of compliance

Remarks: No evidence of disturbed soil was observed at the time of the inspection. Site contact reported that there was no soil disturbances during 2022.

LUR 7: Neither DEQ, nor any party conducting environmental assessment or remediation at the Brownfields Property at the direction of, or pursuant to a permit, order or agreement issued or entered into by DEQ, may be denied access to the Brownfields Property for purposes of conducting such assessment or remediation, which is to be conducted using reasonable efforts to minimize interference with authorized uses of the Brownfields Property.

☒ In compliance

☐ Out of compliance

Remarks: \_\_\_\_\_

LUR 8: Any deed or other instrument conveying an interest in the Brownfields Property shall contain the following notice: "This property is subject to the Brownfields Agreement attached as Exhibit A to the Notice of Brownfields Property recorded in the Robeson County land records, Book 2152, Page 712 and the Scotland County land records, Book 1600 Page 1." A copy of any such instrument shall be sent to the persons listed in Section XV (Notices and Submissions), though financial figures related to the conveyance may be redacted to the extent said redactions comply with the confidentiality and trade secret provisions of the North Carolina Public Records Law. The owner conveying an interest may use the following mechanisms to comply with the

Maxton Feed Mill (#21020-17-078) LUR Update

LUR 6: No activity that disturbs soil or sediment on the Brownfields Property as delineated on the plat component of the Notice of Brownfields Property, may occur unless and until DEQ states in writing, in advance of the proposed activity, that said activity may occur if carried out along with any measures DEQ deems necessary to ensure the Brownfields Property will be suitable for the uses specified in LUR 1 above while fully protecting public health and the environment, except:

- A. in connection with landscape planting to depths not exceeding 24 inches;
- B. mowing and pruning of above-ground vegetation;
- C. for repair and/or installation of underground infrastructure, including (but not limited to) utilities provided that DEQ shall be given written notice at least seven days in advance of a scheduled repair or installation (if only by email) of any such repair or installation, or in emergency circumstances no later than the next business day, and that any related assessment and remedial measures required by DEQ shall be taken, and;
- D. In connection to work conducted in accordance with a DEQ-approved Environmental Management Plan (EMP) as outlined in LUR 2 above.

☒ In compliance

☐ Out of compliance

Remarks: No evidence of disturbed soil was observed at the time of the inspection. Site contact reported that there was no soil disturbances during 2022.

LUR 7: Neither DEQ, nor any party conducting environmental assessment or remediation at the Brownfields Property at the direction of, or pursuant to a permit, order or agreement issued or entered into by DEQ, may be denied access to the Brownfields Property for purposes of conducting such assessment or remediation, which is to be conducted using reasonable efforts to minimize interference with authorized uses of the Brownfields Property.

☒ In compliance

☐ Out of compliance

Remarks: \_\_\_\_\_

LUR 8: Any deed or other instrument conveying an interest in the Brownfields Property shall contain the following notice: "This property is subject to the Brownfields Agreement attached as Exhibit A to the Notice of Brownfields Property recorded in the Robeson County land records, Book 2152, Page 712 and the Scotland County land records, Book 1600 Page 1." A copy of any such instrument shall be sent to the persons listed in Section XV (Notices and Submissions), though financial figures related to the conveyance may be redacted to the extent said redactions comply with the confidentiality and trade secret provisions of the North Carolina Public Records Law. The owner conveying an interest may use the following mechanisms to comply with the

Maxton Feed Mill (#21020-17-078) LUR Update

obligations of this paragraph: (i) If every lease and rider is identical in form, the owner conveying an interest may provide DEQ with copies of a form lease or rider evidencing compliance with this paragraph, in lieu of sending copies of actual, executed leases, to the persons listed in Section XV (Notice and Submissions); or (ii) The owner conveying an interest may provide abstracts of leases, rather than full copies of said leases, to the persons listed in Section XV.

☒ In compliance ☐ Out of compliance

Remarks: \_\_\_\_\_

LUR 9: None of the contaminants known to be present in the environmental media at the Brownfields Property, as described in paragraph 8 of Exhibit A attached to the Notice and as modified by DEQ in writing if additional contaminants in excess of applicable standards are discovered at the Brownfields Property, may be used or stored at the Brownfields Property without the prior written approval of DEQ, except:

- A. in *de minimis* quantities for cleaning and other routine housekeeping and maintenance activities;
- B. in fluids in vehicles; and
- C. as constituents of fuels, lubricants and oils in emergency generators; machinery, equipment and vehicles in on-board tanks integral to said equipment; or in flammable liquid storage containers totaling no more than 25 gallons;

☒ In compliance ☐ Out of compliance

Remarks: \_\_\_\_\_

LUR 10: Within 60 days after the effective date of the Agreement or prior to land disturbance activities, Prospective Developer shall abandon monitoring wells, injection wells, recovery wells, piezometers and other man-made points of groundwater access at the Brownfields Property, except the test supply well, in accordance with Subchapter 2C of Title 15A of the North Carolina Administrative Code, unless an alternate schedule is approved by DEQ. Within 30 days after doing so, the Prospective Developer shall provide DEQ a report, setting forth the procedures and results.

☒ In compliance ☐ Out of compliance

Remarks: \_\_\_\_\_

LUR 11: The owner of any portion of the Brownfields Property where any existing, or subsequently installed, DEQ-approved monitoring well is damaged by the owner, its contractors,



Maxton Feed Mill (#21020-17-078) LUR Update

or its tenants shall be responsible for repair of any such wells to DEQ's written satisfaction and within a time period acceptable to DEQ, unless compliance with this LUR is waived in writing by DEQ in advance.

☒ In compliance                      ☐ Out of compliance

Remarks: No damage to monitoring wells was observed at the time of the inspection.

LUR 12: Other than the chicken feed mill, scale house, truck repair shop and storage shed, no enclosed building may be constructed on the Brownfields Property and no existing building, defined as those depicted on the plat component of the Notice of Brownfields Property, may be occupied until DEQ determines in writing that:

- A. the building is or would be protective of the building's users, public health and the environment from risk of vapor intrusion based on site assessment data or a site-specific risk assessment approved in writing by DEQ; or
- B. the building is or would be sufficiently distant from the Brownfields Property's groundwater and/or soil contamination based on assessment data approved in writing by DEQ that the building's users, public health and the environment will be protected from risk from vapor intrusion related to said contamination; or
- C. vapor intrusion mitigation measures are installed and/or implemented to the satisfaction of a professional engineer licensed in North Carolina, as evidenced by said engineer's professional seal on a report that includes photographs and a description of the installation and performance of said measures. Any design specification for vapor intrusion mitigation measures shall be approved in writing by DEQ in advance of installation and/or implementation of said measures.
- D. The design specifications shall include methodology(ies) for demonstrating performance of said measures.

☒ In compliance                      ☐ Out of compliance

Remarks: \_\_\_\_\_

LUR 13: During January of each year after the year in which the Notice is recorded, the owner of any part of the Brownfields Property as of January 1<sup>st</sup> of that year shall submit a notarized Land Use Restrictions Update ("LURU") to DEQ, and to the chief public health and environmental officials of Robeson and Scotland Counties, certifying that, as of said January 1<sup>st</sup>, the Notice of Brownfields Property containing these land use restrictions remains recorded at the Robeson and Scotland Counties Register of Deeds offices and that the land use restrictions are being complied with, and stating:

- A. the name, mailing address, telephone and facsimile numbers, and contact person's e-mail address of the owner submitting the LURU if said owner acquired any part of the Brownfields Property during the previous calendar year;

Maxton Feed Mill (#21020-17-078) LUR Update

or its tenants shall be responsible for repair of any such wells to DEQ's written satisfaction and within a time period acceptable to DEQ, unless compliance with this LUR is waived in writing by DEQ in advance.

☒ In compliance ☐ Out of compliance

Remarks: No damage to monitoring wells was observed at the time of the inspection.

LUR 12: Other than the chicken feed mill, scale house, truck repair shop and storage shed, no enclosed building may be constructed on the Brownfields Property and no existing building, defined as those depicted on the plat component of the Notice of Brownfields Property, may be occupied until DEQ determines in writing that:

- A. the building is or would be protective of the building's users, public health and the environment from risk of vapor intrusion based on site assessment data or a site-specific risk assessment approved in writing by DEQ; or
- B. the building is or would be sufficiently distant from the Brownfields Property's groundwater and/or soil contamination based on assessment data approved in writing by DEQ that the building's users, public health and the environment will be protected from risk from vapor intrusion related to said contamination; or
- C. vapor intrusion mitigation measures are installed and/or implemented to the satisfaction of a professional engineer licensed in North Carolina, as evidenced by said engineer's professional seal on a report that includes photographs and a description of the installation and performance of said measures. Any design specification for vapor intrusion mitigation measures shall be approved in writing by DEQ in advance of installation and/or implementation of said measures.
- D. The design specifications shall include methodology(ies) for demonstrating performance of said measures.

☒ In compliance ☐ Out of compliance

Remarks: \_\_\_\_\_

LUR 13: During January of each year after the year in which the Notice is recorded, the owner of any part of the Brownfields Property as of January 1<sup>st</sup> of that year shall submit a notarized Land Use Restrictions Update ("LURU") to DEQ, and to the chief public health and environmental officials of Robeson and Scotland Counties, certifying that, as of said January 1<sup>st</sup>, the Notice of Brownfields Property containing these land use restrictions remains recorded at the Robeson and Scotland Counties Register of Deeds offices and that the land use restrictions are being complied with, and stating:

- A. the name, mailing address, telephone and facsimile numbers, and contact person's e-mail address of the owner submitting the LURU if said owner acquired any part of the Brownfields Property during the previous calendar year;

No portion of the property was acquired during 2022

- B. the transferee's name, mailing address, telephone and facsimile numbers, and contact person's e-mail address, if said owner transferred any part of the Brownfields Property during the previous calendar year; and

No portion of the property was transferred during 2022

- C. whether any additional water supply wells have been installed pursuant to LUR 4 of the Notice, and including well installation report with a water supply well location map and installation log(s).

No water supply wells were installed during 2022

☒ In compliance ☐ Out of compliance

Remarks: \_\_\_\_\_

Notarized signing and submittal of this LUR Update constitutes certification that the Notice of Brownfields Property remains recorded at the Robeson and Scotland County Register of Deeds offices and that the LURs are being complied with.

This LUR Update is certified by Mountaire Farms Inc., owner of at least part of the Brownfields Property on this \_\_\_\_\_ day of **January**, 2023.

Name typed or printed of party making certification: Mountaire Farms Inc.

[Note: additional entities or owners may be added if appropriate (i.e. multiple managing members/entities)]

By: Tanya Rogers-Vickers (signature)  
Name typed or printed: Tanya Rogers-Vickers  
Title typed or printed: Director of Environmental Compliance

DELAWARE  
SUSSEX COUNTY

I certify that the following person(s) personally appeared before me this day, each acknowledging to me that he or she voluntarily signed the foregoing document for the purpose stated therein and in the capacity indicated: Director of Environmental Compliance

Date: 1/31/23

[Signature]  
Official Signature of Notary

(Official Seal)

Notary's printed or typed name, Notary Public  
My commission expires: 3-25-2023



**NICOLE WRIGHT**  
**NOTARY PUBLIC**  
**STATE OF DELAWARE**  
**My Commission Expires 03-25-2023**

Maxton Feed Mill (#21020-17-078) LUR Update

(Official Seal)

Notary's printed or typed name, Notary Public  
My commission expires: 3-25-2023



**NICOLE WRIGHT**  
**NOTARY PUBLIC**  
**STATE OF DELAWARE**  
**My Commission Expires 03-25-2023**



## PHOTOGRAPHIC LOG



Science & Engineering Consultants  
synterracorp.com

**Client Name:**

Maxton Feed Mill

**Site Location:**

10800 Pell Dr, Maxton, North Carolina

**Project No.**

00.5754.00

**Photo #**

1

**Date:**

01/09/2023

**Direction of Photo:**

East

**Description:**

Entrance and weigh station for feed mill.

**Photo #**

2

**Date:**

01/09/2023

**Direction of Photo:**

Southwest

**Description:**

North side of facility and parking area.





## PHOTOGRAPHIC LOG



Science & Engineering Consultants  
synterracorp.com

**Client Name:**

Maxton Feed Mill

**Site Location:**

10800 Pell Dr, Maxton, North Carolina

**Project No.**

00.5754.00

**Photo #**

3

**Date:**

01/09/2023

**Direction of Photo:**

West

**Description:**

Rear of the facility. Parking lots, and truck weigh and fill station.

**Photo #**

4

**Date:**

01/09/2023

**Direction of Photo:**

West

**Description:**

Grain silos and loading area at rear of the facility.



## PHOTOGRAPHIC LOG



Science & Engineering Consultants  
synterracorp.com

**Client Name:**

Maxton Feed Mill

**Site Location:**

10800 Pell Dr, Maxton, North Carolina

**Project No.**

00.5754.00

**Photo #**

5

**Date:**

01/09/2023

**Direction of Photo:**

South

**Description:**

Parking lot at the back of the facility and view of train tracks leading onto facility.

**Photo #**

6

**Date:**

01/09/2023

**Direction of Photo:**

West

**Description:**

Rear silos and loading area.





## PHOTOGRAPHIC LOG



Science & Engineering Consultants  
synterracorp.com

**Client Name:**

Maxton Feed Mill

**Site Location:**

10800 Pell Dr, Maxton, North Carolina

**Project No.**

00.5754.00

**Photo #**

7

**Date:**

01/09/2023

**Direction of Photo:**

West

**Description:**

View from southeast corner of facility including entrance and weigh station, train tracks, and grain storage under white tarp on the right side of image.

**Photo #**

8

**Date:**

01/09/2023

**Direction of Photo:**

North

**Description:**

Maintenance shop onsite and AST.



## PHOTOGRAPHIC LOG



Science & Engineering Consultants  
synterracorp.com

**Client Name:**

Maxton Feed Mill

**Site Location:**

10800 Pell Dr, Maxton, North Carolina

**Project No.**

00.5754.00

**Photo #**

9

**Date:**

01/09/2023

**Direction of Photo:**

South

**Description:**

AST onsite.

**Photo #**

10

**Date:**

01/09/2023

**Direction of Photo:**

North

**Description:**

Newly parked JB Hunt contractor trailer and parking.





# Maxton SLS No. 10 627 NC Hwy 71N

January 1993  
Source: USGS

Legend



Google Earth

Image U.S. Geological Survey



200 ft



# Maxton SLS No. 10 627 NC Hwy 71N

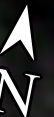
February 1999  
Source: USGS

Legend



Google Earth

Image U.S. Geological Survey



200 ft



# Maxton SLS No. 10 627 NC Hwy 71N

July 2006  
Source: USDA

Legend



Google Earth

Image USDA/FFAC/GEO



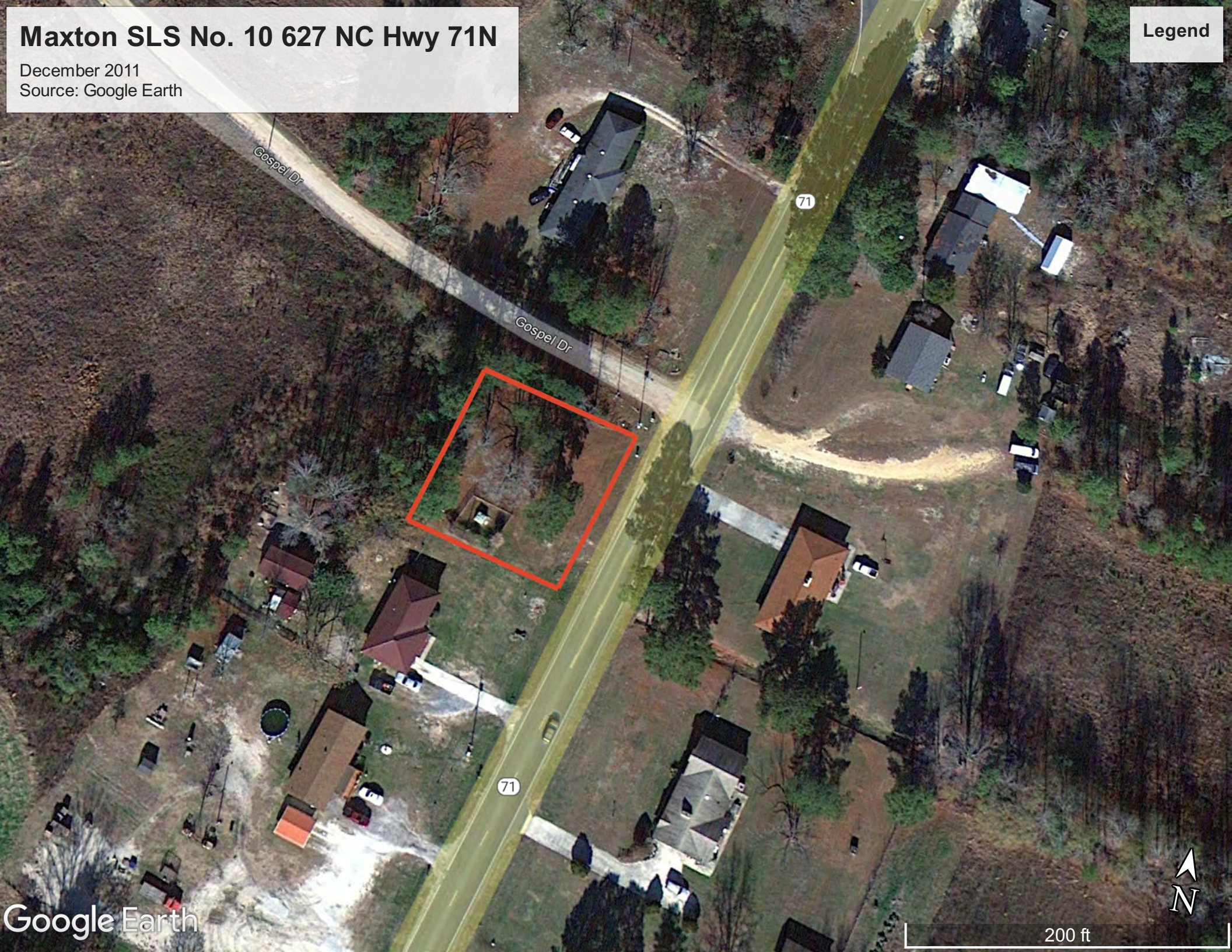
200 ft



# Maxton SLS No. 10 627 NC Hwy 71N

December 2011  
Source: Google Earth

Legend



Google Earth

200 ft





Maxton SLS No. 10 627 NC Hwy 71N

January 2015  
Source: Google Earth

Legend





Maxton SLS No. 10 627 NC Hwy 71N

October 2017  
Source: Google Earth

Legend





**Maxton Sewer Lift Station No. 11**  
**2074 NC Highway 71N, Maxton, NC 28364**

## INFRASTRUCTURE NEPA REVIEW QUESTIONNAIRE & SITE VISIT

**Project Name:** Town of Maxton Generators

**Address(es):** L.S. No. 11, 2074 Hwy 71N, Maxton, NC 28364

**HUD Program:** North Carolina Hurricane Matthew Recovery Program

**HUD Funding Amount:** \$688,600.00

**Non-HUD Program:** \$0.00

**Non-HUD Funding Amount:** \$0.00

**Non-HUD Funding Source:** \$0.00

**Non-HUD Funding Amount:** \$0.00

**Non-HUD Funding Source:** \$0.00

**Non-HUD Funding Amount:** \$0.00

**Project Description:** Town of Maxton and Robeson County seeks to install auxiliary power generator at the subject site. Current improvements on site consist of aboveground (Fiberglass case housing lift-station switching and monitoring instrumentation, control panels, and sensing equipment) and underground (sewer lift station) infrastructure. Improvements will include the purchase of generator equipment, to include automatic transfer switching capability, underground connections to lift station equipment, and ground-disturbing activities on which to mount the generator.

**State/Local Identifier:** 81 FR 83254, 11-21-16; 82 FR 5591, 1-18-17

<b>Type of Facility</b>	<input checked="" type="checkbox"/> Public owned <input type="checkbox"/> Industrial <input type="checkbox"/> Commercial <input type="checkbox"/> Residential
<b>Land Use Type and # Units</b> (check all that apply)	<input type="checkbox"/> Single Family Residential <input type="checkbox"/> Multi-family Residential <input type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Public services <input type="checkbox"/> Vacant, list previous use:
<b>Names of Non-residential Tenants on the Property and # Units</b> (Companies, Organizations, Public Services, Vacant and if for lease, etc.)	Town of Maxton, NC. Site of Lift Station No. 11, administered by Town of Maxton Waste Water Treatment Board.
<b>Project Type</b> (check all that apply)	<input type="checkbox"/> Acquisition of Property <input type="checkbox"/> Demolition <input checked="" type="checkbox"/> New Construction (Generator Pad & Connection Trenching) <input type="checkbox"/> Rehabilitation of Existing <input type="checkbox"/> Expansion of Existing <input type="checkbox"/> Replacement of Existing <input type="checkbox"/> Relocation <input type="checkbox"/> Leasing <input checked="" type="checkbox"/> Machinery and Equipment (Generator & Accouterments)



	<input type="checkbox"/> Other, explain:
<b>Other Non-HUD Funding will be Used for this Project</b>	<input type="checkbox"/> Yes, list source(s) and amount: <input checked="" type="checkbox"/> No
<b>Reason/Need for Project</b>	Provide Auxiliary Power availability in the event of primary power loss, allowing for waste water processing.
<b>Project Location and Project Plans</b>	Attach site plans, if available. Plans are: <input type="checkbox"/> Pending <input type="checkbox"/> Preliminary <input checked="" type="checkbox"/> 30% or other %: 95%: See Available Drawings, HERE: <a href="#">DPS ReBuildNC PMO - Maxton Generators-95% Design Plans-Non-ITB-01272023.pdf - All Documents (sharepoint.com)</a> <input type="checkbox"/> Final <input type="checkbox"/> If no plans are available, draw on tax maps (to be provided.) Please verify correct parcels and street addresses identified on tax maps.
<b>Square Footage of Project</b>	
<b>Soil Disturbance from Project</b>	<input checked="" type="checkbox"/> Yes, cause and depth: Proposed construction will consist of galvanized-metal racking, anchored in-ground, with electrical panels installed as part of rack. Connections to adjacent meters will be via underground trench. <input type="checkbox"/> No <input type="checkbox"/> Unknown
<b>Fill Needed for Project</b>	<input type="checkbox"/> Yes, source: <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown
<b>Site Inspections and/or Site Photographs</b>	<input checked="" type="checkbox"/> Yes, please attach. <a href="#">DPS ReBuildNC PMO - LS No. 11 Photos - All Documents (sharepoint.com)</a> <input type="checkbox"/> Pending <input type="checkbox"/> No
<b>Past Use of Site</b>	<input type="checkbox"/> Used as a dump, sanitary landfill or mine waste disposal area? Other: Present use is sewage lift station infrastructure. No previous development on site. This Lift Station primarily serves the Campbell Soup Company property (East) and widely-spaced residential and commercial properties on the other side of NC Hwy. 71N.
<b>Environmental Inspections</b> (Check all that apply. Identify if completed or pending <u>and</u> attach, if available. Include if previously done for site)	<input checked="" type="checkbox"/> None <input type="checkbox"/> Phase I ESA <input type="checkbox"/> Phase 2 ESA/Limited Site or Remedial Investigation (soils test) <input type="checkbox"/> Phase 3 ESA <input type="checkbox"/> Vapor Testing <input type="checkbox"/> Phase I Archeological Survey <input type="checkbox"/> Asbestos Inspection <input type="checkbox"/> Lead Inspection <input type="checkbox"/> Noise Assessment <input type="checkbox"/> Traffic Study <input type="checkbox"/> H&H Study

	<input type="checkbox"/> Other:
<b>Historic Properties</b>	<input checked="" type="checkbox"/> Year Structure Built: 1980 <input type="checkbox"/> Year Developed <input type="checkbox"/> Identified Historical Building or Property (onsite or adjacent?)
<b>Aboveground (AST) or Underground (UST) Storage Tanks Onsite, adjacent or proposed?</b>	<input type="checkbox"/> Yes, type and gallons, if known <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown <input type="checkbox"/> Offsite, if known
<b>Other Hazardous Materials used onsite</b> (Large Quantity Chemicals, Fuels, etc.)	List, if known: None noted
<b>Permits Required for Project</b> (Identify Type, Status and attach if available)	<input checked="" type="checkbox"/> Yes, list type and status: Local Construction Permit, to be coordinated by successful electrical contractor. <input type="checkbox"/> No <input type="checkbox"/> Unknown/TBD
<b>If New Construction, connecting to existing utilities</b> (sewer and water), <b>energy efficient</b>	<input checked="" type="checkbox"/> Yes – connecting to existing power panels with intervening ATS. <input type="checkbox"/> No, explain:
<b>Parks Located Nearby</b>	<input type="checkbox"/> Yes, type: <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown
<b>Wetland, Lake, River or Ocean on or adjacent to site</b>	<input checked="" type="checkbox"/> Yes; 8.16 ac. Project Site is located within Freshwater Forested/Shrub Wetland classified PFO1B. Area to south and east of project site is heavily overgrown with forest and undergrowth, and at its closest point, is 462 l.f. from the north bank of the Lumber River.
<b>Transportation at the Site</b> (note if adding/upgrading/using existing)	<input type="checkbox"/> Sidewalks <input type="checkbox"/> Bike Paths <input type="checkbox"/> Bus Access <input type="checkbox"/> Train Access Project site abuts NC 71N and entrance to Campbell Soup Manufacturing Facility.
<b>Agency Consults already completed? Previous NEPA review completed?</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown
<b>Other adjacent properties owned by same Subrecipient?</b>	<input type="checkbox"/> Yes, and Addresses:  <input checked="" type="checkbox"/> No
<b>Other projects on site or adjacent property by Subrecipient not included in Project Description/ Environmental Review?</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown

<b>Private or Non-HUD funds committed before NEPA done? (<i>Choice Limiting Action</i>)</b>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown
---	--

## Site Suitability, Access, and Compatibility with Surrounding Development

for recording impacts considered under Item 26 of HUD-Form 4128

Project Name	Investigator(s)	Site Visit Date
Maxton Generators	B. Blankenship	01/14/2023

### ZONING

**Is the project in compliance or conformance with local zoning?**

<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No (explain)	Municipal-Owned WWTP Lift Station Site
<input type="checkbox"/>			Not applicable (explain)	

### SITE OBSERVATIONS

#### Soil Stability, Erosion, and Drainage

**Describe slope at project site (Steep, Moderate, Slight, Level):**

Approximately 2 percent slope from NC71 to project site.

**\*Check** those features that were observed on or adjacent to the property at the time of the visit.

Natural Hazards			
No	Faults, fractures	No	Slope-failures from rains
No	Cliffs, bluffs, crevices	No	Hazardous terrain features
No	Evidence of slope erosion	No	High water table
No	Unstable slope conditions		Other (Specify):

Check all items that apply:

Wetlands Onsite or Adjacent			
	Drainage ways	x	Marsh, bogs, swamps
x	Streams, Rivers		Ponds
	Coastline		Lake

<b>Explain Wetlands onsite or adjacent below:</b>			
Project Site is located within Freshwater Forested/Shrub Wetland classified PFO1B. Area to south and east of project site is heavily overgrown with forest and undergrowth, and at its closest point, is 462 l.f. from the north bank of the Lumber River.			
<b>Toxic Chemicals and Contamination Onsite or Adjacent</b>			
No	Distressed Vegetation	No	Abandoned Machinery, Cars, etc.
No	Oil/Chemical Spill(s)	No	Transformers
No	Soil Staining, Pools of Liquid	X	Fill Vent Pipes, Pipelines
No	Fire hazard materials	No	Railroad Terminal or Crossing
No	Hazards in vacant lots	No	Other hazardous chemical storage
No	AST and/or UST ( <i>Below</i> )	No	Loose /Empty Barrels
No	Quarries or other excavations	No	Dumps/sanitary landfills or mining
No	Unsightly land uses	No	Inadequate screened drainage catchments
No	Gas, smoke, fumes	No	Odors
No	High pressure gas or liquid petroleum transmission lines on site		Other (Specify) 1. Sewer Lift Station with underground pipe connections; 2) Stormwater Drain with cover slab; 3) Security fencing topped with barbwire.
<b>Explain Toxic Chemical and Contamination onsite or adjacent below:</b>			

## **Above Ground Storage Tanks**

Are any above ground storage tanks visible from the site?

☐ Yes      ☒ No

If yes, are these tanks 100-gallons or larger?

☐ Yes      ☒ No

List Visible Tanks				
Tank Location	Tank Contents	Tank Size	Flammable? (Yes or No)	Pressurized? (Yes or No)
Not Applicable				

Proposed mitigation strategies (concrete pad, barrier, etc.) if siting of any tanks?
Not Applicable

## **Underground Storage Tanks**

List visible tanks				
Tank Location	Tank Contents	Tank Size	Flammable? (Yes or No)	Pressurized? (Yes or No)
Not Applicable				

Bill Blankenship  
Digitally signed by Bill Blankenship  
Date: 2023.02.02 07:34:52  
+05'00'

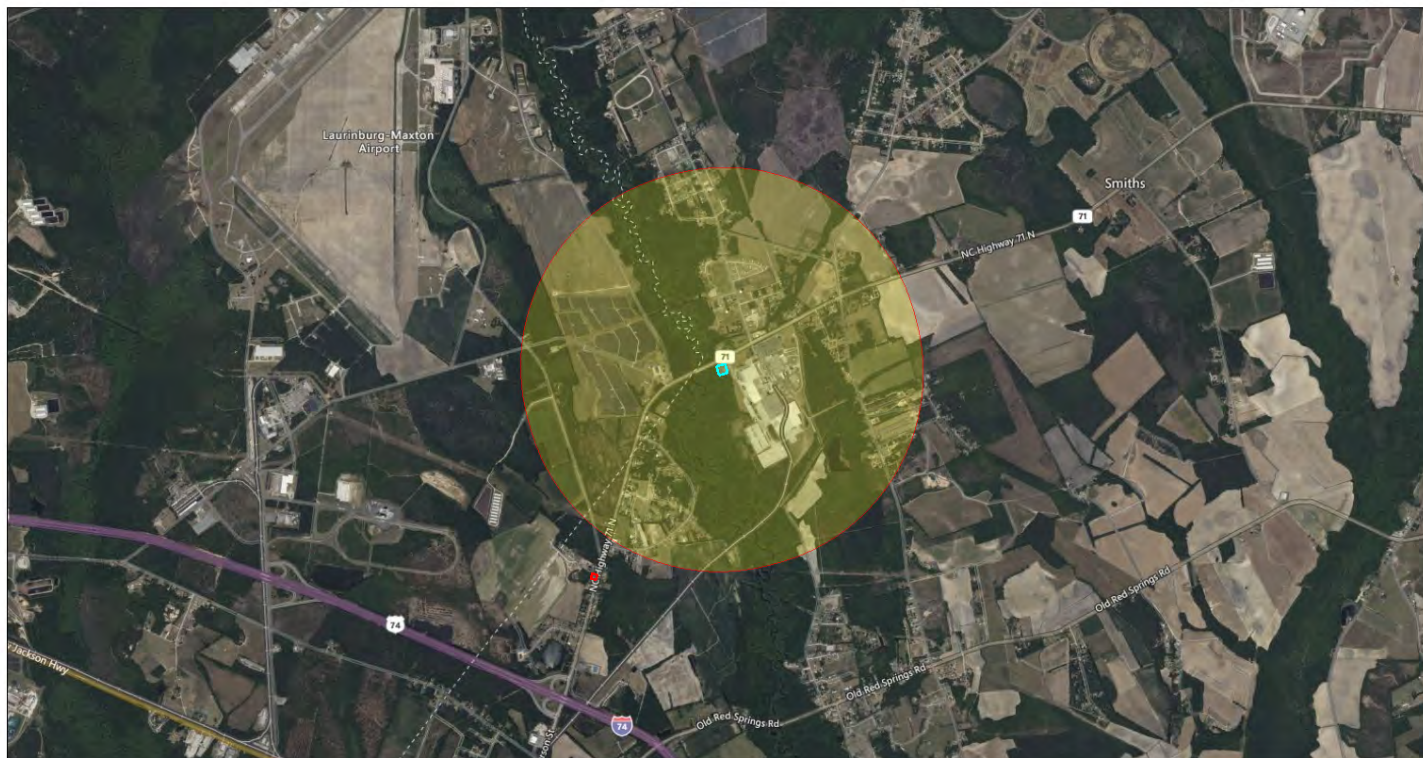
Lead Investigator's Signature

Date



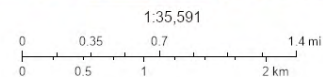
# NEPAssist Report

## Maxton Sewer Lift Station No. 11, 2074 NC Highway 71N, Maxton, NC 28364 - 1-mile Buffer



January 30, 2023

- Project Buffer
- Maxton Sewer Lift Station No. 11, 2074 NC Highway 71N, Maxton, NC 28364 - 1-mile Buffer
- Maxton Sewer Lift Station No. 10, 627 NC Highway 71N, Maxton, NC 28364



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Distribution Airbus DS © 2022 TomTom

Input Coordinates: 34.773663,-79.328745,34.773014,-79.328530,34.772845,-79.329311,34.773500,-79.329534,34.773663,-79.328745

Project Area	0.00 sq mi
Within 1 mile of an Ozone 8-hr (1997 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of an Ozone 8-hr (2008 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a Lead (2008 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a SO2 1-hr (2010 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a PM2.5 24hr (2006 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a PM2.5 Annual (1997 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a PM2.5 Annual (2012 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a PM10 (1987 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a Federal Land?	no
Within 1 mile of an impaired stream?	no
Within 1 mile of an impaired waterbody?	yes
Within 1 mile of a waterbody?	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?	yes

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

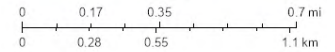
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**Maxton Sewer Lift Station No. 11, 2074 NC Highway 71N, Maxton, NC 28364 - 0.5-mile Buffer**

 Project Buffer

☐ Maxton Sewer Lift Station No. 11, 2074 NC Highway 71N, Maxton, NC 28364 - 0.5-mile Buffer

1:17,796



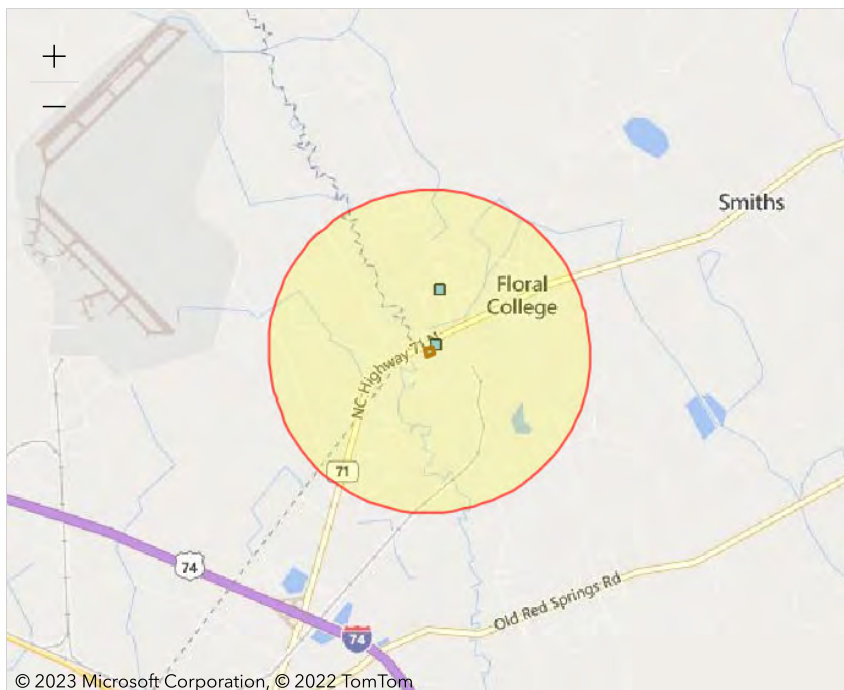
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Distribution Airbus DS © 2022 TomTom

Input Coordinates: 34.773663,-79.328745,34.773014,-79.328530,34.772845,-79.329311,34.773500,-79.329534,34.773663,-79.328745	
Project Area	0.00 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?	no
Within 0.5 miles of an impaired waterbody?	yes
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?	yes



Within 0.5 miles of a water discharger (NPDES)?	yes
Within 0.5 miles of a hazardous waste (RCRA) facility?	yes
Within 0.5 miles of an air emission facility?	yes
Within 0.5 miles of a school?	no
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
Within 0.5 miles of a Public Property Boundary of the Formerly Used Defense Sites?	no
Within 0.5 miles of a Munitions Response Site?	no
Within 0.5 miles of an Essential Fish Habitat (EFH)?	no
Within 0.5 miles of a Habitat Area of Particular Concern (HAPC)?	no
Within 0.5 miles of an EFH Area Protected from Fishing (EFHA)?	no
Within 0.5 miles of a Bureau of Land Management Area of Critical Environmental Concern?	no
Within 0.5 miles of an ESA-designated Critical Habitat Area per U.S. Fish & Wildlife Service?	no
Within 0.5 miles of an ESA-designated Critical Habitat river, stream or water feature per U.S. Fish & Wildlife Service?	no

Created on: 1/30/2023 10:28:25 AM



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Powered by Esri (<http://www.esri.com/>)**Report question: Within 1 of a Water dischargers site? yes**

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

  **Name****Distance**☐ MAXTON WTP (MAXTON,NC) ([https://enviro.epa.gov/enviro/ICIS\\_DETAIL\\_REPORTS\\_NPDESID.icis\\_tst?](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=NC0048577)

0.37 mile

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=NC0048577)  
**REGISTRY\_ID:** 110006709357**LATITUDE:** 34.77898**LONGITUDE:** -79.32785**PGM\_SYS\_ACRNM:** NPDES**PGM\_SYS\_ID:** NC0048577**LOCATION\_ADDRESS:** 265 MCGIRT RD NCSR 1308**CITY\_NAME:** MAXTON**COUNTY\_NAME:****STATE\_CODE:** NC**EPA\_REGION:** Region 4**POSTAL\_CODE:** 28364**FIPS\_CODE:****HUC\_CODE:**☐ CAMPBELL SOUP SUPPLY COMPANY (MAXTON,NC) ([https://enviro.epa.gov/enviro/ICIS\\_DETAIL\\_REPORTS\\_NPDESID.icis\\_tst?](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=NCG060029)

0.03 mile

npvalue=1&amp;npvalue=13&amp;npvalue=14&amp;npvalue=3&amp;npvalue=4&amp;npvalue=5&amp;npvalue=6&amp;rvalue=13&amp;npvalue=2&amp;npvalue=7&amp;npvalue=8&amp;npvalue=11&amp;npvalue=12&amp;npdesid=NCG060029)

**REGISTRY\_ID:** 110018837892**LATITUDE:** 34.773889**LONGITUDE:** -79.328333**PGM\_SYS\_ACRNM:** NPDES**PGM\_SYS\_ID:** NCG060029**LOCATION\_ADDRESS:** 2120 NC HWY 71 N**CITY\_NAME:** MAXTON**COUNTY\_NAME:** ROBESON**STATE\_CODE:** NC**EPA\_REGION:** Region 4**POSTAL\_CODE:** 28364**FIPS\_CODE:** NC155**HUC\_CODE:**



**Name**  
CAMPBELL SOUP SUPPLY COMPANY (MAXTON,NC) ([https://enviro.epa.gov/enviro/ICIS\\_DETAIL\\_REPORTS\\_NPDESID.icis\\_tst?](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=NCG500205))  
0.03 mile

**REGISTRY\_ID:** 110018837892

**LATITUDE:** 34.773889

**LONGITUDE:** -79.328333

**PGM\_SYS\_ACRNM:** NPDES

**PGM\_SYS\_ID:** NCG500205

**LOCATION\_ADDRESS:** 2120 NC HWY 71 N

**CITY\_NAME:** MAXTON

**COUNTY\_NAME:** ROBESON

**STATE\_CODE:** NC

**EPA\_REGION:** Region 4

**POSTAL\_CODE:** 28364

**FIPS\_CODE:** NC155

**HUC\_CODE:**

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Detailed Reports

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Results are based on data extracted on NOV-11-2012

**Note:** You are viewing results from the historic data system, Permit Compliance System (PCS). The state reporting this data to EPA no longer reports the data to PCS, but rather reports the data to a modernized system, Integrated Compliance Information System (ICIS). Use the following button to view the latest data from ICIS.     **Run a ICIS Search**

The data for the Permit Compliance System (PCS) is frozen in Envirofacts for the following states and territories as of the below listed dates:

- Frozen as of June 6th, 2006: MA,NH,RI,VI,PR,DC,MD,IN,NM,UT,HI,AK,ID
- Frozen as of August, 2006: AS,AT,CT,CZ,FM,GA,GB,GU,JA,MH,MP,MT,MW,NE,NI,NN,NV,NY,PA,PW,SD,SR,TT,UM
- Frozen as of April 24th, 2008: IL
- Frozen as of August 26th, 2008: AR,CA,CO,OK,TN,WI
- Frozen as of June 17th, 2009: TX, LA, GM, AL
- Frozen as of March 1st, 2012: DE
- Frozen as of Nov 29, 2012: AZ, IA, KS, ME, MS, NC, ND, NJ, OR, SC, VA, VT, WA, WV, WY

## Facility

FACILITY NAME (1)	Robeson Co Wtr Department Maxt	NPDES	NC0048577
FACILITY NAME (2)			
STREET 1	265 McGirt Rd NCSR 1308	SIC CODE	4941 = WATER SUPPLY
CITY	MAXTON TOWN	MAJOR / MINOR	
COUNTY NAME	ROBESON	TYPE OF OWNERSHIP	PRI = PRIVATE
STATE	NC	INDUSTRY CLASS	X
ZIP CODE	28364	ACTIVITY STATUS	A = Active
REGION	04	INACTIVE DATE	
LATITUDE	+3446350		
LONGITUDE	-07919570	TYPE OF PERMIT ISSUED	S = STATE
LAT/LON CODE OF ACCURACY	4 = NEAREST 30 SECONDS	PERMIT ISSUED DATE	15-SEP-2009
LAT/LON METHOD	A = MAP INTERPOLATION	PERMIT EXPIRED DATE	31-JUL-2014
LAT/LON SCALE		ORIGINAL PERMIT ISSUE DATE	30-SEP-1981
LAT/LON DATUM	1 = NAD27		
LAT/LON DESCRIPTION	01099		
USGS HYDRO BASIN CODE		STREAM SEGMENT	
FLOW	.2	MILEAGE IND	
RECEIVING STREAM CLASS CODE		FEDERAL_GRANT_IND	
RECEIVING WATERS	LUMBER RIVER	FINAL LIMITS IND	F = FINAL
PRETREATMENT CODE			
SLUDGE INDICATOR		SLUDGE CLASS FAC IND	
SLUDGE RELATED PERMIT NUM		ANNUAL DRY SLUDGE PROD	
MAILING NAME	Maxton WTP		
MAILING STREET (1)	265 McGirt Rd	MAILING STREET (2)	
MAILING CITY	Maxton	MAILING STATE	NC
MAILING ZIP CODE	28364		
SLUDGE COMMERCIAL HANDLER			
SLUDGE HANDLER STREET (1)		SLUDGE HANDLER STREET (2)	
SLUDGE HANDLER CITY		SLUDGE HANDLER STATE	
SLUDGE HANDLER ZIP CODE			
COGNIZANT OFFICIAL	Myron Neville	COGNIZANT OFFICIAL TEL	910-844-5611

## Permit Documents

FACILITY NAME (1)	Robeson Co Wtr Department Maxt	NPDES	NC0048577
FACILITY NAME (2)			

No Permit Documents Found.

## Permit Tracking

FACILITY NAME (1)	Robeson Co Wtr Department Maxt	NPDES	NC0048577
FACILITY NAME (2)		PERMIT ISSUED BY	S = STATE
PERMIT ISSUED DATE	15-SEP-2009	ORIGINAL DATE OF ISSUE	30-SEP-1981
PERMIT EXPIRED DATE	31-JUL-2014		

### Permit Tracking Events:

EVENT CODE	EVENT DESCRIPTION	ACTUAL DATE
P5099	PERMIT EXPIRED	31-JUL-2014
P4099	PERMIT ISSUED	15-SEP-2009
P3099	DRAFT PERMIT/PUBLIC NOTICE	03-JUL-2009
P1099	APPLICATION RECEIVED	15-JAN-2009

## Inspections

FACILITY NAME (1)	Robeson Co Wtr Department Maxt	NPDES	NC0048577
FACILITY NAME (2)			

INSPECTION TYPE	DATE OF INSPECTION	INSPECTION PERFORMED BY
C = COMPLIANCE EVAL (NON-SAMPLING)	25-JAN-2012	S = STATE
C = COMPLIANCE EVAL (NON-SAMPLING)	09-JAN-2012	S = STATE
C = COMPLIANCE EVAL (NON-SAMPLING)	20-JAN-2009	S = STATE
C = COMPLIANCE EVAL (NON-SAMPLING)	26-SEP-2007	S = STATE
C = COMPLIANCE EVAL (NON-SAMPLING)	22-NOV-2005	S = STATE
C = COMPLIANCE EVAL (NON-SAMPLING)	30-AUG-2005	S = STATE
C = COMPLIANCE EVAL (NON-SAMPLING)	17-MAR-2005	S = STATE
C = COMPLIANCE EVAL (NON-SAMPLING)	25-JUN-2004	S = STATE
C = COMPLIANCE EVAL (NON-SAMPLING)	17-JUN-2003	S = STATE
C = COMPLIANCE EVAL (NON-SAMPLING)	28-MAY-2002	S = STATE
C = COMPLIANCE EVAL (NON-SAMPLING)	29-MAY-2001	S = STATE
C = COMPLIANCE EVAL (NON-SAMPLING)	15-JUN-2000	S = STATE
C = COMPLIANCE EVAL (NON-SAMPLING)	04-JUN-1999	S = STATE
C = COMPLIANCE EVAL (NON-SAMPLING)	08-OCT-1996	S = STATE
C = COMPLIANCE EVAL (NON-SAMPLING)	06-MAR-1996	S = STATE
C = COMPLIANCE EVAL (NON-SAMPLING)	13-JUN-1995	S = STATE
C = COMPLIANCE EVAL (NON-SAMPLING)	07-MAR-1994	S = STATE

## Outfalls/Pipe Schedules

FACILITY NAME (1)	Robeson Co Wtr Department Maxt	NPDES	NC0048577
FACILITY NAME (2)		OUTFALL TYPE	
PIPE NUMBER	001	ACTIVITY STATUS	A = ACTIVE
REPORT DESIGNATOR	1	LATITUDE	+3446500
PIPE SET QUALIFIER	9	LONGITUDE	-07919500
INACTIVE DATE		LAT/LON ACCURACY	
INIT LIMITS START DATE		LAT/LON METHOD	
INIT LIMITS END DATE		LAT/LON SCALE	
INTERIM LIMITS START DATE		LAT/LON DATUM	

INTERIM LIMITS END DATE		LAT/LON DESCRIPTION	
FINAL LIMITS START DATE	01-OCT-2009	USGS HYDRO BASIN CODE	
FINAL LIMITS END DATE	31-JUL-2014	PIPE STREAM SEGMENT	
INIT SUBM. DATE(EPA)		RECEIVING STREAM CLASS CD	
SUBMISSION UNITS (EPA)		MILEAGE INDICATOR	
UNITS IN EPA SUBM. PERIOD	0	PIPE DESCRIPTION	Effluent
INIT SUBM. DATE (STATE)	28-OCT-2004		
SUBMISSION UNITS (STATE)	M = MONTHS		
UNITS IN STATE SUBM. PERIOD	1		
INIT REPORTING DATE	01-SEP-2004		
REPORTING UNITS	M = MONTHS		
UNITS IN REPORTING PERIOD	1		

## Limits Report

FACILITY NAME (1)	Robeson Co Wtr Department Maxt	NPDES	NC0048577
FACILITY NAME (2)		PIPE NUMBER	001
REPORT DESIGNATOR	1	PIPE SET QUALIFIER	9

LIMIT TYPE	PARAMETER CODE	MONITORING LOCATION	SEASON NUM	MODIFICATION NUM	MOD. PERIOD START DATE	MOD. PERIOD END DATE	CHANGE OF LIMIT STATUS	CONTESTED PARAMETER INDICATOR	DOCKET NUMBER	LONG FORMAT
5 = FINAL	PH	1 = EFFLUENT GROSS VALUE	0	0	01-OCT-2009	31-JUL-2014				YES
5 = FINAL	SOLIDS, TOTAL SUSPENDED	1 = EFFLUENT GROSS VALUE	0	0	01-OCT-2009	31-JUL-2014				YES
5 = FINAL	FLUORIDE, TOTAL (AS F)	1 = EFFLUENT GROSS VALUE	0	0	01-OCT-2009	31-JUL-2014				YES
5 = FINAL	CHLORINE, TOTAL RESIDUAL	1 = EFFLUENT GROSS VALUE	0	0	01-OCT-2009	31-JUL-2014				YES
5 = FINAL	MANGANESE, TOTAL (AS MN)	1 = EFFLUENT GROSS VALUE	0	0	01-OCT-2009	31-JUL-2014				YES
5 = FINAL	ZINC, TOTAL (AS ZN)	1 = EFFLUENT GROSS VALUE	0	0	01-OCT-2009	31-JUL-2014				YES
5 = FINAL	FLOW, IN CONDUIT OR THRU TREATMENT PLANT	1 = EFFLUENT GROSS VALUE	0	0	01-OCT-2009	31-JUL-2014				YES
5 = FINAL	IRON, TOTAL (AS FE)	1 = EFFLUENT GROSS VALUE	0	0	01-OCT-2009	31-JUL-2014				YES

## Measurements and Violations

FACILITY NAME (1)	Robeson Co Wtr Department Maxt	NPDES	NC0048577
FACILITY NAME (2)		LIMIT TYPE	5 = FINAL
PIPE NUMBER	001	SEASON NUM	0
REPORT DESIGNATOR	1	PARAMETER CODE	00400 = PH
PIPE SET QUALIFIER	9	MONITORING LOCATION	1 = EFFLUENT GROSS VALUE
MODIFICATION NUM	0		

MONITORING PERIOD END DATE	DISCHARGE IND	QTY MAXIMUM	QTY AVERAGE	CONC MAXIMUM	CONC AVERAGE	CONC MINIMUM	RNC DETECTION CODE	RNC DETECTION DATE	RNC RESOLUTION CODE	RNC RESOLUTION DATE	MEASUREMENT VIOLATION CODE	QUANTITY UNIT CODE	CONCENTRATION UNIT CODE
31-AUG-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-OCT-2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-JUL-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-SEP-2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-JUN-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-AUG-2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		

31-MAY-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JUL- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-APR-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JUN- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-MAR-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-MAY- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
29-FEB-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-APR- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-JAN-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-MAR- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-DEC-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	01-MAR- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-NOV-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JAN- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-OCT-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-DEC- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-SEP-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-NOV- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-AUG-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-OCT- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-JUL-2011				07.10000	06.90000	06.70000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		12 = SU SU STANDARD UNITS (I.E. PH)
30-JUN-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-AUG- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-MAY-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JUL- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-APR-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JUN- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-MAR-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-MAY- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
28-FEB-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-APR- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-JAN-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-MAR- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-DEC-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	02-MAR- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		



30-NOV-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JAN- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-OCT-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	30-DEC- 2010	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-SEP-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	30-NOV- 2010	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-AUG-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	30-OCT- 2010	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-JUL-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	30-SEP- 2010	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-JUN-2010				07.00000		07.00000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		12 = SU SU STANDARD UNITS (I.E. PH)
31-MAY-2010				07.20000		06.90000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		12 = SU SU STANDARD UNITS (I.E. PH)
30-APR-2010				06.90000		06.90000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		12 = SU SU STANDARD UNITS (I.E. PH)
31-MAR-2010				06.90000		06.90000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		12 = SU SU STANDARD UNITS (I.E. PH)
28-FEB-2010				07.30000		07.20000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		12 = SU SU STANDARD UNITS (I.E. PH)
31-JAN-2010				06.50000		06.30000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		12 = SU SU STANDARD UNITS (I.E. PH)
31-DEC-2009				07.10000		06.90000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		12 = SU SU STANDARD UNITS (I.E. PH)
30-NOV-2009				06.90000		06.80000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		12 = SU SU STANDARD UNITS (I.E. PH)
31-OCT-2009				06.80000		06.50000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		12 = SU SU STANDARD UNITS (I.E. PH)

FACILITY NAME (1)	Robeson Co Wtr Department Maxt	NPDES	NC0048577
FACILITY NAME (2)		LIMIT TYPE	5 = FINAL
PIPE NUMBER	001	SEASON NUM	0
REPORT DESIGNATOR	1	PARAMETER CODE	00530 = SOLIDS, TOTAL SUSPENDED
PIPE SET QUALIFIER	9	MONITORING LOCATION	1 = EFFLUENT GROSS VALUE
MODIFICATION NUM	0		

MONITORING PERIOD END DATE	DISCHARGE IND	QTY MAXIMUM	QTY AVERAGE	CONC MAXIMUM	CONC AVERAGE	CONC MINIMUM	RNC DETECTION CODE	RNC DETECTION DATE	RNC RESOLUTION CODE	RNC RESOLUTION DATE	MEASUREMENT VIOLATION CODE	QUANTITY UNIT CODE	CONCENTRATION UNIT CODE
31-AUG-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-OCT- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-JUL-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-SEP- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-JUN-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-AUG- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-MAY-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JUL- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-APR-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JUN- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-MAR-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-MAY- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
29-FEB-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-APR- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-JAN-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-MAR- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-DEC-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	01-MAR- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-NOV-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JAN- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-OCT-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-DEC- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-SEP-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-NOV- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-AUG-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-OCT- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-JUL-2011				018.0000	011.7000	05.40000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		19 = MG/L MG/L MILLIGRAMS PER LITER
30-JUN-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-AUG- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-MAY-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JUL- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-APR-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JUN- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		

31-MAR-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-MAY- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
28-FEB-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-APR- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-JAN-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-MAR- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-DEC-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	02-MAR- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-NOV-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JAN- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-OCT-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	30-DEC- 2010	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-SEP-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	30-NOV- 2010	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-AUG-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	30-OCT- 2010	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-JUL-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	30-SEP- 2010	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-JUN-2010				02.90000	02.60000	02.30000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		19 = MG/L MG/L MILLIGRAMS PER LITER
31-MAY-2010				04.00000	02.75000	01.50000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		19 = MG/L MG/L MILLIGRAMS PER LITER
30-APR-2010				03.10000	02.45000	01.80000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		19 = MG/L MG/L MILLIGRAMS PER LITER
31-MAR-2010				054.0000	028.0000	02.00000	T = TRC-TRC LIMITATIONS EXCEEDED	31-MAR- 2010	2 = RE-BACK INTO COMPLIANCE	31-AUG-2010	E90 = NUMERIC VIOLATION NUMERIC VIOL		19 = MG/L MG/L MILLIGRAMS PER LITER
28-FEB-2010				061.0000	036.5000	012.0000	T = TRC-TRC LIMITATIONS EXCEEDED	31-MAR- 2010	2 = RE-BACK INTO COMPLIANCE	31-AUG-2010	E90 = NUMERIC VIOLATION NUMERIC VIOL		19 = MG/L MG/L MILLIGRAMS PER LITER
31-JAN-2010				03.00000	02.00000	01.00000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		19 = MG/L MG/L MILLIGRAMS PER LITER
31-DEC-2009				02.40000	01.20000	0.000000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		19 = MG/L MG/L MILLIGRAMS PER LITER
30-NOV-2009				07.80000	04.90000	02.00000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		19 = MG/L MG/L MILLIGRAMS PER LITER

31-OCT-2009				06.00000	03.55000	01.10000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		19 = MG/L MG/L MILLIGRAMS PER LITER
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FACILITY NAME (1)	Robeson Co Wtr Department Maxt	NPDES	NC0048577
FACILITY NAME (2)		LIMIT TYPE	5 = FINAL
PIPE NUMBER	001	SEASON NUM	0
REPORT DESIGNATOR	1	PARAMETER CODE	00951 = FLUORIDE, TOTAL (AS F)
PIPE SET QUALIFIER	9	MONITORING LOCATION	1 = EFFLUENT GROSS VALUE
MODIFICATION NUM	0		

MONITORING PERIOD END DATE	DISCHARGE IND	QTY MAXIMUM	QTY AVERAGE	CONC MAXIMUM	CONC AVERAGE	CONC MINIMUM	RNC DETECTION CODE	RNC DETECTION DATE	RNC RESOLUTION CODE	RNC RESOLUTION DATE	MEASUREMENT VIOLATION CODE	QUANTITY UNIT CODE	CONCENTRATION UNIT CODE
31-AUG-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-OCT- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-JUL-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-SEP- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-JUN-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-AUG- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-MAY-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JUL- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-APR-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JUN- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-MAR-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-MAY- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
29-FEB-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-APR- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-JAN-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-MAR- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-DEC-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	01-MAR- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-NOV-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JAN- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-OCT-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-DEC- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-SEP-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-NOV- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-AUG-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-OCT- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-JUL-2011				0.140000	0.140000	0.140000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		19 = MG/L MG/L MILLIGRAMS PER LITER

30-JUN-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-AUG- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-MAY-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JUL- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-APR-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JUN- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-MAR-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-MAY- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
28-FEB-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-APR- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-JAN-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-MAR- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-DEC-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	02-MAR- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-NOV-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JAN- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-OCT-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	30-DEC- 2010	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-SEP-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	30-NOV- 2010	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-AUG-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	30-OCT- 2010	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-JUL-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	30-SEP- 2010	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-JUN-2010				0.130000	0.130000	0.130000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		19 = MG/L MG/L MILLIGRAMS PER LITER
31-MAY-2010				0.000000	0.000000	0.000000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		19 = MG/L MG/L MILLIGRAMS PER LITER
30-APR-2010				0.000000	0.000000	0.000000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		19 = MG/L MG/L MILLIGRAMS PER LITER
31-MAR-2010				01.10000	01.10000	01.10000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		19 = MG/L MG/L MILLIGRAMS PER LITER
28-FEB-2010				0.000000	0.000000	0.000000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		19 = MG/L MG/L MILLIGRAMS PER LITER



31-JAN-2010				0.180000	0.180000	0.180000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		19 = MG/L MG/L MILLIGRAMS PER LITER
31-DEC-2009				0.110000	0.110000	0.110000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		19 = MG/L MG/L MILLIGRAMS PER LITER
30-NOV-2009				0.000000	0.000000	0.000000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		19 = MG/L MG/L MILLIGRAMS PER LITER
31-OCT-2009				0.120000	0.120000	0.120000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		19 = MG/L MG/L MILLIGRAMS PER LITER

FACILITY NAME (1)	Robeson Co Wtr Department Maxt	NPDES	NC0048577
FACILITY NAME (2)		LIMIT TYPE	5 = FINAL
PIPE NUMBER	001	SEASON NUM	0
REPORT DESIGNATOR	1	PARAMETER CODE	01045 = IRON, TOTAL (AS FE)
PIPE SET QUALIFIER	9	MONITORING LOCATION	1 = EFFLUENT GROSS VALUE
MODIFICATION NUM	0		

MONITORING PERIOD END DATE	DISCHARGE IND	QTY MAXIMUM	QTY AVERAGE	CONC MAXIMUM	CONC AVERAGE	CONC MINIMUM	RNC DETECTION CODE	RNC DETECTION DATE	RNC RESOLUTION CODE	RNC RESOLUTION DATE	MEASUREMENT VIOLATION CODE	QUANTITY UNIT CODE	CONCENTRATION UNIT CODE
31-AUG-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-OCT- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-JUL-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-SEP- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-JUN-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-AUG- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-MAY-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JUL- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-APR-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JUN- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-MAR-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-MAY- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
29-FEB-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-APR- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-JAN-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-MAR- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-DEC-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	01-MAR- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-NOV-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JAN- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		

31-OCT-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-DEC- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-SEP-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-NOV- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-AUG-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-OCT- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-JUL-2011				0437.000	0437.000	0437.000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		28 = UG/L UG/L MICROGRAMS PER LITER
30-JUN-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-AUG- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-MAY-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JUL- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-APR-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JUN- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-MAR-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-MAY- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
28-FEB-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-APR- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-JAN-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-MAR- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-DEC-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	02-MAR- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-NOV-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JAN- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-OCT-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	30-DEC- 2010	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-SEP-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	30-NOV- 2010	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-AUG-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	30-OCT- 2010	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-JUL-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	30-SEP- 2010	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-JUN-2010				0843.000	0843.000	0843.000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		28 = UG/L UG/L MICROGRAMS PER LITER
31-MAY-2010				0575.000	0575.000	0575.000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		28 = UG/L UG/L MICROGRAMS PER LITER

30-APR-2010				0433.000	0433.000	0433.000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		28 = UG/L UG/L MICROGRAMS PER LITER
31-MAR-2010				00011005	00011005	00011005					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		19 = MG/L MG/L MILLIGRAMS PER LITER
28-FEB-2010				00016980	00016980	00016980					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		28 = UG/L UG/L MICROGRAMS PER LITER
31-JAN-2010				0486.000	0486.000	0486.000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		28 = UG/L UG/L MICROGRAMS PER LITER
31-DEC-2009				00001852	00001852	00001852					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		28 = UG/L UG/L MICROGRAMS PER LITER
30-NOV-2009				0681.000	0681.000	0681.000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		28 = UG/L UG/L MICROGRAMS PER LITER
31-OCT-2009				02.12200	02.12200	02.12200					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		19 = MG/L MG/L MILLIGRAMS PER LITER

FACILITY NAME (1)	Robeson Co Wtr Department Maxt	NPDES	NC0048577
FACILITY NAME (2)		LIMIT TYPE	5 = FINAL
PIPE NUMBER	001	SEASON NUM	0
REPORT DESIGNATOR	1	PARAMETER CODE	01055 = MANGANESE, TOTAL (AS MN)
PIPE SET QUALIFIER	9	MONITORING LOCATION	1 = EFFLUENT GROSS VALUE
MODIFICATION NUM	0		

MONITORING PERIOD END DATE	DISCHARGE IND	QTY MAXIMUM	QTY AVERAGE	CONC MAXIMUM	CONC AVERAGE	CONC MINIMUM	RNC DETECTION CODE	RNC DETECTION DATE	RNC RESOLUTION CODE	RNC RESOLUTION DATE	MEASUREMENT VIOLATION CODE	QUANTITY UNIT CODE	CONCENTRATION UNIT CODE
31-AUG-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-OCT- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-JUL-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-SEP- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-JUN-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-AUG- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-MAY-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JUL- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-APR-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JUN- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-MAR-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-MAY- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
29-FEB-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-APR- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		

31-JAN-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-MAR- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-DEC-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	01-MAR- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-NOV-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JAN- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-OCT-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-DEC- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-SEP-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-NOV- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-AUG-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-OCT- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-JUL-2011				0131.000	0131.000	0131.000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		28 = UG/L UG/L MICROGRAMS PER LITER
30-JUN-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-AUG- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-MAY-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JUL- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-APR-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JUN- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-MAR-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-MAY- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
28-FEB-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-APR- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-JAN-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-MAR- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-DEC-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	02-MAR- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-NOV-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JAN- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-OCT-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	30-DEC- 2010	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-SEP-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	30-NOV- 2010	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-AUG-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	30-OCT- 2010	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		

31-JUL-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	30-SEP- 2010	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-JUN-2010	8 = OTHER										E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		
31-MAY-2010	8 = OTHER										E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		
30-APR-2010				0241.000	0241.000	0241.000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		28 = UG/L UG/L MICROGRAMS PER LITER
31-MAR-2010	8 = OTHER										E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		
28-FEB-2010	8 = OTHER										E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		
31-JAN-2010				0194.000	0194.000	0194.000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		28 = UG/L UG/L MICROGRAMS PER LITER
31-DEC-2009	8 = OTHER										E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		
30-NOV-2009	8 = OTHER										E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		
31-OCT-2009				0129.000	0129.000	0129.000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		28 = UG/L UG/L MICROGRAMS PER LITER

FACILITY NAME (1)	Robeson Co Wtr Department Maxt	NPDES	NC0048577
FACILITY NAME (2)		LIMIT TYPE	5 = FINAL
PIPE NUMBER	001	SEASON NUM	0
REPORT DESIGNATOR	1	PARAMETER CODE	01092 = ZINC, TOTAL (AS ZN)
PIPE SET QUALIFIER	9	MONITORING LOCATION	1 = EFFLUENT GROSS VALUE
MODIFICATION NUM	0		

MONITORING PERIOD END DATE	DISCHARGE IND	QTY MAXIMUM	QTY AVERAGE	CONC MAXIMUM	CONC AVERAGE	CONC MINIMUM	RNC DETECTION CODE	RNC DETECTION DATE	RNC RESOLUTION CODE	RNC RESOLUTION DATE	MEASUREMENT VIOLATION CODE	QUANTITY UNIT CODE	CONCENTRATION UNIT CODE
31-AUG-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-OCT- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-JUL-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-SEP- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-JUN-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-AUG- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		



31-MAY-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JUL- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-APR-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JUN- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-MAR-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-MAY- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
29-FEB-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-APR- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-JAN-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-MAR- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-DEC-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	01-MAR- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-NOV-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JAN- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-OCT-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-DEC- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-SEP-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-NOV- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-AUG-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-OCT- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-JUL-2011				063.0000	063.0000	063.0000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		28 = UG/L UG/L MICROGRAMS PER LITER
30-JUN-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-AUG- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-MAY-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JUL- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-APR-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JUN- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-MAR-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-MAY- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
28-FEB-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-APR- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-JAN-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-MAR- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-DEC-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	02-MAR- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		

30-NOV-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JAN- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-OCT-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	30-DEC- 2010	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-SEP-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	30-NOV- 2010	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-AUG-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	30-OCT- 2010	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-JUL-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	30-SEP- 2010	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-JUN-2010				047.0000	047.0000	047.0000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		28 = UG/L UG/L MICROGRAMS PER LITER
31-MAY-2010				017.0000	017.0000	017.0000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		28 = UG/L UG/L MICROGRAMS PER LITER
30-APR-2010				078.0000	078.0000	078.0000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		28 = UG/L UG/L MICROGRAMS PER LITER
31-MAR-2010				0154.000	0154.000	0154.000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		19 = MG/L MG/L MILLIGRAMS PER LITER
28-FEB-2010				0215.000	0215.000	0215.000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		28 = UG/L UG/L MICROGRAMS PER LITER
31-JAN-2010				021.0000	021.0000	021.0000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		28 = UG/L UG/L MICROGRAMS PER LITER
31-DEC-2009				089.0000	089.0000	089.0000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		28 = UG/L UG/L MICROGRAMS PER LITER
30-NOV-2009				0246.000	0246.000	0246.000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		28 = UG/L UG/L MICROGRAMS PER LITER
31-OCT-2009				061.0000	061.0000	061.0000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		28 = UG/L UG/L MICROGRAMS PER LITER

FACILITY NAME (1)	Robeson Co Wtr Department Maxt	NPDES	NC0048577
FACILITY NAME (2)		LIMIT TYPE	5 = FINAL
PIPE NUMBER	001	SEASON NUM	0
REPORT DESIGNATOR	1	PARAMETER CODE	50050 = FLOW, IN CONDUIT OR THRU TREATMENT PLANT
PIPE SET QUALIFIER	9	MONITORING LOCATION	1 = EFFLUENT GROSS VALUE
MODIFICATION NUM	0		

MONITORING PERIOD END DATE	DISCHARGE IND	QTY MAXIMUM	QTY AVERAGE	CONC MAXIMUM	CONC AVERAGE	CONC MINIMUM	RNC DETECTION CODE	RNC DETECTION DATE	RNC RESOLUTION CODE	RNC RESOLUTION DATE	MEASUREMENT VIOLATION CODE	QUANTITY UNIT CODE	CONCENTRATION UNIT CODE
31-AUG-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-OCT- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-JUL-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-SEP- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-JUN-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-AUG- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-MAY-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JUL- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-APR-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JUN- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-MAR-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-MAY- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
29-FEB-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-APR- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-JAN-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-MAR- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-DEC-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	01-MAR- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-NOV-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JAN- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-OCT-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-DEC- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-SEP-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-NOV- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-AUG-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-OCT- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-JUL-2011		0.200000	0.200000								E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL	03 = MGD MGD MILLION GALLONS PER DAY	
30-JUN-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-AUG- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-MAY-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JUL- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-APR-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JUN- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		

31-MAR-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-MAY- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
28-FEB-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-APR- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-JAN-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-MAR- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-DEC-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	02-MAR- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-NOV-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JAN- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-OCT-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	30-DEC- 2010	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-SEP-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	30-NOV- 2010	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-AUG-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	30-OCT- 2010	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-JUL-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	30-SEP- 2010	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-JUN-2010		0.100000	0.100000								E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL	03 = MGD MGD MILLION GALLONS PER DAY	
31-MAY-2010		0.100000	0.100000								E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL	03 = MGD MGD MILLION GALLONS PER DAY	
30-APR-2010		0.100000	0.100000								E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL	03 = MGD MGD MILLION GALLONS PER DAY	
31-MAR-2010		0.100000	0.100000								E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL	03 = MGD MGD MILLION GALLONS PER DAY	
28-FEB-2010		0.100000	0.100000								E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL	03 = MGD MGD MILLION GALLONS PER DAY	
31-JAN-2010		0.100000	0.100000								E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL	03 = MGD MGD MILLION GALLONS PER DAY	
31-DEC-2009		0.100000	0.100000								E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL	03 = MGD MGD MILLION GALLONS PER DAY	
30-NOV-2009		0.100000	0.100000								E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL	03 = MGD MGD MILLION GALLONS PER DAY	

31-OCT-2009		0.100000	0.100000								E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL	03 = MGD MGD MILLION GALLONS PER DAY	
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FACILITY NAME (1)	Robeson Co Wtr Department Maxt	NPDES	NC0048577
FACILITY NAME (2)		LIMIT TYPE	5 = FINAL
PIPE NUMBER	001	SEASON NUM	0
REPORT DESIGNATOR	1	PARAMETER CODE	50060 = CHLORINE, TOTAL RESIDUAL
PIPE SET QUALIFIER	9	MONITORING LOCATION	1 = EFFLUENT GROSS VALUE
MODIFICATION NUM	0		

MONITORING PERIOD END DATE	DISCHARGE IND	QTY MAXIMUM	QTY AVERAGE	CONC MAXIMUM	CONC AVERAGE	CONC MINIMUM	RNC DETECTION CODE	RNC DETECTION DATE	RNC RESOLUTION CODE	RNC RESOLUTION DATE	MEASUREMENT VIOLATION CODE	QUANTITY UNIT CODE	CONCENTRATION UNIT CODE
31-AUG-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-OCT- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-JUL-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-SEP- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-JUN-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-AUG- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-MAY-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JUL- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-APR-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JUN- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-MAR-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-MAY- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
29-FEB-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-APR- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-JAN-2012							N = RPT- NONRECEIPT OF DMR/CS RPT	30-MAR- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-DEC-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	01-MAR- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-NOV-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JAN- 2012	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-OCT-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-DEC- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-SEP-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-NOV- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-AUG-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-OCT- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-JUL-2011				0.000000	0.000000	0.000000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		28 = UG/L UG/L MICROGRAMS PER LITER



30-JUN-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-AUG- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-MAY-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JUL- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-APR-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JUN- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-MAR-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-MAY- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
28-FEB-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-APR- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-JAN-2011							N = RPT- NONRECEIPT OF DMR/CS RPT	30-MAR- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-DEC-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	02-MAR- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-NOV-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	30-JAN- 2011	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-OCT-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	30-DEC- 2010	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-SEP-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	30-NOV- 2010	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-AUG-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	30-OCT- 2010	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
31-JUL-2010							N = RPT- NONRECEIPT OF DMR/CS RPT	30-SEP- 2010	1 = NC- UNRESOLVED RNC		D20 = DMR OVERDUE (STATE) OVERDUE		
30-JUN-2010				0.000000	0.000000	0.000000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		28 = UG/L UG/L MICROGRAMS PER LITER
31-MAY-2010				0.000000	0.000000	0.000000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		28 = UG/L UG/L MICROGRAMS PER LITER
30-APR-2010				0.000000	0.000000	0.000000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		28 = UG/L UG/L MICROGRAMS PER LITER
31-MAR-2010				0.000000	0.000000	0.000000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		28 = UG/L UG/L MICROGRAMS PER LITER
28-FEB-2010				0.000000	0.000000	0.000000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		28 = UG/L UG/L MICROGRAMS PER LITER

31-JAN-2010				0.000000	0.000000	0.000000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		28 = UG/L UG/L MICROGRAMS PER LITER
31-DEC-2009				0.000000	0.000000	0.000000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		28 = UG/L UG/L MICROGRAMS PER LITER
30-NOV-2009				01.00000	0.500000	0.000000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		28 = UG/L UG/L MICROGRAMS PER LITER
31-OCT-2009				025.0000	012.5000	0.000000					E00 = MEASUREMENT ONLY, NO VIOLATION NO VIOL		28 = UG/L UG/L MICROGRAMS PER LITER

## Compliance Schedules and Violations

FACILITY NAME (1)	Robeson Co Wtr Department Maxt	NPDES	NC0048577
FACILITY NAME (2)			

No Compliance Schedules Found.

## Evidentiary Hearings

FACILITY NAME (1)	Robeson Co Wtr Department Maxt	NPDES	NC0048577
FACILITY NAME (2)			

No PCS Evidentiary Hearing Information Found.

## Pretreatment Inspections/Audits

FACILITY NAME (1)	Robeson Co Wtr Department Maxt	NPDES	NC0048577
FACILITY NAME (2)			

No PCS Pretreatment Inspections Found.

## Pretreatment Performance Summary

FACILITY NAME (1)	Robeson Co Wtr Department Maxt	NPDES	NC0048577
FACILITY NAME (2)			

No PCS Pretreatment Performance Summary Information Found.

### Data Refresh Information

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## Facility

FACILITY NAME (1)	MAXTON WTP	NPDES	NC0048577
STREET 1	265 MCGIRT RD NCSR 1308	SIC CODE	4941 = Water Supply
CITY		MAJOR / MINOR	
COUNTY NAME	Robeson	TYPE OF OWNERSHIP	Privately Owned Facility
STATE	NC	ACTIVITY STATUS	Admin Continued
ZIP CODE	28364	INACTIVE DATE	
REGION	Region 4	TYPE OF PERMIT ISSUED	NPDES Individual Permit
LATITUDE	34.776389	ORIGINAL PERMIT ISSUE DATE	30-SEP-1981
LONGITUDE	-79.3325	PERMIT ISSUED DATE	15-SEP-2009
LAT/LON CODE OF ACCURACY	30	PERMIT EXPIRED DATE	31-JUL-2014
LAT/LON METHOD			
LAT/LON SCALE		USGS HYDRO BASIN CODE	
LAT/LON DATUM		FLOW	200000
RECEIVING WATERS		FEDERAL GRANT IND	

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		COGNIZANT OFFICIAL TEL	

## Activity

FACILITY NAME (1)	MAXTON WTP	NPDES	NC0048577
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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				
	Administrative - Informal	Achieved	31-MAY-2022		31-MAY-2022
	Administrative - Informal	Achieved	30-OCT-2019		30-OCT-2019
	Administrative - Informal	Achieved	30-JUN-2021		30-JUN-2021
	Administrative - Informal	Achieved	30-DEC-2022		30-DEC-2022
	Administrative - Informal	Achieved	30-AUG-2022		30-AUG-2022
	Administrative - Formal	Closed	30-AUG-2019		
MAXTON WTP (Permit NC0048577) Compliance Eval (Non-Sampling)	Inspection/Evaluation		30-AUG-2005		30-AUG-2005
MAXTON WTP (Permit NC0048577) Compliance Eval (Non-Sampling)	Inspection/Evaluation		29-MAY-2001		29-MAY-2001
	Administrative - Informal	Achieved	29-MAR-2022		29-MAR-2022
	Administrative - Informal	Achieved	29-APR-2019		29-APR-2019

	Administrative - Informal	Achieved	28-NOV-2022		28-NOV-2022
MAXTON WTP (Permit NC0048577) Compliance Eval (Non-Sampling)	Inspection/Evaluation		28-MAY-2002		28-MAY-2002
	Administrative - Informal	Achieved	28-JUN-2022		28-JUN-2022
	Administrative - Informal	Achieved	28-JUN-2019		28-JUN-2019
MAXTON WTP (Permit NC0048577) Letter Of Violation/Warning Letter	Administrative - Informal	Achieved	28-AUG-2008		28-AUG-2008
	Administrative - Informal	Achieved	27-MAR-2020		27-MAR-2020
	Administrative - Informal	Achieved	27-JAN-2022		27-JAN-2022
MAXTON WTP (Permit NC0048577) Compliance Eval (Non-Sampling)	Inspection/Evaluation		26-SEP-2007		26-SEP-2007
	Administrative - Informal	Achieved	25-MAR-2019		25-MAR-2019
MAXTON WTP (Permit NC0048577) Compliance Eval (Non-Sampling)	Inspection/Evaluation		25-JUN-2004		25-JUN-2004
MAXTON WTP (Permit NC0048577) Compliance Eval (Non-Sampling)	Inspection/Evaluation		25-JAN-2012		25-JAN-2012
	Administrative - Informal	Achieved	23-MAY-2017		23-MAY-2017
MAXTON WTP (Permit NC0048577) Compliance Eval (Non-Sampling)	Inspection/Evaluation		22-NOV-2005		22-NOV-2005
	Administrative - Informal	Achieved	22-MAY-2020		22-MAY-2020
	Administrative - Informal	Achieved	21-SEP-2015		21-SEP-2015
	Administrative - Formal	Closed	21-MAY-2019		
	Administrative - Informal	Achieved	21-MAY-2018		21-MAY-2018
	Administrative - Informal	Achieved	21-MAR-2017		21-MAR-2017
MAXTON WTP (Permit NC0048577) Cwa Penalty Ao	Administrative - Formal	Closed	20-JUL-2010	01-DEC-2012	20-JUL-2010



MAXTON WTP (Permit NC0048577) Compliance Eval (Non-Sampling)	Inspection/Evaluation		20-JAN-2009		20-JAN-2009
MAXTON WTP (Permit NC0048577) Letter Of Violation/Warning Letter	Administrative - Informal	Achieved	20-FEB-2008		20-FEB-2008
	Administrative - Informal	Achieved	20-DEC-2021		20-DEC-2021
MAXTON WTP (Permit NC0048577) Letter Of Violation/Warning Letter	Administrative - Informal	Achieved	19-MAY-2009		19-MAY-2009
	Administrative - Informal	Achieved	19-JUL-2019		19-JUL-2019
	Administrative - Informal	Achieved	18-FEB-2019		18-FEB-2019
MAXTON WTP (Permit NC0048577) Cwa Penalty Ao	Administrative - Formal	Closed	18-APR-2012	01-DEC-2012	18-APR-2012
MAXTON WTP (Permit NC0048577) Compliance Eval (Non-Sampling)	Inspection/Evaluation		17-MAR-2005		17-MAR-2005
MAXTON WTP (Permit NC0048577) Compliance Eval (Non-Sampling)	Inspection/Evaluation		17-JUN-2003		17-JUN-2003
MAXTON WTP (Permit NC0048577) Letter Of Violation/Warning Letter	Administrative - Informal	Achieved	17-APR-2008		17-APR-2008
NC0048577-CEI-2014-04-03	Inspection/Evaluation	Active	16-OCT-2019	03-APR-2014	03-APR-2014
NC0048577-CEI-2019-06-12	Inspection/Evaluation	Active	16-OCT-2019	12-JUN-2019	12-JUN-2019
MAXTON WTP (Permit NC0048577) Letter Of Violation/Warning Letter	Administrative - Informal	Achieved	15-OCT-2009		15-OCT-2009
MAXTON WTP (Permit NC0048577) Compliance Eval (Non-Sampling)	Inspection/Evaluation		15-JUN-2000		15-JUN-2000
	Administrative - Informal	Achieved	15-JUL-2019		15-JUL-2019
MAXTON WTP (Permit NC0048577) Letter Of Violation/Warning Letter	Administrative - Informal	Achieved	15-JUL-2009		15-JUL-2009
	Administrative - Formal	Closed	15-JAN-2020		
	Administrative - Formal	Closed	14-JUL-2020		
	Administrative - Informal	Achieved	13-NOV-2014		13-NOV-2014

MAXTON WTP (Permit NC0048577) Compliance Eval (Non-Sampling)	Inspection/Evaluation		13-JUN-1995		13-JUN-1995
	Administrative - Informal	Achieved	12-NOV-2014		12-NOV-2014
MAXTON WTP (Permit NC0048577) Letter Of Violation/Warning Letter	Administrative - Informal	Achieved	12-JAN-2009		12-JAN-2009
	Administrative - Informal	Achieved	12-APR-2019		12-APR-2019
NPDES Permit (CWA)	Permit	Active	11-SEP-2014		
	Administrative - Informal	Achieved	11-JAN-2016		11-JAN-2016
MAXTON WTP (Permit NC0048577) Cwa Penalty Ao	Administrative - Formal	Closed	11-AUG-2010	01-DEC-2012	11-AUG-2010
	Administrative - Informal	Achieved	09-FEB-2017		09-FEB-2017
	Administrative - Informal	Achieved	09-APR-2020		09-APR-2020
MAXTON WTP (Permit NC0048577) Cwa Penalty Ao	Administrative - Formal	Closed	09-APR-2009	01-DEC-2012	09-APR-2009
MAXTON WTP (Permit NC0048577) Compliance Eval (Non-Sampling)	Inspection/Evaluation		08-OCT-1996		08-OCT-1996
MAXTON WTP (Permit NC0048577) Compliance Eval (Non-Sampling)	Inspection/Evaluation		07-MAR-1994		07-MAR-1994
MAXTON WTP (Permit NC0048577) Compliance Eval (Non-Sampling)	Inspection/Evaluation		06-MAR-1996		06-MAR-1996
NPDES Permit (CWA)	Permit	Active	06-FEB-2020		
	Administrative - Formal	Closed	06-AUG-2018		
	Administrative - Informal	Achieved	06-AUG-2018		06-AUG-2018
MAXTON WTP (Permit NC0048577) Letter Of Violation/Warning Letter	Administrative - Informal	Achieved	05-MAR-2012		05-MAR-2012
	Administrative - Informal	Achieved	04-OCT-2021		04-OCT-2021
	Administrative - Informal	Achieved	04-MAR-2019		04-MAR-2019

MAXTON WTP (Permit NC0048577) Compliance Eval (Non-Sampling)	Inspection/Evaluation		04-JUN-1999		04-JUN-1999
	Administrative - Informal	Achieved	03-OCT-2022		03-OCT-2022
	Administrative - Informal	Achieved	03-MAY-2022		03-MAY-2022
	Administrative - Informal	Achieved	03-MAR-2016		03-MAR-2016
	Administrative - Informal	Achieved	03-JUN-2021		03-JUN-2021
	Administrative - Informal	Achieved	03-AUG-2021		03-AUG-2021
	Administrative - Informal	Achieved	02-NOV-2020		02-NOV-2020
	Administrative - Informal	Achieved	02-JUL-2018		02-JUL-2018
	Administrative - Informal	Achieved	01-NOV-2022		01-NOV-2022
	Administrative - Informal	Achieved	01-NOV-2021		01-NOV-2021
	Administrative - Informal	Achieved	01-AUG-2022		01-AUG-2022

## Contacts

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
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No Contacts Found.

## Permit Tracking

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>PERMIT ISSUED BY</b>		<b>ORIGINAL DATE OF ISSUE</b>	30-SEP-1981
<b>PERMIT ISSUED DATE</b>	15-SEP-2009	<b>PERMIT EXPIRED DATE</b>	31-JUL-2014
<b>EFFECTIVE DATE</b>	01-OCT-2009	<b>RETIREMENT DATE</b>	31-AUG-2014

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>PERMIT ISSUED BY</b>		<b>ORIGINAL DATE OF ISSUE</b>	30-SEP-1981

<b>PERMIT ISSUED DATE</b>	08-JAN-2020	<b>PERMIT EXPIRED DATE</b>	31-JUL-2024
<b>EFFECTIVE DATE</b>	01-FEB-2020	<b>RETIREMENT DATE</b>	

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>PERMIT ISSUED BY</b>		<b>ORIGINAL DATE OF ISSUE</b>	30-SEP-1981
<b>PERMIT ISSUED DATE</b>	08-AUG-2014	<b>PERMIT EXPIRED DATE</b>	31-JUL-2019
<b>EFFECTIVE DATE</b>	01-SEP-2014	<b>RETIREMENT DATE</b>	31-JAN-2020

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>PERMIT ISSUED BY</b>		<b>ORIGINAL DATE OF ISSUE</b>	30-SEP-1981
<b>PERMIT ISSUED DATE</b>	01-SEP-2004	<b>PERMIT EXPIRED DATE</b>	31-JUL-2009
<b>EFFECTIVE DATE</b>	01-SEP-2004	<b>RETIREMENT DATE</b>	

**Permit Tracking Events:**

<b>EVENT DESCRIPTION</b>	<b>EVENT DATE</b>
Permit Expiration	31-JUL-2024
Permit Effective	01-FEB-2020
Permit Retired	31-JAN-2020
Permit Issued	08-JAN-2020
Permit Reissued	08-JAN-2020
Draft Permit/Public Notice	01-NOV-2019
Permit Expiration	31-JUL-2019
Application/NOI Complete	28-JAN-2019
Application/NOI Received	28-JAN-2019
Permit Effective	01-SEP-2014
Permit Retired	31-AUG-2014
Permit Issued	08-AUG-2014
Permit Reissued	08-AUG-2014
Permit Continued	01-AUG-2014
Permit Expiration	31-JUL-2014
Draft Permit/Public Notice	12-JUN-2014
Application/NOI Complete	13-MAR-2014
Application/NOI Received	13-MAR-2014

Permit Effective	01-OCT-2009
Permit Reissued	01-OCT-2009
Permit Issued	15-SEP-2009
Schedule to Issue	17-AUG-2009
Permit Expiration	31-JUL-2009
Draft Permit/Public Notice	03-JUL-2009
Application/NOI Received	15-JAN-2009
Permit Issued	01-SEP-2004
Permit Effective	01-SEP-2004

## Inspections

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
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INSPECTION TYPE	DATE OF INSPECTION	INSPECTION PERFORMED BY
MAXTON WTP (Permit NC0048577) Compliance Eval (Non-Sampling)	30-AUG-2005	State
MAXTON WTP (Permit NC0048577) Compliance Eval (Non-Sampling)	29-MAY-2001	State
MAXTON WTP (Permit NC0048577) Compliance Eval (Non-Sampling)	28-MAY-2002	State
MAXTON WTP (Permit NC0048577) Compliance Eval (Non-Sampling)	26-SEP-2007	State
MAXTON WTP (Permit NC0048577) Compliance Eval (Non-Sampling)	25-JUN-2004	State
MAXTON WTP (Permit NC0048577) Compliance Eval (Non-Sampling)	25-JAN-2012	State
MAXTON WTP (Permit NC0048577) Compliance Eval (Non-Sampling)	22-NOV-2005	State
MAXTON WTP (Permit NC0048577) Compliance Eval (Non-Sampling)	20-JAN-2009	State
MAXTON WTP (Permit NC0048577) Compliance Eval (Non-Sampling)	17-MAR-2005	State
MAXTON WTP (Permit NC0048577) Compliance Eval (Non-Sampling)	17-JUN-2003	State
NC0048577-CEI-2014-04-03	16-OCT-2019	State
NC0048577-CEI-2019-06-12	16-OCT-2019	State
MAXTON WTP (Permit NC0048577) Compliance Eval (Non-Sampling)	15-JUN-2000	State
MAXTON WTP (Permit NC0048577) Compliance Eval (Non-Sampling)	13-JUN-1995	State
MAXTON WTP (Permit NC0048577) Compliance Eval (Non-Sampling)	08-OCT-1996	State
MAXTON WTP (Permit NC0048577) Compliance Eval (Non-Sampling)	07-MAR-1994	State
MAXTON WTP (Permit NC0048577) Compliance Eval (Non-Sampling)	06-MAR-1996	State
MAXTON WTP (Permit NC0048577) Compliance Eval (Non-Sampling)	04-JUN-1999	State

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## Outfalls/Pipe Schedules

FACILITY NAME (1)	MAXTON WTP	NPDES	NC0048577
OUTFALL TYPE	External Outfall	PIPE NUMBER	001
ACTIVITY STATUS	A	REPORT DESIGNATOR	1
LATITUDE	34.780556	LONGITUDE	-79.330556
LAT/LON ACCURACY		LAT/LON METHOD	
LAT/LON SCALE		LAT/LON DATUM	
INACTIVE DATE		USGS HYDRO BASIN CODE	
INIT DMR DUE DATE	28-OCT-04	SUBMISSION UNITS	Monthly
PIPE DESCRIPTION		UNITS IN SUBM. PERIOD	
INIT REPORTING DATE	01-SEP-04	REPORTING UNITS	Monthly
UNITS IN REPORTING PERIOD		DMR COMMENT	

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FACILITY NAME (1)	MAXTON WTP	NPDES	NC0048577
OUTFALL TYPE	External Outfall	PIPE NUMBER	001
ACTIVITY STATUS	A	REPORT DESIGNATOR	M
LATITUDE	34.7764	LONGITUDE	79.3303
LAT/LON ACCURACY		LAT/LON METHOD	
LAT/LON SCALE		LAT/LON DATUM	
INACTIVE DATE		USGS HYDRO BASIN CODE	
INIT DMR DUE DATE	30-NOV-09	SUBMISSION UNITS	Monthly
PIPE DESCRIPTION	Effluent	UNITS IN SUBM. PERIOD	
INIT REPORTING DATE	01-OCT-09	REPORTING UNITS	Monthly
UNITS IN REPORTING PERIOD		DMR COMMENT	

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FACILITY NAME (1)	MAXTON WTP	NPDES	NC0048577
OUTFALL TYPE	External Outfall	PIPE NUMBER	001
ACTIVITY STATUS	I	REPORT DESIGNATOR	M
LATITUDE	34.7764	LONGITUDE	79.3303
LAT/LON ACCURACY		LAT/LON METHOD	

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<b>LAT/LON SCALE</b>		<b>LAT/LON DATUM</b>	
<b>INACTIVE DATE</b>		<b>USGS HYDRO BASIN CODE</b>	
<b>INIT DMR DUE DATE</b>	30-NOV-09	<b>SUBMISSION UNITS</b>	Monthly
<b>PIPE DESCRIPTION</b>	Effluent	<b>UNITS IN SUBM. PERIOD</b>	
<b>INIT REPORTING DATE</b>	01-OCT-09	<b>REPORTING UNITS</b>	Monthly
<b>UNITS IN REPORTING PERIOD</b>		<b>DMR COMMENT</b>	

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>OUTFALL TYPE</b>	External Outfall	<b>PIPE NUMBER</b>	001
<b>ACTIVITY STATUS</b>	A	<b>REPORT DESIGNATOR</b>	M
<b>LATITUDE</b>	34.7764	<b>LONGITUDE</b>	79.3303
<b>LAT/LON ACCURACY</b>		<b>LAT/LON METHOD</b>	
<b>LAT/LON SCALE</b>		<b>LAT/LON DATUM</b>	
<b>INACTIVE DATE</b>		<b>USGS HYDRO BASIN CODE</b>	
<b>INIT DMR DUE DATE</b>	01-APR-20	<b>SUBMISSION UNITS</b>	Monthly
<b>PIPE DESCRIPTION</b>	filter backwash to the Lumber River	<b>UNITS IN SUBM. PERIOD</b>	
<b>INIT REPORTING DATE</b>	01-FEB-20	<b>REPORTING UNITS</b>	Monthly
<b>UNITS IN REPORTING PERIOD</b>		<b>DMR COMMENT</b>	

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>OUTFALL TYPE</b>	External Outfall	<b>PIPE NUMBER</b>	001
<b>ACTIVITY STATUS</b>	A	<b>REPORT DESIGNATOR</b>	M
<b>LATITUDE</b>	34.7764	<b>LONGITUDE</b>	79.3303
<b>LAT/LON ACCURACY</b>		<b>LAT/LON METHOD</b>	
<b>LAT/LON SCALE</b>		<b>LAT/LON DATUM</b>	
<b>INACTIVE DATE</b>		<b>USGS HYDRO BASIN CODE</b>	
<b>INIT DMR DUE DATE</b>	31-OCT-14	<b>SUBMISSION UNITS</b>	Monthly
<b>PIPE DESCRIPTION</b>	filter backwash to the Lumber River	<b>UNITS IN SUBM. PERIOD</b>	
<b>INIT REPORTING DATE</b>	01-SEP-14	<b>REPORTING UNITS</b>	Monthly
<b>UNITS IN REPORTING PERIOD</b>		<b>DMR COMMENT</b>	

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# Limits Report

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>PIPE NUMBER</b>	001		
<b>PIPE DESCRIPTION</b>	filter backwash to the Lumber River	<b>REPORT DESIGNATOR</b>	M
<b>DMR COMMENT</b>		<b>LIMIT SET TYPE</b>	Scheduled

LIMIT TYPE DESCRIPTION	PARAMETER DESCRIPTION	MONITORING LOCATION	SEASON NUM	LIMIT BEGIN DATE	LIMIT END DATE	CHANGE OF LIMIT STATUS	STAY TYPE DESCRIPTION	DOCKET NUMBER
Enforceable	Chlorine, total residual	Effluent Gross	9	01-SEP-2014	31-JUL-2019			
Enforceable	Flow, in conduit or thru treatment plant	Effluent Gross	9	01-SEP-2014	31-JUL-2019			
Enforceable	Fluoride, total [as F]	Effluent Gross	9	01-SEP-2014	31-AUG-2017			
Enforceable	Fluoride, total [as F]	Effluent Gross	9	01-SEP-2017	31-JUL-2019			
Enforceable	Solids, total suspended	Effluent Gross	9	01-SEP-2014	31-JUL-2019			
Enforceable	Turbidity	Effluent Gross	9	01-SEP-2014	31-JUL-2019			
Enforceable	pH	Effluent Gross	9	01-SEP-2014	31-JUL-2019			

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>PIPE NUMBER</b>	001		
<b>PIPE DESCRIPTION</b>		<b>REPORT DESIGNATOR</b>	1
<b>DMR COMMENT</b>		<b>LIMIT SET TYPE</b>	Scheduled

LIMIT TYPE DESCRIPTION	PARAMETER DESCRIPTION	MONITORING LOCATION	SEASON NUM	LIMIT BEGIN DATE	LIMIT END DATE	CHANGE OF LIMIT STATUS	STAY TYPE DESCRIPTION	DOCKET NUMBER
Enforceable	Chlorine, total residual	Effluent Gross	0	01-SEP-2004	31-JUL-2009			
Enforceable	Flow, in conduit or thru treatment plant	Effluent Gross	0	01-SEP-2004	31-JUL-2009			
Enforceable	Iron, total [as Fe]	Effluent Gross	0	01-SEP-2004	31-JUL-2009			
Enforceable	Solids, settleable	Effluent Gross	0	01-SEP-2004	31-JUL-2009			
Enforceable	Solids, total suspended	Effluent Gross	0	01-SEP-2004	31-JUL-2009			

FACILITY NAME (1)	MAXTON WTP	NPDES	NC0048577
PIPE NUMBER	001		
PIPE DESCRIPTION	filter backwash to the Lumber River	REPORT DESIGNATOR	M
DMR COMMENT		LIMIT SET TYPE	Scheduled

LIMIT TYPE DESCRIPTION	PARAMETER DESCRIPTION	MONITORING LOCATION	SEASON NUM	LIMIT BEGIN DATE	LIMIT END DATE	CHANGE OF LIMIT STATUS	STAY TYPE DESCRIPTION	DOCKET NUMBER
Enforceable	Chlorine, total residual	Effluent Gross	9	01-FEB-2020	31-JUL-2024			
Enforceable	Flow, in conduit or thru treatment plant	Effluent Gross	9	01-FEB-2020	31-JUL-2024			
Enforceable	Solids, total suspended	Effluent Gross	9	01-FEB-2020	31-JUL-2024			

Enforceable	Turbidity	Effluent Gross	9	01-FEB-2020	31-JUL-2024			
Enforceable	pH	Effluent Gross	9	01-FEB-2020	31-JUL-2024			

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>PIPE NUMBER</b>	001		
<b>PIPE DESCRIPTION</b>	Effluent	<b>REPORT DESIGNATOR</b>	M
<b>DMR COMMENT</b>		<b>LIMIT SET TYPE</b>	Scheduled

LIMIT TYPE DESCRIPTION	PARAMETER DESCRIPTION	MONITORING LOCATION	SEASON NUM	LIMIT BEGIN DATE	LIMIT END DATE	CHANGE OF LIMIT STATUS	STAY TYPE DESCRIPTION	DOCKET NUMBER
Enforceable	Chlorine, total residual	Effluent Gross	9	01-OCT-2009	31-JUL-2014			
Enforceable	Flow, in conduit or thru treatment plant	Effluent Gross	9	01-OCT-2009	31-JUL-2014			
Enforceable	Fluoride, total [as F]	Effluent Gross	9	01-OCT-2009	31-JUL-2014			
Enforceable	Iron, total [as Fe]	Effluent Gross	9	01-OCT-2009	31-JUL-2014			
Enforceable	Solids, total suspended	Effluent Gross	9	01-OCT-2009	31-JUL-2014			
Enforceable	Zinc, total [as Zn]	Effluent Gross	9	01-OCT-2009	31-JUL-2014			
Enforceable	pH	Effluent Gross	9	01-OCT-2009	31-JUL-2014			

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## Limits Report

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0295	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Average (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0009	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Average (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100203	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Average (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross

<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20120056	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Average (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2012LV0138	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Average (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0031	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Average (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0210	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Average (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100235	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Average (Data Migration)

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008LV0406	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Average (Data Migration)

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0448	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Average (Data Migration)

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross

<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0013	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Average (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20090093	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Average (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008LV0406	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20090093	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0448	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20120056	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100203	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross

<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100235	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20090093	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008LV0406	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20090093	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0210	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0013	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0448	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross

<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20120056	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0448	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2012LV0138	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0295	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0031	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0009	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0009	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross

<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008LV0406	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2012LV0138	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0295	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2012LV0138	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0295	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0031	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100235	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross

<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20120056	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0210	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0210	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100203	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0009	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0013	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0031	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross

<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0013	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100235	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100203	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2012LV0138	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Maximum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0295	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Maximum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100235	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Maximum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0009	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Maximum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross

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<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0031	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Maximum (Data Migration)

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0210	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Maximum (Data Migration)

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008LV0406	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Maximum (Data Migration)

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0448	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Maximum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20090093	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Maximum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0013	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Maximum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20120056	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Maximum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross

<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100203	<b>LIMIT VALUE NUMBER</b>	28
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Maximum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0031	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0013	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0210	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20120056	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2012LV0138	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100235	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross

<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20090093	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0009	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008LV0406	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0448	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0295	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100203	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Micrograms per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0009	<b>LIMIT VALUE NUMBER</b>	.2
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001

<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0295	<b>LIMIT VALUE NUMBER</b>	.2
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0448	<b>LIMIT VALUE NUMBER</b>	.2
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008LV0406	<b>LIMIT VALUE NUMBER</b>	.2
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
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<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20090093	<b>LIMIT VALUE NUMBER</b>	.2
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20120056	<b>LIMIT VALUE NUMBER</b>	.2
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100203	<b>LIMIT VALUE NUMBER</b>	.2
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100235	<b>LIMIT VALUE NUMBER</b>	.2
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0013	<b>LIMIT VALUE NUMBER</b>	.2
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2012LV0138	<b>LIMIT VALUE NUMBER</b>	.2
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0031	<b>LIMIT VALUE NUMBER</b>	.2
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0210	<b>LIMIT VALUE NUMBER</b>	.2
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100203	<b>LIMIT VALUE NUMBER</b>	

<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Average (Data Migration)
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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0295	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Average (Data Migration)

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20120056	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Average (Data Migration)

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	



<b>DOCKET NUMBER</b>	NV2012LV0138	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Average (Data Migration)

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100235	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Average (Data Migration)

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0009	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Average (Data Migration)

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0

<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0210	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Average (Data Migration)

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0013	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Average (Data Migration)

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0448	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Average (Data Migration)

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross

<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0031	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Average (Data Migration)

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20090093	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Average (Data Migration)

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008LV0406	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Average (Data Migration)

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M

<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0031	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2012LV0138	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20090093	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001

<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100235	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0448	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2012LV0138	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
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<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0295	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20120056	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100203	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum



<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20090093	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0013	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008LV0406	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0210	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008LV0406	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0031	<b>LIMIT VALUE NUMBER</b>	

<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum
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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100235	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0013	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	

<b>DOCKET NUMBER</b>	NV2009LV0009	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0210	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0448	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9

<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20120056	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0009	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0295	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross

<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100203	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0210	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Maximum (Data Migration)

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0295	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Maximum (Data Migration)

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1



<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0009	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Maximum (Data Migration)

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0013	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Maximum (Data Migration)

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100203	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Maximum (Data Migration)

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001

<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2012LV0138	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Maximum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20090093	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Maximum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20120056	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Maximum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
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<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0448	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Maximum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008LV0406	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Maximum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0031	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Maximum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100235	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Million Gallons per Day	<b>STATISTICAL BASE LONG DESC</b>	Maximum (Data Migration)

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2017	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Fluoride, total [as F]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008LV0406	<b>LIMIT VALUE NUMBER</b>	.9
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2017	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Fluoride, total [as F]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100203	<b>LIMIT VALUE NUMBER</b>	.9
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001

<b>LIMIT BEGIN DATE</b>	01-SEP-2017	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Fluoride, total [as F]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0210	<b>LIMIT VALUE NUMBER</b>	.9
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2017	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Fluoride, total [as F]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0031	<b>LIMIT VALUE NUMBER</b>	.9
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2017	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Fluoride, total [as F]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0009	<b>LIMIT VALUE NUMBER</b>	.9
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2017	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Fluoride, total [as F]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	

<b>DOCKET NUMBER</b>	LV20100235	<b>LIMIT VALUE NUMBER</b>	.9
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2017	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Fluoride, total [as F]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0448	<b>LIMIT VALUE NUMBER</b>	.9
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2017	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Fluoride, total [as F]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0013	<b>LIMIT VALUE NUMBER</b>	.9
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2017	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Fluoride, total [as F]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0295	<b>LIMIT VALUE NUMBER</b>	.9
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
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<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2017	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Fluoride, total [as F]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20120056	<b>LIMIT VALUE NUMBER</b>	.9
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2017	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Fluoride, total [as F]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20090093	<b>LIMIT VALUE NUMBER</b>	.9
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2017	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Fluoride, total [as F]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2012LV0138	<b>LIMIT VALUE NUMBER</b>	.9
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Fluoride, total [as F]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9

<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20120056	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Fluoride, total [as F]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0448	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Fluoride, total [as F]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-AUG-2017	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20120056	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Fluoride, total [as F]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-AUG-2017	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100235	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Fluoride, total [as F]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0009	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Fluoride, total [as F]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-AUG-2017	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0031	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Fluoride, total [as F]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-AUG-2017	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100203	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Fluoride, total [as F]	<b>MONITORING LOCATION</b>	Effluent Gross

<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0013	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Fluoride, total [as F]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100235	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Fluoride, total [as F]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-AUG-2017	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0009	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Fluoride, total [as F]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-AUG-2017	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0210	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Fluoride, total [as F]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20090093	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Fluoride, total [as F]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2012LV0138	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Fluoride, total [as F]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0210	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Fluoride, total [as F]	<b>MONITORING LOCATION</b>	Effluent Gross

<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008LV0406	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Fluoride, total [as F]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-AUG-2017	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008LV0406	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Fluoride, total [as F]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-AUG-2017	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0448	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Fluoride, total [as F]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100203	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Fluoride, total [as F]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0295	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Fluoride, total [as F]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0031	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Fluoride, total [as F]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-AUG-2017	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2012LV0138	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Fluoride, total [as F]	<b>MONITORING LOCATION</b>	Effluent Gross

<b>LIMIT END DATE</b>	31-AUG-2017	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0295	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Fluoride, total [as F]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-AUG-2017	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20090093	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Fluoride, total [as F]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-AUG-2017	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0013	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008LV0406	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Average (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100203	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Average (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0031	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Average (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100235	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Average (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross

<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20120056	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Average (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0009	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Average (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0295	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Average (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20090093	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Average (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0013	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Average (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0448	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Average (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2012LV0138	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Average (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross

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<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0210	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Average (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100203	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0031	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0210	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20120056	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0448	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0013	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross

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<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0009	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0295	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008LV0406	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20090093	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100235	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2012LV0138	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0013	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Maximum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross

<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20120056	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Maximum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20090093	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Maximum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100235	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Maximum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0210	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Maximum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0009	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Maximum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0295	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Maximum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0031	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Maximum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross

<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008LV0406	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Maximum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100203	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Maximum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0448	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Maximum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2012LV0138	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Maximum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2012LV0138	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0013	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100235	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross

<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008LV0406	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0448	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100203	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20090093	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0295	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0009	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0031	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross

<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0210	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20120056	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, settleable	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0295	<b>LIMIT VALUE NUMBER</b>	.1
<b>UNIT DESCRIPTION</b>	Milliliters per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, settleable	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100203	<b>LIMIT VALUE NUMBER</b>	.1
<b>UNIT DESCRIPTION</b>	Milliliters per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, settleable	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0448	<b>LIMIT VALUE NUMBER</b>	.1
<b>UNIT DESCRIPTION</b>	Milliliters per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, settleable	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100235	<b>LIMIT VALUE NUMBER</b>	.1
<b>UNIT DESCRIPTION</b>	Milliliters per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, settleable	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20120056	<b>LIMIT VALUE NUMBER</b>	.1
<b>UNIT DESCRIPTION</b>	Milliliters per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, settleable	<b>MONITORING LOCATION</b>	Effluent Gross

<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0210	<b>LIMIT VALUE NUMBER</b>	.1
<b>UNIT DESCRIPTION</b>	Milliliters per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, settleable	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0009	<b>LIMIT VALUE NUMBER</b>	.1
<b>UNIT DESCRIPTION</b>	Milliliters per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, settleable	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008LV0406	<b>LIMIT VALUE NUMBER</b>	.1
<b>UNIT DESCRIPTION</b>	Milliliters per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, settleable	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2012LV0138	<b>LIMIT VALUE NUMBER</b>	.1
<b>UNIT DESCRIPTION</b>	Milliliters per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, settleable	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20090093	<b>LIMIT VALUE NUMBER</b>	.1
<b>UNIT DESCRIPTION</b>	Milliliters per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, settleable	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0031	<b>LIMIT VALUE NUMBER</b>	.1
<b>UNIT DESCRIPTION</b>	Milliliters per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, settleable	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0013	<b>LIMIT VALUE NUMBER</b>	.1
<b>UNIT DESCRIPTION</b>	Milliliters per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, settleable	<b>MONITORING LOCATION</b>	Effluent Gross

<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100203	<b>LIMIT VALUE NUMBER</b>	.2
<b>UNIT DESCRIPTION</b>	Milliliters per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, settleable	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100235	<b>LIMIT VALUE NUMBER</b>	.2
<b>UNIT DESCRIPTION</b>	Milliliters per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, settleable	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0031	<b>LIMIT VALUE NUMBER</b>	.2
<b>UNIT DESCRIPTION</b>	Milliliters per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, settleable	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0013	<b>LIMIT VALUE NUMBER</b>	.2
<b>UNIT DESCRIPTION</b>	Milliliters per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, settleable	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008LV0406	<b>LIMIT VALUE NUMBER</b>	.2
<b>UNIT DESCRIPTION</b>	Milliliters per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, settleable	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0210	<b>LIMIT VALUE NUMBER</b>	.2
<b>UNIT DESCRIPTION</b>	Milliliters per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, settleable	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20090093	<b>LIMIT VALUE NUMBER</b>	.2
<b>UNIT DESCRIPTION</b>	Milliliters per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, settleable	<b>MONITORING LOCATION</b>	Effluent Gross

<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0448	<b>LIMIT VALUE NUMBER</b>	.2
<b>UNIT DESCRIPTION</b>	Milliliters per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, settleable	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2012LV0138	<b>LIMIT VALUE NUMBER</b>	.2
<b>UNIT DESCRIPTION</b>	Milliliters per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, settleable	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0295	<b>LIMIT VALUE NUMBER</b>	.2
<b>UNIT DESCRIPTION</b>	Milliliters per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, settleable	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0009	<b>LIMIT VALUE NUMBER</b>	.2
<b>UNIT DESCRIPTION</b>	Milliliters per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, settleable	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20120056	<b>LIMIT VALUE NUMBER</b>	.2
<b>UNIT DESCRIPTION</b>	Milliliters per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, settleable	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2012LV0138	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milliliters per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, settleable	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0210	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milliliters per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, settleable	<b>MONITORING LOCATION</b>	Effluent Gross

<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008LV0406	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milliliters per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, settleable	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100235	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milliliters per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, settleable	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0295	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milliliters per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, settleable	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20120056	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milliliters per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, settleable	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0013	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milliliters per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, settleable	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20090093	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milliliters per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, settleable	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0448	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milliliters per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, settleable	<b>MONITORING LOCATION</b>	Effluent Gross

<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0009	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milliliters per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, settleable	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100203	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milliliters per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, settleable	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0031	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milliliters per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0013	<b>LIMIT VALUE NUMBER</b>	30
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2012LV0138	<b>LIMIT VALUE NUMBER</b>	30
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008LV0406	<b>LIMIT VALUE NUMBER</b>	20
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2012LV0138	<b>LIMIT VALUE NUMBER</b>	20
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross

<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100203	<b>LIMIT VALUE NUMBER</b>	20
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20090093	<b>LIMIT VALUE NUMBER</b>	30
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0013	<b>LIMIT VALUE NUMBER</b>	30
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0448	<b>LIMIT VALUE NUMBER</b>	30
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20120056	<b>LIMIT VALUE NUMBER</b>	20
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0295	<b>LIMIT VALUE NUMBER</b>	20
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0448	<b>LIMIT VALUE NUMBER</b>	20
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross

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<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0031	<b>LIMIT VALUE NUMBER</b>	30
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0448	<b>LIMIT VALUE NUMBER</b>	30
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20090093	<b>LIMIT VALUE NUMBER</b>	30
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0031	<b>LIMIT VALUE NUMBER</b>	30
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0013	<b>LIMIT VALUE NUMBER</b>	20
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0210	<b>LIMIT VALUE NUMBER</b>	30
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100203	<b>LIMIT VALUE NUMBER</b>	30
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross

<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0009	<b>LIMIT VALUE NUMBER</b>	30
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0031	<b>LIMIT VALUE NUMBER</b>	30
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20120056	<b>LIMIT VALUE NUMBER</b>	30
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0210	<b>LIMIT VALUE NUMBER</b>	30
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008LV0406	<b>LIMIT VALUE NUMBER</b>	30
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2012LV0138	<b>LIMIT VALUE NUMBER</b>	30
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100235	<b>LIMIT VALUE NUMBER</b>	30
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross

<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0031	<b>LIMIT VALUE NUMBER</b>	20
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0013	<b>LIMIT VALUE NUMBER</b>	30
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100203	<b>LIMIT VALUE NUMBER</b>	30
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20090093	<b>LIMIT VALUE NUMBER</b>	30
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20090093	<b>LIMIT VALUE NUMBER</b>	20
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0210	<b>LIMIT VALUE NUMBER</b>	20
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0295	<b>LIMIT VALUE NUMBER</b>	30
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross

<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0295	<b>LIMIT VALUE NUMBER</b>	30
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20120056	<b>LIMIT VALUE NUMBER</b>	30
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0295	<b>LIMIT VALUE NUMBER</b>	30
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0210	<b>LIMIT VALUE NUMBER</b>	30
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20120056	<b>LIMIT VALUE NUMBER</b>	30
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2012LV0138	<b>LIMIT VALUE NUMBER</b>	30
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0448	<b>LIMIT VALUE NUMBER</b>	30
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross



<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0009	<b>LIMIT VALUE NUMBER</b>	20
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100235	<b>LIMIT VALUE NUMBER</b>	20
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100235	<b>LIMIT VALUE NUMBER</b>	30
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100235	<b>LIMIT VALUE NUMBER</b>	30
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0009	<b>LIMIT VALUE NUMBER</b>	30
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008LV0406	<b>LIMIT VALUE NUMBER</b>	30
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0009	<b>LIMIT VALUE NUMBER</b>	30
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross

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<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008LV0406	<b>LIMIT VALUE NUMBER</b>	30
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100203	<b>LIMIT VALUE NUMBER</b>	30
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	30 Day Average

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100235	<b>LIMIT VALUE NUMBER</b>	45
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20090093	<b>LIMIT VALUE NUMBER</b>	35
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0009	<b>LIMIT VALUE NUMBER</b>	35
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2012LV0138	<b>LIMIT VALUE NUMBER</b>	35
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0009	<b>LIMIT VALUE NUMBER</b>	45
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross

<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20090093	<b>LIMIT VALUE NUMBER</b>	45
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0009	<b>LIMIT VALUE NUMBER</b>	45
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0013	<b>LIMIT VALUE NUMBER</b>	45
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100235	<b>LIMIT VALUE NUMBER</b>	45
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0031	<b>LIMIT VALUE NUMBER</b>	45
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0295	<b>LIMIT VALUE NUMBER</b>	45
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100235	<b>LIMIT VALUE NUMBER</b>	35
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross

<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008LV0406	<b>LIMIT VALUE NUMBER</b>	45
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20090093	<b>LIMIT VALUE NUMBER</b>	45
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0013	<b>LIMIT VALUE NUMBER</b>	45
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0210	<b>LIMIT VALUE NUMBER</b>	35
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100203	<b>LIMIT VALUE NUMBER</b>	35
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0031	<b>LIMIT VALUE NUMBER</b>	45
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0210	<b>LIMIT VALUE NUMBER</b>	45
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross

<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0013	<b>LIMIT VALUE NUMBER</b>	45
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0031	<b>LIMIT VALUE NUMBER</b>	45
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2012LV0138	<b>LIMIT VALUE NUMBER</b>	45
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100235	<b>LIMIT VALUE NUMBER</b>	45
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0295	<b>LIMIT VALUE NUMBER</b>	45
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20120056	<b>LIMIT VALUE NUMBER</b>	45
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2012LV0138	<b>LIMIT VALUE NUMBER</b>	45
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross

<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100203	<b>LIMIT VALUE NUMBER</b>	45
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0031	<b>LIMIT VALUE NUMBER</b>	35
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20120056	<b>LIMIT VALUE NUMBER</b>	45
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0210	<b>LIMIT VALUE NUMBER</b>	45
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0448	<b>LIMIT VALUE NUMBER</b>	45
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20120056	<b>LIMIT VALUE NUMBER</b>	45
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0210	<b>LIMIT VALUE NUMBER</b>	45
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross

<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008LV0406	<b>LIMIT VALUE NUMBER</b>	35
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0013	<b>LIMIT VALUE NUMBER</b>	35
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20120056	<b>LIMIT VALUE NUMBER</b>	35
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0448	<b>LIMIT VALUE NUMBER</b>	35
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100203	<b>LIMIT VALUE NUMBER</b>	45
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008LV0406	<b>LIMIT VALUE NUMBER</b>	45
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20090093	<b>LIMIT VALUE NUMBER</b>	45
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross



<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0009	<b>LIMIT VALUE NUMBER</b>	45
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0448	<b>LIMIT VALUE NUMBER</b>	45
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0295	<b>LIMIT VALUE NUMBER</b>	45
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0448	<b>LIMIT VALUE NUMBER</b>	45
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2012LV0138	<b>LIMIT VALUE NUMBER</b>	45
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0295	<b>LIMIT VALUE NUMBER</b>	35
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100203	<b>LIMIT VALUE NUMBER</b>	45
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross

<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008LV0406	<b>LIMIT VALUE NUMBER</b>	45
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0013	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0295	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20120056	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0031	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2012LV0138	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100203	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross

<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008LV0406	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20090093	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0210	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100235	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0448	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2004	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER DESCRIPTION</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2009	<b>SEASON NUM</b>	0
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0009	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Minimum (Data Migration)

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Turbidity	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20120056	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Nephelometric Turbidity Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Turbidity	<b>MONITORING LOCATION</b>	Effluent Gross

<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20120056	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Nephelometric Turbidity Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Turbidity	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2012LV0138	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Nephelometric Turbidity Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Turbidity	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008LV0406	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Nephelometric Turbidity Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Turbidity	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0295	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Nephelometric Turbidity Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Turbidity	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100235	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Nephelometric Turbidity Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Turbidity	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0448	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Nephelometric Turbidity Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Turbidity	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0210	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Nephelometric Turbidity Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Turbidity	<b>MONITORING LOCATION</b>	Effluent Gross

<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100235	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Nephelometric Turbidity Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Turbidity	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0448	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Nephelometric Turbidity Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

---

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Turbidity	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0009	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Nephelometric Turbidity Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Turbidity	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008LV0406	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Nephelometric Turbidity Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Turbidity	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0013	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Nephelometric Turbidity Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Turbidity	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100203	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Nephelometric Turbidity Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Turbidity	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20090093	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Nephelometric Turbidity Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Turbidity	<b>MONITORING LOCATION</b>	Effluent Gross

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<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0009	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Nephelometric Turbidity Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Turbidity	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0295	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Nephelometric Turbidity Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Turbidity	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2012LV0138	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Nephelometric Turbidity Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Turbidity	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100203	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Nephelometric Turbidity Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Turbidity	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0013	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Nephelometric Turbidity Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Turbidity	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0210	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Nephelometric Turbidity Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Turbidity	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0031	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Nephelometric Turbidity Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Turbidity	<b>MONITORING LOCATION</b>	Effluent Gross

<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20090093	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Nephelometric Turbidity Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Turbidity	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0031	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Nephelometric Turbidity Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Zinc, total [as Zn]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0009	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Zinc, total [as Zn]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0031	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Zinc, total [as Zn]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2012LV0138	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Zinc, total [as Zn]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100235	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Zinc, total [as Zn]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20090093	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Zinc, total [as Zn]	<b>MONITORING LOCATION</b>	Effluent Gross



<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0448	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Zinc, total [as Zn]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0210	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Zinc, total [as Zn]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008LV0406	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Zinc, total [as Zn]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0013	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Zinc, total [as Zn]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0295	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Zinc, total [as Zn]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100203	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	Zinc, total [as Zn]	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20120056	<b>LIMIT VALUE NUMBER</b>	
<b>UNIT DESCRIPTION</b>	Milligrams per Liter	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross

<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20090093	<b>LIMIT VALUE NUMBER</b>	9
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0210	<b>LIMIT VALUE NUMBER</b>	9
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20120056	<b>LIMIT VALUE NUMBER</b>	9
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100235	<b>LIMIT VALUE NUMBER</b>	9
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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FACILITY NAME (1)	MAXTON WTP	NPDES	NC0048577
LIMIT TYPE DESCRIPTION	Enforceable	PIPE NUMBER	001
LIMIT BEGIN DATE	01-FEB-2020	REPORT DESIGNATOR	M
PARAMETER DESCRIPTION	pH	MONITORING LOCATION	Effluent Gross
LIMIT END DATE	31-JUL-2024	SEASON NUM	9
STATUS CHANGE REASON TEXT		STAY TYPE DESCRIPTION	
DOCKET NUMBER	LV20090093	LIMIT VALUE NUMBER	9
UNIT DESCRIPTION	Standard Units	STATISTICAL BASE LONG DESC	Daily Maximum

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FACILITY NAME (1)	MAXTON WTP	NPDES	NC0048577
LIMIT TYPE DESCRIPTION	Enforceable	PIPE NUMBER	001
LIMIT BEGIN DATE	01-FEB-2020	REPORT DESIGNATOR	M
PARAMETER DESCRIPTION	pH	MONITORING LOCATION	Effluent Gross
LIMIT END DATE	31-JUL-2024	SEASON NUM	9
STATUS CHANGE REASON TEXT		STAY TYPE DESCRIPTION	
DOCKET NUMBER	NV2008MV0031	LIMIT VALUE NUMBER	9
UNIT DESCRIPTION	Standard Units	STATISTICAL BASE LONG DESC	Daily Maximum

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FACILITY NAME (1)	MAXTON WTP	NPDES	NC0048577
LIMIT TYPE DESCRIPTION	Enforceable	PIPE NUMBER	001
LIMIT BEGIN DATE	01-FEB-2020	REPORT DESIGNATOR	M
PARAMETER DESCRIPTION	pH	MONITORING LOCATION	Effluent Gross
LIMIT END DATE	31-JUL-2024	SEASON NUM	9
STATUS CHANGE REASON TEXT		STAY TYPE DESCRIPTION	
DOCKET NUMBER	NV2012LV0138	LIMIT VALUE NUMBER	9
UNIT DESCRIPTION	Standard Units	STATISTICAL BASE LONG DESC	Daily Maximum

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FACILITY NAME (1)	MAXTON WTP	NPDES	NC0048577
LIMIT TYPE DESCRIPTION	Enforceable	PIPE NUMBER	001
LIMIT BEGIN DATE	01-OCT-2009	REPORT DESIGNATOR	M
PARAMETER DESCRIPTION	pH	MONITORING LOCATION	Effluent Gross

<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0210	<b>LIMIT VALUE NUMBER</b>	9
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100203	<b>LIMIT VALUE NUMBER</b>	9
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0031	<b>LIMIT VALUE NUMBER</b>	9
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20120056	<b>LIMIT VALUE NUMBER</b>	9
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008LV0406	<b>LIMIT VALUE NUMBER</b>	9
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0013	<b>LIMIT VALUE NUMBER</b>	9
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0009	<b>LIMIT VALUE NUMBER</b>	9
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross

<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100203	<b>LIMIT VALUE NUMBER</b>	9
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0295	<b>LIMIT VALUE NUMBER</b>	9
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100235	<b>LIMIT VALUE NUMBER</b>	9
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0448	<b>LIMIT VALUE NUMBER</b>	9
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum



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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0031	<b>LIMIT VALUE NUMBER</b>	9
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100203	<b>LIMIT VALUE NUMBER</b>	9
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20090093	<b>LIMIT VALUE NUMBER</b>	9
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross

<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0009	<b>LIMIT VALUE NUMBER</b>	9
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0295	<b>LIMIT VALUE NUMBER</b>	9
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2012LV0138	<b>LIMIT VALUE NUMBER</b>	9
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100235	<b>LIMIT VALUE NUMBER</b>	9
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0295	<b>LIMIT VALUE NUMBER</b>	9
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2012LV0138	<b>LIMIT VALUE NUMBER</b>	9
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0013	<b>LIMIT VALUE NUMBER</b>	9
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross

<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008LV0406	<b>LIMIT VALUE NUMBER</b>	9
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0013	<b>LIMIT VALUE NUMBER</b>	9
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008LV0406	<b>LIMIT VALUE NUMBER</b>	9
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0210	<b>LIMIT VALUE NUMBER</b>	9
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0448	<b>LIMIT VALUE NUMBER</b>	9
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0009	<b>LIMIT VALUE NUMBER</b>	9
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20120056	<b>LIMIT VALUE NUMBER</b>	9
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross

<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0448	<b>LIMIT VALUE NUMBER</b>	9
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Maximum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2012LV0138	<b>LIMIT VALUE NUMBER</b>	6
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Minimum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100203	<b>LIMIT VALUE NUMBER</b>	6
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Minimum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0448	<b>LIMIT VALUE NUMBER</b>	6
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Minimum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0013	<b>LIMIT VALUE NUMBER</b>	6
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Minimum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20120056	<b>LIMIT VALUE NUMBER</b>	6
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Minimum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0013	<b>LIMIT VALUE NUMBER</b>	6
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Minimum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross



<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0210	<b>LIMIT VALUE NUMBER</b>	6
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Minimum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0295	<b>LIMIT VALUE NUMBER</b>	6
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Minimum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0295	<b>LIMIT VALUE NUMBER</b>	6
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Minimum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100235	<b>LIMIT VALUE NUMBER</b>	6
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Minimum

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FACILITY NAME (1)	MAXTON WTP	NPDES	NC0048577
LIMIT TYPE DESCRIPTION	Enforceable	PIPE NUMBER	001
LIMIT BEGIN DATE	01-OCT-2009	REPORT DESIGNATOR	M
PARAMETER DESCRIPTION	pH	MONITORING LOCATION	Effluent Gross
LIMIT END DATE	31-JUL-2014	SEASON NUM	9
STATUS CHANGE REASON TEXT		STAY TYPE DESCRIPTION	
DOCKET NUMBER	NV2009LV0448	LIMIT VALUE NUMBER	6
UNIT DESCRIPTION	Standard Units	STATISTICAL BASE LONG DESC	Daily Minimum

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FACILITY NAME (1)	MAXTON WTP	NPDES	NC0048577
LIMIT TYPE DESCRIPTION	Enforceable	PIPE NUMBER	001
LIMIT BEGIN DATE	01-SEP-2014	REPORT DESIGNATOR	M
PARAMETER DESCRIPTION	pH	MONITORING LOCATION	Effluent Gross
LIMIT END DATE	31-JUL-2019	SEASON NUM	9
STATUS CHANGE REASON TEXT		STAY TYPE DESCRIPTION	
DOCKET NUMBER	NV2009LV0448	LIMIT VALUE NUMBER	6
UNIT DESCRIPTION	Standard Units	STATISTICAL BASE LONG DESC	Daily Minimum

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FACILITY NAME (1)	MAXTON WTP	NPDES	NC0048577
LIMIT TYPE DESCRIPTION	Enforceable	PIPE NUMBER	001
LIMIT BEGIN DATE	01-FEB-2020	REPORT DESIGNATOR	M
PARAMETER DESCRIPTION	pH	MONITORING LOCATION	Effluent Gross
LIMIT END DATE	31-JUL-2024	SEASON NUM	9
STATUS CHANGE REASON TEXT		STAY TYPE DESCRIPTION	
DOCKET NUMBER	LV20090093	LIMIT VALUE NUMBER	6
UNIT DESCRIPTION	Standard Units	STATISTICAL BASE LONG DESC	Daily Minimum

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FACILITY NAME (1)	MAXTON WTP	NPDES	NC0048577
LIMIT TYPE DESCRIPTION	Enforceable	PIPE NUMBER	001
LIMIT BEGIN DATE	01-FEB-2020	REPORT DESIGNATOR	M

PARAMETER DESCRIPTION	pH	MONITORING LOCATION	Effluent Gross
LIMIT END DATE	31-JUL-2024	SEASON NUM	9
STATUS CHANGE REASON TEXT		STAY TYPE DESCRIPTION	
DOCKET NUMBER	NV2008MV0031	LIMIT VALUE NUMBER	6
UNIT DESCRIPTION	Standard Units	STATISTICAL BASE LONG DESC	Daily Minimum

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FACILITY NAME (1)	MAXTON WTP	NPDES	NC0048577
LIMIT TYPE DESCRIPTION	Enforceable	PIPE NUMBER	001
LIMIT BEGIN DATE	01-OCT-2009	REPORT DESIGNATOR	M
PARAMETER DESCRIPTION	pH	MONITORING LOCATION	Effluent Gross
LIMIT END DATE	31-JUL-2014	SEASON NUM	9
STATUS CHANGE REASON TEXT		STAY TYPE DESCRIPTION	
DOCKET NUMBER	NV2008MV0031	LIMIT VALUE NUMBER	6
UNIT DESCRIPTION	Standard Units	STATISTICAL BASE LONG DESC	Daily Minimum

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FACILITY NAME (1)	MAXTON WTP	NPDES	NC0048577
LIMIT TYPE DESCRIPTION	Enforceable	PIPE NUMBER	001
LIMIT BEGIN DATE	01-SEP-2014	REPORT DESIGNATOR	M
PARAMETER DESCRIPTION	pH	MONITORING LOCATION	Effluent Gross
LIMIT END DATE	31-JUL-2019	SEASON NUM	9
STATUS CHANGE REASON TEXT		STAY TYPE DESCRIPTION	
DOCKET NUMBER	NV2009LV0009	LIMIT VALUE NUMBER	6
UNIT DESCRIPTION	Standard Units	STATISTICAL BASE LONG DESC	Daily Minimum

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FACILITY NAME (1)	MAXTON WTP	NPDES	NC0048577
LIMIT TYPE DESCRIPTION	Enforceable	PIPE NUMBER	001
LIMIT BEGIN DATE	01-SEP-2014	REPORT DESIGNATOR	M
PARAMETER DESCRIPTION	pH	MONITORING LOCATION	Effluent Gross
LIMIT END DATE	31-JUL-2019	SEASON NUM	9
STATUS CHANGE REASON TEXT		STAY TYPE DESCRIPTION	
DOCKET NUMBER	LV20120056	LIMIT VALUE NUMBER	6

<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Minimum
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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100235	<b>LIMIT VALUE NUMBER</b>	6
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Minimum

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20120056	<b>LIMIT VALUE NUMBER</b>	6
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Minimum

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2012LV0138	<b>LIMIT VALUE NUMBER</b>	6
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Minimum

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001

<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0013	<b>LIMIT VALUE NUMBER</b>	6
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Minimum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0210	<b>LIMIT VALUE NUMBER</b>	6
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Minimum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100203	<b>LIMIT VALUE NUMBER</b>	6
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Minimum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	

<b>DOCKET NUMBER</b>	NV2009LV0295	<b>LIMIT VALUE NUMBER</b>	6
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Minimum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100203	<b>LIMIT VALUE NUMBER</b>	6
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Minimum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008LV0406	<b>LIMIT VALUE NUMBER</b>	6
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Minimum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008LV0406	<b>LIMIT VALUE NUMBER</b>	6
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Minimum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
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<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008MV0031	<b>LIMIT VALUE NUMBER</b>	6
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Minimum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2008LV0406	<b>LIMIT VALUE NUMBER</b>	6
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Minimum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0009	<b>LIMIT VALUE NUMBER</b>	6
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Minimum

---

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9



<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20090093	<b>LIMIT VALUE NUMBER</b>	6
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Minimum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0009	<b>LIMIT VALUE NUMBER</b>	6
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Minimum

---

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-OCT-2009	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2014	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2009LV0210	<b>LIMIT VALUE NUMBER</b>	6
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Minimum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20090093	<b>LIMIT VALUE NUMBER</b>	6
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Minimum

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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-SEP-2014	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2019	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	NV2012LV0138	<b>LIMIT VALUE NUMBER</b>	6
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Minimum

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE DESCRIPTION</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>LIMIT BEGIN DATE</b>	01-FEB-2020	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER DESCRIPTION</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross
<b>LIMIT END DATE</b>	31-JUL-2024	<b>SEASON NUM</b>	9
<b>STATUS CHANGE REASON TEXT</b>		<b>STAY TYPE DESCRIPTION</b>	
<b>DOCKET NUMBER</b>	LV20100235	<b>LIMIT VALUE NUMBER</b>	6
<b>UNIT DESCRIPTION</b>	Standard Units	<b>STATISTICAL BASE LONG DESC</b>	Daily Minimum

## Measurements and Violations

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>SEASON NUM</b>	0	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER CODE</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>SEASON NUM</b>	0	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER CODE</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>SEASON NUM</b>	0	<b>REPORT DESIGNATOR</b>	1

<b>PARAMETER CODE</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross
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<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>SEASON NUM</b>	0	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER CODE</b>	Solids, settleable	<b>MONITORING LOCATION</b>	Effluent Gross

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>SEASON NUM</b>	0	<b>REPORT DESIGNATOR</b>	1
<b>PARAMETER CODE</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>SEASON NUM</b>	9	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER CODE</b>	Chlorine, total residual	<b>MONITORING LOCATION</b>	Effluent Gross

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>SEASON NUM</b>	9	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER CODE</b>	Flow, in conduit or thru treatment plant	<b>MONITORING LOCATION</b>	Effluent Gross

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>SEASON NUM</b>	9	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER CODE</b>	Fluoride, total [as F]	<b>MONITORING LOCATION</b>	Effluent Gross

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>SEASON NUM</b>	9	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER CODE</b>	Iron, total [as Fe]	<b>MONITORING LOCATION</b>	Effluent Gross

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE</b>	Enforceable	<b>PIPE NUMBER</b>	001

<b>SEASON NUM</b>	9	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER CODE</b>	Solids, total suspended	<b>MONITORING LOCATION</b>	Effluent Gross

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>SEASON NUM</b>	9	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER CODE</b>	Turbidity	<b>MONITORING LOCATION</b>	Effluent Gross

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>SEASON NUM</b>	9	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER CODE</b>	Zinc, total [as Zn]	<b>MONITORING LOCATION</b>	Effluent Gross

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
<b>LIMIT TYPE</b>	Enforceable	<b>PIPE NUMBER</b>	001
<b>SEASON NUM</b>	9	<b>REPORT DESIGNATOR</b>	M
<b>PARAMETER CODE</b>	pH	<b>MONITORING LOCATION</b>	Effluent Gross

## Compliance Schedules and Violations

<b>FACILITY NAME (1)</b>	MAXTON WTP	<b>NPDES</b>	NC0048577
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### Compliance Schedule Violations

<b>SCHEDULE NUMBER</b>	<b>DATA SOURCE</b>	<b>VIOLATION</b>	<b>RNC DETECTION CODE</b>	<b>RNC DETECTION DATE</b>	<b>RNC RESOLUTION CODE</b>	<b>RNC RESOLUTION DATE</b>
	3400284968	DMR, Limited - Overdue	Non-receipt Violation, Non-Monthly Average	31-AUG-2015	RE - Manual by EPA/State/Tribal Action	30-JUN-2017
	3400284968	DMR, Monitor Only - Overdue	Non-receipt Violation, Non-Monthly Average	31-AUG-2015	RE - Manual by EPA/State/Tribal Action	30-JUN-2017
	3400284968	DMR, Limited - Overdue	Non-receipt Violation, Non-Monthly Average	01-OCT-2015	RE - Manual by EPA/State/Tribal Action	30-JUN-2017

	3400284968	DMR, Monitor Only - Overdue	Non-receipt Violation, Non- Monthly Average	01-OCT- 2015	RE - Manual by EPA/State/Tribal Action	30-JUN-2017
	3400284968	DMR, Limited - Numeric Violation	TRC Limitations Exceeded, Non- Monthly Average	31-OCT- 2015	RE - Back into Compliance	30-APR-2016
	3400284968	DMR, Limited - Numeric Violation	TRC Limitations Exceeded, Non- Monthly Average	31-OCT- 2015	RE - Back into Compliance	30-JUN-2016
	3400284968	DMR, Monitor Only - Overdue	Non-receipt Violation, Non- Monthly Average	31-OCT- 2015	RE - Manual by EPA/State/Tribal Action	30-JUN-2017
	3400284968	DMR, Limited - Numeric Violation	TRC Limitations Exceeded, Non- Monthly Average	30-NOV- 2015	RE - Back into Compliance	30-JUN-2016
	3400284968	DMR, Monitor Only - Overdue	Non-receipt Violation, Non- Monthly Average	01-DEC- 2015	RE - Manual by EPA/State/Tribal Action	30-JUN-2017
	3400284968	DMR, Limited - Overdue	Non-receipt Violation, Non- Monthly Average	31-DEC- 2015	RE - Manual by EPA/State/Tribal Action	30-JUN-2017
	3400284968	DMR, Monitor Only - Overdue	Non-receipt Violation, Non- Monthly Average	31-DEC- 2015	RE - Manual by EPA/State/Tribal Action	30-JUN-2017
	3400284968	DMR, Limited - Overdue	Non-receipt Violation, Non- Monthly Average	31-JAN- 2016	RE - Manual by EPA/State/Tribal Action	30-JUN-2017
	3400284968	DMR, Monitor Only - Overdue	Non-receipt Violation, Non- Monthly Average	31-JAN- 2016	RE - Manual by EPA/State/Tribal Action	30-JUN-2017
	3400284968	DMR, Limited - Overdue	Non-receipt Violation, Non- Monthly Average	02-MAR- 2016	RE - Manual by EPA/State/Tribal Action	30-JUN-2017
	3400284968	DMR, Monitor Only - Overdue	Non-receipt Violation, Non- Monthly Average	02-MAR- 2016	RE - Manual by EPA/State/Tribal Action	30-JUN-2017

	3400284968	DMR, Limited - Overdue	Non-receipt Violation, Non- Monthly Average	31-MAR- 2016	RE - Manual by EPA/State/Tribal Action	30-JUN-2017
	3400284968	DMR, Monitor Only - Overdue	Non-receipt Violation, Non- Monthly Average	31-MAR- 2016	RE - Manual by EPA/State/Tribal Action	30-JUN-2017
	3400284968	DMR, Limited - Overdue	Non-receipt Violation, Non- Monthly Average	01-MAY- 2016	RE - Manual by EPA/State/Tribal Action	30-JUN-2017
	3400284968	DMR, Monitor Only - Overdue	Non-receipt Violation, Non- Monthly Average	01-MAY- 2016	RE - Manual by EPA/State/Tribal Action	30-JUN-2017
	3400284968	DMR, Limited - Overdue	Non-receipt Violation, Non- Monthly Average	31-MAY- 2016	RE - Manual by EPA/State/Tribal Action	30-JUN-2017
	3400284968	DMR, Monitor Only - Overdue	Non-receipt Violation, Non- Monthly Average	31-MAY- 2016	RE - Manual by EPA/State/Tribal Action	30-JUN-2017
	3400284968	DMR, Limited - Overdue	Non-receipt Violation, Non- Monthly Average	01-JUL- 2016	RE - Manual by EPA/State/Tribal Action	30-JUN-2017
	3400284968	DMR, Monitor Only - Overdue	Non-receipt Violation, Non- Monthly Average	01-JUL- 2016	RE - Manual by EPA/State/Tribal Action	30-JUN-2017
	3400284968	DMR, Limited - Numeric Violation	TRC Limitations Exceeded, Non- Monthly Average	30-NOV- 2016	RE - Back into Compliance	31-AUG-2017
	3400284968	DMR, Limited - Numeric Violation	TRC Limitations Exceeded, Non- Monthly Average	28-FEB- 2017	RE - Back into Compliance	31-AUG-2017
	3400284968	DMR, Monitor Only - Overdue	Non-receipt Violation, Non- Monthly Average	03-MAR- 2017	RE - Manual by EPA/State/Tribal Action	30-JUN-2017
	3400284968	DMR, Limited - Numeric Violation	TRC Limitations Exceeded, Non- Monthly Average	31-MAR- 2017	RE - Back into Compliance	31-AUG-2017

	3400284968	DMR, Monitor Only - Overdue	Non-receipt Violation, Non- Monthly Average	01-MAY- 2017	RE - Manual by EPA/State/Tribal Action	30-JUN-2017
	3400284968	DMR, Monitor Only - Overdue	Non-receipt Violation, Non- Monthly Average	01-JUL- 2017	RE - Manual by EPA/State/Tribal Action	01-JUL-2017
	3400284968	DMR, Monitor Only - Overdue	Non-receipt Violation, Non- Monthly Average	31-JUL- 2017	RE - Manual by EPA/State/Tribal Action	31-JUL-2017
	3400284968	DMR, Limited - Overdue	Non-Receipt of DMR/Schedule Report	01-DEC- 2017	RE - Automated Administratively Resolved (DMR Non- Receipt Violations)	01-DEC-2019
	3400284968	DMR, Limited - Numeric Violation	TRC Limitations Exceeded, Non- Monthly Average	31-DEC- 2017	RE - Back into Compliance	28-FEB-2019
	3400284968	DMR, Limited - Overdue	Non-Receipt of DMR/Schedule Report	31-DEC- 2017	RE - Automated Administratively Resolved (DMR Non- Receipt Violations)	31-DEC-2019
	3400284968	DMR, Limited - Overdue	Non-Receipt of DMR/Schedule Report	31-JAN- 2018	RE - Automated Administratively Resolved (DMR Non- Receipt Violations)	31-JAN-2020
	3400284968	DMR, Limited - Numeric Violation	TRC Limitations Exceeded, Non- Monthly Average	28-FEB- 2018	RE - Back into Compliance	28-FEB-2019
	3400284968	DMR, Limited - Overdue	Non-Receipt of DMR/Schedule Report	03-MAR- 2018	RE - Automated Administratively Resolved (DMR Non- Receipt Violations)	03-MAR-2020
	3400284968	DMR, Limited - Numeric Violation	TRC Limitations Exceeded, Non- Monthly Average	31-MAR- 2018	RE - Back into Compliance	28-FEB-2019
	3400284968	DMR, Limited - Overdue	Non-Receipt of DMR/Schedule Report	31-MAR- 2018	RE - Automated Administratively Resolved (DMR Non- Receipt Violations)	31-MAR-2020



	3400284968	DMR, Limited - Numeric Violation	TRC Limitations Exceeded, Non- Monthly Average	30-APR- 2018	RE - Back into Compliance	28-FEB-2019
	3400284968	DMR, Limited - Overdue	Non-Receipt of DMR/Schedule Report	01-MAY- 2018	RE - Automated Administratively Resolved (DMR Non- Receipt Violations)	01-MAY-2020
	3400284968	DMR, Limited - Numeric Violation	TRC Limitations Exceeded, Non- Monthly Average	31-MAY- 2018	RE - Back into Compliance	28-FEB-2019
	3400284968	DMR, Limited - Overdue	Non-Receipt of DMR/Schedule Report	31-MAY- 2018	RE - Automated Administratively Resolved (DMR Non- Receipt Violations)	31-MAY-2020
	3400284968	DMR, Limited - Numeric Violation	TRC Limitations Exceeded, Non- Monthly Average	30-JUN- 2018	RE - Back into Compliance	28-FEB-2019
	3400284968	DMR, Limited - Numeric Violation	TRC Limitations Exceeded, Non- Monthly Average	31-JUL- 2018	RE - Back into Compliance	28-FEB-2019
	3400284968	DMR, Limited - Numeric Violation	TRC Limitations Exceeded, Non- Monthly Average	31-AUG- 2018	RE - Back into Compliance	28-FEB-2019
	3400284968	DMR, Limited - Numeric Violation	TRC Limitations Exceeded, Non- Monthly Average	30-SEP- 2018	RE - Back into Compliance	28-FEB-2019
	3602104952	DMR, Limited - Overdue	Non-Receipt of DMR/Schedule Report	01-JUN- 2020	RE - Automated Administratively Resolved (DMR Non- Receipt Violations)	01-JUN-2022
	3602104952	DMR, Limited - Overdue	Non-receipt Violation, Non- Monthly Average	01-JUN- 2020	RE - Automated Administratively Resolved (DMR Non- Receipt Violations)	01-JUN-2022
	3602104952	DMR, Monitor Only - Overdue	Non-receipt Violation, Non- Monthly Average	01-JUN- 2020	RE - Automated Administratively Resolved (DMR Non- Receipt Violations)	01-JUN-2022

	3602104952	DMR, Limited - Overdue	Non-Receipt of DMR/Schedule Report	01-SEP- 2020	RE - Automated Administratively Resolved (DMR Non- Receipt Violations)	01-SEP-2021
	3602104952	DMR, Limited - Overdue	Non-receipt Violation, Non- Monthly Average	01-SEP- 2020	RE - Automated Administratively Resolved (DMR Non- Receipt Violations)	01-SEP-2021
	3602104952	DMR, Monitor Only - Overdue	Non-receipt Violation, Non- Monthly Average	01-SEP- 2020	RE - Automated Administratively Resolved (DMR Non- Receipt Violations)	01-SEP-2021
	3602104952	DMR, Limited - Numeric Violation	TRC Limitations Exceeded, Non- Monthly Average	31-MAY- 2021	NC - Unresolved RNC	31-MAY-2021
	3602104952	DMR, Limited - Numeric Violation	TRC Limitations Exceeded, Non- Monthly Average	31-JUL- 2021	NC - Unresolved RNC	31-JUL-2021
	3602104952	DMR, Limited - Numeric Violation	TRC Limitations Exceeded, Non- Monthly Average	31-AUG- 2021	NC - Unresolved RNC	31-AUG-2021
	3602104952	DMR, Limited - Numeric Violation	TRC Limitations Exceeded, Non- Monthly Average	31-OCT- 2021	NC - Unresolved RNC	31-OCT-2021
	3602104952	DMR, Limited - Numeric Violation	TRC Limitations Exceeded, Non- Monthly Average	30-NOV- 2021	NC - Unresolved RNC	30-NOV-2021
	3602104952	DMR, Limited - Numeric Violation	TRC Limitations Exceeded, Non- Monthly Average	31-JAN- 2022	NC - Unresolved RNC	31-JAN-2022
	3602104952	DMR, Limited - Numeric Violation	TRC Limitations Exceeded, Non- Monthly Average	28-FEB- 2022	NC - Unresolved RNC	28-FEB-2022
	3602104952	DMR, Limited - Numeric Violation	TRC Limitations Exceeded, Non- Monthly Average	31-MAR- 2022	NC - Unresolved RNC	31-MAR-2022

	3602104952	DMR, Limited - Numeric Violation	TRC Limitations Exceeded, Non- Monthly Average	30-APR- 2022	NC - Unresolved RNC	30-APR-2022
	3602104952	DMR, Limited - Numeric Violation	TRC Limitations Exceeded, Non- Monthly Average	30-JUN- 2022	NC - Unresolved RNC	30-JUN-2022
	3602104952	DMR, Limited - Numeric Violation	TRC Limitations Exceeded, Non- Monthly Average	31-JUL- 2022	NC - Unresolved RNC	31-JUL-2022
	3602104952	DMR, Limited - Numeric Violation	TRC Limitations Exceeded, Non- Monthly Average	31-AUG- 2022	NC - Unresolved RNC	31-AUG-2022
	3602104952	DMR, Limited - Numeric Violation	TRC Limitations Exceeded, Non- Monthly Average	30-SEP- 2022	NC - Unresolved RNC	30-SEP-2022
	3602104952	DMR, Limited - Numeric Violation	TRC Limitations Exceeded, Non- Monthly Average	31-OCT- 2022	NC - Unresolved RNC	31-OCT-2022
	3200073368	DMR, Limited - Numeric Violation				
	3200073369	DMR, Limited - Numeric Violation				
	3400284968	DMR, Limited - Numeric Violation				
	3400284968	DMR, Limited - Overdue				
	3602104952	DMR, Limited - Numeric Violation				

	3602104952	DMR, Limited - Overdue				
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No Compliance Schedules Found.

## Pretreatment Inspections/Audits

FACILITY NAME (1)	MAXTON WTP	NPDES	NC0048577
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No ICIS Pretreatment Inspections Found.

## Pretreatment Performance Summary

FACILITY NAME (1)	MAXTON WTP	NPDES	NC0048577
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No ICIS Pretreatment Performance Summary Information Found.

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## Facility

<b>FACILITY NAME (1)</b>	CAMPBELL SOUP SUPPLY COMPANY	<b>NPDES</b>	NCG060029
<b>STREET 1</b>	2120 NC HWY 71 N	<b>SIC CODE</b>	2032 = Canned Specialties

<b>CITY</b>		<b>MAJOR / MINOR</b>	
<b>COUNTY NAME</b>	Robeson	<b>TYPE OF OWNERSHIP</b>	Privately Owned Facility
<b>STATE</b>	NC	<b>ACTIVITY STATUS</b>	Expired
<b>ZIP CODE</b>	28364	<b>INACTIVE DATE</b>	
<b>REGION</b>	Region 4	<b>TYPE OF PERMIT ISSUED</b>	General Permit Covered Facility
<b>LATITUDE</b>	34.772222	<b>ORIGINAL PERMIT ISSUE DATE</b>	26-JUL-1993
<b>LONGITUDE</b>	-79.368333	<b>PERMIT ISSUED DATE</b>	01-NOV-2007
<b>LAT/LON CODE OF ACCURACY</b>	50	<b>PERMIT EXPIRED DATE</b>	31-OCT-2012
<b>LAT/LON METHOD</b>			
<b>LAT/LON SCALE</b>		<b>USGS HYDRO BASIN CODE</b>	
<b>LAT/LON DATUM</b>		<b>FLOW</b>	
<b>RECEIVING WATERS</b>	LUMBER RIVER	<b>FEDERAL GRANT IND</b>	N
<b>PRETREATMENT CODE</b>		<b>SLUDGE CLASS FAC IND</b>	NON-POTW
<b>MAILING NAME</b>		<b>SLUDGE RELATED PERMIT NUM</b>	
<b>MAILING STREET (1)</b>		<b>ANNUAL DRY SLUDGE PROD</b>	
<b>MAILING STREET (2)</b>			
<b>MAILING CITY</b>			

<b>MAILING STATE</b>			
<b>MAILING ZIP CODE</b>			
<b>COGNIZANT OFFICIAL</b>	Mark Cacciatore, Manufacturing	<b>COGNIZANT OFFICIAL TEL</b>	9108441211

## Activity

<b>FACILITY NAME (1)</b>	CAMPBELL SOUP SUPPLY COMPANY	<b>NPDES</b>	NCG060029
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<b>ACTIVITY NAME</b>	<b>ACTIVITY TYPE DESCRIPTION</b>	<b>ACTIVITY STATUS DESCRIPTION</b>	<b>ACTIVITY STATUS DATE</b>	<b>ACTUAL BEGIN DATE</b>	<b>ACTUAL END DATE</b>
NPDES Permit (CWA)	Permit				
NPDES Permit (CWA)	Permit	Active	19-FEB-2013		
NCG060029-CEI-2014-05-15	Inspection/Evaluation	Active	16-OCT-2019	15-MAY-2014	15-MAY-2014
CAMPBELL SOUP SUPPLY COMPANY (Permit NCG060029) Compliance Eval (Non-Sampling)	Inspection/Evaluation		14-JUN-2011		14-JUN-2011



CAMPBELL SOUP SUPPLY COMPANY (Permit NCG060029) Compliance Eval (Non- Sampling)	Inspection/Evaluation		13-JUN- 2011		13-JUN- 2011
NPDES Permit (CWA)	Permit	Active	07-DEC- 2017		
NPDES Permit (CWA)	Permit	Active	05-AUG- 2021		
NPDES Permit (CWA)	Permit	Active	01-NOV- 2018		
NPDES Permit (CWA)	Permit	Active	01-JUL- 2021		

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## Contacts

<b>FACILITY NAME (1)</b>	CAMPBELL SOUP SUPPLY COMPANY	<b>NPDES</b>	NCG060029
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No Contacts Found.

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## Permit Tracking

<b>FACILITY NAME (1)</b>	CAMPBELL SOUP SUPPLY COMPANY	<b>NPDES</b>	NCG060029
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<b>PERMIT ISSUED BY</b>		<b>ORIGINAL DATE OF ISSUE</b>	26-JUL-1993
<b>PERMIT ISSUED DATE</b>	20-MAY-2021	<b>PERMIT EXPIRED DATE</b>	30-JUN-2021
<b>EFFECTIVE DATE</b>	01-JUN-2021	<b>RETIREMENT DATE</b>	30-JUN-2021

<b>FACILITY NAME (1)</b>	CAMPBELL SOUP SUPPLY COMPANY	<b>NPDES</b>	NCG060029
<b>PERMIT ISSUED BY</b>		<b>ORIGINAL DATE OF ISSUE</b>	26-JUL-1993
<b>PERMIT ISSUED DATE</b>	16-NOV-2017	<b>PERMIT EXPIRED DATE</b>	31-OCT-2018
<b>EFFECTIVE DATE</b>	16-NOV-2017	<b>RETIREMENT DATE</b>	31-OCT-2018

<b>FACILITY NAME (1)</b>	CAMPBELL SOUP SUPPLY COMPANY	<b>NPDES</b>	NCG060029
<b>PERMIT ISSUED BY</b>		<b>ORIGINAL DATE OF ISSUE</b>	26-JUL-1993
<b>PERMIT ISSUED DATE</b>	01-NOV-2018	<b>PERMIT EXPIRED DATE</b>	31-MAY-2021
<b>EFFECTIVE DATE</b>	01-NOV-2018	<b>RETIREMENT DATE</b>	31-MAY-2021

<b>FACILITY NAME (1)</b>	CAMPBELL SOUP SUPPLY COMPANY	<b>NPDES</b>	NCG060029
<b>PERMIT ISSUED BY</b>		<b>ORIGINAL DATE OF ISSUE</b>	26-JUL-1993

<b>PERMIT ISSUED DATE</b>	01-NOV-2007	<b>PERMIT EXPIRED DATE</b>	31-OCT-2012
<b>EFFECTIVE DATE</b>	01-NOV-2007	<b>RETIREMENT DATE</b>	30-NOV-2012

<b>FACILITY NAME (1)</b>	CAMPBELL SOUP SUPPLY COMPANY	<b>NPDES</b>	NCG060029
<b>PERMIT ISSUED BY</b>		<b>ORIGINAL DATE OF ISSUE</b>	26-JUL-1993
<b>PERMIT ISSUED DATE</b>	01-JUL-2021	<b>PERMIT EXPIRED DATE</b>	30-JUN-2026
<b>EFFECTIVE DATE</b>	01-JUL-2021	<b>RETIREMENT DATE</b>	

<b>FACILITY NAME (1)</b>	CAMPBELL SOUP SUPPLY COMPANY	<b>NPDES</b>	NCG060029
<b>PERMIT ISSUED BY</b>		<b>ORIGINAL DATE OF ISSUE</b>	26-JUL-1993
<b>PERMIT ISSUED DATE</b>	01-DEC-2012	<b>PERMIT EXPIRED DATE</b>	31-OCT-2017
<b>EFFECTIVE DATE</b>	01-DEC-2012	<b>RETIREMENT DATE</b>	15-NOV-2017

#### Permit Tracking Events:

<b>EVENT DESCRIPTION</b>	<b>EVENT DATE</b>
Permit Expiration	30-JUN-2026
Permit Issued	01-JUL-2021
Permit Effective	01-JUL-2021
Permit Continued	01-JUL-2021
Permit Reissued	01-JUL-2021

Permit Retired	30-JUN-2021
Permit Expiration	30-JUN-2021
Permit Effective	01-JUN-2021
Permit Continued	01-JUN-2021
Permit Retired	31-MAY-2021
Permit Expiration	31-MAY-2021
Permit Issued	20-MAY-2021
Permit Reissued	20-MAY-2021
Permit Effective	01-NOV-2018
Permit Issued	01-NOV-2018
Permit Reissued	01-NOV-2018
Permit Expiration	31-OCT-2018
Permit Retired	31-OCT-2018
Permit Reissued	16-NOV-2017
Permit Effective	16-NOV-2017
Permit Issued	16-NOV-2017
Permit Retired	15-NOV-2017
Permit Continued	01-NOV-2017
Permit Expiration	31-OCT-2017
Permit Effective	01-DEC-2012
Permit Reissued	01-DEC-2012
Permit Issued	01-DEC-2012
Permit Retired	30-NOV-2012
Permit Expiration	31-OCT-2012

Permit Effective	01-NOV-2007
Permit Issued	01-NOV-2007
Application/NOI Received	21-MAY-2007

## Inspections

<b>FACILITY NAME (1)</b>	CAMPBELL SOUP SUPPLY COMPANY	<b>NPDES</b>	NCG060029
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<b>INSPECTION TYPE</b>	<b>DATE OF INSPECTION</b>	<b>INSPECTION PERFORMED BY</b>
NCG060029-CEI-2014-05-15	16-OCT-2019	State
CAMPBELL SOUP SUPPLY COMPANY (Permit NCG060029) Compliance Eval (Non-Sampling)	14-JUN-2011	State
CAMPBELL SOUP SUPPLY COMPANY (Permit NCG060029) Compliance Eval (Non-Sampling)	13-JUN-2011	State

## Outfalls/Pipe Schedules

<b>FACILITY NAME (1)</b>	CAMPBELL SOUP SUPPLY COMPANY	<b>NPDES</b>	NCG060029
<b>OUTFALL TYPE</b>		<b>PIPE NUMBER</b>	
<b>ACTIVITY STATUS</b>		<b>REPORT DESIGNATOR</b>	
<b>LATITUDE</b>		<b>LONGITUDE</b>	
<b>LAT/LON ACCURACY</b>		<b>LAT/LON METHOD</b>	
<b>LAT/LON SCALE</b>		<b>LAT/LON DATUM</b>	

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	

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# Limits Report

FACILITY NAME (1)	CAMPBELL SOUP SUPPLY COMPANY	NPDES	NCG060029
PIPE NUMBER			
PIPE DESCRIPTION		REPORT DESIGNATOR	
DMR COMMENT		LIMIT SET TYPE	

No ICIS Limits Report Found.

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# Limits Report

FACILITY NAME (1)	CAMPBELL SOUP SUPPLY COMPANY	NPDES	NCG060029
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No ICIS Limits Information Found.

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# Measurements and Violations

<b>FACILITY NAME (1)</b>	CAMPBELL SOUP SUPPLY COMPANY	<b>NPDES</b>	NCG060029
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No ICIS Measurements Information Found.

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## Compliance Schedules and Violations

<b>FACILITY NAME (1)</b>	CAMPBELL SOUP SUPPLY COMPANY	<b>NPDES</b>	NCG060029
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No Compliance Schedules Found.

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## Pretreatment Inspections/Audits

<b>FACILITY NAME (1)</b>	CAMPBELL SOUP SUPPLY COMPANY	<b>NPDES</b>	NCG060029
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No ICIS Pretreatment Inspections Found.

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## Pretreatment Performance Summary

<b>FACILITY NAME (1)</b>	CAMPBELL SOUP SUPPLY COMPANY	<b>NPDES</b>	NCG060029
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No ICIS Pretreatment Performance Summary Information Found.

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**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**



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**The data for the Permit Compliance System (PCS) is frozen in Envirofacts for the following states and territories as of the below listed dates:**

- **Frozen as of June 6th, 2006: MA,NH,RI,VI,PR,DC,MD,IN,NM,UT,HI,AK,ID**

- **Frozen as of August, 2006:**  
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- **Frozen as of April 24th, 2008:** IL
- **Frozen as of August 26th, 2008:** AR,CA,CO,OK,TN,WI
- **Frozen as of June 17th, 2009:** TX, LA, GM, AL
- **Frozen as of March 1st, 2012:** DE
- **Frozen as of Nov 29, 2012:** AZ, IA, KS, ME, MS, NC, ND, NJ, OR, SC, VA, VT, WA, WV, WY

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## Facility

<b>FACILITY NAME (1)</b>	Campbell Soup Supply Co L L C	<b>NPDES</b>	NCG060029
<b>FACILITY NAME (2)</b>			
<b>STREET 1</b>	2120 NC Hwy 71 N	<b>SIC CODE</b>	2032 = CANNED SPECIALTIES
<b>CITY</b>	MAXTON TOWN	<b>MAJOR / MINOR</b>	
<b>COUNTY NAME</b>	ROBESON	<b>TYPE OF OWNERSHIP</b>	PRI = PRIVATE
<b>STATE</b>	NC	<b>INDUSTRY CLASS</b>	R
<b>ZIP CODE</b>	28364	<b>ACTIVITY STATUS</b>	A = Active
<b>REGION</b>	04	<b>INACTIVE DATE</b>	

<b>LATITUDE</b>	+3446200		
<b>LONGITUDE</b>	-07922060	<b>TYPE OF PERMIT ISSUED</b>	S = STATE
<b>LAT/LON CODE OF ACCURACY</b>	4 = NEAREST 30 SECONDS	<b>PERMIT ISSUED DATE</b>	01-NOV- 2007
<b>LAT/LON METHOD</b>	A = MAP INTERPOLATION	<b>PERMIT EXPIRED DATE</b>	31-OCT- 2012
<b>LAT/LON SCALE</b>		<b>ORIGINAL PERMIT ISSUE DATE</b>	26-JUL-1993
<b>LAT/LON DATUM</b>	1 = NAD27		
<b>LAT/LON DESCRIPTION</b>	01099		
<b>USGS HYDRO BASIN CODE</b>		<b>STREAM SEGMENT</b>	
<b>FLOW</b>	0	<b>MILEAGE IND</b>	
<b>RECEIVING STREAM CLASS CODE</b>		<b>FEDERAL_GRANT_IND</b>	
<b>RECEIVING WATERS</b>	LUMBER RIVER	<b>FINAL LIMITS IND</b>	F = FINAL
<b>PRETREATMENT CODE</b>			
<b>SLUDGE INDICATOR</b>		<b>SLUDGE CLASS FAC IND</b>	

<b>SLUDGE RELATED PERMIT NUM</b>		<b>ANNUAL DRY SLUDGE PROD</b>	
<b>MAILING NAME</b>	Campbell Soup Supply Company		
<b>MAILING STREET (1)</b>	2120 NC 71 Hwy N	<b>MAILING STREET (2)</b>	
<b>MAILING CITY</b>	Maxton	<b>MAILING STATE</b>	NC
<b>MAILING ZIP CODE</b>	28364		
<b>SLUDGE COMMERCIAL HANDLER</b>			
<b>SLUDGE HANDLER STREET (1)</b>		<b>SLUDGE HANDLER STREET (2)</b>	
<b>SLUDGE HANDLER CITY</b>		<b>SLUDGE HANDLER STATE</b>	
<b>SLUDGE HANDLER ZIP CODE</b>			
<b>COGNIZANT OFFICIAL</b>	Mark Cacciatore, Manufacturing	<b>COGNIZANT OFFICIAL TEL</b>	910-844- 1211

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## Permit Documents

<b>FACILITY NAME (1)</b>	Campbell Soup Supply Co L L C	<b>NPDES</b>	NCG060029
<b>FACILITY NAME (2)</b>			

No Permit Documents Found.

## Permit Tracking

<b>FACILITY NAME (1)</b>	Campbell Soup Supply Co L L C	<b>NPDES</b>	NCG060029
<b>FACILITY NAME (2)</b>		<b>PERMIT ISSUED BY</b>	S = STATE
<b>PERMIT ISSUED DATE</b>	01-NOV-2007	<b>ORIGINAL DATE OF ISSUE</b>	26-JUL-1993
<b>PERMIT EXPIRED DATE</b>	31-OCT-2012		

### Permit Tracking Events:

EVENT CODE	EVENT DESCRIPTION	ACTUAL DATE
P5099	PERMIT EXPIRED	31-OCT-2012
P4099	PERMIT ISSUED	01-NOV-2007
P1099	APPLICATION RECEIVED	21-MAY-2007

# Inspections

<b>FACILITY NAME (1)</b>	Campbell Soup Supply Co L L C	<b>NPDES</b>	NCG060029
<b>FACILITY NAME (2)</b>			

<b>INSPECTION TYPE</b>	<b>DATE OF INSPECTION</b>	<b>INSPECTION PERFORMED BY</b>
C = COMPLIANCE EVAL (NON- SAMPLING)	14-JUN-2011	S = STATE
C = COMPLIANCE EVAL (NON- SAMPLING)	13-JUN-2011	S = STATE

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## Outfalls/Pipe Schedules

<b>FACILITY NAME (1)</b>	Campbell Soup Supply Co L L C	<b>NPDES</b>	NCG060029
<b>FACILITY NAME (2)</b>			

No PCS Pipe Schedule Information Found.

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## Limits Report

<b>FACILITY NAME (1)</b>	Campbell Soup Supply Co L L C	<b>NPDES</b>	NCG060029
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<b>FACILITY NAME</b> (2)			
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No PCS Limits Information Found

## Measurements and Violations

<b>FACILITY NAME</b> (1)	Campbell Soup Supply Co L L C	<b>NPDES</b>	NCG060029
<b>FACILITY NAME</b> (2)			

No PCS Measurements and Violations Information Found.

## Compliance Schedules and Violations

<b>FACILITY NAME</b> (1)	Campbell Soup Supply Co L L C	<b>NPDES</b>	NCG060029
<b>FACILITY NAME</b> (2)			

No Compliance Schedules Found.

## Evidentiary Hearings

<b>FACILITY NAME</b> (1)	Campbell Soup Supply Co L L C	<b>NPDES</b>	NCG060029
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<b>FACILITY NAME (2)</b>			
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No PCS Evidentiary Hearing Information Found.

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## Pretreatment Inspections/Audits

<b>FACILITY NAME (1)</b>	Campbell Soup Supply Co L L C	<b>NPDES</b>	NCG060029
<b>FACILITY NAME (2)</b>			

No PCS Pretreatment Inspections Found.

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## Pretreatment Performance Summary

<b>FACILITY NAME (1)</b>	Campbell Soup Supply Co L L C	<b>NPDES</b>	NCG060029
<b>FACILITY NAME (2)</b>			

No PCS Pretreatment Performance Summary Information Found.

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## Facility

<b>FACILITY NAME (1)</b>	CAMPBELL SOUP SUPPLY COMPANY	<b>NPDES</b>	NCG500205
<b>STREET 1</b>	2120 NC HWY 71 N	<b>SIC CODE</b>	2032 = Canned Specialties

<b>CITY</b>		<b>MAJOR / MINOR</b>	
<b>COUNTY NAME</b>	Robeson	<b>TYPE OF OWNERSHIP</b>	Privately Owned Facility
<b>STATE</b>	NC	<b>ACTIVITY STATUS</b>	Expired
<b>ZIP CODE</b>	28364	<b>INACTIVE DATE</b>	
<b>REGION</b>	Region 4	<b>TYPE OF PERMIT ISSUED</b>	General Permit Covered Facility
<b>LATITUDE</b>	34.772222	<b>ORIGINAL PERMIT ISSUE DATE</b>	23-JUL-2007
<b>LONGITUDE</b>	-79.368333	<b>PERMIT ISSUED DATE</b>	23-JUL-2007
<b>LAT/LON CODE OF ACCURACY</b>	50	<b>PERMIT EXPIRED DATE</b>	31-JUL-2012
<b>LAT/LON METHOD</b>			
<b>LAT/LON SCALE</b>		<b>USGS HYDRO BASIN CODE</b>	
<b>LAT/LON DATUM</b>		<b>FLOW</b>	0
<b>RECEIVING WATERS</b>		<b>FEDERAL GRANT IND</b>	
<b>PRETREATMENT CODE</b>		<b>SLUDGE CLASS FAC IND</b>	NON-POTW
<b>MAILING NAME</b>		<b>SLUDGE RELATED PERMIT NUM</b>	
<b>MAILING STREET (1)</b>		<b>ANNUAL DRY SLUDGE PROD</b>	
<b>MAILING STREET (2)</b>			
<b>MAILING CITY</b>			

<b>MAILING STATE</b>			
<b>MAILING ZIP CODE</b>			
<b>COGNIZANT OFFICIAL</b>		<b>COGNIZANT OFFICIAL TEL</b>	

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# Activity

<b>FACILITY NAME (1)</b>	CAMPBELL SOUP SUPPLY COMPANY	<b>NPDES</b>	NCG500205
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<b>ACTIVITY NAME</b>	<b>ACTIVITY TYPE DESCRIPTION</b>	<b>ACTIVITY STATUS DESCRIPTION</b>	<b>ACTIVITY STATUS DATE</b>	<b>ACTUAL BEGIN DATE</b>	<b>ACTUAL END DATE</b>
NPDES Permit (CWA)	Permit				
CAMPBELL SOUP SUPPLY COMPANY (Permit NCG500205) Compliance Eval (Non-Sampling)	Inspection/Evaluation		23-AUG-2007		23-AUG-2007

CAMPBELL SOUP SUPPLY COMPANY (Permit NCG500205) Compliance Eval (Non- Sampling)	Inspection/Evaluation		14-JUL- 2010		14-JUL- 2010
NCG500205- CEI-2022- 06-28	Inspection/Evaluation	Active	07-JUL- 2022	28-JUN- 2022	28-JUN- 2022
NPDES Permit (CWA)	Permit	Active	07-JAN- 2021		
NPDES Permit (CWA)	Permit	Active	05-NOV- 2015		
NCG500205- CEI-2018- 05-22	Inspection/Evaluation	Active	05-JUL- 2018	22-MAY- 2018	22-MAY- 2018
NPDES Permit (CWA)	Permit	Active	01-MAY- 2013		

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## Contacts

<b>FACILITY NAME (1)</b>	CAMPBELL SOUP SUPPLY COMPANY	<b>NPDES</b>	NCG500205
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No Contacts Found.

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## Permit Tracking

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<b>FACILITY NAME (1)</b>	CAMPBELL SOUP SUPPLY COMPANY	<b>NPDES</b>	NCG500205
<b>PERMIT ISSUED BY</b>		<b>ORIGINAL DATE OF ISSUE</b>	23-JUL- 2007
<b>PERMIT ISSUED DATE</b>	23-JUL-2007	<b>PERMIT EXPIRED DATE</b>	31-JUL- 2012
<b>EFFECTIVE DATE</b>	01-AUG-2007	<b>RETIREMENT DATE</b>	31-JUL- 2012

<b>FACILITY NAME (1)</b>	CAMPBELL SOUP SUPPLY COMPANY	<b>NPDES</b>	NCG500205
<b>PERMIT ISSUED BY</b>		<b>ORIGINAL DATE OF ISSUE</b>	23-JUL- 2007
<b>PERMIT ISSUED DATE</b>	15-DEC-2020	<b>PERMIT EXPIRED DATE</b>	30-NOV- 2025
<b>EFFECTIVE DATE</b>	15-DEC-2020	<b>RETIREMENT DATE</b>	

<b>FACILITY NAME (1)</b>	CAMPBELL SOUP SUPPLY COMPANY	<b>NPDES</b>	NCG500205
<b>PERMIT ISSUED BY</b>		<b>ORIGINAL DATE OF ISSUE</b>	23-JUL- 2007
<b>PERMIT ISSUED DATE</b>	03-NOV-2015	<b>PERMIT EXPIRED DATE</b>	31-JUL- 2020
<b>EFFECTIVE DATE</b>	03-NOV-2015	<b>RETIREMENT DATE</b>	14-DEC- 2020

<b>FACILITY NAME (1)</b>	CAMPBELL SOUP SUPPLY COMPANY	<b>NPDES</b>	NCG500205
<b>PERMIT ISSUED BY</b>		<b>ORIGINAL DATE OF ISSUE</b>	23-JUL- 2007

<b>PERMIT ISSUED DATE</b>	01-AUG-2012	<b>PERMIT EXPIRED DATE</b>	31-JUL-2015
<b>EFFECTIVE DATE</b>	01-AUG-2012	<b>RETIREMENT DATE</b>	02-NOV-2015

**Permit Tracking Events:**

<b>EVENT DESCRIPTION</b>	<b>EVENT DATE</b>
Permit Expiration	30-NOV-2025
Permit Issued	15-DEC-2020
Permit Effective	15-DEC-2020
Permit Reissued	15-DEC-2020
Permit Retired	14-DEC-2020
Permit Expiration	31-JUL-2020
Permit Issued	03-NOV-2015
Permit Effective	03-NOV-2015
Permit Reissued	03-NOV-2015
Permit Retired	02-NOV-2015
Permit Expiration	31-JUL-2015
Permit Issued	01-AUG-2012
Permit Effective	01-AUG-2012
Permit Reissued	01-AUG-2012
Permit Expiration	31-JUL-2012
Permit Retired	31-JUL-2012
Permit Effective	01-AUG-2007
Permit Issued	23-JUL-2007

---

# Inspections

<b>FACILITY NAME (1)</b>	CAMPBELL SOUP SUPPLY COMPANY	<b>NPDES</b>	NCG500205
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<b>INSPECTION TYPE</b>	<b>DATE OF INSPECTION</b>	<b>INSPECTION PERFORMED BY</b>
CAMPBELL SOUP SUPPLY COMPANY (Permit NCG500205) Compliance Eval (Non-Sampling)	23-AUG-2007	State
CAMPBELL SOUP SUPPLY COMPANY (Permit NCG500205) Compliance Eval (Non-Sampling)	14-JUL-2010	State
NCG500205-CEI-2022-06-28	07-JUL-2022	State
NCG500205-CEI-2018-05-22	05-JUL-2018	State

---

# Outfalls/Pipe Schedules

<b>FACILITY NAME (1)</b>	CAMPBELL SOUP SUPPLY COMPANY	<b>NPDES</b>	NCG500205
<b>OUTFALL TYPE</b>		<b>PIPE NUMBER</b>	
<b>ACTIVITY STATUS</b>		<b>REPORT DESIGNATOR</b>	
<b>LATITUDE</b>		<b>LONGITUDE</b>	
<b>LAT/LON ACCURACY</b>		<b>LAT/LON METHOD</b>	
<b>LAT/LON SCALE</b>		<b>LAT/LON DATUM</b>	
<b>INACTIVE DATE</b>		<b>USGS HYDRO BASIN CODE</b>	
<b>INIT DMR DUE DATE</b>		<b>SUBMISSION UNITS</b>	

PIPE DESCRIPTION		UNITS IN SUBM. PERIOD	
INIT REPORTING DATE		REPORTING UNITS	
UNITS IN REPORTING PERIOD		DMR COMMENT	

---

# Limits Report

FACILITY NAME (1)	CAMPBELL SOUP SUPPLY COMPANY	NPDES	NCG500205
PIPE NUMBER			
PIPE DESCRIPTION		REPORT DESIGNATOR	
DMR COMMENT		LIMIT SET TYPE	

No ICIS Limits Report Found.

---

# Limits Report

FACILITY NAME (1)	CAMPBELL SOUP SUPPLY COMPANY	NPDES	NCG500205
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No ICIS Limits Information Found.

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# Measurements and Violations

FACILITY NAME (1)	CAMPBELL SOUP SUPPLY COMPANY	NPDES	NCG500205
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No ICIS Measurements Information Found.

---

# Compliance Schedules and Violations

<b>FACILITY NAME (1)</b>	CAMPBELL SOUP SUPPLY COMPANY	<b>NPDES</b>	NCG500205
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No Compliance Schedules Found.

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## Pretreatment Inspections/Audits

<b>FACILITY NAME (1)</b>	CAMPBELL SOUP SUPPLY COMPANY	<b>NPDES</b>	NCG500205
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No ICIS Pretreatment Inspections Found.

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## Pretreatment Performance Summary


<b>FACILITY NAME (1)</b>	CAMPBELL SOUP SUPPLY COMPANY	<b>NPDES</b>	NCG500205
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No ICIS Pretreatment Performance Summary Information Found.

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**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>>

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Detailed Reports

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Results are based on data extracted on NOV-11-2012

**Note:** You are viewing results from the historic data system, Permit Compliance System (PCS). The state reporting this data to EPA no longer reports the data to PCS, but rather reports the data to a modernized system, Integrated Compliance Information System (ICIS). Use the following button to view the latest data from ICIS.

**Run a ICIS Search**

**The data for the Permit Compliance System (PCS) is frozen in Envirofacts for the following states and territories as of the below listed dates:**

- **Frozen as of June 6th, 2006: MA,NH,RI,VI,PR,DC,MD,IN,NM,UT,HI,AK,ID**

- **Frozen as of August, 2006:**  
AS,AT,CT,CZ,FM,GA,GB,GU,JA,MH,MP,MT,MW,NE,NI,NN,NV,NY,PA,PW,SD,SR,TT,UM
- **Frozen as of April 24th, 2008:** IL
- **Frozen as of August 26th, 2008:** AR,CA,CO,OK,TN,WI
- **Frozen as of June 17th, 2009:** TX, LA, GM, AL
- **Frozen as of March 1st, 2012:** DE
- **Frozen as of Nov 29, 2012:** AZ, IA, KS, ME, MS, NC, ND, NJ, OR, SC, VA, VT, WA, WV, WY

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## Facility

<b>FACILITY NAME (1)</b>	Campbell Soup Supply Co L L C	<b>NPDES</b>	NCG500205
<b>FACILITY NAME (2)</b>			
<b>STREET 1</b>	2120 NC Hwy 71 N	<b>SIC CODE</b>	2032 = CANNED SPECIALTIES
<b>CITY</b>	MAXTON TOWN	<b>MAJOR / MINOR</b>	
<b>COUNTY NAME</b>	ROBESON	<b>TYPE OF OWNERSHIP</b>	PRI = PRIVATE
<b>STATE</b>	NC	<b>INDUSTRY CLASS</b>	R
<b>ZIP CODE</b>	28364	<b>ACTIVITY STATUS</b>	A = Active
<b>REGION</b>	04	<b>INACTIVE DATE</b>	



<b>LATITUDE</b>	+3446200		
<b>LONGITUDE</b>	-07922060	<b>TYPE OF PERMIT ISSUED</b>	S = STATE
<b>LAT/LON CODE OF ACCURACY</b>	4 = NEAREST 30 SECONDS	<b>PERMIT ISSUED DATE</b>	23-JUL-2007
<b>LAT/LON METHOD</b>	A = MAP INTERPOLATION	<b>PERMIT EXPIRED DATE</b>	31-JUL-2012
<b>LAT/LON SCALE</b>		<b>ORIGINAL PERMIT ISSUE DATE</b>	30-SEP-1993
<b>LAT/LON DATUM</b>	1 = NAD27		
<b>LAT/LON DESCRIPTION</b>	01099		
<b>USGS HYDRO BASIN CODE</b>		<b>STREAM SEGMENT</b>	
<b>FLOW</b>	0	<b>MILEAGE IND</b>	
<b>RECEIVING STREAM CLASS CODE</b>		<b>FEDERAL_GRANT_IND</b>	
<b>RECEIVING WATERS</b>	LUMBER RIVER	<b>FINAL LIMITS IND</b>	F = FINAL
<b>PRETREATMENT CODE</b>			
<b>SLUDGE INDICATOR</b>		<b>SLUDGE CLASS FAC IND</b>	

<b>SLUDGE RELATED PERMIT NUM</b>		<b>ANNUAL DRY SLUDGE PROD</b>	
<b>MAILING NAME</b>	Campbell Soup Supply Company		
<b>MAILING STREET (1)</b>	2120 NC 71 Hwy N	<b>MAILING STREET (2)</b>	
<b>MAILING CITY</b>	Maxton	<b>MAILING STATE</b>	NC
<b>MAILING ZIP CODE</b>	28364		
<b>SLUDGE COMMERCIAL HANDLER</b>			
<b>SLUDGE HANDLER STREET (1)</b>		<b>SLUDGE HANDLER STREET (2)</b>	
<b>SLUDGE HANDLER CITY</b>		<b>SLUDGE HANDLER STATE</b>	
<b>SLUDGE HANDLER ZIP CODE</b>			
<b>COGNIZANT OFFICIAL</b>	Michael Miller, - Director Max	<b>COGNIZANT OFFICIAL TEL</b>	910-844- 1574

---

## Permit Documents

<b>FACILITY NAME (1)</b>	Campbell Soup Supply Co L L C	<b>NPDES</b>	NCG500205
<b>FACILITY NAME (2)</b>			

No Permit Documents Found.

## Permit Tracking

<b>FACILITY NAME (1)</b>	Campbell Soup Supply Co L L C	<b>NPDES</b>	NCG500205
<b>FACILITY NAME (2)</b>		<b>PERMIT ISSUED BY</b>	S = STATE
<b>PERMIT ISSUED DATE</b>	23-JUL-2007	<b>ORIGINAL DATE OF ISSUE</b>	30-SEP-1993
<b>PERMIT EXPIRED DATE</b>	31-JUL-2012		

### Permit Tracking Events:

<b>EVENT CODE</b>	<b>EVENT DESCRIPTION</b>	<b>ACTUAL DATE</b>
P5099	PERMIT EXPIRED	31-JUL-2012
P4099	PERMIT ISSUED	23-JUL-2007
P1099	APPLICATION RECEIVED	08-MAY-2007

# Inspections

<b>FACILITY NAME (1)</b>	Campbell Soup Supply Co L L C	<b>NPDES</b>	NCG500205
<b>FACILITY NAME (2)</b>			

<b>INSPECTION TYPE</b>	<b>DATE OF INSPECTION</b>	<b>INSPECTION PERFORMED BY</b>
C = COMPLIANCE EVAL (NON- SAMPLING)	14-JUL-2010	S = STATE
C = COMPLIANCE EVAL (NON- SAMPLING)	23-AUG-2007	S = STATE

---

## Outfalls/Pipe Schedules

<b>FACILITY NAME (1)</b>	Campbell Soup Supply Co L L C	<b>NPDES</b>	NCG500205
<b>FACILITY NAME (2)</b>			

No PCS Pipe Schedule Information Found.

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## Limits Report

<b>FACILITY NAME (1)</b>	Campbell Soup Supply Co L L C	<b>NPDES</b>	NCG500205
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<b>FACILITY NAME (2)</b>			
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No PCS Limits Information Found

## Measurements and Violations

<b>FACILITY NAME (1)</b>	Campbell Soup Supply Co L L C	<b>NPDES</b>	NCG500205
<b>FACILITY NAME (2)</b>			

No PCS Measurements and Violations Information Found.

## Compliance Schedules and Violations

<b>FACILITY NAME (1)</b>	Campbell Soup Supply Co L L C	<b>NPDES</b>	NCG500205
<b>FACILITY NAME (2)</b>			

No Compliance Schedules Found.

## Evidentiary Hearings

<b>FACILITY NAME (1)</b>	Campbell Soup Supply Co L L C	<b>NPDES</b>	NCG500205
------------------------------	----------------------------------	--------------	-----------

<b>FACILITY NAME</b> (2)			
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No PCS Evidentiary Hearing Information Found.

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## Pretreatment Inspections/Audits

<b>FACILITY NAME</b> (1)	Campbell Soup Supply Co L L C	<b>NPDES</b>	NCG500205
<b>FACILITY NAME</b> (2)			

No PCS Pretreatment Inspections Found.

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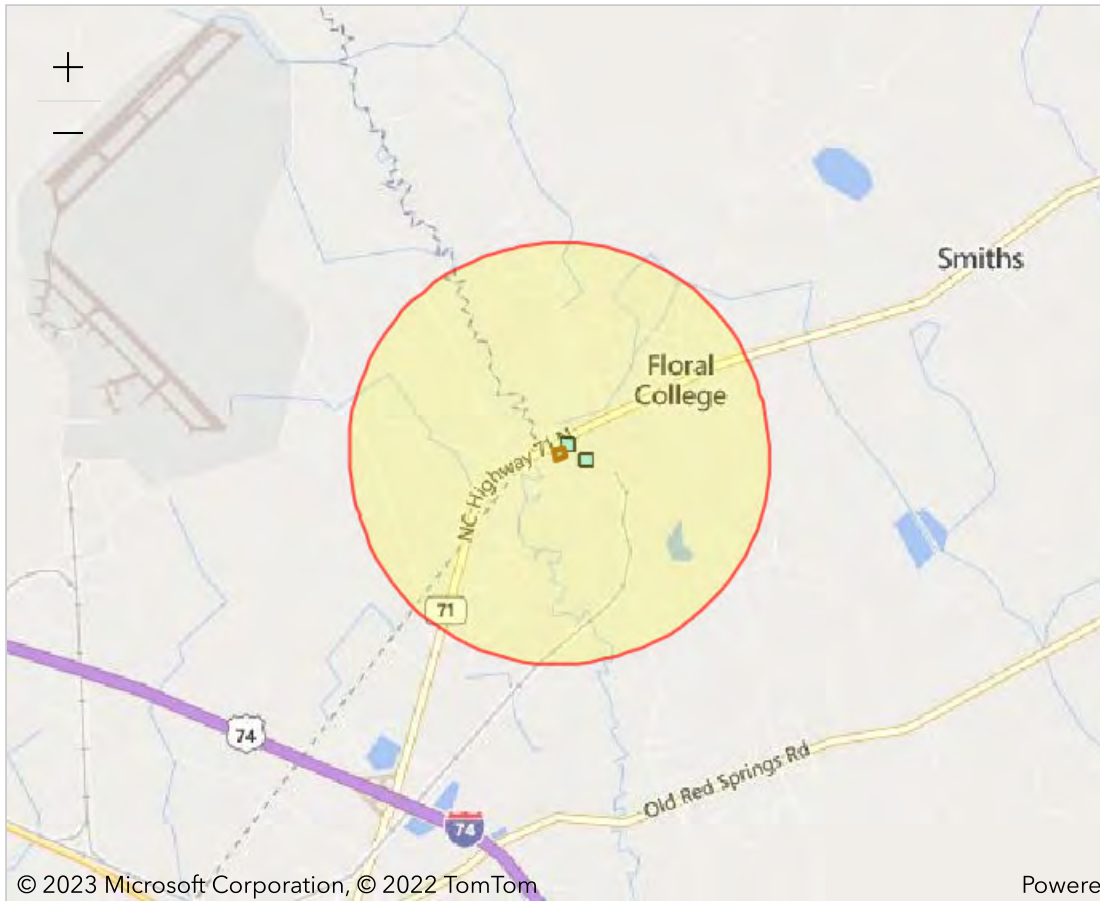
## Pretreatment Performance Summary

<b>FACILITY NAME</b> (1)	Campbell Soup Supply Co L L C	<b>NPDES</b>	NCG500205
<b>FACILITY NAME</b> (2)			

No PCS Pretreatment Performance Summary Information Found.

---

**Data Refresh Information** <<https://epa.gov/resources/echo-data/about-the-data#sources>>



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Powered by Esri (<http://www.esri.com/>)**Report question: *Within 1 of a Toxic releases site? yes***

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

 **Name****Distance**☐ CAMPBELL SOUP SUPPLY CO (MAXTON,NC) ([https://enviro.epa.gov/facts/tri/ef-](https://enviro.epa.gov/facts/tri/ef-facilities/#/Facility/28364CMPBLRT2HI)[facilities/#/Facility/28364CMPBLRT2HI](https://enviro.epa.gov/facts/tri/ef-facilities/#/Facility/28364CMPBLRT2HI))**REGISTRY\_ID:** 110018837892**LATITUDE:** 34.773889**LONGITUDE:** -79.328333**PGM\_SYS\_ACRNM:** TRIS**PGM\_SYS\_ID:** 28364CMPBLRT2HI**LOCATION\_ADDRESS:** 2120 NC 71 HWY N**CITY\_NAME:** MAXTON**COUNTY\_NAME:** ROBESON COUNTY**STATE\_CODE:** NC**EPA\_REGION:** Region 4**POSTAL\_CODE:** 28364**FIPS\_CODE:** 37155**HUC\_CODE:**

0.03 mile



Name	Distance
<div data-bbox="115 117 1230 180"> <input type="checkbox"/> SILGAN CONTAINERS MANUFACTURING CORPORATION (MAXTON,NC) (<a href="https://enviro.epa.gov/facts/tri/ef-facilities/#/Facility/28364SLGNC2120N">https://enviro.epa.gov/facts/tri/ef-facilities/#/Facility/28364SLGNC2120N</a>) </div> <div data-bbox="115 184 440 205"> <b>REGISTRY_ID:</b> 110000350085 </div> <div data-bbox="115 216 350 237"> <b>LATITUDE:</b> 34.772816 </div> <div data-bbox="115 241 381 262"> <b>LONGITUDE:</b> -79.326733 </div> <div data-bbox="115 268 381 289"> <b>PGM_SYS_ACRNM:</b> TRIS </div> <div data-bbox="115 296 477 317"> <b>PGM_SYS_ID:</b> 28364SLGNC2120N </div> <div data-bbox="115 323 609 344"> <b>LOCATION_ADDRESS:</b> 2120 NC HWY N UNIT A </div> <div data-bbox="115 350 350 371"> <b>CITY_NAME:</b> MAXTON </div> <div data-bbox="115 378 493 399"> <b>COUNTY_NAME:</b> ROBESON COUNTY </div> <div data-bbox="115 405 306 426"> <b>STATE_CODE:</b> NC </div> <div data-bbox="115 432 365 453"> <b>EPA_REGION:</b> Region 4 </div> <div data-bbox="115 459 357 480"> <b>POSTAL_CODE:</b> 28364 </div> <div data-bbox="115 487 323 508"> <b>FIPS_CODE:</b> 37155 </div> <div data-bbox="115 514 246 535"> <b>HUC_CODE:</b> </div>	0.10 mile

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## TRI Facility Report

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### TRI Facility Report: CAMPBELL SOUP SUPPLY CO (28364CMPBLRT2HI)






#### Facility Information

FACILITY INFORMATION   CHEMICALS   POLLUTION PREVENTION (P2)   WASTE MANAGEMENT   RELEASES   WATER RELEASES   TRANSFERS   CLASSIC VIEW			
Facility Name	CAMPBELL SOUP SUPPLY CO	TRI ID	28364CMPBLRT2HI
Address	2120 NC T1 HWY N MAXTON, NC, 28364	FRS ID	110018837892
Mailing Name	CAMPBELL SOUP SUPPLY CO	DUNS Number	192685100
Mailing Address	2120 NC T1 HWY N MAXTON, NC, 28364	Parent Company	CAMPBELL SOUP CO
County	ROBESON	Public Contact	BRETT DUNSON
EPA Region	4	Phone	(910) 844-1574
Latitude	34.772889	Tribe	NA
Longitude	-79.328333	BIA Tribal Code	NA
NAICS	311422 Specialty Canning	Industry Sector	311 Food
Last Form	2018		

Information is for the most recent reporting year

#### Other Regulatory Data

In addition to TRI, this facility reports to the programs listed below. The table below reflects regulatory data contained within Envirofacts and may not reflect all other EPA regulatory data:

Statute/Program <http://www.epa.gov/enviro/facts/qwr.html>	Universe	Media	Identifier
Clean Air Act (CAA)	AIR MAJOR 	Air	NC0000003707800159
Clean Water Act (CWA)	ICIS NPDES NON-MAJOR 	Water	NCG590025
Clean Water Act (CWA)	ICIS NPDES NON-MAJOR 	Water	NCG606029
Resource Conservation and Recovery Act (RCRA)	SQG 	Land	NCD697728000
Greenhouse Gas Reporting Program (GHGRP)	GREENHOUSE GAS REPORTER 	Air	1005780

#### Timestamp

Query was executed on JAN-30-2023



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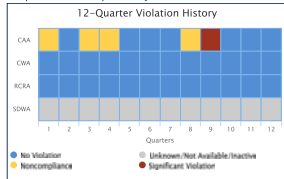


Last updated on September 27, 2022

\*You can navigate within the map with your mouse.

#### Compliance Information

Compliance data below provided by ECHO.



Go to ECHO for More Enforcement and Compliance Data

# Detailed Facility Report



## Detailed Facility Report

### Facility Summary

CAMPBELL SOUP SUPPLY COMPANY

2120 HIGHWAY 71 NORTH, MAXTON, NC 28364

FRS (Facility Registry Service) ID: 110018837892

EPA Region: 04

Latitude: 34.7724

Longitude: -79.325

Locational Data Source: EIS

Industries: Food Manufacturing

Indian Country: N

### Enforcement and Compliance Summary

Statute	CAA
Compliance Monitoring Activities (5 years)	4
Date of Last Compliance Monitoring Activity	06/07/2023
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	4
Qtrs with Significant Violation	1
Informal Enforcement Actions (5 years)	3
Formal Enforcement Actions (5 years)	1
Penalties from Formal Enforcement Actions (5 years)	\$4,458
EPA Cases (5 years)	--
Penalties from EPA Cases (5 years)	--
Statute	CWA
Compliance Monitoring Activities (5 years)	1
Date of Last Compliance Monitoring Activity	06/28/2022
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)	--

Statute	RCRA
Compliance Monitoring Activities (5 years)	--
Date of Last Compliance Monitoring Activity	09/21/2004
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):** Operating Major (NC0000003707800159)  
**Clean Water Act (CWA):** Minor, Permit Effective (NCG060029), Minor, Permit Effective (NCG500205)  
**Resource Conservation and Recovery Act (RCRA):** Active SQG, (NCD097728000)  
**Safe Drinking Water Act (SDWA):** No Information  
[Go To Enforcement/Compliance Details](#)  
[Known Data Problems](#)

Other Regulatory Reports

**Air Emissions Inventory (EIS):** 8491211  
**Greenhouse Gas Emissions (eGGRT):** 1005780  
**Toxic Releases (TRI):** 28364CMPBLRT2HI  
**Compliance and Emissions Data Reporting Interface (CEDRI):** CEDRI3617

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		<u>110018837892</u>					N	34.7724	-79.325
ICIS		2657160					N	34.773889	-79.328333
ICIS-Air	CAA	NC0000003707800159	Major Emissions	Operating	CAAGACTM, CAAMACT, CAANSPS, CAASIP, CAATVP		N	34.7724	-79.325
CEDRI	CAA	CEDRI3617					N	34.7724	-79.325
EIS	CAA	8491211					N	34.7724	-79.325
GHGRP	CAA	<u>1005780</u>	Direct Emitter	Reporting Year 2021: Reporting and meeting Verification requirements.	General Stationary Fuel Combustion		N		
RMP	CAA	100000066929		ACTIVE			N	34.773889	-79.328333
ICIS-NPDES	CWA	NCG060029	Minor: General Permit Covered Facility	Effective		06/30/2026	N	34.772222	-79.368333
ICIS-NPDES	CWA	NCG500205	Minor: General Permit Covered Facility	Effective		11/30/2025	N	34.772222	-79.368333
TRI	EP313	28364CMPBLRT2HI	Toxics Release Inventory	Last Reported for 2018			N	34.7724	-79.325
RCRAInfo	RCRA	NCD097728000	SQG	Active (H )			N	34.776297	-79.324808

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		<u>110018837892</u>	CAMPBELL SOUP SUPPLY COMPANY	2120 HIGHWAY 71 NORTH, MAXTON, NC 28364	Robeson County
ICIS		2657160	OIL SPILL (CAMPBELL SOUP SUPPLY COMPANY, LLC)	2120 NC71 HIGHWAY NORTH, MAXTON, NC 28364	Robeson County
ICIS-Air	CAA	NC0000003707800159	CAMPBELL SOUP SUPPLY COMPANY	2120 HIGHWAY 71 NORTH, MAXTON, NC 28364	Robeson County
CEDRI	CAA	CEDRI3617	CAMPBELL SOUP SUPPLY CO	2120 HIGHWAY 71 NORTH, MAXTON, NC 28364	Robeson County
EIS	CAA	8491211	CAMPBELL SOUP SUPPLY COMPANY	2120 HIGHWAY 71 NORTH, MAXTON, NC 28364	Robeson County
GHGRP	CAA	<u>1005780</u>	CAMPBELL SOUP SUPPLY COMPANY	2120 HIGHWAY 71 NORTH, MAXTON, NC 28364	Robeson County
RMP	CAA	100000066929	CAMPBELL SOUP SUPPLY COMPANY L.L.C. - MAXTON PLANT	2120 NC 71 HIGHWAY N., MAXTON, NC 28364	Robeson County
ICIS-NPDES	CWA	NCG060029	CAMPBELL SOUP SUPPLY COMPANY	2120 NC HWY 71 N, MAXTON, NC 28364	Robeson County
ICIS-NPDES	CWA	NCG500205	CAMPBELL SOUP SUPPLY COMPANY	2120 NC HWY 71 N, MAXTON, NC 28364	Robeson County
TRI	EP313	28364CMPBLRT2HI	CAMPBELL SOUP SUPPLY CO	2120 NC 71 HWY N, MAXTON, NC 28364	Robeson County
RCRAInfo	RCRA	NCD097728000	CAMPBELL SOUP SUPPLY COMPANY	2120 NC 71 HWY N, MAXTON, NC 28364	Robeson County

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
ICIS-Air	NC0000003707800159	2032	Canned Specialties
ICIS-NPDES	NCG060029	2032	Canned Specialties
ICIS-NPDES	NCG500205	2032	Canned Specialties

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
RMP	100000066929	311422	Specialty Canning
GHGRP	1005780	311422	Specialty Canning
TRI	28364CMPBLRT2HI	311422	Specialty Canning
TRI	28364CMPBLRT2HI	NA	
EIS	8491211	311422	Specialty Canning
ICIS-Air	NC0000003707800159	311422	Specialty Canning
RCRAInfo	NCD097728000	311422	Specialty Canning

Facility Industrial Effluent Guidelines

Identifier	Effluent Guideline (40 CFR Part)	Effluent Guideline Description
NCG060029	401	General provisions
NCG500205	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)
CAA	NC0000003707800159	ICIS-Air	Inspection/Evaluation	FCE On-Site	State	06/07/2023	
CAA	NC0000003707800159	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	05/25/2023	
CAA	NC0000003707800159	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	05/03/2023	
CAA	NC0000003707800159	ICIS-Air	Inspection/Evaluation	PCE Title V CCR	State	02/23/2023	Reviewed: 03/27/2023 Facility Reported No Deviations
CAA	NC0000003707800159	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	01/20/2023	
CAA	NC0000003707800159	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	09/06/2022	
CAA	NC0000003707800159	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	08/01/2022	
CAA	NC0000003707800159	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	04/19/2022	
CAA	NC0000003707800159	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	03/15/2022	
CAA	NC0000003707800159	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	03/09/2022	
CAA	NC0000003707800159	ICIS-Air	Inspection/Evaluation	PCE Title V CCR	State	02/28/2022	Reviewed: 05/02/2022 Facility Reported No Deviations
CAA	NC0000003707800159	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	11/23/2021	
CAA	NC0000003707800159	ICIS-Air	Inspection/Evaluation	FCE On-Site	State	08/25/2021	
CAA	NC0000003707800159	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	08/05/2021	
CAA	NC0000003707800159	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	07/30/2021	
CAA	NC0000003707800159	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	03/04/2021	
CAA	NC0000003707800159	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	03/04/2021	
CAA	NC0000003707800159	ICIS-Air	Inspection/Evaluation	PCE Title V CCR	State	02/22/2021	Reviewed: 03/22/2021 Facility Reported No Deviations
CAA	NC0000003707800159	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	02/09/2021	
CAA	NC0000003707800159	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	12/11/2020	
CAA	NC0000003707800159	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	10/29/2020	
CAA	NC0000003707800159	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	08/05/2020	
CAA	NC0000003707800159	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	06/11/2020	
CAA	NC0000003707800159	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	05/07/2020	
CAA	NC0000003707800159	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	05/04/2020	
CAA	NC0000003707800159	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	04/23/2020	
CAA	NC0000003707800159	ICIS-Air	Inspection/Evaluation	PCE Title V CCR	State	02/21/2020	Reviewed: 03/24/2020 Facility Reported No Deviations
CAA	NC0000003707800159	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	01/27/2020	
CAA	NC0000003707800159	ICIS-Air	Inspection/Evaluation	FCE On-Site	State	01/15/2020	
CAA	NC0000003707800159	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	01/06/2020	
CAA	NC0000003707800159	ICIS-Air	Inspection/Evaluation	PCE Stack Test	State	12/30/2019	Findings: Pass
CAA	NC0000003707800159	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	07/19/2019	
CAA	NC0000003707800159	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	07/19/2019	
CAA	NC0000003707800159	ICIS-Air	Inspection/Evaluation	PCE Title V CCR	State	02/22/2019	Reviewed: 03/06/2019 Facility Reported No Deviations
CAA	NC0000003707800159	ICIS-Air	Inspection/Evaluation	FCE On-Site	State	02/12/2019	
CWA	NCG500205	ICIS-NPDES	Inspection/Evaluation	Base Program - Evaluation	State	06/28/2022	

Entries in italics are not counted as EPA official inspections.

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
CAA	NC0000003707800159	No	06/24/2023	3	06/23/2023
CWA	NCG060029	No	03/31/2023	0	06/23/2023
CWA	NCG500205	No	03/31/2023	0	06/23/2023
RCRA	NCD097728000	No	06/24/2023	0	06/23/2023

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+
CAA (Source ID: NC0000003707800159)					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	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23
Facility-Level Status					No Violation Identified	Violation Identified	Violation-Resolved	No Violation Identified	No Violation Identified	No Violation Identified	Violation Identified	High Priority Violation	No Violation Identified	No Violation Identified	No Violation Identified	No Violation Identified
HPV History												Addressed-State				
	Violation Type	Agency	Programs	Pollutants												
CAA	HPV	NC	CAANSPTS	NITROGEN OXIDES NO2								04/29/2022 06/20/2022				
CAA	FRV	NC	CAANSPTS	NITROGEN OXIDES NO2		10/29/2020	03/04/2021									
CAA	FRV	NC	CAANSPTS	NITROGEN OXIDES NO2							03/21/2022	04/19/2022				
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: NCG060029)				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	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/23/23

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+
	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	Undetermined
	Quarterly Noncompliance Report History													
CWA (Source ID: NCG500205)		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	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/23/23
	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	Undetermined
	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: NCD097728000)			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	07/01-09/30/22	10/01-12/31/22	01/01-03/31/23	04/01-06/30/23
	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
CAA	ICIS-Air	NC0000003707800159	Notice of Violation	State	03/21/2022
CAA	ICIS-Air	NC0000003707800159	Notice of Violation	State	10/29/2020
CAA	ICIS-Air	NC0000003707800159	Notice of Violation	State	05/07/2020

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

Formal Enforcement Actions

Last 5 Years

Statute	System	Law/Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty Assessed	State/Local Penalty Assessed	Penalty Amount Collected	SEP Value	Comp Action Cost
CAA	ICIS-Air	OTHER	AIR/NC0000003707800159	Administrative - Formal	NC000A0000370780015900117	State	--	05/02/2022	1	05/31/2022	\$0	\$4,458	--	\$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?
--	---	---	---------------------------------	--------------------------------------	--	---

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)
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No data records returned

## Pollutants

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

[Air Pollutant Report](#)

[TRI Pollution Prevention Report](#)

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
<a href="#">28364CMPBLRT2HI</a>	2018	1,052	--	0	--	--	1,052	--
<a href="#">28364CMPBLRT2HI</a>	2017	882	--	0	--	--	882	--
<a href="#">28364CMPBLRT2HI</a>	2016	130	--	0	--	--	130	--
<a href="#">28364CMPBLRT2HI</a>	2015	3,825	--	0	--	--	3,825	--
<a href="#">28364CMPBLRT2HI</a>	2014	2,590	--	0	--	--	2,590	--
<a href="#">28364CMPBLRT2HI</a>	2013	337	--	0	--	--	337	--
<a href="#">28364CMPBLRT2HI</a>	2012	20,757	--	0	--	--	20,757	--

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

Chemical Name	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012
Benzo(g,h,i)perylene	--	--	--	11	--	--	41	28	--	4
Polycyclic aromatic compounds	--	--	--	1,041	882	130	3,784	2,562	337	337
Propylene	--	--	--	--	--	--	--	--	--	20,416

## Community

Environmental Justice

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. 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](#).

EJScreen Indexes Shown

Compare to ☒ US ☐ State

Index Type ☐ Environmental Justice ☒ Supplemental

Related Reports

[EJScreen Report](#)

Download Data

Census Block Group ID: 371559604032	US (Percentile)	
Supplemental Indexes	Facility Census Block Group	1-mile Max
Count of Indexes At or Above 80th Percentile	0	5
Particulate Matter 2.5	26	37
Ozone	55	70
Diesel Particulate Matter	34	56
Air Toxics Cancer Risk	75	91
Air Toxics Respiratory Hazard Index	78	92
Traffic Proximity	11	59
Lead Paint	58	85
Risk Management Plan (RMP) Facility Proximity	69	81
Hazardous Waste Proximity	62	75
Superfund Proximity	40	59
Underground Storage Tanks (UST)	62	89
Wastewater Discharge	37	92



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 2016 - 2020 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)		Age Breakdown (U.S. Census) - Persons (%)	
Total Persons	699	Children 5 years and younger	58 (8%)
Population Density	223/sq.mi.	Minors 17 years and younger	211 (30%)
Housing Units in Area	271	Adults 18 years and older	488 (70%)
General Statistics (ACS (American Community Survey))		Seniors 65 years and older	54 (8%)
Total Persons	313	Race Breakdown (U.S. Census) - Persons (%)	
Percent People of Color	91%	White	52 (7%)
Households in Area	98	African-American	122 (17%)
Households on Public Assistance	0	Hispanic-Origin	14 (2%)
Persons With Low Income	159	Asian/Pacific Islander	0 (0%)
Percent With Low Income	55%	American Indian	503 (72%)
Geography		Other/Multiracial	22 (3%)
Radius of Selected Area	1 mi.	Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Center Latitude	34.7724	Less than 9th Grade	12 (5.53%)
Center Longitude	-79.325	9th through 12th Grade	44 (20.28%)
Land Area	100%	High School Diploma	87 (40.09%)
Water Area	0%	Some College/2-year	44 (20.28%)
Income Breakdown (ACS (American Community Survey)) - Households (%)		B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	13 (5.99%)
Less than \$15,000	18 (18.75%)		
\$15,000 - \$25,000	14 (14.58%)		
\$25,000 - \$50,000	27 (28.13%)		
\$50,000 - \$75,000	24 (25%)		
Greater than \$75,000	13 (13.54%)		

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LAST UPDATED ON SEPTEMBER 21, 2022

[DATA REFRESH INFORMATION](#)



You are here: EPA Home <http://www.epa.gov/> » Envirofacts <\_/\_/\_/\_/index.html> » TRI <https://www.epa.gov/enviro/tri-overview> » TRI Search <https://www.epa.gov/enviro/tri-search> » Facility Report

## TRI Facility Report

Home <https://enviro.epa.gov/ | Multisystem Search <https://enviro.epa.gov/facts/multisystem.html> | Topic Searches <https://www.epa.gov/node/111171> | System Data Searches <https://www.epa.gov/node/110929> | About the Data <https://www.epa.gov/node/110929> | Data Downloads <https://www.epa.gov/node/109431> | Widgets <https://www.epa.gov/node/111193> | Services <https://www.epa.gov/node/110925> | Mobile <https://www.epa.gov/node/110843> | Other Datasets <https://www.epa.gov/node/111333>

### TRI Facility Report: SILGAN CONTAINERS MANUFACTURING CORP (28364SLGNC2120N)

#### Facility Information

FACILITY INFORMATION   CHEMICALS   POLLUTION PREVENTION (P2)   WASTE MANAGEMENT   RELEASES   WATER RELEASES   TRANSFERS   CLASSIC VIEW

Facility Name	SILGAN CONTAINERS MANUFACTURING CORP	TRI ID	28364SLGNC2120N
Address	2120 NC HWY N UNIT A MAXTON, NC, 28364	FRS ID	110000350085
Mailing Name	SILGAN CONTAINERS MANUFACTURING CORP	DUNS Number	178277612
Mailing Address	2120 NC HWY N UNIT A MAXTON, NC, 28364	Parent Company	SILGAN HOLDINGS INC
County	ROBESON	Public Contact	PHIL HEATWOLE
EPA Region	4	Phone	(910) 844-4141
Latitude	34.772816	Tribes	NA
Longitude	-79.326733	BIA Tribal Code	NA
NAICS	332431 Metal Can Manufacturing	Industry Sector	332 Fabricated Metals
Last Form	2021		

\*You can navigate within the map with your mouse.

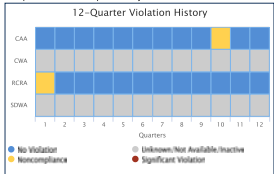
#### Other Regulatory Data

In addition to TRI, this facility reports to the programs listed below. The table below reflects regulatory data contained within Envirofacts and may not reflect all other EPA regulatory data:

Statute/Program <http://www.epa.gov/enviro/facts/qpr.html>	Universe	Media	Identifier
Clean Air Act (CAA)	AIR MAJOR	Air	NC0000003707800203
Resource Conservation and Recovery Act (RCRA)	LQG	Land	NCR0000009340

#### Compliance Information

Compliance data below provided by ECHO.



Go to ECHO for More Enforcement and Compliance Data

#### Timestamp

Query was executed on JAN-30-2023



#### Discover.

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

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#### Follow.



Last updated on September 27, 2022

# Detailed Facility Report



## Detailed Facility Report

### Facility Summary

SILGAN CAN COMPANY

2120 NC 71 HWY. N UNIT A, MAXTON, NC 28364

FRS (Facility Registry Service) ID: 110000350085

EPA Region: 04

Latitude: 34.772816

Longitude: -79.326733

Locational Data Source: EIS

Industries: Fabricated Metal Product Manufacturing

Indian Country: N

### Enforcement and Compliance Summary

Statute	CAA
Compliance Monitoring Activities (5 years)	3
Date of Last Compliance Monitoring Activity	08/25/2021
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	1
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	1
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)	2
Date of Last Compliance Monitoring Activity	01/19/2022
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	1
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): Operating Major (NC0000003707800203)  
Clean Water Act (CWA): No Information  
Resource Conservation and Recovery Act (RCRA): Active LQG, (NCR000009340)  
Safe Drinking Water Act (SDWA): No Information  
[Go To Enforcement/Compliance Details](#)  
[Known Data Problems](#)

Other Regulatory Reports

Air Emissions Inventory (EIS): 8009511  
Greenhouse Gas Emissions (eGGRT): No Information  
Toxic Releases (TRI): 28364SLGNC2120N  
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		<a href="#">110000350085</a>					N	34.772816	-79.326733
ICIS-Air	CAA	NC0000003707800203	Major Emissions	Operating	CAASIP, CAATVP		N	34.772816	-79.326733
EIS	CAA	8009511					N	34.772816	-79.326733
TRI	EP313	28364SLGNC2120N	Toxics Release Inventory	Last Reported for 2021			N	34.772816	-79.326733
RCRAInfo	RCRA	NCR000009340	LQG	Active (H )			N	34.776297	-79.324808

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		<a href="#">110000350085</a>	SILGAN CAN COMPANY	2120 NC 71 HWY. N UNIT A, MAXTON, NC 28364	Robeson County
ICIS-Air	CAA	NC0000003707800203	SILGAN CONTAINERS	2120 NC 71 HIGHWAY NORTH, UNIT A, MAXTON, NC 28364	Robeson County
EIS	CAA	8009511	SILGAN CONTAINERS	2120 NC 71 HIGHWAY NORTH, UNIT A, MAXTON, NC 28364	Robeson County
TRI	EP313	28364SLGNC2120N	SILGAN CONTAINERS MANUFACTURING CORP	2120 NC HWY N UNIT A, MAXTON, NC 28364	Robeson County
RCRAInfo	RCRA	NCR000009340	SILGAN CONTAINERS MFG CORPORATION	2120 NC HWY 71 N, UNIT A, MAXTON, NC 28364	Robeson County

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
ICIS-Air	NC0000003707800203	3411	Metal Cans

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
TRI	28364SLGNC2120N	332431	Metal Can Manufacturing
EIS	8009511	332431	Metal Can Manufacturing
ICIS-Air	NC0000003707800203	332431	Metal Can Manufacturing
RCRAInfo	NCR000009340	332431	Metal Can Manufacturing

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)
CAA	NC0000003707800203	ICIS-Air	Inspection/Evaluation	PCE Title V CCR	State	02/28/2023	Reviewed: 03/13/2023 Facility Reported No Deviations
CAA	NC0000003707800203	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	01/20/2023	
CAA	NC0000003707800203	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	01/20/2023	
CAA	NC0000003707800203	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	01/20/2023	
CAA	NC0000003707800203	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	08/05/2022	
CAA	NC0000003707800203	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	07/27/2022	
CAA	NC0000003707800203	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	07/26/2022	
CAA	NC0000003707800203	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	07/26/2022	
CAA	NC0000003707800203	ICIS-Air	Inspection/Evaluation	PCE Title V CCR	State	02/28/2022	Reviewed: 03/23/2022 Facility Reported No Deviations
CAA	NC0000003707800203	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	02/24/2022	
CAA	NC0000003707800203	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	02/24/2022	
CAA	NC0000003707800203	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	02/24/2022	
CAA	NC0000003707800203	ICIS-Air	Inspection/Evaluation	FCE On-Site	State	08/25/2021	
CAA	NC0000003707800203	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	08/02/2021	



Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
CAA	ICIS-Air	NC0000003707800203	Notice of Violation	State	07/08/2022
RCRA	RCRAInfo	NCR000009340	WRITTEN INFORMAL	State	04/08/2020

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

Formal Enforcement Actions

Last 5 Years

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

## Environmental Conditions

### Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
--	---	---	---------------------------------	--------------------------------------	--	---

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

[Air Pollutant Report](#)

[TRI Pollution Prevention Report](#)

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
<a href="#">28364SLGNC2120N</a>	2021	23,032	--	0	--	--	23,032	11,082
<a href="#">28364SLGNC2120N</a>	2020	32,293	--	0	--	--	32,293	15,911
<a href="#">28364SLGNC2120N</a>	2019	27,562	--	0	--	--	27,562	10,822
<a href="#">28364SLGNC2120N</a>	2018	25,017	--	0	--	--	25,017	5,844
<a href="#">28364SLGNC2120N</a>	2017	26,749	--	0	--	--	26,749	9,981
<a href="#">28364SLGNC2120N</a>	2016	26,911	--	0	--	--	26,911	16,514
<a href="#">28364SLGNC2120N</a>	2015	26,260	--	0	--	--	26,260	2,591
<a href="#">28364SLGNC2120N</a>	2014	29,836	--	0	--	--	29,836	3,324
<a href="#">28364SLGNC2120N</a>	2013	33,994	--	0	--	--	33,994	2,477
<a href="#">28364SLGNC2120N</a>	2012	27,310	--	0	--	--	27,310	1,376

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

Chemical Name	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012
1,2,4-Trimethylbenzene	--	--	--	830	2,121	--	--	--	--	--
Certain glycol ethers	6,282	10,498	8,999	5,239	12,018	27,787	21,873	25,128	26,902	20,363
Ethylbenzene	2,551	3,069	1,882	1,301	1,141	--	--	--	--	--
Naphthalene	370	569	310	293	269	--	--	--	--	--
Xylene (mixed isomers)	11,771	13,802	9,005	6,747	6,399	2,999	--	--	--	--
n-Butyl alcohol	13,140	20,266	18,188	16,451	14,782	12,639	6,978	8,032	9,569	8,323

## Community

Environmental Justice

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. 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](#).

EJScreen Indexes Shown

Compare to ☒ US ☐ State

Index Type ☐ Environmental Justice ☒ Supplemental

Related Reports

[EJScreen Report](#)

Download Data

Census Block Group ID: 371559604032	US (Percentile)	
Supplemental Indexes	Facility Census Block Group	1-mile Max
Count of Indexes At or Above 80th Percentile	0	5
Particulate Matter 2.5	26	37
Ozone	55	70
Diesel Particulate Matter	34	56
Air Toxics Cancer Risk	75	<div><div></div>91</div>
Air Toxics Respiratory Hazard Index	78	<div><div></div>92</div>
Traffic Proximity	11	59
Lead Paint	58	<div><div></div>85</div>
Risk Management Plan (RMP) Facility Proximity	69	<div><div></div>81</div>
Hazardous Waste Proximity	62	75
Superfund Proximity	40	59
Underground Storage Tanks (UST)	62	<div><div></div>89</div>
Wastewater Discharge	37	<div><div></div>92</div>

☐ Facility 1-mile Radius ☐ Facility Census Block Group



## 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 2016 - 2020 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	680
Population Density	218/sq.mi.
Housing Units in Area	264

General Statistics (ACS (American Community Survey))	
Total Persons	316
Percent People of Color	90%
Households in Area	96
Households on Public Assistance	0
Persons With Low Income	158
Percent With Low Income	55%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	34.772816
Center Longitude	-79.326733
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	19 (19.59%)
\$15,000 - \$25,000	15 (15.46%)
\$25,000 - \$50,000	27 (27.84%)
\$50,000 - \$75,000	23 (23.71%)
Greater than \$75,000	13 (13.4%)

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	55 (8%)
Minors 17 years and younger	204 (30%)
Adults 18 years and older	477 (70%)
Seniors 65 years and older	52 (8%)

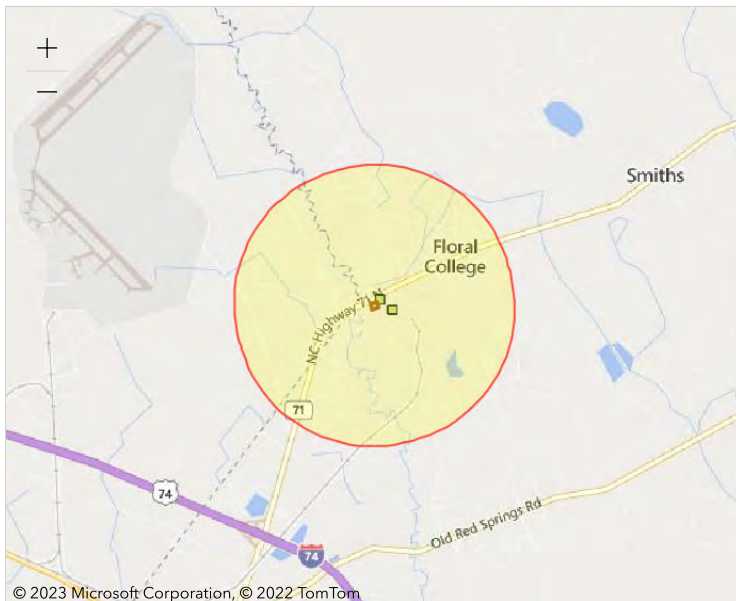
Race Breakdown (U.S. Census) - Persons (%)	
White	51 (8%)
African-American	123 (18%)
Hispanic-Origin	14 (2%)
Asian/Pacific Islander	0 (0%)
American Indian	486 (71%)
Other/Multiracial	21 (3%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	13 (5.91%)
9th through 12th Grade	45 (20.45%)
High School Diploma	86 (39.09%)
Some College/2-year	45 (20.45%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	13 (5.91%)

LAST UPDATED ON SEPTEMBER 21, 2022

[DATA REFRESH INFORMATION](#)





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Powered by Esri (<http://www.esri.com/>)**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:

  **Name**☐ CAMPBELL SOUP SUPPLY COMPANY (MAXTON,NC) (<https://enviro.epa.gov/enviro/efsystemquery.rcrainfo?>

fac\_search=handler\_id&amp;fac\_search\_type=Equal+To&amp;postal\_code=&amp;location\_address=&amp;add\_search\_type=Beginning+With&amp;city\_name=&amp;county\_name=&amp;state\_code=&amp;naics\_type=Equal+to&amp;naics\_to=&amp;univ\_search=0&amp;univA:

**REGISTRY\_ID:** 110018837892**LATITUDE:** 34.773889**LONGITUDE:** -79.328333**PGM\_SYS\_ACRNM:** RCRAINFO**PGM\_SYS\_ID:** NCD097728000**LOCATION\_ADDRESS:** 2120 NC 71 HWY N**CITY\_NAME:** MAXTON**COUNTY\_NAME:** ROBESON**STATE\_CODE:** NC**EPA\_REGION:** Region 4**POSTAL\_CODE:** 28364**FIPS\_CODE:** 37155**HUC\_CODE:**☐ SILGAN CONTAINERS MFG CORPORATION (MAXTON,NC) (<https://enviro.epa.gov/enviro/efsystemquery.rcrainfo?>

fac\_search=handler\_id&amp;fac\_search\_type=Equal+To&amp;postal\_code=&amp;location\_address=&amp;add\_search\_type=Beginning+With&amp;city\_name=&amp;county\_name=&amp;state\_code=&amp;naics\_type=Equal+to&amp;naics\_to=&amp;univ\_search=0&amp;univA:

**REGISTRY\_ID:** 110000350085**LATITUDE:** 34.772816**LONGITUDE:** -79.326733**PGM\_SYS\_ACRNM:** RCRAINFO**PGM\_SYS\_ID:** NCR000009340**LOCATION\_ADDRESS:** 2120 NC HWY 71 N, UNIT A**CITY\_NAME:** MAXTON**COUNTY\_NAME:** ROBESON**STATE\_CODE:** NC**EPA\_REGION:** Region 4**POSTAL\_CODE:** 28364**FIPS\_CODE:** 37155**HUC\_CODE:**



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**Data Disclaimer** <<http://www.epa.gov/wastes/disclaimer2.htm>>

**RCRAInfo Facility Information**

<< Return

<div><b>CAMPBELL SOUP SUPPLY COMPANY</b> Handler ID: NCD097728000 2120 NC 71 HWY N MAXTON, NC 28364  <b>County Name:</b> ROBESON  <b>Latitude:</b> 34.773889 <b>Longitude:</b> -79.328333  <b>Hazardous Waste Generator:</b> Small Quantity Generator  <b>Owner Name:</b> CAMPBELL SOUP</div>		<div><i>*You can navigate within the map with your mouse.</i></div>
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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
OSTERMAN J KEITH	2120 NC 71 HWY N	MAXTON	NC	28364	910- 844- 1202	Public
KEITH OSTERMAN	NC 71 HWY N	MAXTON	NC	28364	910- 844- 1202	Permit

**HANDLER / FACILITY CLASSIFICATION**

Unspecified Universe for the facility listed above.

**HANDLER TYPE**

Small Quantity Generator

**LIST OF PROCESS UNIT INFORMATION FOR GROUP 01**

PROCESS CODE / DESCRIPTION	LEGAL OPERATING STATUS	UNIT OF MEASUREMENT TYPE / DESCRIPTION	CAPACITY TYPE / DESCRIPTION	QUANTITY	CAPACITY	EFFECTIVE DATE
S01 - CONTAINER		G - GALLONS	-	1	20000	17-MAY-84

**LIST OF PROCESS UNIT INFORMATION FOR GROUP 02**

PROCESS CODE / DESCRIPTION	LEGAL OPERATING STATUS	UNIT OF MEASUREMENT TYPE / DESCRIPTION	CAPACITY TYPE / DESCRIPTION	QUANTITY	CAPACITY	EFFECTIVE DATE
S02 - TANK STORAGE		G - GALLONS	-	1	10000	17-MAY-84

**LIST OF PROCESS UNIT INFORMATION FOR GROUP 03**

PROCESS CODE / DESCRIPTION	LEGAL OPERATING STATUS	UNIT OF MEASUREMENT TYPE / DESCRIPTION	CAPACITY TYPE / DESCRIPTION	QUANTITY	CAPACITY	EFFECTIVE DATE
T04 - OTHER TREATMENT		U - GALLONS PER DAY	-	1	7000	17-MAY-84

**LIST OF NAICS CODES AND DESCRIPTIONS**

NAICS CODE	NAICS DESCRIPTION
311711	SEAFOOD CANNING
311422	SPECIALTY CANNING

**LIST OF WASTE CODES AND DESCRIPTIONS**

WASTE CODE	WASTE DESCRIPTION
D001	IGNITABLE WASTE
D002	CORROSIVE WASTE
D008	LEAD
D009	MERCURY
D035	METHYL ETHYL KETONE
U162	2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER (I,T) (OR) METHYL METHACRYLATE (I,T)

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**Total Number of Facilities Retrieved: 1**

**Data Refresh Information** <<https://epa.gov/resources/echo-data/about-the-data#sources>>

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## RCRAInfo Facility Information

<< Return

<b>SILGAN CONTAINERS MFG CORPORATION</b> Handler ID: NCR000009340 2120 NC HWY 71 N, UNIT A MAXTON, NC 28364  <b>County Name:</b> ROBESON  <b>Latitude:</b> 34.772816 <b>Longitude:</b> -79.326733  <b>Hazardous Waste Generator:</b> Large Quantity Generator  <b>Owner Name:</b> SILGAN CONTAINERS MFG CO		<i>*You can navigate within the map with your mouse.</i>
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BIENNIAL REPORT SUMMARY							
REPORT YEAR	GENERATION (Tons)	MANAGEMENT (Tons)	WASTE RECEIVED (Tons)	WASTE SHIPPED (Tons)	INCINERATION (Tons)	DISPOSAL (Tons)	ACUTE GENERATION (Tons)
2019	22.5			24.4			
2017	42.6			45.9			
2015	42.2			14.8			

2013	9.7			9.7			
2011	5.9			5.9			
2009	3.1			3.1			
2007	41.9			41.9			
2005	3.8						
2003	3			7.5			
2001	6.3			6.5			

#### LIST OF FACILITY CONTACTS

NAME	STREET	CITY	STATE	ZIP CODE	PHONE	TYPE OF CONTACT
WITTE MATTHEW	2120 NC HWY 71 N	MAXTON	NC	28364	414-640-3436	Public
MATTHEW WITTE	NC HWY 71 N	MAXTON	NC	28364	414-640-3436	Permit

#### HANDLER / FACILITY CLASSIFICATION

Unspecified Universe for the facility listed above.

HANDLER TYPE
Large Quantity Generator

No PROCESS INFORMATION is available for the facility listed above.

#### LIST OF NAICS CODES AND DESCRIPTIONS

NAICS CODE	NAICS DESCRIPTION
332431	METAL CAN MANUFACTURING

#### LIST OF WASTE CODES AND DESCRIPTIONS

WASTE CODE	WASTE DESCRIPTION
D001	IGNITABLE WASTE
D002	CORROSIVE WASTE
D035	METHYL ETHYL KETONE

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**Total Number of Facilities Retrieved: 1**

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# Detailed Facility Report



## Detailed Facility Report

### Facility Summary

SILGAN CAN COMPANY

2120 NC 71 HWY. N UNIT A, MAXTON, NC 28364

FRS (Facility Registry Service) ID: 110000350085

EPA Region: 04

Latitude: 34.772816

Longitude: -79.326733

Locational Data Source: EIS

Industries: Fabricated Metal Product Manufacturing

Indian Country: N

### Enforcement and Compliance Summary

Statute	CAA
Compliance Monitoring Activities (5 years)	3
Date of Last Compliance Monitoring Activity	08/25/2021
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	1
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	1
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)	2
Date of Last Compliance Monitoring Activity	01/19/2022
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	1
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): Operating Major (NC0000003707800203)  
Clean Water Act (CWA): No Information  
Resource Conservation and Recovery Act (RCRA): Active LQG, (NCR000009340)  
Safe Drinking Water Act (SDWA): No Information  
[Go To Enforcement/Compliance Details](#)  
[Known Data Problems](#)

Other Regulatory Reports

Air Emissions Inventory (EIS): 8009511  
Greenhouse Gas Emissions (eGGRT): No Information  
Toxic Releases (TRI): 28364SLGNC2120N  
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		<a href="#">110000350085</a>					N	34.772816	-79.326733
ICIS-Air	CAA	NC0000003707800203	Major Emissions	Operating	CAASIP, CAATVP		N	34.772816	-79.326733
EIS	CAA	8009511					N	34.772816	-79.326733
TRI	EP313	28364SLGNC2120N	Toxics Release Inventory	Last Reported for 2021			N	34.772816	-79.326733
RCRAInfo	RCRA	NCR000009340	LQG	Active (H )			N	34.776297	-79.324808

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		<a href="#">110000350085</a>	SILGAN CAN COMPANY	2120 NC 71 HWY. N UNIT A, MAXTON, NC 28364	Robeson County
ICIS-Air	CAA	NC0000003707800203	SILGAN CONTAINERS	2120 NC 71 HIGHWAY NORTH, UNIT A, MAXTON, NC 28364	Robeson County
EIS	CAA	8009511	SILGAN CONTAINERS	2120 NC 71 HIGHWAY NORTH, UNIT A, MAXTON, NC 28364	Robeson County
TRI	EP313	28364SLGNC2120N	SILGAN CONTAINERS MANUFACTURING CORP	2120 NC HWY N UNIT A, MAXTON, NC 28364	Robeson County
RCRAInfo	RCRA	NCR000009340	SILGAN CONTAINERS MFG CORPORATION	2120 NC HWY 71 N, UNIT A, MAXTON, NC 28364	Robeson County

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
ICIS-Air	NC0000003707800203	3411	Metal Cans

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
TRI	28364SLGNC2120N	332431	Metal Can Manufacturing
EIS	8009511	332431	Metal Can Manufacturing
ICIS-Air	NC0000003707800203	332431	Metal Can Manufacturing
RCRAInfo	NCR000009340	332431	Metal Can Manufacturing

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)
CAA	NC0000003707800203	ICIS-Air	Inspection/Evaluation	PCE Title V CCR	State	02/28/2023	Reviewed: 03/13/2023 Facility Reported No Deviations
CAA	NC0000003707800203	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	01/20/2023	
CAA	NC0000003707800203	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	01/20/2023	
CAA	NC0000003707800203	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	01/20/2023	
CAA	NC0000003707800203	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	08/05/2022	
CAA	NC0000003707800203	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	07/27/2022	
CAA	NC0000003707800203	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	07/26/2022	
CAA	NC0000003707800203	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	07/26/2022	
CAA	NC0000003707800203	ICIS-Air	Inspection/Evaluation	PCE Title V CCR	State	02/28/2022	Reviewed: 03/23/2022 Facility Reported No Deviations
CAA	NC0000003707800203	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	02/24/2022	
CAA	NC0000003707800203	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	02/24/2022	
CAA	NC0000003707800203	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	02/24/2022	
CAA	NC0000003707800203	ICIS-Air	Inspection/Evaluation	FCE On-Site	State	08/25/2021	
CAA	NC0000003707800203	ICIS-Air	Inspection/Evaluation	PCE Off-Site	State	08/02/2021	



Informal Enforcement Actions

Last 5 Years

Statute	System	Source ID	Type of Action	Lead Agency	Date
CAA	ICIS-Air	NC0000003707800203	Notice of Violation	State	07/08/2022
RCRA	RCRAInfo	NCR000009340	WRITTEN INFORMAL	State	04/08/2020

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

Formal Enforcement Actions

Last 5 Years

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

## Environmental Conditions

### Watersheds

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

### Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	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

[Air Pollutant Report](#)

[TRI Pollution Prevention Report](#)

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
<a href="#">28364SLGNC2120N</a>	2021	23,032	--	0	--	--	23,032	11,082
<a href="#">28364SLGNC2120N</a>	2020	32,293	--	0	--	--	32,293	15,911
<a href="#">28364SLGNC2120N</a>	2019	27,562	--	0	--	--	27,562	10,822
<a href="#">28364SLGNC2120N</a>	2018	25,017	--	0	--	--	25,017	5,844
<a href="#">28364SLGNC2120N</a>	2017	26,749	--	0	--	--	26,749	9,981
<a href="#">28364SLGNC2120N</a>	2016	26,911	--	0	--	--	26,911	16,514
<a href="#">28364SLGNC2120N</a>	2015	26,260	--	0	--	--	26,260	2,591
<a href="#">28364SLGNC2120N</a>	2014	29,836	--	0	--	--	29,836	3,324
<a href="#">28364SLGNC2120N</a>	2013	33,994	--	0	--	--	33,994	2,477
<a href="#">28364SLGNC2120N</a>	2012	27,310	--	0	--	--	27,310	1,376

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

Chemical Name	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012
1,2,4-Trimethylbenzene	--	--	--	830	2,121	--	--	--	--	--
Certain glycol ethers	6,282	10,498	8,999	5,239	12,018	27,787	21,873	25,128	26,902	20,363
Ethylbenzene	2,551	3,069	1,882	1,301	1,141	--	--	--	--	--
Naphthalene	370	569	310	293	269	--	--	--	--	--
Xylene (mixed isomers)	11,771	13,802	9,005	6,747	6,399	2,999	--	--	--	--
n-Butyl alcohol	13,140	20,266	18,188	16,451	14,782	12,639	6,978	8,032	9,569	8,323

## Community

## Environmental Justice

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. 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](#).

### EJScreen Indexes Shown

Compare to ☒ US ☐ State

Index Type ☐ Environmental Justice ☒ Supplemental

### Related Reports

[EJScreen Report](#)

### Download Data

Census Block Group ID: 371559604032	US (Percentile)	
Supplemental Indexes	Facility Census Block Group	1-mile Max
Count of Indexes At or Above 80th Percentile	0	5
Particulate Matter 2.5	26	37
Ozone	55	70
Diesel Particulate Matter	34	56
Air Toxics Cancer Risk	75	91
Air Toxics Respiratory Hazard Index	78	92
Traffic Proximity	11	59
Lead Paint	58	85
Risk Management Plan (RMP) Facility Proximity	69	81
Hazardous Waste Proximity	62	75
Superfund Proximity	40	59
Underground Storage Tanks (UST)	62	89
Wastewater Discharge	37	92

☐ Facility 1-mile Radius ☐ Facility Census Block Group



## 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 2016 - 2020 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	680
Population Density	218/sq.mi.
Housing Units in Area	264

General Statistics (ACS (American Community Survey))	
Total Persons	316
Percent People of Color	90%
Households in Area	96
Households on Public Assistance	0
Persons With Low Income	158
Percent With Low Income	55%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	34.772816
Center Longitude	-79.326733
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)	
Less than \$15,000	19 (19.59%)
\$15,000 - \$25,000	15 (15.46%)
\$25,000 - \$50,000	27 (27.84%)
\$50,000 - \$75,000	23 (23.71%)
Greater than \$75,000	13 (13.4%)

Age Breakdown (U.S. Census) - Persons (%)	
Children 5 years and younger	55 (8%)
Minors 17 years and younger	204 (30%)
Adults 18 years and older	477 (70%)
Seniors 65 years and older	52 (8%)

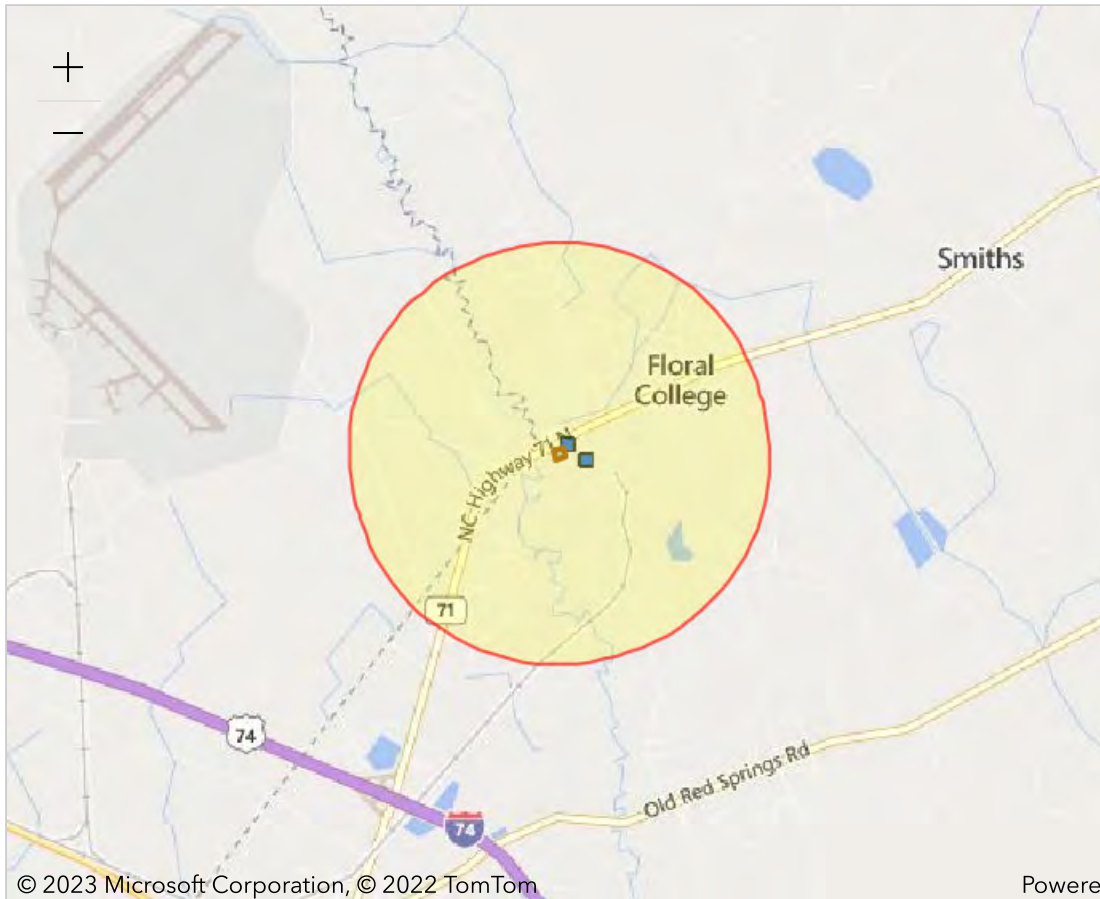
Race Breakdown (U.S. Census) - Persons (%)	
White	51 (8%)
African-American	123 (18%)
Hispanic-Origin	14 (2%)
Asian/Pacific Islander	0 (0%)
American Indian	486 (71%)
Other/Multiracial	21 (3%)

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Persons (%)	
Less than 9th Grade	13 (5.91%)
9th through 12th Grade	45 (20.45%)
High School Diploma	86 (39.09%)
Some College/2-year	45 (20.45%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	13 (5.91%)

LAST UPDATED ON SEPTEMBER 21, 2022

[DATA REFRESH INFORMATION](#)



**Report question: *Within 1 of a Air emissions site? yes***

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

meters ▼

**Name****Distance**☐ SILGAN CONTAINERS (MAXTON,NC) ([https://enviro.epa.gov/enviro/airsquery.detail\\_plt\\_view?](https://enviro.epa.gov/enviro/airsquery.detail_plt_view?)

0.10 mile

p\_id=NC0000003707800203)

**REGISTRY\_ID:** 110000350085**LATITUDE:** 34.772816**LONGITUDE:** -79.326733**PGM\_SYS\_ACRNM:** AIR**PGM\_SYS\_ID:** NC0000003707800203**LOCATION\_ADDRESS:** 2120 NC 71 HIGHWAY NORTH, UNIT A**CITY\_NAME:** MAXTON**COUNTY\_NAME:****STATE\_CODE:** NC**EPA\_REGION:** Region 4**POSTAL\_CODE:** 28364**FIPS\_CODE:** NC155**HUC\_CODE:**



Name	Distance
<div data-bbox="115 117 1240 149"> <input type="checkbox"/> CAMPBELL SOUP SUPPLY COMPANY (MAXTON,NC) (<a href="https://enviro.epa.gov/enviro/airsquery.detail_plt_view?p_id=NC0000003707800159">https://enviro.epa.gov/enviro/airsquery.detail_plt_view?p_id=NC0000003707800159</a>) </div> <div data-bbox="115 180 440 207"> <b>REGISTRY_ID:</b> 110018837892 </div> <div data-bbox="115 212 350 237"> <b>LATITUDE:</b> 34.773889 </div> <div data-bbox="115 241 381 266"> <b>LONGITUDE:</b> -79.328333 </div> <div data-bbox="115 270 368 296"> <b>PGM_SYS_ACRNM:</b> AIR </div> <div data-bbox="115 300 509 325"> <b>PGM_SYS_ID:</b> NC0000003707800159 </div> <div data-bbox="115 329 633 354"> <b>LOCATION_ADDRESS:</b> 2120 HIGHWAY 71 NORTH </div> <div data-bbox="115 359 349 384"> <b>CITY_NAME:</b> MAXTON </div> <div data-bbox="115 388 295 413"> <b>COUNTY_NAME:</b> </div> <div data-bbox="115 417 306 443"> <b>STATE_CODE:</b> NC </div> <div data-bbox="115 447 365 472"> <b>EPA_REGION:</b> Region 4 </div> <div data-bbox="115 476 357 501"> <b>POSTAL_CODE:</b> 28364 </div> <div data-bbox="115 506 326 531"> <b>FIPS_CODE:</b> NC155 </div> <div data-bbox="115 535 246 560"> <b>HUC_CODE:</b> </div>	0.03 mile

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### Plant Information

<b>CAMPBELL SOUP SUPPLY COMPANY</b> 2120 HIGHWAY 71 NORTH MAXTON, NC 28364		
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<b>Operating Status Code</b>	OPR	<b>Operating Status Desc.</b>	Operating
<b>Facility ID</b>	NC0000003707800159	<b>State Registration Number</b>	
<b>Facility Type Code</b>	POF	<b>Facility Type Desc.</b>	Privately Owned Facility
<b>Government Facility Code</b>		<b>Government Facility Description</b>	

NAICS Information		SIC Information	
<b>NAICS Code</b>	<b>NAICS Description</b>	<b>SIC Code</b>	<b>SIC Description</b>
311422	Specialty Canning	2032	Canned Specialties

### Air Program Information

<b>Program Code</b>	<b>Program Description</b>	<b>Operating Status</b>	<b>Subpart Code</b>	<b>Subpart Description</b>
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Program Code	Program Description	Operating Status	Subpart Code	Subpart Description
CAAGACTM	40 CFR Part 63 Area Sources	Operating	CAAGACTM6J	40 CFR Part 63 Area Sources - Subpart JJJJJJ - INDUSTRIAL, COMMERCIAL, AND INSTITUTIONAL BOILERS AREA SOURCES
CAAMACT	MACT Standards (40 CFR Part 63)	Operating	CAAMACTZZZ	MACT Part 63 - Subpart ZZZZ - STATIONARY RECIPROCATING INTERNAL COMBUSTION ENGINES (RICE)
CAAMACT	MACT Standards (40 CFR Part 63)	Operating	CAAMACTA	MACT Part 63 - Subpart A - GENERAL PROVISIONS
CAANSPS	New Source Performance Standards	Operating	CAANSPSJPA	NSPS Part 60 - Subpart Ja - PETROLEUM REFINERIES CONSTRUCT, RECONSTRUCT, MOD AFTER 05/14/2007
CAANSPS	New Source Performance Standards	Operating	CAANSPSIIII	NSPS Part 60 - Subpart IIII - STATIONARY COMPRESSION IGNITION INTERNAL COMBUSTION ENGINES
CAANSPS	New Source Performance Standards	Operating	CAANSPSDPB	NSPS Part 60 - Subpart Db - INDUS-COMMERC-INSTITUTL STEAM GENERATING UNITS
CAANSPS	New Source Performance Standards	Operating	CAANSPSA	NSPS Part 60 - Subpart A - GENERAL PROVISIONS
CAANSPS	New Source Performance Standards	Operating	CAANSPSDPC	NSPS Part 60 - Subpart Dc - SMALL INDUS-COMMER-INSTITUTL STEAM GENERATING UNITS
CAASIP	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards	Operating		
CAATVP	Title V Permits	Operating		

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#### Air Pollutant Information

Pollutant Code	Pollutant Description	Chemical Abstract Service (CAS) Number	SRS ID	AIR Pollutant Class Code	AIR Pollutant Class Description
10193	Carbon monoxide	630080	65052	MIN	Minor Emissions
300000236	VISIBLE EMISSIONS		1647650	MIN	Minor Emissions

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Pollutant Code	Pollutant Description	Chemical Abstract Service (CAS) Number	SRS ID	AIR Pollutant Class Code	AIR Pollutant Class Description
300000243	VOLATILE ORGANIC COMPOUNDS (VOCS)		761346	MIN	Minor Emissions
300000329	FACIL			MIN	Minor Emissions
300000319	PARTICULATE MATTER < 10 UM		1647619	MIN	Minor Emissions
10461	Sulfur dioxide	7446095	150367	MAJ	Major Emissions
300000322	TOTAL PARTICULATE MATTER		1647643	MIN	Minor Emissions
300000005	NITROGEN OXIDES NO2	10102440	167924	MAJ	Major Emissions
300000242	TOTAL HAZARDOUS AIR POLLUTANTS (HAPS)		761502	MIN	Minor Emissions

#### Air Compliance Monitoring Information

State/EPA Flag	Activity Type	Activity Type Description	Compliance Monitor Type	Compliance Monitor Type Description	End Date	Program Code
S	INS	Inspection/Evaluation	FOO	FCE On-Site	25-AUG-21	CAAGACTM,CAAMACT,CAANSPS,CAAS
S	INS	Inspection/Evaluation	FOO	FCE On-Site	15-JAN-20	CAAGACTM,CAAMACT,CAANSPS,CAAS
S	INS	Inspection/Evaluation	FOO	FCE On-Site	12-FEB-19	CAAGACTM,CAAMACT,CAANSPS,CAAS
S	INS	Inspection/Evaluation	FOO	FCE On-Site	04-APR-18	CAAGACTM,CAAMACT,CAANSPS,CAAS
S	INS	Inspection/Evaluation	FOO	FCE On-Site	02-MAR-17	CAAGACTM,CAAMACT,CAASIP,CAATVP
S	INS	Inspection/Evaluation	FOO	FCE On-Site	14-APR-16	CAAGACTM,CAAMACT,CAASIP,CAATVP

State/EPA Flag	Activity Type	Activity Type Description	Compliance Monitor Type	Compliance Monitor Type Description	End Date	Program Code
S	INS	Inspection/Evaluation	FOO	FCE On-Site	08-JUL-15	CAAGACTM,CAAMACT,CAASIP,CAATVP
S	INS	Inspection/Evaluation	FOO	FCE On-Site	24-JUL-14	CAAGACTM,CAAMACT,CAASIP,CAATVP
S	INS	Inspection/Evaluation	FOO	FCE On-Site	10-APR-13	CAAGACTM,CAAMACT,CAASIP,CAATVP
S	INS	Inspection/Evaluation	FOO	FCE On-Site	02-MAY-12	CAAGACTM,CAAMACT,CAASIP,CAATVP
S	INS	Inspection/Evaluation	FOO	FCE On-Site	13-APR-11	CAASIP,CAATVP
S	INS	Inspection/Evaluation	FOO	FCE On-Site	17-JUN-10	CAASIP,CAATVP
S	INS	Inspection/Evaluation	FOO	FCE On-Site	02-APR-09	CAASIP,CAATVP
S	INS	Inspection/Evaluation	FOO	FCE On-Site	16-JAN-08	CAATVP
S	INS	Inspection/Evaluation	FOO	FCE On-Site	22-NOV-06	CAATVP
S	INS	Inspection/Evaluation	FOO	FCE On-Site	19-SEP-06	CAATVP
S	INS	Inspection/Evaluation	FOO	FCE On-Site	10-FEB-05	CAATVP
S	INS	Inspection/Evaluation	FOO	FCE On-Site	17-AUG-04	CAATVP
S	INS	Inspection/Evaluation	FOO	FCE On-Site	09-SEP-03	CAATVP

<b>State/EPA Flag</b>	<b>Activity Type</b>	<b>Activity Type Description</b>	<b>Compliance Monitor Type</b>	<b>Compliance Monitor Type Description</b>	<b>End Date</b>	<b>Program Code</b>
S	INS	Inspection/Evaluation	PCE	PCE On-Site	09-SEP-03	CAATVP
S	INS	Inspection/Evaluation	FOO	FCE On-Site	07-AUG-02	CAATVP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	14-SEP-01	CAATVP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	07-SEP-00	CAATVP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	24-SEP-99	CAATVP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	29-SEP-98	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	10-MAR-96	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	14-FEB-95	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	26-SEP-89	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	25-JUL-88	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	08-JAN-87	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	19-JUN-86	CAASIP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	15-NOV-85	CAASIP

**Formal Enforcement Information**

State/EPA Flag	Activity Type	Activity Type Description	Enforcement Identifier	Enforcement Type Code	Total Penalty Assessed	Settlement Entered Date
S	AFR	Administrative - Formal	NC000A00003707800159	SCAAAO		31-MAY-22

**Informal Enforcement Information**

State/EPA Flag	Activity Type	Activity Type Description	Enforcement Identifier	Enforcement Type Code	Total Penalty Assessed	End Date
S	AIF	Administrative - Informal	NC000A00003707800159	NOV		21-MAR-22
S	AIF	Administrative - Informal	NC000A00003707800159	NOV		29-OCT-20
S	AIF	Administrative - Informal	NC000A00003707800159	NOV		07-MAY-20
S	AIF	Administrative - Informal	NC000A00003715500159	NOV		25-SEP-07
S	AIF	Administrative - Informal	NC000A00003715500159	NOV		10-SEP-02

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**Title V Annual Compliance Certificate (TVACC) Information**

State/EPA Flag	Receipt Date	Reviewed Date	Deviation Flag
S	21-JAN-02	22-JAN-02	
S	27-JAN-03	28-JAN-03	
S	28-JAN-04	29-JAN-04	
S	29-JAN-05	30-JAN-05	
S	29-JAN-06	30-JAN-06	
S	28-FEB-07	01-MAR-07	
S	30-JAN-08	31-JAN-08	

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State/EPA Flag	Receipt Date	Reviewed Date	Deviation Flag
S	20-FEB-14	25-MAR-14	N
S	16-FEB-11	30-MAR-11	N
S	13-JAN-15	11-MAR-15	N
S	16-FEB-12	25-MAR-12	N
S	20-FEB-18	10-APR-18	N
S	15-FEB-13	18-MAR-13	N
S	08-FEB-16	23-FEB-16	N
S	22-FEB-19	06-MAR-19	N
S	11-FEB-10	17-FEB-10	N
S	23-JAN-09	05-FEB-09	N
S	15-FEB-17	27-MAR-17	N
S	21-FEB-20	24-MAR-20	N
S	22-FEB-21	22-MAR-21	N
S	28-FEB-22	02-MAY-22	N

---

#### Air Stack Test Information

State/EPA Flag	Actual Date	Reviewed Date	Test Status Code	Test Status Desc
S	30-DEC-19		PSS	Pass

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Plant Information

<b>SILGAN CONTAINERS</b> 2120 NC 71 HIGHWAY NORTH, UNIT A MAXTON, NC 28364		
---	--	--

<b>Operating Status Code</b>	OPR	<b>Operating Status Desc.</b>	Operating
<b>Facility ID</b>	NC0000003707800203	<b>State Registration Number</b>	
<b>Facility Type Code</b>	POF	<b>Facility Type Desc.</b>	Privately Owned Facility
<b>Government Facility Code</b>		<b>Government Facility Description</b>	

NAICS Information		SIC Information	
<b>NAICS Code</b>	<b>NAICS Description</b>	<b>SIC Code</b>	<b>SIC Description</b>
332431	Metal Can Manufacturing	3411	Metal Cans

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### Air Program Information

Program Code	Program Description	Operating Status	Subpart Code	Subpart Description
CAASIP	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards	Operating		
CAATVP	Title V Permits	Operating		

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### Air Pollutant Information

Pollutant Code	Pollutant Description	Chemical Abstract Service (CAS) Number	SRS ID	AIR Pollutant Class Code	AIR Pollutant Class Description
300000207	Formaldehyde	50000	1008	MIN	Minor Emissions
10461	Sulfur dioxide	7446095	150367	MIN	Minor Emissions
300000242	TOTAL HAZARDOUS AIR POLLUTANTS (HAPS)		761502	SMI	Synthetic Minor Emissions
300000236	VISIBLE EMISSIONS		1647650	MIN	Minor Emissions
300000329	FACIL			MIN	Minor Emissions
300000243	VOLATILE ORGANIC COMPOUNDS (VOCs)		761346	MAJ	Major Emissions
300000322	TOTAL PARTICULATE MATTER		1647643	MIN	Minor Emissions

---

### Air Compliance Monitoring Information

State/EPA Flag	Activity Type	Activity Type Description	Compliance Monitor Type	Compliance Monitor Type Description	End Date	Program Code
S	INS	Inspection/Evaluation	FOO	FCE On-Site	25-AUG-21	CAASIP,CAATVP
S	INS	Inspection/Evaluation	FOO	FCE On-Site	11-DEC-19	CAASIP,CAATVP
S	INS	Inspection/Evaluation	FOO	FCE On-Site	13-MAR-19	CAASIP,CAATVP
S	INS	Inspection/Evaluation	FOO	FCE On-Site	31-JAN-18	CAASIP,CAATVP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	01-JUN-17	CAASIP,CAATVP
S	INS	Inspection/Evaluation	FOO	FCE On-Site	01-DEC-16	CAASIP,CAATVP
S	INS	Inspection/Evaluation	FOO	FCE On-Site	21-JAN-16	CAASIP,CAATVP
S	INS	Inspection/Evaluation	FOO	FCE On-Site	16-APR-15	CAASIP,CAATVP
S	INS	Inspection/Evaluation	FOO	FCE On-Site	27-FEB-14	CAASIP,CAATVP
S	INS	Inspection/Evaluation	FOO	FCE On-Site	07-FEB-13	CAASIP,CAATVP

<b>State/EPA Flag</b>	<b>Activity Type</b>	<b>Activity Type Description</b>	<b>Compliance Monitor Type</b>	<b>Compliance Monitor Type Description</b>	<b>End Date</b>	<b>Program Code</b>
S	INS	Inspection/Evaluation	FOO	FCE On-Site	11-JAN-12	CAASIP,CAATVP
S	INS	Inspection/Evaluation	FOO	FCE On-Site	14-JUL-11	CAASIP,CAATVP
S	INS	Inspection/Evaluation	FOO	FCE On-Site	21-JUL-10	CAASIP,CAATVP
S	INS	Inspection/Evaluation	FOO	FCE On-Site	12-AUG-09	CAASIP,CAATVP
S	INS	Inspection/Evaluation	FOO	FCE On-Site	16-JUL-08	CAATVP
S	INS	Inspection/Evaluation	FOO	FCE On-Site	12-JUL-07	CAATVP
S	INS	Inspection/Evaluation	FOO	FCE On-Site	22-AUG-06	CAATVP
S	INS	Inspection/Evaluation	FOO	FCE On-Site	22-SEP-05	CAATVP
S	INS	Inspection/Evaluation	FOO	FCE On-Site	05-MAY-04	CAATVP
S	INS	Inspection/Evaluation	FOO	FCE On-Site	05-SEP-03	CAATVP
S	INS	Inspection/Evaluation	FOO	FCE On-Site	23-SEP-02	CAATVP

State/EPA Flag	Activity Type	Activity Type Description	Compliance Monitor Type	Compliance Monitor Type Description	End Date	Program Code
S	INS	Inspection/Evaluation	PCE	PCE On-Site	18-JUL-01	CAATVP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	18-FEB-00	CAATVP
S	INS	Inspection/Evaluation	PCE	PCE On-Site	24-SEP-99	CAATVP

#### Formal Enforcement Information

State/EPA Flag	Activity Type	Activity Type Description	Enforcement Identifier	Enforcement Type Code	Total Penalty Assessed	Settlement Entered Date
E	JDC	Judicial	HQ-2006-6006	CIV		02-AUG-10

#### Informal Enforcement Information

State/EPA Flag	Activity Type	Activity Type Description	Enforcement Identifier	Enforcement Type Code	Total Penalty Assessed	End Date
S	AIF	Administrative - Informal	NC000A00003707800203	NOV		08-JUL-22
S	AIF	Administrative - Informal	NC000A00003715500203	NOV		20-FEB-04

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#### Title V Annual Compliance Certificate (TVACC) Information

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State/EPA Flag	Receipt Date	Reviewed Date	Deviation Flag
S	27-FEB-15	11-MAR-15	N
S	25-FEB-10	12-MAR-10	N
S	10-JAN-02	11-JAN-02	
S	14-JAN-03	15-JAN-03	
S	29-JAN-04	30-JAN-04	
S	29-JAN-05	30-JAN-05	
S	29-JAN-06	30-JAN-06	
S	25-FEB-07	26-FEB-07	
S	21-FEB-08	22-FEB-08	
S	14-JAN-13	18-MAR-13	N
S	19-FEB-14	24-MAR-14	N
S	18-FEB-09	05-MAR-09	N
S	01-MAR-12	15-MAR-12	N
S	25-FEB-11	30-MAR-11	N
S	29-FEB-16	01-MAR-16	N
S	06-FEB-19	08-MAR-19	N
S	01-MAR-18	24-APR-18	N
S	21-FEB-17	11-APR-17	N
S	11-FEB-20	17-MAR-20	N
S	01-FEB-21	15-APR-21	N
S	28-FEB-22	23-MAR-22	N

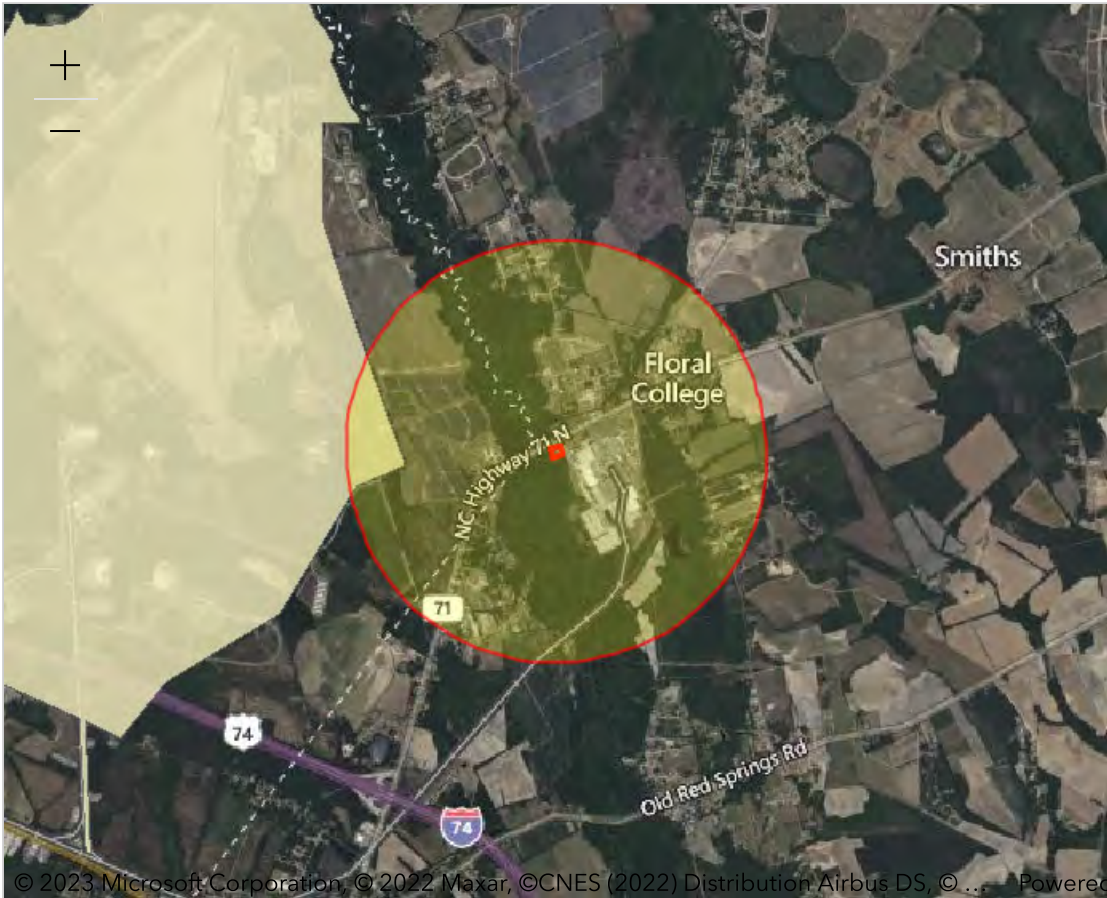
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#### Air Stack Test Information

State/EPA Flag	Actual Date	Reviewed Date	Test Status Code	Test Status Desc
S	19-FEB-08		NA	N/A

State/EPA Flag	Actual Date	Reviewed Date	Test Status Code	Test Status Desc
S	03-MAY-04	03-MAY-04	NA	N/A
S	19-FEB-08		PSS	Pass
S	19-FEB-08		PSS	Pass
S	29-JUL-15		PSS	Pass
S	03-AUG-11		PSS	Pass
S	11-SEP-20		PSS	Pass

**Data Refresh Information** <<https://epa.gov/resources/echo-data/about-the-data#sources>>



Report question: *Within 1 mile of a Public Property Boundary of the Formerly Used Defense Sites?*    **yes**

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

1

miles

▼

Submit

Features within Study Area

Features found: 1

Name

Distance



**Name**☐ LAURINBURG-MAXTON AB**Distance**

0.71 mile

**CLOSESTCIT:** LAURINBURG**CONGRESSIO:** 08**COUNTY:** SCOTLAND**CURRENTOWN:** Local Government**DODFUDSPRO:****ELIGIBILIT:** Eligible**EMSMGMTACT:** <https://fudsportal.usace.army.mil/ems/inventory/map?id=56381>**EPAREGION:** 04**FEATUREDES:****FEATURENAM:** LAURINBURG-MAXTON AB**FUDSINSTAL:** NC49799F482900**FUDSUNIQUE:** I04NC0019**HASPROJECT:** Yes**LATITUDE:** 34.78666667**LONGITUDE:** -79.36194444**MEDIAID:****METADATAID:****NOFURTHERA:****PROJECTREQ:****SDSID:****SITEELIGIB:** Eligible**STATE:** nc**STATUS:** Properties with projects**STATUSCODE:** Not Listed**USACEDISTR:** sas**FISCALYEAR:** 2020**USACEDIVIS:** sad

**PROPERTYHI:** The site was used as a glider base and training site. Since WW II the site has been used as a local airport and industrial park. This property is known or suspected to contain military munitions and explosives of concern and therefore may present an expl

**Shape\_\_Are:** 0.001981524215807**Shape\_\_Len:** 0.269975387359066**Shape\_\_Length:** 0.269975390023538**Shape\_Area:** 0.001981524200140525

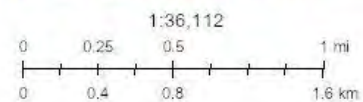
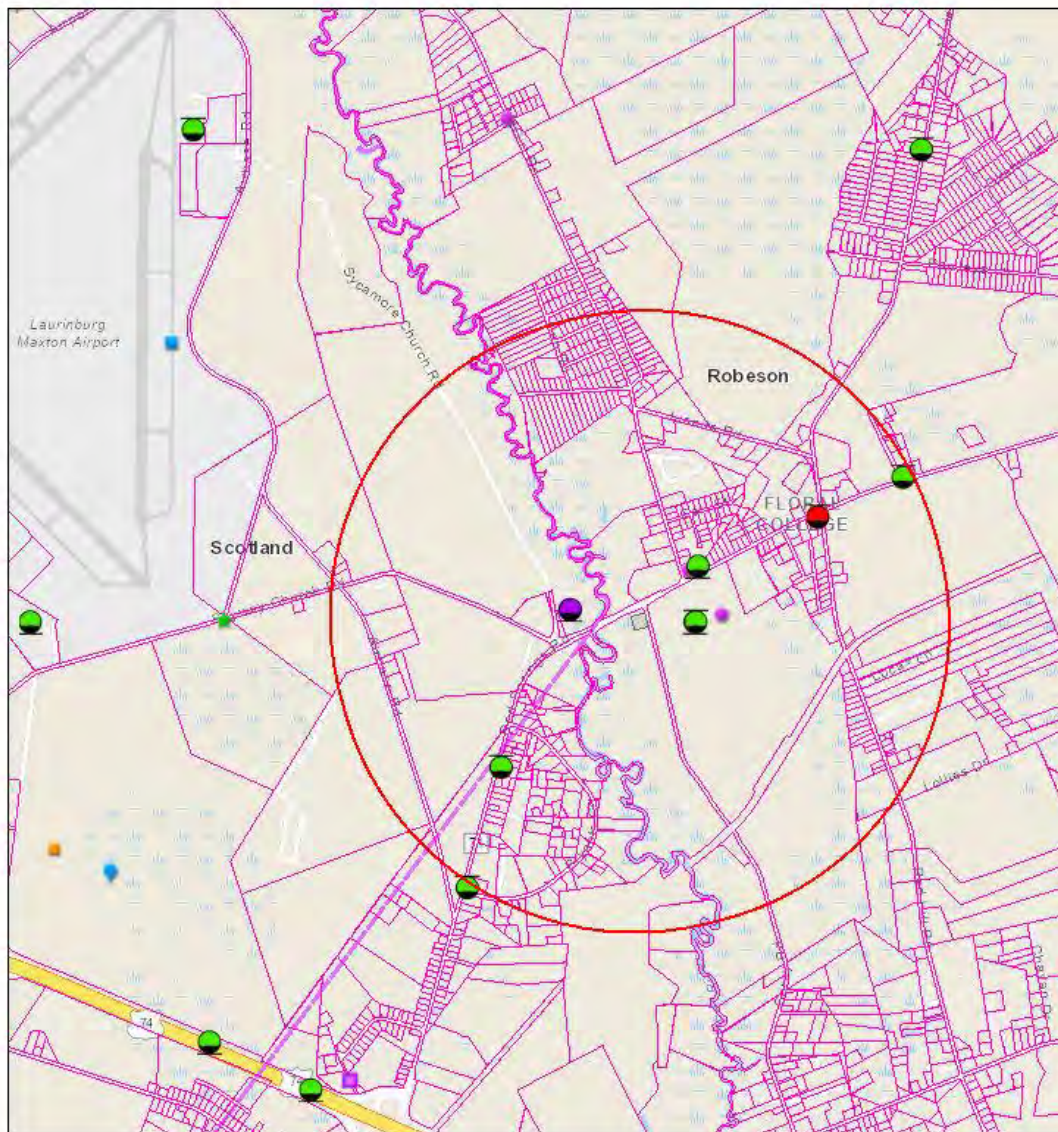


# Screening Report - Maxton SLS No. 11, 2074 NC Hwy 71N 1-mile

## Area of Interest (AOI) Information

Area : 92,874,834.88 ft<sup>2</sup>

Jan 30 2023 17:20:31 Eastern Standard Time



NCDOT GIS Unit, State of North Carolina DOT, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc., METANASA, USGS, EPA, NPS, US Census Bureau, USDA

## UST Incidents

#	IncidentNumber	IncidentName	Count
1	5099	THE CORNER STORE	1
2	9897	SAM BRYANT PROPERTY (former DIALS GROCERY)	1
3	12061	MCGIRT STORE	1
4	No Data	CAMPBELL SOUP COMPANY	1

## Non-UST Incidents

#	IncidentNumber	IncidentName	Count
1	90087	LINKAMERICA EXPRESS SPILL	1
2	90237	CAMPBELL SOUP PLANT	1
3	No Data	Mountaire Farms Feed Truck	1

## UST Active Facilities

#	FACILID	FACILNAME	Count
1	00-0-0000018613	CAMPBELL SOUP COMPANY	1
2	00-0-0000031119	C & P MINI MART	1



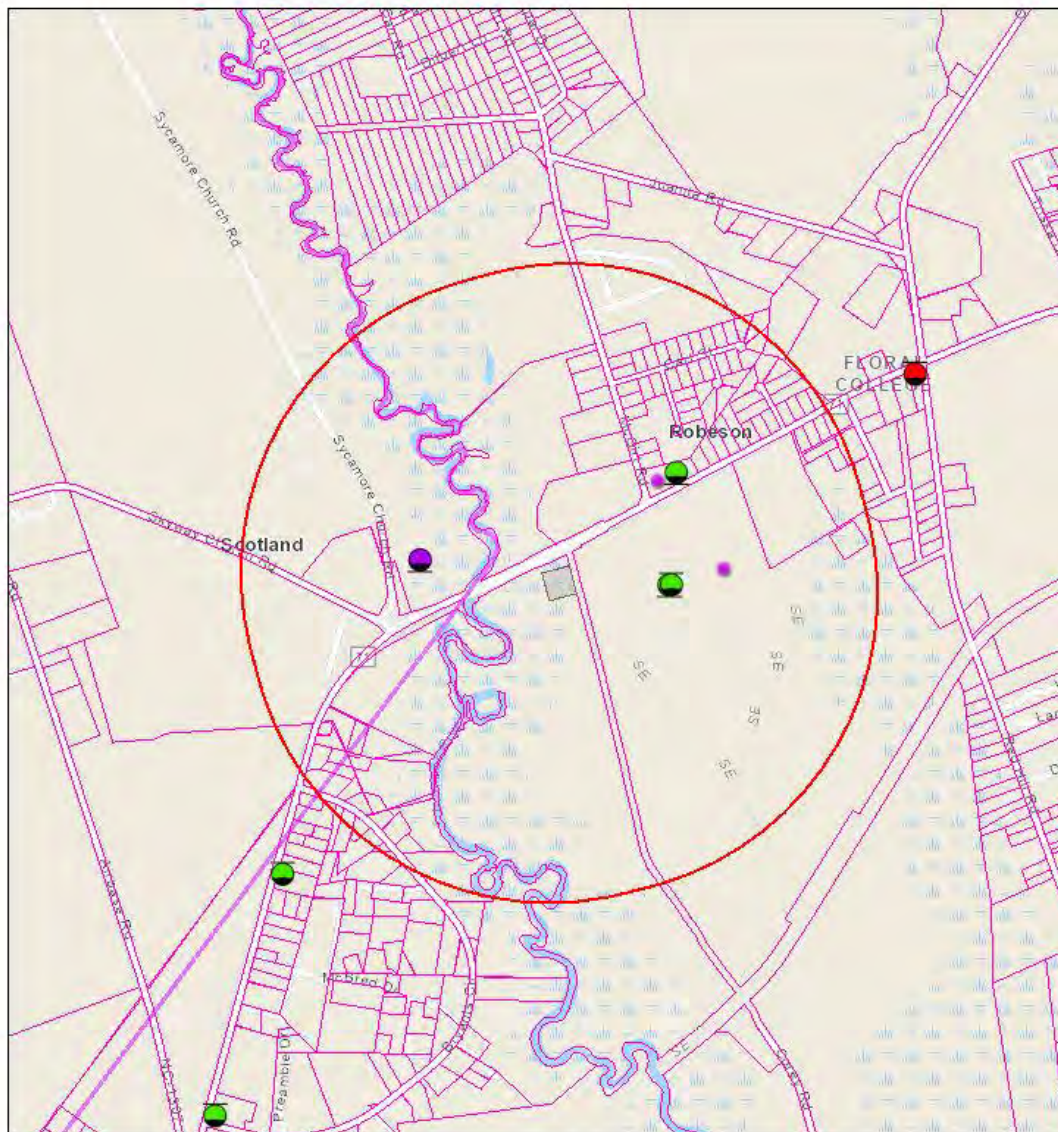


# Screening Report - Maxton SLS No. 11, 2074 NC Hwy 71N 0.5-mile

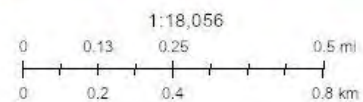
## Area of Interest (AOI) Information

Area : 24,575,557.09 ft<sup>2</sup>

Jan 30 2023 17:21:50 Eastern Standard Time



- |                   |                              |
|-------------------|------------------------------|
| UST Incidents     | Unknown Risk                 |
| High Risk         | UST Active Facilities        |
| Low Risk          | Parcels (Polygons) - Parcels |
| Non-UST Incidents | County Boundary              |
| Low Risk          |                              |



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

## UST Incidents

#	IncidentNumber	IncidentName	Count
1	No Data	CAMPBELL SOUP COMPANY	1

## Non-UST Incidents

#	IncidentNumber	IncidentName	Count
1	90087	LINKAMERICA EXPRESS SPILL	1
2	90237	CAMPBELL SOUP PLANT	1
3	No Data	Mountaire Farms Feed Truck	1

## UST Active Facilities

#	FACILID	FACILNAME	Count
1	00-0-0000018613	CAMPBELL SOUP COMPANY	1
2	00-0-0000031119	C & P MINI MART	1



NORTH CAROLINA  
Environmental Quality

ROY COOPER  
Governor

MICHAEL S. REGAN  
Secretary

MICHAEL SCOTT  
Director

February 1, 2021

Bobby Tilson  
P.O. Box 411  
Maxton, NC 28364

RE: Water Supply Well Sampling Results  
70 Oxendine Road  
Maxton, Robeson County, NC

Dear Mr. Tilson:

A groundwater sampling event for incident #5099 (Corner Store) was conducted on January 12, 2021. As part of this sampling event, a water sample was collected from your water supply well (PSW-3). The analytical data from this sample indicated the presence of three contaminants in the groundwater above laboratory detection levels.

Bromodichloroethane	2.5 µg/L	Drinking Water Standard is 80 ug/L
Chlorodibromomethane	1.2 µg/L	Drinking Water Standard is 80 ug/L
Chloroform	7.7 µg/L	Drinking Water Standard is 80 ug/L

Based on these data a Health Risk Evaluation was performed and **no restrictions** on the use of this water are recommended at this time.

Although none of the contaminant levels exceed the applicable regulatory values, the level of bromodichloroethane and chlorodibromomethane in this well exceeds 0.6 µg/L and 0.5 µg/L, respectively, the values recommended by the North Carolina Department of Health and Human Services (DHHS). The well user may want to contact the Private Well and Health program at (919) 707- 5900 for more information

If you have any questions, please contact me at [Thomas.chapman@ncdenr.gov](mailto:Thomas.chapman@ncdenr.gov) (preferred) or (919) 707- 8263.

Sincerely,

Thomas Chapman, Hydrogeologist  
Underground Storage Tank Section  
Division of Waste Management, NCDEQ



Attachments: FA-108\_5099\_CA\_HRE\_20210201\_HRE Results Tilson  
FA-108\_5099\_CA\_LAB\_20210129\_PSW-3

C: William Smith, Health Director, Robeson County, via email  
Kellie Blue, Caswell County Manager, via email



# SUBSEQUENT MONITORING REPORT

Corner Store (Incident #5099)

2640 N NC Highway 71

Maxton, Robeson County, North Carolina

August 14, 2019

Terracon Project No. 70149611A



**Prepared for:**

North Carolina Department of Environmental Quality  
Division of Waste Management  
Raleigh, North Carolina

**Prepared by:**

Terracon Consultants, Inc.  
Raleigh, North Carolina

[terracon.com](http://terracon.com)

**Terracon**

Environmental



Facilities



Geotechnical



Materials





August 14, 2019

Mr. Mark Petermann  
North Carolina Department of Environmental Quality  
Division of Waste Management  
1646 Mail Service Center  
Raleigh, North Carolina 27699-1646  
Email: [mark.petermann@ncdenr.gov](mailto:mark.petermann@ncdenr.gov)

**Re: Subsequent Monitoring Report  
Corner Store  
2640 N NC Highway 71  
Maxton, Roberson County, North Carolina  
UST Number: FA-108  
UST Incident Number: 5099  
Terracon Project No. 70149611A**

Dear Mr. Petermann:

Terracon Consultants, Inc. (Terracon) is pleased to submit this Subsequent Monitoring Report for the above referenced property. This report has been prepared in general accordance with North Carolina Department of Environmental Quality (NCDEQ), UST Section *Guidelines for Assessment and Corrective Action for UST Releases*, dated July 15, 2008, revised December 2013 and Task Authorization No. 03, approved on Jun 18, 2019.

If you have any questions regarding this report or the assessment activities, please contact us at 919-873-2211.

Sincerely,  
**Terracon Consultants, Inc.**

William O. Frazier, PG  
Staff Geologist

Michael T. Jordan, PG, RSM  
Senior Geologist

FOR: Justin L. Fabriziani  
Senior Scientist

Enclosures

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### FIGURES

Figure 1: Site Location Map

Figure 2: Site Plan

Figure 3: Water Supply Well Location Map

Figure 4: Shallow Groundwater Elevation Map (July 2019)

Figure 5: Intermediate Groudwnwater Elevation Map (July 2019)

Figure 6: Groundwater Analytical Results Map (July 2019)

### TABLES

Table 1: Conceptual Site Model

Table 2: Water Supply Well Information

Table 3: Monitoring Well Construction Information and Groundwater Elevations

Table 4: Summary of Groundwater Analytical Results

Table 5: Summary of Soil Vapor Analytical Results

### APPENDICES

Appendix A: Field Notes

Appendix B: Laboratory Analytical Results and Chain of Custody Forms

## SUBSEQUENT MONITORING REPORT

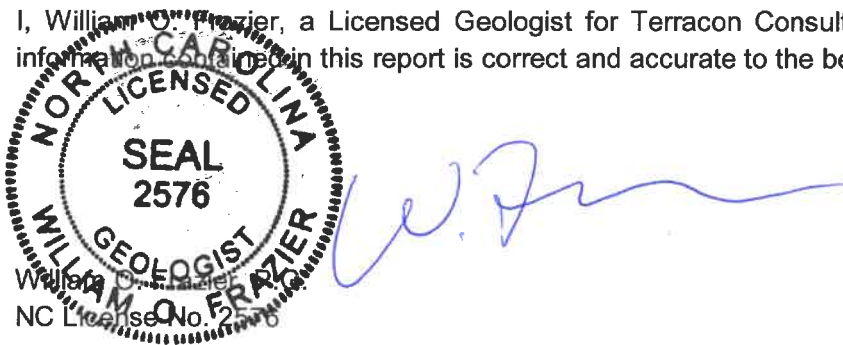
### A. SITE INFORMATION

**Date of Report:** August 14, 2019  
**UST No:** FA-108  
**NCDEQ Incident No:** 5099  
**Facility ID:** Unknown  
**Site Name:** Corner Store  
**Site Location:** 2640 N NC 71 Hwy  
Maxton, North Carolina 28352  
  
**Latitude:** N 34.778281  
**Longitude:** W 79.318615  
  
**UST Owner/Operator:** Unknown  
  
**Current Property Owner:** Robert and Betty Thomas  
In care of William Stewart Thomas  
13291 Wesleyan Drive  
Laurinburg, North Carolina 28352  
(910) 610-3320/(910) 276-5247  
  
**Current Property Occupant:** Residential - rental property  
  
**Consultant:** Terracon Consultants, Inc. (Contact: Mr. Will Frazier)  
2401 Brentwood Road  
Raleigh, North Carolina 27604  
(919) 873-2211  
  
**Release Information:** Release Discovery Date: 1992  
Estimated Quantity: Unknown  
Cause of Release: Underground Storage Tank (UST) System  
including five USTs.

Corner Store  
Maxton, North Carolina  
Terracon Project No. 70149611A  
Incident No. 5099  
August 14, 2019



I, William O. Frazier, a Licensed Geologist for Terracon Consultants, Inc., do certify that the information contained in this report is correct and accurate to the best of my knowledge.



Terracon Consultants, Inc. is licensed to practice geology and engineering in North Carolina. The certification numbers of the corporation are C-367 and F-0869, respectively.

## B. EXECUTIVE SUMMARY

The Corner Store site was previously occupied by a convenience store that operated the following USTs:

- one UST of unknown contents and size removed from the site in 1988;
- one 1,000-gallon UST of unknown contents removed in 1989;
- one 1,000-gallon UST of unknown contents removed in 1992; and
- two 1,000-gallon gasoline USTs removed in 1992.

The installation dates of the former on-site USTs were not available. During the removal of three USTs in 1992, evidence of a release was discovered in the soils and groundwater beneath the tanks. Soil and groundwater sampling between 1992 and 2015 detected concentrations of petroleum compounds above their respective NCAC 2L groundwater quality standards (2L standards).

At the direction of NCDEQ, Terracon mobilized to the site on July 1, 2019 and July 8, 2019 to collect samples from 13 monitoring wells and three water supply wells. Terracon attempted to collect a sample from MW-15s; however, the monitoring well could not be located due to a large quantity of scattered debris and garbage. Terracon also installed three shallow soil vapor sample points around the on-site residence.

Based on the information obtained during the completion of the groundwater monitoring activities, Terracon provides the following conclusions and findings:

- Benzene and naphthalene were detected at concentrations above their respective 2L standards in MW-15i. Exceedances of 2L standards were not reported in the other monitoring wells sampled.
- GCL exceedances were not identified in the sampled on-site monitoring wells. GCL exceedances have not been detected on-site since January 1993.

- Measurable thicknesses of free product were not observed in the on-site monitoring wells. Free product thicknesses have not historically been measured at the site.
- The horizontal extent of the plume has not been defined to the north and southwest of the source area.
- Depths to groundwater in the measured shallow monitoring wells ranged from 19.46 to 27.29 feet below top of casing (bTOC), depths to groundwater in the intermediate depth monitoring wells ranged from 22.56 to 29.35 feet bTOC, and the depth to groundwater in deep monitoring well MW-6d was measured at 26.09 feet bTOC. The estimated groundwater flow direction within the shallow aquifer is toward the northwest. The estimated groundwater flow direction within the intermediate aquifer is toward the southwest or east.
- Bromodichloromethane and dibromochloromethane were detected above their 2L standards in water supply well PSW-3. These compounds may be byproducts from the chlorination process to treat public water supplies. Petroleum constituents were not detected above laboratory reporting limits in county water supply wells CSW-46 and CSW-51.
- Two county water supply wells and nine private water supply wells were identified within 1,500 feet of the site. Six of the private water supply wells were inactive at the time of the last receptor survey. County supply wells CSW-51 and CSW-46 are located approximately 350 feet northwest and 1,010 feet south of the source area, respectively. Municipal water is reportedly available to the site and properties located within 1,000 feet of the source area. Historical variations in groundwater depth in the monitoring well network could be the result of the pumping rates from the county water supply wells within 1,500 feet of the site.
- VOCs were not detected above their Residential or Non-Residential Vapor Intrusion Soil Gas Screening Levels (VI-SGSLs).

## C. SITE HISTORY AND CHARACTERIZATION

### C.1 Site Setting

The site is comprised of an approximate 1.0-acre parcel and contains an approximate 1,600-square foot occupied residential structure. The site is depicted in **Figures 1 and 2**.

The adjacent property to the north consists of NC Highway 71, a produce stand and agricultural land. Areas to the west include residential land. The adjoining and nearby properties to the south include cleared land and two barn structures. The adjacent properties to the east include Red Hill Road and pasture land.

## C.2 Release Summary

The site was previously occupied by a convenience store that operated the following UST systems:

- one UST of unknown contents and size removed from the site in 1988,
- one 1,000-gallon UST of unknown contents removed in 1989,
- one 1,000-gallon UST of unknown contents removed in 1992, and
- two 1,000-gallon gasoline USTs removed in 1992.

During the removal of three USTs in 1992, evidence of a release was discovered in the soils and groundwater beneath the tanks. A chronological summary of UST removal and subsequent assessment activities at the site is discussed in the following section of the report.

## C.3 Previous Investigations

In December 1992, 703.25 tons of contaminated soil were removed from the site. In March 1993, an air sparge and soil vapor extraction (AS/SVE) system was constructed at the site (Aquaterra, 1993b). AS/SVE results indicated removal of an estimated 8.7 pounds of benzene, 7.3 pounds of ethylbenzene, 3.3 pounds of toluene, and 11.1 pounds of xylenes. The AS/SVE system was shut down in 2001 due to the high cost of operation and the low likelihood of additional contaminant reduction (W&R, 2001). The operation of the system had already significantly reduced existing contaminant concentrations and further reduction was deemed not cost effective. Between 1994 and 2014, numerous groundwater monitoring events were conducted at the site. Groundwater concentrations were consistently above 2L standards, but below GCLs in MW-1, MW-2, MW-5i, MW-6s, MW-6i, MW-9i, and MW-10i. Petroleum constituents were not reported above 2L standards in the private water supply wells or county water supply wells.

Terracon contacted the Robeson County Water Department and the Public Works Department and was informed that two county water supply wells (CSW-46 and CSW-51) were installed within 1,000 feet of the site in 2009.

In 2017, Terracon reviewed available boring logs, monitoring well construction logs, prior reports, topographic maps, and aerial photographs. Based on a review of available lithology and boring logs, a consistent confining layer was not identified. Reportedly, the Black Creek confining unit should be approximately 50-60 feet below ground surface; however, existing data indicates it is likely deeper or discontinuous within the site area. The groundwater monitoring wells located on the site and surrounding properties are likely located within the same surficial aquifer. Based on the topographic maps and aerial photographs, Carolina bays are located in the area of the site. Carolina bays are large shallow elliptical depressions with raised rims found in coastal areas along the Atlantic coast. Carolina bays are known to interrupt lateral water flow due to the quick absorption of precipitation. Based on the presence of Carolina bays in the area of the site, groundwater at the site could be affected by these topographic depressions. Carolina Bays could have a large effect on the groundwater fluctuation on the site (CTE/NCDOT, 2005).

Historical groundwater analytical results are summarized in **Table 4**. Monitoring wells and county water supply well locations are depicted on **Figure 3** and **Figure 4**, respectively.

## C.4 Water Supply Wells

Two county water supply wells and nine private water supply wells have been identified within 1,500 feet of the site. Six of the private water supply wells are reportedly inactive. CSW-51 is located approximately 350 feet northwest and cross-gradient of the source area. PSW-3 is the closest active water supply well relative to the site and is reportedly not used as a potable water source. The closest private potable water supply well is PSW-6, which is located approximately 1,160 feet southwest of the source area. Municipal water is reportedly available to the site and properties located within 1,000 feet of the source area. The closest surface water is a drainage ditch that discharges into the Lumber River approximately 1,300 feet to the west of the site. Water supply well ownership and location information as provided in **Table 2** and **Figure 3**.

Personnel of the Robeson County Public Works Department have previously indicated that county water supply well CWS-46 is pumped at a rate of ~500 gallons per minute (gal/min), while CSW-51 is pumped at a rate of ~600 gal/min. There reportedly are not specific pumping schedules for these two wells. In addition, CSW-46 and CSW-51 are reportedly installed to a depth of 175 feet below land surface (bls) with screen intervals beyond 90 feet bls.

## D. ASSESSMENT INFORMATION

### D.1 Free Product Evaluation

Free product was not encountered in the wells during this monitoring event. Free product thicknesses have not historically been identified at the site.

### D.2 Groundwater Sampling Activities

Terracon mobilized to the site on July 1 and July 8, 2019 to sample 13 monitoring wells (MW-1, MW-3, MW-5i, MW-6sr, MW-6i, MW-6d, MW-7, MW-8, MW-14i, MW-15s, MW-15i, MW-16s, and MW-16i) and three water supply wells (county wells CSW-46 and CSW-51, and PSW-3) as requested by the NCDEQ. Monitoring well MW-15s could not be located due to a large quantity of scattered debris and garbage in its approximate location. The approximate locations of the wells are shown on **Figures 2, 4, and 5**.

Prior to sample collection, Terracon gauged the groundwater elevations of each well. Depths to groundwater in the measured shallow monitoring wells ranged from 19.46 to 27.29 feet below top of casing (bTOC), depths to groundwater in the intermediate depth monitoring wells ranged from 22.56 to 29.35 feet bTOC, and the depth to groundwater in deep monitoring well MW-6d was measured at 26.09 feet bTOC. The estimated groundwater flow direction within the shallow aquifer is toward the northwest. The estimated groundwater flow direction within the intermediate aquifer is toward the



southwest or east. Monitoring well construction information and groundwater elevations are provided in **Table 3**.

Prior to sampling, the monitoring wells were purged with a peristaltic pump and/or submersible pump using low flow sampling techniques (i.e., <200 milliliters per minute) prior to sampling. The following parameters were measured: pH, temperature, oxidation reduction potential (ORP), dissolved oxygen (DO), and conductivity. After stabilization of field parameters (pH and conductivity), a groundwater sample was collected directly into laboratory supplied containers at low flow sampling rates.

The groundwater samples were packed in ice and shipped via FedEx along with chain of custody documentation to Shealy Environmental Services, Inc. (Shealy) in West Columbia, South Carolina (North Carolina Field Services Certification #329) for analysis of VOCs by Standard Method 6200B including MTBE, ethylene dibromide (EDB) and di-isopropyl ether (IPE).

## **D.2 Soil Vapor Sampling Activities**

Three (3) shallow soil vapor sampling points (SV-01, SV-02, and SV-03) were installed around the exterior of the on-site residence using DPT drilling techniques (**Figure 2**). The soil vapor points were constructed in general accordance with the practices outlined in the NCDEQ Division of Waste Management Vapor Intrusion Guidance (November 2015) and the Interstate Technology Regulatory Council Vapor Intrusion Pathway: A Practical Guideline (January 2007).

The points were constructed with stainless steel screens with barbed fittings and small bore (0.25 inches O.D.) Teflon®-lined tubing. Sand filter packs were placed within each annulus to a height of at least six inches above the screen points. An approximate half-foot thick layer of dry, granular (No. 20) bentonite was placed in the borehole annulus above the sand pack followed by a layer of bentonite hydrated with distilled water to the land surface.

A shut-in (dead-head) test was conducted before sampling to check for leaks in the above-ground purge/sampling manifold. The flow controller influent was capped, and a hand pump was used to induce a negative pressure reading on the manifold pressure gauge. If there was an observable loss of vacuum, the fittings were adjusted until the vacuum in the sample train did not noticeably dissipate.

Prior to sampling, laboratory supplied, batch certified 1.0-liter summa canisters were connected to tubing using Swagelok® fittings at the sub-slab sampling points. A helium tracer test was conducted prior to collecting each sample. The tracer test serves as a quality assurance/quality control (QA/QC) method to verify the integrity of the soil vapor point seal in addition to the connection of the sampling manifold and the soil vapor point. A field instrument capable of measuring helium concentrations down to 25 parts per million was used to verify the presence and concentration of helium in the sample points and/or within the sampling manifolds.

The protocol for using a tracer gas is to enclose the sampling points and the sampling manifolds with a



shroud. The helium tracer gas is released into the shroud until the atmosphere inside the shroud is approximately 10 to 20 percent helium. Approximately three purge volumes were evacuated through Teflon-lined tubing that passes through the shroud using a peristaltic pump and/or dedicated syringe. Purged soil vapor was collected in a 1-liter Tedlar® bag. After each purge volume was evacuated, a purge sample from the Tedlar® bag was screened for helium to assess for leaks in the well seal and/or sampling manifold. Each annulus was considered to be sufficiently sealed when helium concentrations were less than ten percent of the helium concentration in the shroud. The sampled points had initial concentrations of less than approximately 2 percent of the helium within the shroud.

After completion of the helium tracer tests, the sample canisters were filled using dedicated flow controllers set to a sample rate of less than approximately 200 milliliters per minute. The canister vacuums were recorded prior to and periodically during the filling periods. At the conclusion of the sampling event, the final canister vacuums were recorded. The canisters were packaged and delivered along with chain of custody documentation to Pace Analytical Laboratories for analysis of VOCs via EPA Method TO-15. The soil vapor sampling points were abandoned after sampling activities were completed.

### D.3 Groundwater Analytical Results

Based on the laboratory analytical reports, benzene and naphthalene were detected at concentrations above their respective 2L standards in MW-15i. Petroleum constituents were not detected above 2L standards in the remaining sampled wells. Concentrations were not detected above GCLs.

Bromodichloromethane and dibromochloromethane were detected above their 2L standards in water supply well PSW-3. These compounds have been detected above their 2L standards in PSW-3 since 2017. These compounds may be byproducts from the chlorination process to treat public water supplies. Petroleum constituents were not detected above laboratory reporting limits in county water supply well CSW-46 and CSW-51.

Petroleum constituents detected in the groundwater are depicted on **Figure 6**. The groundwater analytical results from the monitoring wells are summarized in **Table 4**. Copies of the laboratory analytical reports are provided in **Appendix B**.

### D.4 Soil Vapor Analytical Results

Analytical results were compared with the NCDEQ Residential and Non-Residential Vapor Intrusion Exterior Soil Gas Screening Levels (VI-SGSLs) and are summarized in **Table 5**. VOCs were not detected above their Residential or Non-Residential VI-SGSLs.

## E. CONCLUSIONS AND RECOMMENDATIONS

Based on the information obtained during the completion of the groundwater monitoring activities, Terracon provides the following conclusions and findings:

- Benzene and naphthalene were detected at concentrations above their respective 2L standards in MW-15i. Exceedances of 2L standards were not reported in the other monitoring wells sampled.
- GCL exceedances were not identified in the sampled on-site monitoring wells. GCL exceedances have not been detected on-site since January 1993.
- Measurable thicknesses of free product were not observed in the on-site monitoring wells. Free product thicknesses have not historically been measured at the site.
- The horizontal extent of the plume has not been defined to the north and southwest of the source area.
- Depths to groundwater in the measured shallow monitoring wells ranged from 19.46 to 27.29 feet below top of casing (bTOC), depths to groundwater in the intermediate depth monitoring wells ranged from 22.56 to 29.35 feet bTOC, and the depth to groundwater in deep monitoring well MW-6d was measured at 26.09 feet bTOC. The estimated groundwater flow direction within the shallow aquifer is toward the northwest. The estimated groundwater flow direction within the intermediate aquifer is toward the southwest or east.
- Bromodichloromethane and dibromochloromethane were detected above their 2L standards in water supply well PSW-3. These compounds may be byproducts from the chlorination process to treat public water supplies. Petroleum constituents were not detected above laboratory reporting limits in county water supply wells CSW-46 and CSW-51.
- Two county water supply wells and nine private water supply wells were identified within 1,500 feet of the site. Six of the private water supply wells were inactive at the time of the last receptor survey. County supply wells CSW-51 and CSW-46 are located approximately 350 feet northwest and 1,010 feet south of the source area, respectively. Municipal water is reportedly available to the site and properties located within 1,000 feet of the source area. Historical variations in groundwater depth in the monitoring well network could be the result of the pumping rates from the county water supply wells within 1,500 feet of the site.
- VOCs were not detected above their Residential or Non-Residential Vapor Intrusion Soil Gas Screening Levels (VI-SGSLs).

Based on the data presented in this subsequent monitoring report, Terracon recommends the following activities be completed at the site:

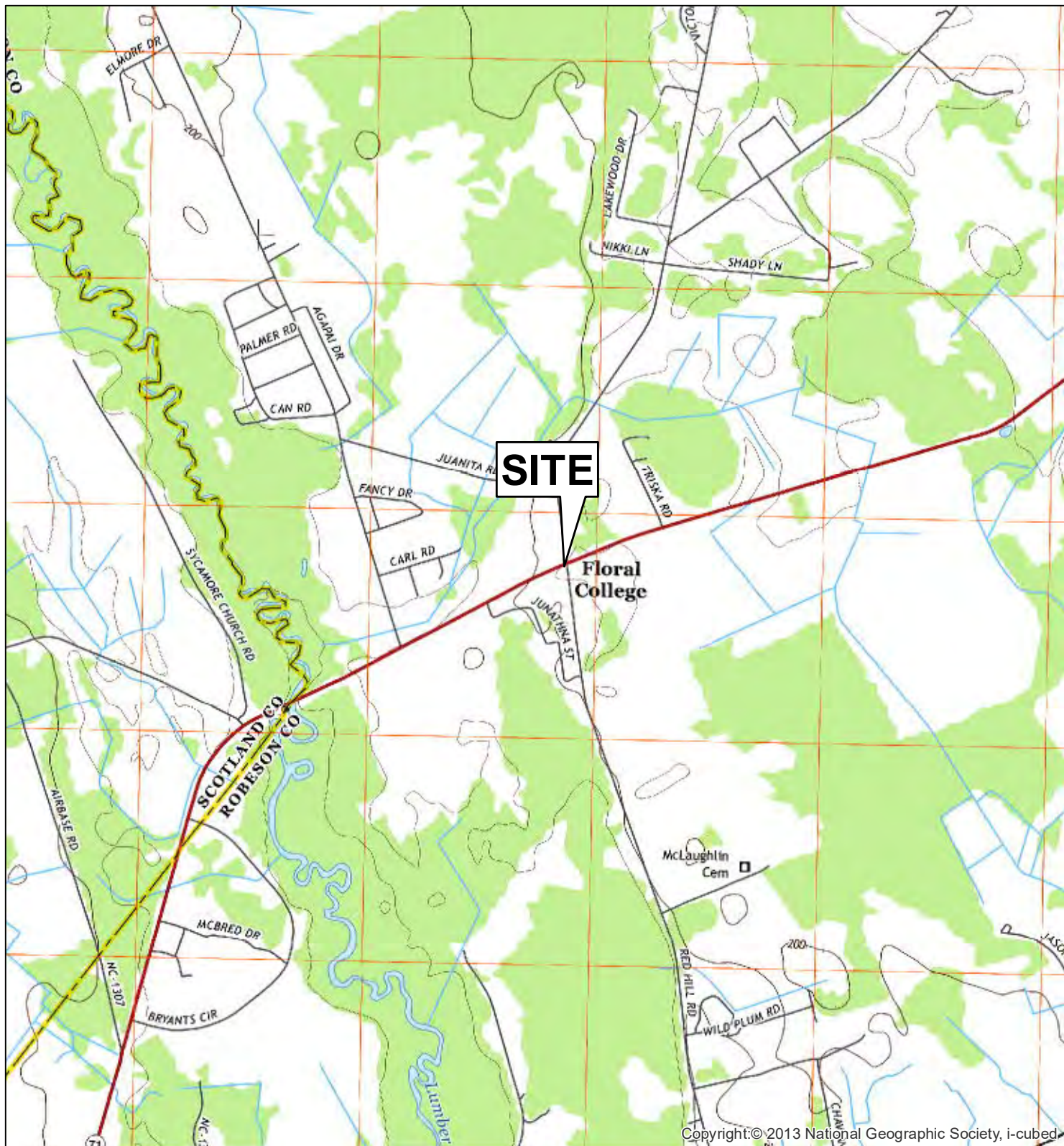
- Terracon recommends monitored natural attenuation until the detected constituents are below their respective 2L Standards in the current groundwater monitoring well network.
- Terracon recommends the semi-annual sampling of water supply wells PSW-3, CSW-46, and CSW-51, and annual sampling of entire monitoring well network, with the next WSW sampling event projected to occur in December 2019 and the next full sampling event project to occur in July 2020.
- Conduct a second vapor intrusion sampling event at the site to evaluate temporal trends in soil vapor concentrations. If exceedances of VI-SGSLs are not identified during the second sampling event, additional PVI evaluation would not be warranted.

## F. REFERENCES

- Agra, 2011. Monitoring Report, Corner Store, dated November 15, 2011.
- Aquaterra, 1993a. Groundwater Assessment Activities, Former Corner Store, dated February 11, 1993.
- Aquaterra, 1993b. Groundwater Assessment and Remediation Activities, Former Corner Store Site, dated June 8, 1993.
- Aquaterra, 1994. Monitoring Well Installation, Ground Water Sampling, and Remedial System Expansion Activities, Former Corner Store Site, dated July 29, 1994.
- CTE/NCDOT, 2005. Methodology to Assess Soil Hydrologic, and Site Parameters that Affect Wetland Restoration, dated June 2005.
- Terracon, 2014. Federal-State Lead Monitoring Report, Corner Store, dated December 16, 2014.
- Terracon, 2016. Subsequent Monitoring Report, Corner Store, dated January 14, 2016.
- Terracon, 2017. Subsequent Monitoring Report, Corner Store, dated May 22, 2017.
- Terracon, 2018. Subsequent Monitoring Report, Corner Store, dated August 6, 2018.
- W&R, 2001. Second and Final of Two Monitoring Reports, Corner Store Site, dated July 23, 2001.

## FIGURES





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1:24,000

SITE COORDINATES: 79°19'6.896"W 34°46'42.088"N

Data Source:  
USGS Wakulla Quadrangle,  
2013, 7.5-Minute Series



Project No. 70149611A  
Drawn By: WOF  
Reviewed By: MTJ  
Date: July 2019

**Terracon**

2401 Brentwood Rd. Raleigh, NC 27604  
PH. (919) 873-2211 terracon.com

Site Location Map

CORNER STORE  
INCIDENT #5099  
2640 NORTH NC 71 HIGHWAY  
MAXTON, NC

Figure

1





- ◆ Shallow Well
- ◆ Intermediate Well
- ◆ Deep Well

- Site Boundary
- Approx. Location of Former UST
- Structure

- ▲ 2019 Soil Vapor Sample Locations

Data Sources and Notes:  
 - Well & Feature Locations - Terracon  
 - Imagery - ESRI WMS  
 - Greyed symbol indicates wells that were not located or destroyed



Project No.	70149611A
Drawn By:	WOF
Reviewed By:	MTJ
Date:	July 2019

<b>Terracon</b>	
2401 Brentwood Rd.	Raleigh, NC 27604
PH. (919) 873-2211	terracon.com

Site Plan
CORNER STORE INCIDENT #5099 2640 NORTH NC 71 HIGHWAY MAXTON, NC

Figure
<b>2</b>





Site Boundary



Water Supply Well (potable)



Water Supply Well (inactive)

Data Sources:  
Well & Feature Locations - Terracon  
Imagery - ESRI WMS

0 100 200 400  
Feet



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Water Supply Well Location Map

CORNER STORE  
INCIDENT #5099  
2640 NORTH NC 71 HIGHWAY  
MAXTON, NC

Figure

3





0 15 30 60 Feet



Shallow Well

Site Boundary

Groundwater Elevation Contour  
(Dashed where Inferred)

188.70 Groundwater Elevation (ft msl)

Estimated Groundwater Flow Direction

Notes:  
-Intermediate/deep well groundwater elevations not shown  
-ft msl = feet above mean sea level  
-Monitoring well elevations surveyed November 2014/March 2016 by Hasty Land Surveying  
-NL = not located  
-Greyed symbol represents wells that were not located or destroyed  
\* indicates bottom of screen elevation  
Data Sources:  
Well & Feature Locations - Terracon Imagery - ESRI WMS

Project No. 70149611A

Drawn By: WOF

Reviewed By: MTJ

Date: July 2019

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Shallow Groundwater Elevation  
Map (July 2019)

CORNER STORE  
INCIDENT #5099  
2640 NORTH NC 71 HIGHWAY  
MAXTON, NC

Figure

4





Intermediate Well  
Site Boundary

Groundwater Elevation Contour  
(Dashed where inferred)  
Estimated Groundwater  
Flow Direction

Notes:  
-ft msl = feet above mean sea level  
-Monitoring well elevations surveyed  
November 2014/March 2016 by Hasty Land Surveying  
-NL = not located  
-Greyed symbol indicates well  
was not located or destroyed

Data Sources:  
Well & Feature Locations - Terracon  
Imagery - ESRI WMS



Project No. 70149611A  
Drawn By: WOF  
Reviewed By: MTJ  
Date: July 2019

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Intermediate Groundwater Elevation  
Map (July 2019)  
CORNER STORE  
INCIDENT #5099  
2640 NORTH NC 71 HIGHWAY  
MAXTON, NC

Figure  
5





- Water Supply Well (Potable)
- Site Boundary
- Shallow Well
- Intermediate Well
- Deep Well

**Notes:**

- Only detected compounds are shown
- Greyed symbol indicates wells were not located or destroyed
- 'J' = compound detected above method detection limit and below laboratory reporting limit
- Bolded compounds exceed their NCAC 2L groundwater standard
- ND = non detect (below laboratory reporting limit)
- NS = Not Sampled

**Data Sources:**

- Well & Feature Locations - Terracon
- Imagery - ESRI WMS

Project No. 70149611A  
 Drawn By: WOF  
 Reviewed By: MTJ  
 Date: July 2019

**Terracon**  
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**Groundwater Analytical Results**  
 (July 2019)  
 CORNER STORE  
 INCIDENT #5099  
 2640 NORTH NC 71 HIGHWAY  
 MAXTON, NC

**Figure**  
 6

## TABLES

TABLE 1  
Conceptual Site Model

Corner Store  
Maxton, North Carolina

Terracon Project No. 70149611A  
NCDEQ Incident No. 5099

Source Areas	UST(s)		One UST of unknown content and size (removed 1988); two 1,000-gal UST of unknown contents (removed 1989 and 1992, respectively); two 1,000-gallon gasoline USTs (removed 1992)
	Dispensers		Information not available
	Piping		Information not available
	Other		NA
Soil	Physiographic Province		Coastal Plain
	Surficial	Residual Impacts	Not Sampled
		Extent	
		Contaminants of Concern	
		Concentrations	
		Soil Type	Sand
	Subsurface	Residual Impacts	Yes
		Extent	Vicinity of UST excavation
		Contaminants of Concern	Gasoline compounds
		Concentrations	TPH-GRO above action levels in 1994
		Soil Type	Primarily clayey sands
		Source to GW?	Yes
Groundwater	Surficial	NAPL Present? Residual or Mobile?	Free product not historically detected
		Depth to Groundwater	approximately 20 to 30 feet below land surface
		Hydraulic Conductivity	Site specific not evaluated, ~10 <sup>-3</sup> to 10 <sup>1</sup> feet per day based on soil type
		Delineated? If so, extent?	Not delineated to the southwest
		Extend Off-Site?	Potentially extends off-site to the southwest
		Contaminants of Concern	Benzene, Naphthalene, MTBE, EDB, 1,2-DCA, and other gasoline compounds
		Concentrations	Less than two orders of magnitude above 2L Standard and below GCLs as of 2019
		Trends	Generally stable to decreasing for the last 20 years
		Horizontal Gradient	Approximately 0.018 ft/ft
		Vertical Gradient	Approximately 0.01 ft/ft
	Bedrock	Depth to Groundwater	Not Sampled
		Delineated? If so, extent?	
		Extends Off-Site?	
		Hydraulic Conductivity	
		Contaminants of Concern	
		Concentrations	
		Trends	
		Horizontal Gradient	
Surface Water	Distance from Source		Approximately 1,300 feet west (an unnamed tributary of Lumber River)
	Contaminants of Concern		NA
	Concentrations		NA
	Groundwater or Surficial Source?		NA
Soil Vapor	Screening	Lateral Distance from Impacts to Building	~40 feet southwest to on-site residence
		Depth to GW	approximately 30 feet below land surface
		Precluding Factors Present? Specify.	Historical EDB detections (lead scavenger)
		GW Concentrations > VISLs?	Yes
	Assessment	Exterior Soil Gas Concentrations >VISLs?	Exterior soil gas concentrations do not exceed residential VISLs.
		Sub-Slab Concentrations > VISLs?	
		Indoor Air Concentrations > VISLs?	
		Is the VI Pathway Complete?	
Remediation	Soil (Type, When, Successful?)		703.25 tons of impacted soil excavated during UST removal in 1993, subsequent soil sampling indicates residual soil impacts in vadose zone below residential MSCCs
	Groundwater (Type, When, Successful?)		Air sparge and soil vapor extraction system installed in March 1993 and shut down in 2001. AS/SVE system reduced the groundwater contamination.
Receptors	WSWs	Number within 250 feet	None identified
		Number within 250-500 feet	1 (one county potable well)
		Number within 500-1,000 feet	5 (four inactive; remaining active well reportedly not used as a potable water source)
	Surface Water (Modeling/Screening or Empirical)		Groundwater plume generally delineated, surface water not sampled (>1,000 feet from the site)
	Vapor Intrusion (Modeling/Screening or Empirical)		July 2019 Exterior soil vapor sample analytical results do not indicate elevated petroleum concentration.
Closure Pathway	Current/Proposed Property Use		Rental residential property and wooded land
	Soil		TPH-GRO above action levels in 1994;
	GW	NAPL and/or >GCLs	NAPL and GCL exceedances not present
		Water Supply Wells	NA
	Surface Water		NA
	Vapor Intrusion		A second soil vapor sampling event should be conducted to evaluate temporal trends in soil vapor concentrations. If the second event does not identify exceedances of VI-SGSLs, further PVI assessment would not be warranted.

Notes:  
MSCC: NCDEQ maximum soil contaminant concentrations  
2L Standard: 15A NCAC 2L groundwater quality standards  
GCL: NCDEQ gross contamination levels  
VISL: NCDEQ vapor intrusion screening levels  
NAPL: non-aqueous phase liquid  
VI: Vapor Intrusion

UST: underground storage tank  
NA: not applicable  
GW: groundwater  
BTEX: benzene, toluene, ethylbenzene, xylenes  
MMPE: mobile multiphase extraction

**Table 2**  
**Water Supply Well Information**  
**Corner Store**  
**Maxton, North Carolina**  
**Terracon Project Number 70149611A**  
**NCDEQ Incident No. 5099**

Well ID	Property Owner	PIN Number	Mailing Address	Property Address	Distance/Direction from source area	Well Status/Use
CSW-51	Robeson County	930734947682	701 North Elm Street Lumberton, NC 28358	NC Highway 71 Maxton, NC 28364	350' northwest	Potable
CSW-46	Robeson County	930743645895	701 North Elm Street Lumberton, NC 28358	Red Hill Rd Maxton, NC 28364	1,010' south	Potable
PSW-1	Linda & Fred Hunt	930733694900	2502 NC Highway 71 N Maxton, NC 28364	2502 NC Highway 71 N Maxton, NC 28364	850' west	Inactive
PSW-2	Jennie R. Jones	930733590200	2466 NC Highway 71 N Maxton, NC 28364	Not Listed - NC Highway 71	950' west	Inactive
PSW-3	Bobby G. Tilson	930745503100	PO Box 411 Maxton, NC 28364	70 Oxendine Rd Maxton, NC 28364	520' northeast	Active, Reportedly Non-Potable
PSW-4	Leroy & Doris Scott; and Upchurch Toria Leigh Remainder	930733777500	5277 Red Hill Rd Maxton, NC 28364	5277 Red Hill Rd Maxton, NC 28364	930' southwest	Inactive
PSW-5	Tommie & Ruby Gilchrist	930733664500	PO Box 933 Maxton, NC 28364	78 Jonathan St Maxton, NC 28364	990' southwest	Inactive
PSW-6	Joy Lynn Chavis	930733934400	158 Jonathan St Maxton, NC 28364	158 Jonathan St Maxton, NC 28364	1,160' southwest	Assumed Potable
PSW-7	Lee Roy Commings	930743339800	5481 Red Hill Rd Maxton, NC 28364	5481 Red Hill Rd Maxton, NC 28364	1,040' south	Inactive
PSW-8	Avery & Linda F. Oxendine	930743421800	5479 Red Hill Rd Maxton, NC 28364	5479 Red Hill Rd Maxton, NC 28364	1,125' south	Inactive
PSW-9	Sheila O. & Ricky Chavis	930743106200	268 Jonathan St Maxton, NC 28364	Not Listed - Jonathan St	1,380' south	Potable

Wells were identified as potable or inactive based on conversations with property owners

"Assumed Potable" indicates occupied property without an active water connection; however, owner has not verified potential well presence and/or use

Table 3  
Monitoring Well Construction Information and Groundwater Elevations  
Corner Store  
Maxton, North Carolina  
Terracon Project No. 70149611A  
NCDEQ Incident No. 5099

Well Id	Date Intalled	Well Casing Depth (ft BGS)	Screened Interval (x to y ft BGS)	Bottom of Well (ft BGS)	Top of Casing Elevation (ft msl)	Date Water Level Measured	Depth to Water from Top of Casing (ft bTOC)	Groundwater Elevation (ft msl)
MW-1	01/04/93	0 to 19	19 to 34	34	212.96	10/29/14	28.78	184.18
						11/18/15	28.76	184.20
						03/31/16	24.20	188.76
						04/19/17	27.25	185.71
						10/05/17	29.30	183.66
						03/27/18	30.88	182.08
						07/01/19	27.29	185.67
MW-2	01/04/93	0 to 24	24 to 34	34	NM	11/18/15	Not located since 2011	
MW-3	01/05/93	0 to 20	20 to 30	30	209.95	10/29/14	27.11	182.84
						11/18/15	NM	--
						03/30/16	21.13	188.82
						04/19/17	Not located since 2016	
						10/05/17	Dry	--
						03/28/18	Dry	--
						07/08/19	25.01	184.94
MW-4s	01/05/93	0 to 5	5 to 20	20	198.23	11/18/15	19.07	179.16
							NM	--
MW-4i	02/20/93	0 to 42	42 to 47	47	198.43	10/29/14	20.25	178.18
						11/18/15	NM	--
MW-4d	03/05/93	0 to 83	83 to 88	88	NM	11/18/15	Not located since 2007	
MW-5i	02/17/93	4-inch 0 to 31 2-inch 31 to 41 1.25-inch 41 to 45	45 to 55	55	213.19	10/29/14	29.15	184.04
						11/18/15	27.71	185.48
						03/27/16	24.14	189.05
						04/19/17	28.02	185.17
						10/05/17	30.65	182.54
						03/27/18	Dry	--
						07/08/19	27.56	185.63
MW-6s	02/18/93	0 to 17	17 to 27	27	207.47	10/29/14	26.25	181.22
						11/18/15	26.84	180.63
						03/31/16	Dry	--
MW-6sr	03/30/16	0 to 19	19-34	34	207.23	03/31/16	18.78	188.45
						04/19/17	27.74	179.49
						10/05/17	28.01	179.22
						03/28/18	33.70	173.53
						07/01/19	22.89	184.34
MW-6i	02/18/93	4-inch 0 to 32.5 2-inch 32.5 to 43	43 to 48	48	207.37	10/29/14	27.82	179.55
						11/18/15	30.16	177.21
						03/31/16	19.04	188.33
						04/19/17	20.70	186.67
						10/05/17	28.20	179.17
						03/28/18	33.21	174.16
						07/01/19	24.92	182.45
MW-6d	03/04/93	0-83	83 to 88	88	207.82	10/29/14	28.98	178.84
						11/18/15	31.18	176.64
						03/31/16	19.66	188.16
						04/19/17	22.99	184.83
						10/05/17	30.02	177.8
						03/28/18	35.20	172.62
						07/01/19	26.03	181.79
MW-7	03/10/93	0 to 19	19 to 29	29	211.01	10/29/14	28.05	182.96
						11/18/15	Dry	--
						03/30/16	21.76	189.25
						04/20/17	25.71	185.30
						10/05/17	Dry	--
						03/28/18	Dry	--
						07/08/19	25.46	185.55
MW-8	02/19/93	0 to 19	19 to 34	34	210.61	10/29/14	29.60	181.01
						11/18/15	32.70	177.91
						03/30/16	22.09	188.52
						04/19/17	26.05	184.56
						10/05/17	30.45	180.16
						03/28/18	Dry	--
						07/01/19	26.27	184.34
MW-9s	03/10/93	0 to 7.5	7.5 to 22.5	22.5	NM	--	Not located since 2007	
MW-9i	06/06/93	0 to 43	43 to 48	48	NM	--	Not located since 2007	
MW-10i	08/23/93	0 to 38	38 to 43	43	NM	--	Not located since 2007	
MW-10d	08/25/93	0 to 75	75 to 80	80	NM	--	Not located since 2007	
MW-11i	08/24/93	0 to 40	40 to 45	45	NM	--	Not located since 2007	
MW-11d	06/22/94	0 to 81	81 to 86	86	NM	--	Not located since 2007	
MW-12i	08/24/93	0 to 40	40 to 45	45	194.39	10/29/14	18.55	175.84
						11/18/15	NM	--
MW-13i	08/25/93	0 to 43	43 to 48	48	NM	--	Not located since 2007	
MW-13d	08/26/93	0 to 82	82 to 87	87	NM	--	Not located since 2007	
MW-14i	08/27/93	0 to 47	47 to 52	52	212.32	10/29/14	31.85	180.47
						11/18/15	NM	--
						03/30/16	23.10	189.22
						04/20/17	27.20	185.12
						10/05/17	33.50	178.82
						03/28/18	38.97	173.35
						07/08/19	29.35	182.97
MW-15s	03/30/16	0 to 15	15 to 25	25	209.72	03/31/16	20.61	189.11
						04/19/17	Dry	--
						10/06/17	Dry	--
						03/28/18	Dry	--
						--	Not Located	
MW-15i	03/29/16	0 to 37	37 to 47	47	209.68	03/31/16	20.89	188.79
						04/19/17	24.51	185.17
						10/06/17	30.81	178.87
						03/27/18	36.16	173.52
						07/01/19	26.79	182.89
MW-16s	03/29/16	0 to 10	10 to 20	20	205.82	03/31/16	16.46	189.36
						04/19/17	Dry	--
						10/06/17	Dry	--
						03/28/18	Dry	--
						07/01/19	19.46	186.36
MW-16i	03/29/16	0 to 35	35 to 45	45	206.00	03/29/16	17.02	188.98
						04/19/17	20.70	185.30
						10/06/17	26.68	179.32
						03/28/18	32.32	173.68
						07/08/19	22.78	183.22

Notes:  
ft BGS - feet below grade surface  
ft bTOC - feet below top of casing  
ft msl - feet mean sea level  
NM - not measured  
Monitoring well elevations surveyed April 2016 by Hasty Land Surveying



Table 4  
Summary of Groundwater Analytical Results  
Corner Store  
Maxton, North Carolina  
Terracon Project Number 70149611A  
NCDEQ Incident No. 5099

Analytical Method		6200B																								
Contaminant of Concern →																										
Well/Sample I.D.	Date Collected (mm/dd/yy)	Benzene	Bromodichloromethane	Bromomethane	n-Butylbenzene	sec-Butylbenzene	Chloroethane	Chloroform	Dibromochloromethane	1,2-Dibromoethane (EDB)	1,2-Dichloroethane	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	Methyl tert butyl ether (MTBE)	Methylene chloride	Naphthalene	n-Propylbenzene	Styrene	1,1,2,2-Tetrachloroethane	Toluene	Trichloroethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes (Total)	
MW-1	01/06/93	12,000	NR	NR	NR	NR	NR	NR	NR	130	NR	1,600	NR	NR	8,600	NR	NA	NR	NR	NR	21,000	NR	NA	NA	17,000	
	05/13/93	160	NR	NR	NR	NR	NR	NR	NR	4.1	NR	92	NR	NR	2,200	NR	NA	NR	NR	NR	1,200	NR	NA	NA	2,800	
	07/06/93	100	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	270	NR	NA	NR	NR	NR	940	NR	NA	NA	3,200	
	11/24/93	4,700	NR	NR	NR	NR	NR	NR	NR	2.0	NR	1,300	NR	NR	1,200	NR	NA	NR	NR	NR	18,000	NR	NA	NA	12,000	
	04/19/94	500	NR	NR	NR	NR	NR	NR	NR	NA	NR	190	NR	NR	1,900	NR	NA	NR	NR	NR	2,000	NR	NA	NA	1,300	
	10/07/94	2,300	NR	NR	NR	NR	NR	NR	NR	23	NR	720	NR	NR	690	NR	NA	NR	NR	NR	6,500	NR	NA	NA	7,000	
	05/09/95	390	NR	NR	NR	NR	NR	NR	NR	NA	NR	160	NR	NR	1,000	NR	NA	NR	NR	NR	1,700	NR	NA	NA	1,600	
	10/16/95	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	11,100	NR	NA	NA	7,930	
	02/26/96	890	NR	NR	NR	NR	NR	NR	NR	NA	NR	1,500	NR	NR	3,100	NR	NA	NR	NR	NR	14,000	NR	NA	NA	11,000	
	05/15/96	370	NR	NR	NR	NR	NR	NR	NR	NA	NR	370	NR	NR	750	NR	NA	NR	NR	NR	4,300	NR	NA	NA	3,200	
	09/25/96	310	NR	NR	NR	NR	NR	NR	NR	NA	NR	560	NR	NR	400	NR	NA	NR	NR	NR	4,300	NR	NA	NA	4,200	
	01/15/97	40	NR	NR	NR	NR	NR	NR	NR	NA	NR	550	NR	NR	BDL	NR	NA	NR	NR	NR	1,900	NR	NA	NA	5,900	
	05/07/97	48	NR	NR	NR	NR	NR	NR	NR	NA	NR	250	NR	NR	BDL	NR	NA	NR	NR	NR	800	NR	NA	NA	2,320	
	10/15/97	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	450	NR	NR	BDL	NR	NA	NR	NR	NR	870	NR	NA	NA	4,400	
	01/14/98	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	800	NR	NR	BDL	NR	NA	NR	NR	NR	3,400	NR	NA	NA	6,900	
	04/28/06	20.4	NR	NR	NR	NR	NR	NR	NR	BDL	NR	17.5	NR	NR	BDL	NR	31.3	NR	NR	NR	24.6	NR	NA	NA	83.8	
	05/17/07	40	NR	NR	NR	NR	NR	NR	NR	BDL	NR	330	NR	NR	28	NR	210	NR	NR	NR	230	NR	940	390	3,300	
	09/22/11	310	NR	NR	NR	NR	NR	NR	NR	BDL	NR	33	NR	NR	240	NR	82	NR	NR	NR	7.2	NR	820	340	520	
	10/29/14	15	NR	0.58	3.7	0.25J	3.1	0.19J	NR	0.24J	NR	0.64	0.42J	2.4	49	1.3	7.0	0.55	<0.015	NR	0.36J	NR	16	4.3	26.8	
	11/18/15	0.71	NR	<0.5	<0.5	<0.5	0.48 J	0.35 J	NR	<0.5	NR	<0.5	<0.5	0.46 J	2.6	0.52	0.25 J	<0.5	<0.5	NR	<0.5	NR	1.3	0.73	0.58 J	
	03/31/16	0.41 J	NR	<0.5	<0.5	<0.5	<0.5	1.2	NR	<0.5	NR	<0.5	<0.5	<0.5	0.46 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.53	0.33 J	<0.5	
	04/19/17	<0.5	NR	<0.5	<0.5	<0.5	<0.5	0.56	NR	<0.5	NR	<0.5	<0.5	<0.5	0.55	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.57	0.44	<0.5	
	10/05/17	33	<0.5	<0.5	<0.5	<0.5	0.99	<0.5	<0.5	<0.5	1.6	<0.5	<0.5	1.1	<0.5	37	<0.5	4.0	0.74	<0.5	<0.5	<0.5	<0.5	1.0	3.6	0.5
	03/28/18	27	<0.5	<0.5	3.4	<0.5	<0.5	<0.5	<0.5	<0.5	2.1	0.49J	0.56	2.0	66	<0.5	2.9	0.43J	<0.5	<0.5	<0.5	<0.5	4.0	8.6	1.9	
	07/01/19	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
MW-2	01/06/93	1,900	NR	NR	NR	NR	NR	NR	NR	2.6	NR	1,700	NR	NR	450	NR	NA	NR	NR	NR	18,000	NR	NA	NA	13,000	
	05/13/93	190	NR	NR	NR	NR	NR	NR	NR	0.2	NR	400	NR	NR	100	NR	NA	NR	NR	NR	3,000	NR	NA	NA	6,000	
	07/06/93	BDL	NR	NR	NR	NR	NR	NR	NR	0.06	NR	230	NR	NR	BDL	NR	NA	NR	NR	NR	300	NR	NA	NA	1,800	
	11/24/93	1,700	NR	NR	NR	NR	NR	NR	NR	2	NR	1,200	NR	NR	6,100	NR	NA	NR	NR	NR	12,000	NR	NA	NA	16,000	
	04/19/94	300	NR	NR	NR	NR	NR	NR	NR	NA	NR	820	NR	NR	460	NR	NA	NR	NR	NR	6,400	NR	NA	NA	3,700	
	10/07/94	160	NR	NR	NR	NR	NR	NR	NR	0.44	NR	650	NR	NR	41	NR	NA	NR	NR	NR	2,400	NR	NA	NA	5,000	
	05/09/95	57	NR	NR	NR	NR	NR	NR	NR	NA	NR	40	NR	NR	BDL	NR	NA	NR	NR	NR	160	NR	NA	NA	710	
	10/16/95	24	NR	NR	NR	NR	NR	NR	NR	NA	NR	21	NR	NR	3	NR	NA	NR	NR	NR	85	NR	NA	NA	314	
	02/26/96	57	NR	NR	NR	NR	NR	NR	NR	NA	NR	70	NR	NR	39	NR	NA	NR	NR	NR	260	NR	NA	NA	820	
	05/15/96	2	NR	NR	NR	NR	NR	NR	NR	NA	NR	2	NR	NR	2	NR	NA	NR	NR	NR	2	NR	NA	NA	56	
	09/25/96	33	NR	NR	NR	NR	NR	NR	NR	NA	NR	48	NR	NR	BDL	NR	NA	NR	NR	NR	200	NR	NA	NA	650	
	01/15/97	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	4	
	05/07/97	6	NR	NR	NR	NR	NR	NR	NR	NA	NR	2	NR	NR	BDL	NR	NA	NR	NR	NR	1	NR	NA	NA	117	
	10/15/97	100	NR	NR	NR	NR	NR	NR	NR	NA	NR	28	NR	NR	BDL	NR	NA	NR	NR	NR	110	NR	NA	NA	490	
	01/14/98	200	NR	NR	NR	NR	NR	NR	NR	NA	NR	340	NR	NR	BDL	NR	NA	NR	NR	NR	1,000	NR	NA	NA	3,600	
	04/28/06	<25	NR	NR	NR	NR	NR	NR	NR	BDL	NR	262	NR	NR	BDL	NR	164	NR	NR	NR	204	NR	NA	NA	1,540	
	05/17/07	12	NR	NR	NR	NR	NR	NR	NR	BDL	NR	120	NR	NR	13	NR	30	NR	NR	NR	73	NR	51	360	220	
	09/22/11	75	NR	NR	NR	NR	NR	NR	NR	0.12	NR	67	NR	NR	370	NR	64	NR	NR	NR	5.5	NR	240	40	158	
Not Located Since 2011																										
2L Standard (ug/L)		1	0.6	100	70	70	3,000	70	0.4	0.02	0.4	600	70	25	20	5	6	70	70	0.2	600	3	400	400	500	
GCL (ug/L)		5,000	NE	100,000	6,900	8,500	NE	70,000	400	50	400	84,500	25,000	11,700	20,000	5,000	6,000	30,000	70,000	200	260,000	3,000	28,500	25,000	85,500	

Results in µg/L.  
<- denotes less than sample reporting detection limit.  
"- denotes not analyzed.  
Grey shading denotes levels above the 2L standard.  
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J - Analyte was detected above method detection limits but below laboratory reporting limits.

ND - Non-detect  
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Table 4  
Summary of Groundwater Analytical Results  
Corner Store  
Maxton, North Carolina  
Terracon Project Number 70149611A  
NCDEQ Incident No. 5099

Analytical Method		6200B																								
Contaminant of Concern -->																										
Well/Sample I.D.	Date Collected (mm/dd/yy)	Benzene	Bromodichloromethane	Bromomethane	n-Butylbenzene	sec-Butylbenzene	Chloroethane	Chloroform	Dibromochloromethane	1,2-Dibromoethane (EDB)	1,2-Dichloroethane	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	Methyl tert butyl ether (MTBE)	Methylene chloride	Naphthalene	n-Propylbenzene	Styrene	1,1,2,2-Tetrachloroethane	Toluene	Trichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes (Total)	
MW-3	01/06/93	BDL	NR	NR	NR	NR	NR	NR	NR	0.026	NR	4	NR	NR	BDL	NR	NA	NR	NR	NR	NR	2	NR	NA	NA	38
	05/13/93	BDL	NR	NR	NR	NR	NR	NR	NR	NR	NR	BDL	NR	NR	9	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	07/06/93	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	08/26/93	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	11/24/93	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	10/07/94	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	02/26/96	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	01/15/97	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	01/14/98	<1	NR	NR	NR	NR	NR	NR	NR	NA	NR	<1	NR	NR	<2	NR	NA	NR	NR	NR	NR	<1	NR	NA	NA	<4
	04/28/06	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	BDL	NR	NR	NR	BDL	NR	NA	NA	BDL	
	05/17/07	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	BDL	NR	NR	NR	BDL	NR	BDL	BDL	BDL	
	09/22/11	NA	NR	NR	NR	NR	NR	NR	NR	NA	NR	NA	NR	NR	NA	NR	NA	NR	NR	NR	NR	NA	NR	NA	4	
	03/31/16	<0.5	NR	<0.5	<0.5	<0.5	0.4 J	<0.5	NR	<0.5	NR	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
	04/19/17	Not Sampled																								
10/05/17	Not Sampled (insufficient water)																									
3/28/18	Not Sampled (insufficient water)																									
07/08/19	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
MW-4s	01/06/93	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	NR	2	NR	NA	NA	BDL
	05/13/93	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	07/06/93	BDL	NR	NR	NR	NR	NR	NR	NR	0.021	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	08/26/93	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	11/24/93	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	10/07/94	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	02/26/96	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	01/15/97	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	01/14/98	<1	NR	NR	NR	NR	NR	NR	NR	NA	NR	<1	NR	NR	<2	NR	NA	NR	NR	NR	<1	NR	NA	NA	<4	
	05/22/06	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	BDL	NR	NR	NR	BDL	NR	NA	NA	BDL	
	05/18/07	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	BDL	NR	NR	NR	BDL	NR	BDL	BDL	BDL	
	09/22/11	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	BDL	NR	NR	NR	BDL	NR	BDL	BDL	BDL	
	Not Sampled Since 2011																									
	MW-4i	02/21/93	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	NR	BDL	NR	NA	NA
08/26/93		BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
11/24/93		BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
10/07/94		BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
02/26/96		BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
01/15/97		BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
01/14/98		<1	NR	NR	NR	NR	NR	NR	NR	NA	NR	<1	NR	NR	<2	NR	NA	NR	NR	NR	<1	NR	NA	NA	<4	
05/22/06		BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	BDL	NR	NR	NR	BDL	NR	NA	NA	BDL	
05/18/07		BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	BDL	NR	NR	NR	BDL	NR	BDL	BDL	BDL	
09/22/11		BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	BDL	NR	NR	NR	BDL	NR	BDL	BDL	BDL	
Not Sampled Since 2011																										
2L Standard (ug/L)		1	0.6	100	70	70	3,000	70	0.4	0.02	0.4	600	70	25	20	5	6	70	70	0.2	600	3	400	400	500	
GCL (ug/L)		5,000	NE	100,000	6,900	8,500	NE	70,000	400	50	400	84,500	25,000	11,700	20,000	5,000	6,000	30,000	70,000	200	260,000	3,000	28,500	25,000	85,500	

Results in µg/L.  
<- denotes less than sample reporting detection limit.  
"-." denotes not analyzed.  
Grey shading denotes levels above the 2L standard.  
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J - Analyte was detected above method detection limits but below laboratory reporting limits.

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Table 4  
Summary of Groundwater Analytical Results  
Corner Store  
Maxton, North Carolina  
Terracon Project Number 70149611A  
NCDEQ Incident No. 5099

Analytical Method		6200B																								
Contaminant of Concern →																										
Well/Sample I.D.	Date Collected (mm/dd/yy)	Benzene	Bromodichloromethane	Bromomethane	n-Butylbenzene	sec-Butylbenzene	Chloroethane	Chloroform	Dibromochloromethane	1,2-Dibromoethane (EDB)	1,2-Dichloroethane	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	Methyl tert butyl ether (MTBE)	Methylene chloride	Naphthalene	n-Propylbenzene	Styrene	1,1,2,2-Tetrachloroethane	Toluene	Trichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes (Total)	
MW-4d	03/11/93	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	08/26/93	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	203	NR	NA	NA	BDL	
	04/19/94	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	10/07/94	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	0.84	NR	NA	NA	BDL	
	05/09/95	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	02/26/96	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	05/15/95	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	09/25/96	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	01/15/97	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	01/15/97	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	05/07/97	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	01/14/98	<1	NR	NR	NR	NR	NR	NR	NR	NA	NR	<1	NR	NR	<2	NR	NA	NR	NR	NR	<1	NR	NA	NA	<4	
	05/22/06	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	BDL	NR	NR	NR	BDL	NR	NA	NA	BDL	
	05/18/07	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	BDL	NR	NR	NR	BDL	NR	BDL	BDL	BDL	
09/22/11	NA	NR	NR	NR	NR	NR	NR	NR	NR	NA	NR	NA	NR	NR	NA	NR	NA	NR	NR	NR	NA	NR	NA	NA	NA	
Not Located Since 2007																										
MW-5i	02/21/93	110	NR	NR	NR	NR	NR	NR	NR	0.061	NR	29	NR	NR	BDL	NR	NA	NR	NR	NR	NR	210	NR	NA	NA	340
	05/13/93	11	NR	NR	NR	NR	NR	NR	NR	0.02	NR	BDL	NR	NR	18	NR	NA	NR	NR	NR	2	NR	NA	NA	20	
	07/06/93	44	NR	NR	NR	NR	NR	NR	NR	0.067	NR	BDL	NR	NR	33	NR	NA	NR	NR	NR	27	NR	NA	NA	100	
	08/26/93	9	NR	NR	NR	NR	NR	NR	NR	BDL	NR	3	NR	NR	14	NR	NA	NR	NR	NR	18	NR	NA	NA	53	
	11/24/93	19	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	NR	NR	NA	NR	NR	NR	2	NR	NA	NA	61	
	04/19/94	69	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	62	NR	NA	NR	NR	NR	15	NR	NA	NA	130	
	10/07/94	360	NR	NR	NR	NR	NR	NR	NR	0.48	NR	20	NR	NR	49	NR	NA	NR	NR	NR	74	NR	NA	NA	680	
	05/09/95	59	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	22	NR	NA	NR	NR	NR	4.5	NR	NA	NA	110	
	10/16/95	611	NR	NR	NR	NR	NR	NR	NR	NA	NR	63	NR	NR	123	NR	NA	NR	NR	NR	153	NR	NA	NA	877	
	02/26/96	190	NR	NR	NR	NR	NR	NR	NR	NA	NR	30	NR	NR	73	NR	NA	NR	NR	NR	61	NR	NA	NA	480	
	05/15/96	86	NR	NR	NR	NR	NR	NR	NR	NR	NA	NR	7	NR	NR	18	NR	NA	NR	NR	20	NR	NA	NA	171	
	09/25/96	84	NR	NR	NR	NR	NR	NR	NR	NA	NR	3	NR	NR	30	NR	NA	NR	NR	NR	8	NR	NA	NA	87	
	01/15/97	34	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	12	NR	NA	NR	NR	NR	2	NR	NA	NA	48	
	05/07/97	22	NR	NR	NR	NR	NR	NR	NR	NA	NR	1	NR	NR	8	NR	NA	NR	NR	NR	5	NR	NA	NA	96	
	10/15/97	140	NR	NR	NR	NR	NR	NR	NR	NA	NR	45	NR	NR	BDL	NR	NA	NR	NR	NR	120	NR	NA	NA	370	
	01/14/98	160	NR	NR	NR	NR	NR	NR	NR	NA	NR	100	NR	NR	<80	NR	NA	NR	NR	NR	190	NR	NA	NA	1,540	
	04/28/06	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	15.5	NR	NR	BDL	NR	58.7	NR	NR	NR	13.3	NR	NA	NA	238	
	05/17/07	<5	NR	NR	NR	NR	NR	NR	NR	NR	BDL	NR	15	NR	NR	<5	NR	44	NR	NR	NR	40	NR	810	300	510
	09/22/11	0.68	NR	NR	NR	NR	NR	NR	NR	BDL	NR	53	NR	NR	18	NR	240	NR	NR	NR	22	NR	3,900	1,500	1,860	
	10/29/14	1.9	NR	<0.20	5.8	1.3	0.9	0.30J	NR	<0.061	NR	1.2	1.3	<0.018	1.8	0.86	1.6	1.1	0.56	NR	0.26J	NR	15	12	28	
	11/18/15	1 J	NR	<2.5	<2.5	4	<2.5	1.9 J	NR	<2.5	NR	5	0.82 J	54	<2.5	<2.5	31	1.5 J	<2.5	NR	5	NR	140	580	1,690	
	3/30/16	1.5	NR	<0.5	<0.5	<0.5	<0.5	0.29 J	NR	<0.5	NR	1.9	<0.5	<0.5	1.7	0.45 J	5.2	<0.5	<0.5	<0.5	0.44 J	<0.5	26	120	116	
	04/19/17	<0.5	NR	<0.5	3.2	<0.5	<0.5	<0.5	<0.5	NR	<0.5	NR	<0.5	<0.5	0.47	<0.5	<0.5	0.92	<0.5	<0.5	<0.5	<0.5	2.2	3.3	6.8	
	10/05/17	0.83	<0.5	<0.5	<0.5	<0.5	0.82	0.89	<0.5	<0.5	<0.5	1.8	<0.5	<0.5	<0.5	<0.5	16	0.99	<0.5	<0.5	2.3	<0.5	190	400	153	
	3/28/18	Not Sampled (insufficient water)																								
	07/08/19	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.98	0.71	1.3	
2L Standard (µg/L)		1	0.6	100	70	70	3,000	70	0.4	0.02	0.4	600	70	25	20	5	6	70	70	0.2	600	3	400	400	500	
GCL (µg/L)		5,000	NE	100,000	6,900	8,500	NE	70,000	400	50	400	84,500	25,000	11,700	20,000	5,000	6,000	30,000	70,000	200	260,000	3,000	28,500	25,000	85,500	

Results in µg/L.  
<- denotes less than sample reporting detection limit.  
"-." denotes not analyzed.  
Grey shading denotes levels above the 2L standard.  
Yellow shading denotes levels above the Gross Contamination Levels (GCLs).  
J - Analyte was detected above method detection limits but below laboratory reporting limits.

ND - Non-detect  
NE - Not established  
NR - Not reported  
NA - Not analyzed  
NS - Not Sampled

Table 4  
Summary of Groundwater Analytical Results  
Corner Store  
Maxton, North Carolina  
Terracon Project Number 70149611A  
NCDEQ Incident No. 5099

Analytical Method		6200B																								
Contaminant of Concern →																										
Well/Sample I.D.	Date Collected (mm/dd/yy)	Benzene	Bromodichloromethane	Bromomethane	n-Butylbenzene	sec-Butylbenzene	Chloroethane	Chloroform	Dibromochloromethane	1,2-Dibromoethane (EDB)	1,2-Dichloroethane	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	Methyl tert butyl ether (MTBE)	Methylene chloride	Naphthalene	n-Propylbenzene	Styrene	1,1,2,2-Tetrachloroethane	Toluene	Trichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes (Total)	
MW-6s	02/21/93	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	07/06/93	BDL	NR	NR	NR	NR	NR	NR	NR	0.025	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	08/26/93	NA	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	NR	NR	NA	NR	NR	NR	NR	NR	NA	NA	NR	
	11/23/93	820	NR	NR	NR	NR	NR	NR	NR	15	NR	BDL	NR	NR	5,300	NR	NA	NR	NR	NR	BDL	NR	NA	NA	620	
	04/18/93	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	16	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	10/07/94	6	NR	NR	NR	NR	NR	NR	NR	0.12	NR	BDL	NR	NR	520	NR	NA	NR	NR	NR	1	NR	NA	NA	3.6	
	05/09/95	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	10/16/95	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	453	NR	NA	NR	NR	NR	18	NR	NA	NA	3	
	02/26/96	2	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	180	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	05/15/96	1	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	75	NR	NA	NR	NR	NR	BDL	NR	NA	NA	7	
	09/25/96	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	780	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	01/15/97	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	420	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	05/17/97	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	510	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	10/15/97	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	180	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	01/14/98	4	NR	NR	NR	NR	NR	NR	NR	BDL	NR	<1	NR	NR	31	NR	NA	NR	NR	NR	<1	NR	NA	NA	10	
05/22/06	NS	NR	NR	NR	NR	NR	NR	NR	NS	NR	NS	NR	NR	NS	NR	NS	NR	NR	NR	NS	NR	NS	NS	NS		
05/17/07	NS	NR	NR	NR	NR	NR	NR	NR	NS	NR	NS	NR	NR	NS	NR	NS	NR	NR	NR	NS	NR	NS	NS	NS		
09/22/11	NA	NR	NR	NR	NR	NR	NR	NR	NR	NA	NR	NA	NR	NA	NR	NA	NR	NR	NR	NR	NA	NR	NA	NA	NA	
10/29/14	Not Sampled																									
11/18/15	Not Sampled (insufficient water)																									
MW-6sr	03/31/16	<0.5	NR	<0.5	<0.5	<0.5	<0.5	0.93	NR	<0.5	NR	<0.5	<0.5	<0.5	0.54	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
	04/19/17	<0.5	NR	<0.5	<0.5	<0.5	<0.5	<0.5	NR	<0.5	NR	<0.5	<0.5	<0.5	0.54	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
	10/05/17	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
	07/01/19	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
MW-6i	02/21/93	3	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	25	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	05/13/93	8	NR	NR	NR	NR	NR	NR	NR	NA	NR	2	NR	NR	2	NR	NA	NR	NR	NR	4	NR	NA	NA	BDL	
	07/06/93	180	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	4	NR	NA	NR	NR	NR	BDL	NR	NA	NA	3	
	08/26/93	50	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	17	NR	NA	NA	BDL	
	11/23/93	79	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	130	NR	NA	NA	BDL	
	04/18/94	250	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	16	NR	NA	NA	2	
	10/07/94	500	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	76	NR	NA	NA	BDL	
	05/09/95	280	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	250	NR	NA	NA	BDL	
	10/16/95	47	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	2	NR	NA	NA	BDL	
	02/26/96	37	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	05/15/96	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	09/25/96	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	01/15/97	2	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	1	NR	NA	NA	BDL	
	05/07/97	2	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	10/15/97	120	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	6	NR	NA	NA	BDL	
	01/14/98	62	NR	NR	NR	NR	NR	NR	NR	NR	NA	NR	<4	NR	NR	<2	NR	NA	NR	NR	<4	NR	NA	NA	<4	
	05/22/06	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	BDL	NR	NR	NR	BDL	NR	NA	NA	BDL	
	05/17/07	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	BDL	NR	NR	NR	BDL	NR	BDL	BDL	BDL	
	09/22/11	NA	NR	NR	NR	NR	NR	NR	NR	NR	NA	NR	NA	NR	NR	NA	NR	NA	NR	NR	NR	NA	NR	NA	NA	NA
	10/29/14	Not Sampled																								
	11/18/15	<0.5	NR	<0.5	<0.5	<0.5	<0.5	<0.5	0.53	NR	<0.5	NR	<0.5	<0.5	<0.5	17	<0.5	<0.5	<0.5	<0.5	NR	<0.5	NR	<0.5	<0.5	0.21 J
	03/31/16	<0.5	NR	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NR	<0.5	NR	<0.5	<0.5	<0.5	3.6	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	04/19/17	<0.5	NR	<0.5	<0.5	<0.5	<0.5	<0.5	0.72	NR	<0.5	NR	<0.5	<0.5	<0.5	6.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	10/05/17	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.40	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	18	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	3/28/18	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	6.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.7
	07/01/19	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.76	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	13	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
2L Standard (µg/L)		1	0.6	100	70	70	3,000	70	0.4	0.02	0.4	600	70	25	20	5	6	70	70	0.2	600	3	400	400	500	
GCL (µg/L)		5,000	NE	100,000	6,900	8,500	NE	70,000	400	50	400	84,500	25,000	11,700	20,000	5,000	6,000	30,000	70,000	200	260,000	3,000	28,500	25,000	85,500	

Results in µg/L.  
<- denotes less than sample reporting detection limit.  
"- denotes not analyzed.  
Grey shading denotes levels above the 2L standard.  
Yellow shading denotes levels above the Gross Contamination Levels (GCLs).  
J - Analyte was detected above method detection limits but below laboratory reporting limits.

ND - Non-detect  
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Table 4  
Summary of Groundwater Analytical Results  
Corner Store  
Maxton, North Carolina  
Terracon Project Number 70149611A  
NCDEQ Incident No. 5099

Analytical Method		6200B																								
Contaminant of Concern →																										
Well/Sample I.D.	Date Collected (mm/dd/yy)	Benzene	Bromodichloromethane	Bromomethane	n-Butylbenzene	sec-Butylbenzene	Chloroethane	Chloroform	Dibromochloromethane	1,2-Dibromoethane (EDB)	1,2-Dichloroethane	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	Methyl tert butyl ether (MTBE)	Methylene chloride	Naphthalene	n-Propylbenzene	Styrene	1,1,2,2-Tetrachloroethane	Toluene	Trichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes (Total)	
MW-6d	03/11/93	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	25	NR	NA	NR	NR	NR	NR	BDL	NR	NA	NA	BDL
	05/13/93	BDL	NR	NR	NR	NR	NR	NR	NR	NR	NA	NR	2	NR	NR	2	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL
	07/06/93	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	4	NR	NA	NR	NR	NR	NR	BDL	NR	NA	NA	3
	08/26/93	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	NR	BDL	NR	NA	NA	BDL
	11/23/93	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	NR	BDL	NR	NA	NA	BDL
	04/18/94	2	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	NR	2	NR	NA	NA	2
	10/07/94	4.3	NR	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	1.2	NR	NA	NA	BDL
	05/09/95	BDL	NR	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL
	02/26/96	BDL	NR	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL
	05/15/96	BDL	NR	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL
	09/25/96	BDL	NR	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL
	01/15/97	BDL	NR	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL
	05/07/97	BDL	NR	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL
	10/15/97	BDL	NR	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL
	01/14/98	<1	NR	NR	NR	NR	NR	NR	NR	NR	NA	NR	<1	NR	NR	<2	NR	NA	NR	NR	NR	<1	NR	NA	NA	<4
	05/22/06	BDL	NR	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	BDL	NR	NR	NR	BDL	NR	NA	NA	BDL
	05/17/07	BDL	NR	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	BDL	NR	NR	NR	BDL	NR	1.2	BDL	BDL
	09/22/11	BDL	NR	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	BDL	NR	NR	NR	BDL	NR	BDL	BDL	BDL
	10/29/14	Not Sampled																								
	11/18/15	<0.5	NR	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NR	<0.5	NR	<0.5	<0.5	<0.5	0.65	<0.5	<0.5	<0.5	<0.5	NA	<0.5	NA	<0.5	<0.5	<0.5
	03/31/16	<0.5	NR	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NR	<0.5	NR	<0.5	<0.5	<0.5	0.27 J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.41 J
	04/19/17	<0.5	NR	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NR	<0.5	NR	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	10/05/17	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.43J	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	03/28/18	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	07/01/19	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	6.1	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
MW-7	03/11/93	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	NR	4	NR	NA	NA	BDL
	05/13/93	BDL	NR	NR	NR	NR	NR	NR	NR	NR	NA	NR	2	NR	NR	BDL	NR	NA	NR	NR	NR	7	NR	NA	NA	19
	07/06/93	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	11/23/93	NA	NR	NR	NR	NR	NR	NR	NR	BDL	NR	N	NR	NR	NA	NR	NA	NR	NR	NR	NR	NA	NR	NA	NA	NA
	10/07/94	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	NR	0.97	NR	NA	NA	BDL
	05/09/95	BDL	NR	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL
	10/16/95	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	02/26/96	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	05/15/96	BDL	NR	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL
	09/25/96	BDL	NR	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL
	01/15/97	BDL	NR	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL
	05/07/97	BDL	NR	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL
	01/14/98	<1	NR	NR	NR	NR	NR	NR	NR	NR	NA	NR	<1	NR	NR	<4	NR	NA	NR	NR	NR	<1	NR	NA	NA	<4
	05/22/06	NS	NR	NR	NR	NR	NR	NR	NR	NR	NS	NR	NS	NR	NR	NS	NR	NS	NR	NR	NR	NS	NR	NS	NS	NS
	05/17/07	NS	NR	NR	NR	NR	NR	NR	NR	NR	NS	NR	NS	NR	NR	NS	NR	NS	NR	NR	NR	NS	NR	NS	NS	NS
	09/22/11	NA	NR	NR	NR	NR	NR	NR	NR	NR	NA	NR	NA	NR	NR	NA	NR	NA	NR	NR	NR	NA	NR	NA	NA	NA
	10/29/14	Not Sampled																								
	03/30/16	<0.5	NR	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NR	<0.5	NR	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	04/20/17	<0.5	NR	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NR	<0.5	NR	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	10/05/17	Not Sampled (insufficient water)																								
	3/28/18	Not Sampled (insufficient water)																								
	07/08/19	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	2L Standard (µg/L)		1	0.6	100	70	70	3,000	70	0.4	0.02	0.4	600	70	25	20	5	6	70	70	0.2	600	3	400	400	500
	GCL (µg/L)		5,000	NE	100,000	6,900	8,500	NE	70,000	400	50	400	84,500	25,000	11,700	20,000	5,000	6,000	30,000	70,000	200	260,000	3,000	28,500	25,000	85,500

Results in µg/L.  
<- denotes less than sample reporting detection limit.  
"-" denotes not analyzed.  
Grey shading denotes levels above the 2L standard.  
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Table 4  
Summary of Groundwater Analytical Results  
Corner Store  
Maxton, North Carolina  
Terracon Project Number 70149611A  
NCDEQ Incident No. 5099

Analytical Method		6200B																									
Contaminant of Concern →																											
Well/Sample I.D.	Date Collected (mm/dd/yy)	Benzene	Bromodichloromethane	Bromomethane	n-Butylbenzene	sec-Butylbenzene	Chloroethane	Chloroform	Dibromochloromethane	1,2-Dibromoethane (EDB)	1,2-Dichloroethane	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	Methyl tert butyl ether (MTBE)	Methylene chloride	Naphthalene	n-Propylbenzene	Styrene	1,1,2,2-Tetrachloroethane	Toluene	Trichloroethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes (Total)		
MW-8	02/21/93	27	NR	NR	NR	NR	NR	NR	NR	0.065	NR	BDL	NR	NR	350	NR	NA	NR	NR	NR	BDL	NR	NR	NA	NA	42	
	05/13/93	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NR	NA	BDL		
	07/06/93	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL		
	08/26/93	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	3	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL		
	11/23/93	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	10	NR	NA	NR	NR	NR	1	NR	NA	NA	2		
	04/18/94	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	39	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL		
	10/07/94	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	2	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL		
	05/09/95	BDL	NR	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	10/16/95	BDL	NR	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	02/26/96	BDL	NR	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	05/15/96	BDL	NR	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	09/25/96	BDL	NR	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	01/15/97	BDL	NR	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	05/07/97	BDL	NR	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	10/15/97	BDL	NR	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	4	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	01/14/98	<1	NR	NR	NR	NR	NR	NR	NR	NR	NA	NR	<1	NR	NR	<2	NR	NA	NR	NR	NR	BDL	NR	NA	NA	<4	
	04/28/06	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	BDL	NR	NR	NR	NR	<1	NR	NA	NA	BDL	
	05/17/07	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	BDL	NR	BDL	NR	NR	BDL	NR	BDL	BDL	BDL	
	09/22/11	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	BDL	NR	BDL	NR	NR	BDL	NR	BDL	BDL	BDL	
	10/29/14		Not Sampled																								
	11/19/15		<0.5	NR	<0.5	<0.5	<0.5	<0.5	<0.5	NR	<0.5	NR	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NR	<0.5	NR	<0.5	<0.5	0.2 J	
	03/30/16		<0.5	NR	<0.5	<0.5	<0.5	<0.5	<0.5	NR	<0.5	NR	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	<0.5	NA	<0.5	<0.5	<0.5	
	04/19/17		<0.5	NR	<0.5	<0.5	<0.5	<0.5	<0.5	NR	<0.5	NR	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
	10/05/17		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
	3/28/18		Not Sampled (insufficient water)																								
	07/01/19		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	
MW-9s	03/11/93	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	NR	62	NR	NA	NA	BDL	
	05/13/93	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL		
	07/06/93	BDL	NR	NR	NR	NR	NR	NR	NR	0.022	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL		
	08/26/93	NA	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	NA	NR	NA	NR	NR	NR	BDL	NR	NA	NA	NA		
	11/23/93	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL		
	10/07/94	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL		
	02/26/96	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL		
	01/15/97	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL		
	01/14/98	<1	NR	NR	NR	NR	NR	NR	NR	NR	NA	NR	<1	NR	NR	<2	NR	NA	NR	NR	NR	<1	NR	NA	NA	<4	
	04/28/06	NS	NR	NR	NR	NR	NR	NR	NR	NS	NR	NS	NR	NR	NS	NR	NS	NR	NR	NR	NS	NR	NS	NS	NS	NS	
	05/17/07	NS	NR	NR	NR	NR	NR	NR	NR	NS	NR	NS	NR	NR	NS	NR	NS	NR	NR	NR	NS	NR	NS	NS	NS	NS	
	09/22/11	NA	NR	NR	NR	NR	NR	NR	NR	NA	NR	NA	NR	NR	NA	NR	NA	NR	NR	NR	NA	NR	NA	NA	NA	NA	
		Not Located Since 2007																									
2L Standard (µg/L)		1	0.6	100	70	70	3,000	70	0.4	0.02	0.4	600	70	25	20	5	6	70	70	0.2	600	3	400	400	500		
GCL (µg/L)		5,000	NE	100,000	6,900	8,500	NE	70,000	400	50	400	84,500	25,000	11,700	20,000	5,000	6,000	30,000	70,000	200	260,000	3,000	28,500	25,000	85,500		

Results in µg/L.  
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Corner Store  
Maxton, North Carolina  
Terracon Project Number 70149611A  
NCDEQ Incident No. 5099

Analytical Method		6200B																								
Contaminant of Concern -->																										
Well/Sample I.D.	Date Collected (mm/dd/yy)	Benzene	Bromodichloromethane	Bromomethane	n-Butylbenzene	sec-Butylbenzene	Chloroethane	Chloroform	Dibromochloromethane	1,2-Dibromoethane (EDB)	1,2-Dichloroethane	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	Methyl tert butyl ether (MTBE)	Methylene chloride	Naphthalene	n-Propylbenzene	Styrene	1,1,2,2-Tetrachloroethane	Toluene	Trichloroethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes (Total)	
MW-9i	07/06/93	71	NR	NR	NR	NR	NR	NR	NR	0.2	NR	BDL	NR	NR	85	NR	NA	NR	NR	NR	NR	1	NR	NA	NA	41
	08/26/93	12	NR	NR	NR	NR	NR	NR	NR	0.036	NR	BDL	NR	NR	100	NR	NA	NR	NR	NR	BDL	NR	NA	NA	9	
	11/23/93	120	NR	NR	NR	NR	NR	NR	NR	0.14	NR	7	NR	NR	170	NR	NA	NR	NR	NR	98	NR	NA	NA	230	
	04/19/94	2	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	40	NR	NA	NR	NR	NR	BDL	NR	NA	NA	3	
	10/07/94	1	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	82	NR	NA	NR	NR	NR	0.79	NR	NA	NA	BDL	
	05/09/95	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	10/16/95	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	3	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	02/26/96	5	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	16	NR	NA	NR	NR	NR	BDL	NR	NA	NA	14	
	05/15/96	67	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	8	NR	NA	NR	NR	NR	BDL	NR	NA	NA	157	
	09/25/96	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	3	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	01/15/97	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	05/07/97	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	10/15/97	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	4	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	01/14/98	<1	NR	NR	NR	NR	NR	NR	NR	NA	NR	<1	NR	NR	10	NR	NA	NR	NR	NR	<1	NR	NA	NA	<4	
	04/28/06	NS	NR	NR	NR	NR	NR	NR	NR	NS	NR	NS	NR	NR	NS	NR	NS	NR	NR	NR	NS	NR	NS	NS	NS	NS
05/17/07	NS	NR	NR	NR	NR	NR	NR	NR	NS	NR	NS	NR	NR	NS	NR	NS	NR	NR	NR	NS	NR	NS	NS	NS	NS	
09/22/11	NA	NR	NR	NR	NR	NR	NR	NR	NR	NA	NR	NA	NR	NR	NA	NR	NA	NR	NR	NR	NA	NR	NA	NA	NA	
MW-10i	Not Located Since 2007																									
	08/26/93	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	11/23/93	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	91	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	04/19/94	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	4	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	10/07/94	4.7	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	7.8	NR	NA	NR	NR	NR	1.1	NR	NA	NA	BDL	
	05/09/95	5.6	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	220	NR	NA	NR	NR	NR	BDL	NR	NA	NA	2.8	
	10/16/95	179	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	925	NR	NA	NR	NR	NR	1	NR	NA	NA	34.9	
	02/26/96	1	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	120	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	05/15/96	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	94	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	09/25/96	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	190	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	01/15/97	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	75	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	05/07/97	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	79	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	10/15/97	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	35	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	01/14/98	<1	NR	NR	NR	NR	NR	NR	NR	NA	NR	<1	NR	NR	16	NR	NA	NR	NR	NR	<1	NR	NA	NA	<4	
	04/28/06	NS	NR	NR	NR	NR	NR	NR	NR	NS	NR	NS	NR	NR	NS	NR	NS	NR	NR	NR	NS	NR	NS	NS	NS	NS
05/17/07	NS	NR	NR	NR	NR	NR	NR	NR	NS	NR	NS	NR	NR	NS	NR	NS	NR	NR	NR	NS	NR	NS	NS	NS	NS	
09/22/11	NA	NR	NR	NR	NR	NR	NR	NR	NR	NA	NR	NA	NR	NR	NA	NR	NA	NR	NR	NR	NA	NR	NA	NA	NA	
2L Standard (µg/L)		1	0.6	100	70	70	3,000	70	0.4	0.02	0.4	600	70	25	20	5	6	70	70	0.2	600	3	400	400	500	
GCL (µg/L)		5,000	NE	100,000	6,900	8,500	NE	70,000	400	50	400	84,500	25,000	11,700	20,000	5,000	6,000	30,000	70,000	200	260,000	3,000	28,500	25,000	85,500	

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Well/Sample I.D.	Date Collected (mm/dd/yy)	Benzene	Bromodichloromethane	Bromomethane	n-Butylbenzene	sec-Butylbenzene	Chloroethane	Chloroform	Dibromochloromethane	1,2-Dibromoethane (EDB)	1,2-Dichloroethane	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	Methyl tert butyl ether (MTBE)	Methylene chloride	Naphthalene	n-Propylbenzene	Styrene	1,1,2,2-Tetrachloroethane	Toluene	Trichloroethane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes (Total)	
MW-10d	08/26/93	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	NR	BDL	NR	NA	NA	2
	11/23/93	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	04/19/94	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	4	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	10/07/94	0.86	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	1.1	NR	NA	NA	BDL	
	05/09/95	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	02/26/96	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	05/15/96	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	09/25/96	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	190	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	01/15/97	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	18	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	05/07/97	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	14	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	10/15/97	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	13	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	01/14/98	<1	NR	NR	NR	NR	NR	NR	NR	NA	NR	<1	NR	NR	10	NR	NA	NR	NR	NR	<1	NR	NA	NA	<4	
04/28/06	NS	NR	NR	NR	NR	NR	NR	NR	NS	NR	NS	NR	NR	NS	NR	NS	NR	NR	NR	NS	NR	NS	NS	NS		
05/17/07	NS	NR	NR	NR	NR	NR	NR	NR	NS	NR	NS	NR	NR	NS	NR	NS	NR	NR	NR	NS	NR	NS	NS	NS		
09/22/11	NA	NR	NR	NR	NR	NR	NR	NR	NR	NA	NR	NA	NR	NR	NA	NR	NA	NR	NR	NR	NA	NR	NA	NA	NA	
Not Located Since 2007																										
MW-11d	07/14/94	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	NR	BDL	NR	NA	NA	BDL
	10/07/94	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	1	NR	NA	NR	NR	NR	NR	0.9	NR	NA	NA	BDL
	02/26/96	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	01/15/97	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	01/14/98	<1	NR	NR	NR	NR	NR	NR	NR	NA	NR	<1	NR	NR	<4	NR	NA	NR	NR	NR	<1	NR	NA	NA	<4	
	04/28/06	NS	NR	NR	NR	NR	NR	NR	NR	NS	NR	NS	NR	NR	NS	NR	NS	NR	NR	NR	NS	NR	NS	NS	NS	
	05/17/07	NS	NR	NR	NR	NR	NR	NR	NR	NS	NR	NS	NR	NR	NS	NR	NS	NR	NR	NR	NS	NR	NS	NS	NS	
	09/22/11	NA	NR	NR	NR	NR	NR	NR	NR	NA	NR	NA	NR	NR	NA	NR	NA	NR	NR	NR	NA	NR	NA	NA	NA	
Not Located Since 2007																										
MW-12i	08/26/93	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	1	NR	NA	NR	NR	NR	NR	BDL	NR	NA	NA	BDL
	11/24/93	5	NR	NR	NR	NR	NR	NR	NR	BDL	NR	1	NR	NR	4	NR	NA	NR	NR	NR	NR	3	NR	NA	NA	6
	04/19/93	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	10/07/94	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	1.1	NR	NA	NA	BDL	
	02/26/96	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	01/15/97	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL	
	01/14/98	<1	NR	NR	NR	NR	NR	NR	NR	NA	NR	<1	NR	NR	<2	NR	NA	NR	NR	NR	<1	NR	NA	NA	<4	
	05/22/06	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	BDL	NR	NR	NR	BDL	NR	NA	NA	BDL	
	05/17/07	NS	NR	NR	NR	NR	NR	NR	NR	NS	NR	NS	NR	NR	NS	NR	NS	NR	NR	NR	NS	NR	NS	NS	NS	
	09/22/11	NA	NR	NR	NR	NR	NR	NR	NR	NA	NR	NA	NR	NR	NA	NR	NA	NR	NR	NR	NS	NR	NA	NA	NA	
Not Sampled Since 2006																										
2L Standard (µg/L)		1	0.6	100	70	70	3,000	70	0.4	0.02	0.4	600	70	25	20	5	6	70	70	0.2	600	3	400	400	500	
GCL (µg/L)		5,000	NE	100,000	6,900	8,500	NE	70,000	400	50	400	84,500	25,000	11,700	20,000	5,000	6,000	30,000	70,000	200	260,000	3,000	28,500	25,000	85,500	

Results in µg/L.  
<- denotes less than sample reporting detection limit.  
"-." denotes not analyzed.  
Grey shading denotes levels above the 2L standard.  
Yellow shading denotes levels above the Gross Contamination Levels (GCLs).  
J - Analyte was detected above method detection limits but below laboratory reporting limits.

ND - Non-detect  
NE - Not established  
NR - Not reported  
NA - Not analyzed  
NS - Not Sampled



**Table 4**  
**Summary of Groundwater Analytical Results**  
**Corner Store**  
**Maxton, North Carolina**  
**Terracon Project Number 70149611A**  
**NCDEQ Incident No. 5099**

Analytical Method		6200B																									
Contaminant of Concern →																											
Well/Sample I.D.	Date Collected (mm/dd/yy)	Benzene	Bromodichloromethane	Bromomethane	n-Butylbenzene	sec-Butylbenzene	Chloroethane	Chloroform	Dibromochloromethane	1,2-Dibromoethane (EDB)	1,2-Dichloroethane	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	Methyl tert butyl ether (MTBE)	Methylene chloride	Naphthalene	n-Propylbenzene	Styrene	1,1,2,2-Tetrachloroethane	Toluene	Trichloroethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes (Total)		
MW-13i	08/26/93	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	2	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL		
	11/24/93	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	2	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL		
	04/19/94	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	1	NR	NA	NR	NR	NR	2	NR	NA	NA	2		
	10/07/94	0.49	NR	NR	NR	NR	NR	NR	NR	BDL	NR	0.92	NR	NR	BDL	NR	NA	NR	NR	NR	3.6	NR	NA	NA	5.7		
	02/26/96	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL		
	01/15/97	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL		
	01/14/98	NS	NR	NR	NR	NR	NR	NR	NR	NS	NR	NS	NR	NR	NS	NR	NS	NR	NR	NR	NS	NR	NS	NS	NS		
	05/09/96	NS	NR	NR	NR	NR	NR	NR	NR	NS	NR	NS	NR	NR	NS	NR	NS	NR	NR	NR	NS	NR	NS	NS	NS		
	05/17/07	NS	NR	NR	NR	NR	NR	NR	NR	NS	NR	NS	NR	NR	NS	NR	NS	NR	NR	NR	NS	NR	NS	NS	NS		
09/22/11	NA	NR	NR	NR	NR	NR	NR	NR	NR	NA	NR	NA	NR	NR	NA	NR	NA	NR	NR	NR	NA	NR	NA	NA	NA		
Not Located Since 2007																											
MW-13d	08/27/93	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	4	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL		
	11/24/93	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	4	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL		
	04/19/94	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	2	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL		
	10/07/94	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	3.3	NR	NA	NR	NR	NR	0.8	NR	NA	NA	BDL		
	02/26/96	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL		
	01/15/97	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL		
	01/14/98	NS	NR	NR	NR	NR	NR	NR	NR	NS	NR	NS	NR	NR	NS	NR	NS	NR	NR	NR	NS	NR	NS	NS	NS		
	05/09/96	NS	NR	NR	NR	NR	NR	NR	NR	NS	NR	NS	NR	NR	NS	NR	NS	NR	NR	NR	NS	NR	NS	NS	NS		
	05/17/07	NS	NR	NR	NR	NR	NR	NR	NR	NS	NR	NS	NR	NR	NS	NR	NS	NR	NR	NR	NS	NR	NS	NS	NS		
09/22/11	NA	NR	NR	NR	NR	NR	NR	NR	NA	NR	NA	NR	NR	NA	NR	NA	NR	NR	NR	NR	NA	NR	NA	NA	NA		
Not Located Since 2007																											
MW-14i	08/27/93	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	1		
	11/24/93	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL		
	10/07/94	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL		
	05/09/96	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL		
	10/19/95	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL		
	02/26/96	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL		
	05/15/96	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL		
	09/25/96	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL		
	01/15/97	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL		
	05/07/97	BDL	NR	NR	NR	NR	NR	NR	NR	NA	NR	BDL	NR	NR	BDL	NR	NA	NR	NR	NR	BDL	NR	NA	NA	BDL		
	01/14/98	<1	NR	NR	NR	NR	NR	NR	NR	NA	NR	<1	NR	NR	<2	NR	NA	NR	NR	NR	<1	NR	NA	NA	<4		
	04/28/06	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	BDL	NR	NR	NR	BDL	NR	NA	NA	BDL		
	05/15/07	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	BDL	NR	NR	NR	BDL	NR	BDL	BDL	BDL		
	09/22/11	BDL	NR	NR	NR	NR	NR	NR	NR	BDL	NR	BDL	NR	NR	BDL	NR	BDL	NR	NR	NR	BDL	NR	BDL	BDL	BDL		
	10/29/14	Not Sampled																									
	11/18/15	<0.5	NR	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NR	<0.5	NR	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NR	<0.5	NR	<0.5	<0.5	0.2 J	
	03/30/16	<0.5	NR	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NR	<0.5	NR	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.1 J	
04/20/17	<0.5	NR	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NR	<0.5	NR	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
10/05/17	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			
03/28/18	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			
07/08/19	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			
MW-15s	03/31/16	<0.5	NR	<0.5	<0.5	<0.5	<0.5	<0.5	NR	<0.5	NR	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
	04/19/17	Not Sampled (insufficient water)																									
	10/06/17	Not Sampled (insufficient water)																									
	3/28/18	Not Sampled (insufficient water)																									
	07/01/19	Not Sampled (located under dumpster)																									
MW-15i	03/31/16	3.8	NR	<0.5	2.6	1.2	<0.5	0.8	NR	<0.5	NR	2.5	7.3	<0.5	2.9	<0.5	27.0	3.9	<0.5	0.34 J	1.5	1.2	95	4.1	161		
	04/19/17	1.0	NR	<0.5	1.2	0.65	<0.5	0.42	NR	<0.5	NR	1.5	4.0	<0.5	<0.5	<0.5	15	2.1	<0.5	<0.5	3.2	<0.5	50	<0.5	93		
	10/06/17	0.67	<0.5	<0.5	1.5	0.78	<0.5	0.53	<0.5	<0.5	<0.5	4.4	4.2	<0.5	1.0	<0.5	14	2.9	<0.5	<0.5	3.0	<0.5	43	1.1	109		
	03/28/18	9.0	<2.5	<2.5	11	5.9	<2.5	<2.5	<2.5	<2.5	<2.5	52	30	<2.5	3.0	<2.5	96	19	<2.5	<2.5	38	<2.5	520	<2.5	610		
	07/08/19	1.2	<0.5	<0.5	17	6.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	18	<0.5	<0.5	<0.5	49	9.5	<0.5	<0.5	0.56	<0.5	190	4.7	209		
MW-16s	03/31/16	<0.5	NR	<0.5	<0.5	<0.5	<0.5	<0.5	NR	<0.5	NR	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.53	<0.5	<0.5	<0.5		
	04/19/17	Not Sampled (insufficient water)																									
	10/06/17	Not Sampled (insufficient water)																									
	3/28/18	Not Sampled (insufficient water)																									
	7/8/19	Not Sampled (insufficient water)																									
MW-16i	03/31/16	<0.5	NR	<0.5	<0.5	<0.5	<0.5	<0.5	NR	<0.5	NR	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	6.8	<0.5	<0.5	0.51		
	04/19/17	<0.5	NR	<0.5	<0.5	<0.5	<0.5	<0.5	NR	<0.5	NR	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
	10/06/17	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			
	03/28/18	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			
	07/08/19	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			
CSW-46	11/19/15	<0.5	NR	<0.5	<0.5	<0.5	<0.5	<0.5	NR	<0.5	NR	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
	03/31/16	<0.5	NR	<0.5	<0.5	<0.5	<0.5	<0.5	NR	<0.5	NR	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		
	04/20/17	<0.5	NR	<0.5	<0.5	<0.5	<0.5	<0.5	NR	<0.5	NR	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			
	10/05/17	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			
	03/28/18	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5			
CSW-51	07/08/19	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		

ND - Non-detect  
NE - Not established  
NR - Not reported  
NA - Not analyzed  
NS - Not Sampled



Table 5  
Summary of Soil Vapor Analytical Results  
Corner Store  
Maxton, North Carolina  
Terracon Project No. 70197411A  
NCDEQ Incident No. 5099

Sample ID:	SV-01	SV-02	SV-03	Residential SGSL	Non-Residential SGSL
Collection Date:	07/01/19	07/01/19	07/01/19		
Screen Depth(ft bls):	5.0	5.0	5.0		
Volatile Organic Compounds (EPA Method TO-15)					
Benzene	<1.28	<1.28	<1.28	120	1,600
n-Butylbenzene	<2.21	<2.21	<2.21	NE	NE
1,2-Dibromoethane (EDB)	<3.08	<3.08	<3.08	1.6	20
Ethylbenzene	<1.73	<1.73	<1.73	370	4,900
Isopropylbenzene	<1.97	<1.97	<1.97	2,800	35,000
MTBE	<1.44	<1.44	<1.44	3,600	47,000
Naphthalene	<6.60	<6.60	<6.60	21	260
n-Propylbenzene	<1.96	<1.96	<1.96	7,000	88,000
Styrene	174	52.0	94.8	7,000	88,000
Toluene	4.53	4.71	10.5	35,000	440,000
Trichloroethylene	<2.14	<2.14	<2.14	14	180
1,2,4-Trimethylbenzene	1.99	168	<1.96	420	5,300
1,3,5-Trimethylbenzene	<1.96	<1.96	<1.96	420	5,300
m&p-Xylene	<3.47	<3.47	5.60	700	8,800
o-Xylene	<1.73	<1.73	2.02	700	8,800

**Notes:**

Detected compounds are shown in the table.

VOC concentrations are reported in micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ).

NCDEQ DWM - North Carolina Department of Environmental Quality Division of Waste Management.

SGSL - Residential/Non-Residential Sub Slab and Exterior Soil Gas Screening Level (February, 2018).

ft bls - feet below land surface.

NE - standard not established.

Bold concentrations indicate greater than method detection limit.

Gray shading indicates exceedance of a regulatory threshold

"<": indicates less than method detection limit.

J: Detected but below laboratory reporting limit; therefore result is an estimated concentration

## **APPENDIX A**

### **FIELD NOTES**

7/14/14

7/11/14

Objective: Sample 13 MWs, 3 WSWs, install  
and sample 3 SV points

Weather: Sunny 90

Personnel: Will Frazier (WF)  
Matthew Perry (MP)

0940 - WF arrive on site

- WF reads daily safety tailgate

0945 - WF begins unloading gear

- MP begins calibrating YSI's

PAR.	YSI # 033482		YSI # <sup>JAP</sup> <del>0772</del> 027920		Notes
	Before	After	Before	After	
pH 4	3.99	4.00	3.93	4.00	
pH 7	6.90	7.00	6.98	7.00	
pH 10	10.18	10.03	10.11	10.02	
ORP	239.6	240.0	240.6	240.0	240.0 mV
Cond.	1.334	1.442	2.221	1.451	1.413 uS/cm
DO <sub>sat</sub>	7.45	9.66	6.77	9.82	

0945 - WF begins drilling vapor points

1015 - MP finished calibrating; begins locating &  
opening wells

1130 - WF finished installing SV-01 through SV-03  
(see construction logs)

7/11/14

70149611A

11<sup>30</sup> MP having trouble locating zone of  
wells; WF and MP survey  
areas together

12<sup>10</sup> - done searching. Following wells not  
located!

• MW-3 (b-rigt?)

• MW-15s (beneath trash)

12<sup>20</sup> MP started gauging. WF decon  
pumps

- monsoon fuse is blown

13<sup>03</sup> - WF deadheads. Summarizes

Summa #	FC #	Start time	Pressure	Stop Time	Pressure
7399	9668	13 <sup>03</sup>	-25	13 <sup>04</sup>	-25
8752	9615	13 <sup>07</sup>	-15	13 <sup>10</sup>	-19
6165	9613	13 <sup>10</sup>	-20		

1345 - recalibrate DO for: ~~Before~~ After  
YSI # 033482 11.12 9.79

1345 PID continually flashes "cal error"  
despite appearing to calibrate  
correctly

*Return to the Rain*



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7/1/19

13<sup>45</sup> - PID # 041367 Isobutylene 100 ppm  
 zero cal: 0.0 ppm  
 span cal: 100 ppm  
 recalibrated twice in response  
 to error msg.

14<sup>00</sup> - WF begins SV sampling; see logs

15<sup>00</sup> - MP informs WF geosub pump  
 is behaving strangely  
 • barely pumping even when  
 voltage is cranked up high  
 • able to collect sample  
 MW-15i, but pump had  
 quit on him a few times  
 • when decanning to pump does  
 not have to fight gravity,  
 still seeing same behavior  
 • WF takes pump apart and  
 does not identify a clog  
 • water purged at MW-15i  
 was murky but WF 7/1/19  
 or "cloudy" but did not appear  
 overly silty

7/1/19

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15<sup>25</sup> - WF indicates for MP  
 to try to use geosub  
 over at cluster of MW-6  
 wells

15<sup>25</sup> - take short break from heat

15<sup>30</sup> - WF calls Robeson County Water  
 Plant to ask Gary Davenport  
 to come or send someone to  
 let us into / assist us in  
 sampling the county's WSW  
 • gentleman who answers phone  
 says Gary and everyone else  
 have already left for the day  
 • usually leave ~3

• says he's operating the  
 plant and can't leave

• WF says he'll call back tomorrow  
 to discuss logistics w/ Gary

15<sup>35</sup> - end heat break

16<sup>40</sup> - WF checks YSI # 033482

pH readings against standard  
 solutions

std: 7

4 10

WF  
 7/1/19 to 4

YSI read

6.92

9.89

4.19

Return to Rain

70149611A

7/1/19

17<sup>25</sup> - WF collects MW-8

- begins closing well caps / manways while MP finishes sampling MW-6d

- WF also measures off soil vapor locations and begins organizing cleaning up to pack truck

18<sup>15</sup> - truck packed, WF & MP off site

---

W. F.  
7/1/19



70149611A

7/1/19

17<sup>25</sup> - WF collects MW-8

- begins closing well caps / manways while MP finishes sampling MW-6d

- WF also measures off soil vapor locations and begins organizing cleaning up to pack truck

18<sup>15</sup> - truck packed, WF & MP off site

W. 7  
7/1/19

7/8/19

70149611A

Objective: Collect remaining samples (MW &amp; WSW)

Weather: Overcast, 80s (at start of day)

Personnel: Will Frazier (WF)

09<sup>35</sup> - WF arrives on site

- Daily safety tailgate
- begins calibration

YSI #033482			YSI #027920		
Para	Before	After	Para	Before	After
pH7	6.99	7.00	pH7	6.96	7.00
pH4	4.05	4.01	pH4	4.07	4.00
pH10	10.10	10.02	pH10	10.10	10.02
ORP	238.5	240.1	ORP	239.6	240.1
cond	1.808	1.413	cond	1.697	1.413
DO	*		DO	13.81	9.66

See next page

10<sup>05</sup> - WF calls Gary Davenport (Robeson County Water) to come test him into CSW-5/10<sup>10</sup> - Geyser pump decreased, Gary Davenport on-site

Rite in the Rain

70149611A

7/8/19

10<sup>15</sup> - YSI # 033482 DO beeping around  
up and down; will not calibrate

Sample Log 7/8/19

ID	Time	Analysis
CSW-51	10 <sup>25</sup>	6200B
CSW-46	10 <sup>45</sup>	6200B
PSW-3	11 <sup>05</sup>	6200B
MW-51	11 <sup>55</sup>	6200B
MW-161	12 <sup>04</sup>	6200B
MW-141	12 <sup>33</sup>	6200B
MW-7	13 <sup>45</sup>	6200B
FB-01	14 <sup>25</sup>	6200B
MW-3	14 <sup>35</sup>	6200B

10<sup>50</sup> - While PSW-3 purges, WF takes  
metal detector to try to locate  
MW-3

11<sup>10</sup> - MW-3 located and sand dug  
out of manway  
- DTW = 25.01 ft bTOL  
Total depth = 27.24 ft bTOL  
(well is set at 30 ft)

7/8/19

70149611A

12<sup>25</sup> - gear packed → off MW-51  
and MW-161

- WF takes water break /  
snack from heat
- feels like is OAF

12<sup>35</sup> - break over, geosub disconnected  
- begin moving gear to  
MW-141 → MW-7

13<sup>05</sup> - set up on MW-141 w/  
geosub, but pump won't  
cut on (controller works)  
- full from hole → pump does  
cut on...

14<sup>10</sup> - gear off MW-141 → MW-7, back  
at truck, parked near MW-3

14<sup>45</sup> - WF off site

W. J.  
7/8/19



# Groundwater Sampling Log

**Terracon**

Site Name: Corner Store  
 Project Number: 7014961A  
 Site Location: Maxton NC  
 Weather: 90, sunny

Well ID: MW-1  
 Sample Date: 7/1/19  
 Sampler Initials: WOF  
 Sample Time: 1352

## GAUGING DATA

Gauging Date: 7/1/19  
 Screen Interval (ft bls): 19-34  
 Total Depth (ft bTOC): 34  
 Depth to water (ft bTOC): 27.29  
 Water column length (ft): 12.71  
 Well Volume: NR 20.72 2.07

Well Diameter	Gal/ft	L/ft
6"	1.47	5.56
4"	0.653	2.47
<u>2"</u>	0.163	0.618
1"	0.041	0.154
3/4"	0.023	0.087

## Sample Method

☒ Peristaltic  
☐ Bladder  
☐ Bailer

☐ Grundfos  
☐ Monsoon  
☐ PDB

## Purge Device

☐ Dedicated  
☒ Disposable  
☐ Decontaminated

## QA/QC Samples

☐ Duplicate  
☐ MS/MSD  
☐ Equipment Blank

## QA/QC Sample ID

NA

## FIELD PARAMETERS

Time	Purge Vol. (gal)	Temp (°C)	pH (SU)	DO (mg/L)	Cond. (µmhos/cm)	Turbidity (NTU)	ORP (mV)	Flow (ml/min)	Water Depth (ft bTOC)
1339	NA	NM	NM	NM	NM	NM	NM	NA	27.29
1341	WF stops purging	22.33	5.94	7.08	82	NM	14.9	0.05	NM
1342	~0.75	22.40	4.76	6.33	76	NM	169.1	0.05	NM
1347	~1	22.13	4.66	6.28	73		162.7	0.07	NM
1352	~1.25								

## LABORATORY ANALYSIS

Analytical Parameter	Method	Bottle Size/Type	No. Bottles	Preservative	Hold Time
VOCs	8260	40ml / VOA	3	HCL	14 days

Notes: YSI #33482 → shows high DO

YSI #27920 → swaps at ~1355

Signature: W. [Signature]

Date: 7/1/19

## Terracon

Well ID: MW-65r  
Sample Date: 7/1/19  
Sampler Initials: WOF  
Sample Time: 10:30

Gauging Date: 7/1/14

Screen Interval (ft bls): 19-34

Total Depth (ft bTOC): 34

Depth to water (ft bTOC): 22.89

Water column length (ft): 11.11

Well Volume: 1.81

Well Diameter	Gal/ft	L/ft
6"	1.47	5.56
4"	0.653	2.47
2"	0.163	0.618
1"	0.041	0.154
3/4"	0.023	0.087

Sample Method		Purge Device		QA/QC Samples	QA/QC Sample ID
<input checked="" type="checkbox"/> Peristaltic	<input type="checkbox"/> Grundfos	<input type="checkbox"/> Dedicated	<input type="checkbox"/> Duplicate	NA	
<input type="checkbox"/> Bladder	<input type="checkbox"/> Monsoon	<input checked="" type="checkbox"/> Disposable	<input type="checkbox"/> MS/MSD		
<input type="checkbox"/> Bailer	<input type="checkbox"/> PDB	<input type="checkbox"/> Decontaminated	<input type="checkbox"/> Equipment Blank		

[illegible]

Analytical Parameter	Method	Bottle Size/Type	No. Bottles	Preservative	Hold Time
VOCs	8260	40ml / VOA	3	HCL	14 days

Notes: YSI # 033492 @ 16<sup>00</sup> as WF goes to write parameters, pH begins dropping rapidly and goes into negatives.

Signature: [Signature] Date: 7/1/19

pause pumping, shut unit off and back on; not certain it's OK, as pH seems low (3.5)



# Groundwater Sampling Log

**Terracon**

Site Name: Corner Store  
 Project Number: 701A9611A  
 Site Location: Maxton, NC  
 Weather: Sunny 90s

Well ID: MW-601  
 Sample Date: 7/1/19  
 Sampler Initials: JMP  
 Sample Time: 1635

## GAUGING DATA

Gauging Date: 7/1/19  
 Screen Interval (ft bls): 43-43  
 Total Depth (ft bTOC): 48  
 Depth to water (ft bTOC): 24.92  
 Water column length (ft): 23.08  
 Well Volume: 3.76

Well Diameter	Gal/ft	L/ft
6"	1.47	5.56
4"	0.653	2.47
2"	0.163	0.618
1"	0.041	0.154
3/4"	0.023	0.087

## Sample Method

☐ Peristaltic  
☐ Bladder  
☐ Bailer

## Purge Device

☐ Grundfos  
☐ Monsoon  
☐ PDB  
☐ Dedicated  
☐ Disposable  
☐ Decontaminated

## QA/QC Samples

☐ Duplicate  
☐ MS/MSD  
☐ Equipment Blank

## QA/QC Sample ID

## FIELD PARAMETERS

Time	Purge Vol. (gal)	Temp (°C)	pH (SU)	DO (mg/L)	Cond. (µmhos/cm)	Turbidity (NTU)	ORP (mV)	Flow (ml/min)	Water Depth (ft bTOC)
1610	-	-	-	-	-	-	-	-	-
1615	0.20	21.03	4.84	8.76	82	-	169.6	-	-
1620	0.40	21.05	4.77	8.40	80	-	172.5	-	-
1625	0.60	21.30	4.78	7.93	79	-	172.4	-	-
1630	0.80	21.64	4.84	7.41	80	-	172.4	-	-
1635	1.00	21.59	4.78	7.51	80	-	178.7	-	-

## LABORATORY ANALYSIS

Analytical Parameter	Method	Bottle Size/Type	No. Bottles	Preservative	Hold Time
VOCs	8260	40ml / VOA	3	HCL	14 days

Notes: YSI # 027920 - gessub & flow through cell

Signature: [Signature]

Date: 7/1/19

# Groundwater Sampling Log

**Terracon**

Site Name: Corner Store  
 Project Number: 70149611A  
 Site Location: Maxton, NC  
 Weather: Sunny 90s

Well ID: MW-60d  
 Sample Date: 7/1/19  
 Sampler Initials: JMP  
 Sample Time: 1735

## GAUGING DATA

Gauging Date: 7/1/19  
 Screen Interval (ft bls): 83-88  
 Total Depth (ft bTOC): 88  
 Depth to water (ft bTOC): 26.03  
 Water column length (ft): 61.97  
 Well Volume: 10.10

Well Diameter	Gal/ft	L/ft
6"	1.47	5.56
4"	0.653	2.47
<u>2"</u>	0.163	0.618
1"	0.041	0.154
3/4"	0.023	0.087

### Sample Method

☐ Peristaltic  
☐ Bladder  
☐ Bailer

### Purge Device

☐ Grundfos  
☐ Monsoon  
☐ PDB  
☐ Dedicated  
☐ Disposable  
☒ Decontaminated

### QA/QC Samples

☐ Duplicate  
☐ MS/MSD  
☐ Equipment Blank

### QA/QC Sample ID

## FIELD PARAMETERS

Time	Purge Vol. (gal)	Temp (°C)	pH (SU)	DO (mg/L)	Cond. (µmhos/cm)	Turbidity (NTU)	ORP (mV)	Flow (ml/min)	Water Depth (ft bTOC)
1710	-	-	-	-	-	-	-	-	-
1715	0.20	19.91	4.46	4.63	99	-	224.6	-	-
1720	0.40	19.82	4.27	4.11	102	-	241.2	-	-
1725	0.60	19.75	4.20	4.03	104	-	253.9	-	-
1730	0.80	19.72	4.19	4.11	105	-	251.8	-	-
1735	1.00	19.65	4.20	4.68	104	-	258.3	-	-

## LABORATORY ANALYSIS

Analytical Parameter	Method	Bottle Size/Type	No. Bottles	Preservative	Hold Time
VOCs	8260	40ml / VOA	3	HCL	14 days

Notes: Geosub, YSI # 027920

Signature: \_\_\_\_\_

Date: 7/1/19



# Groundwater Sampling Log

**Terracon**

Site Name: WPC 7/1/19 Corner store  
 Project Number: 70149611A  
 Site Location: Maxton NC  
 Weather: 90, Sunny

Well ID: MW-8  
 Sample Date: 7/1/19  
 Sampler Initials: WCF  
 Sample Time: 17<sup>30</sup>

## GAUGING DATA

Gauging Date: 7/1/19  
 Screen Interval (ft bls): 19-34  
 Total Depth (ft bTOC): 34  
 Depth to water (ft bTOC): 26.27  
 Water column length (ft): 7.73  
 Well Volume: 1.26

Well Diameter	Gal/ft	L/ft
6"	1.47	5.56
4"	0.653	2.47
2"	0.163	0.618
1"	0.041	0.154
3/4"	0.023	0.087

## Sample Method

☒ Peristaltic  
☐ Bladder  
☐ Bailer

☐ Grundfos  
☐ Monsoon  
☐ PDB

## Purge Device

☐ Dedicated  
☒ Disposable  
☐ Decontaminated

## QA/QC Samples

☐ Duplicate  
☐ MS/MSD  
☐ Equipment Blank

## QA/QC Sample ID

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

## FIELD PARAMETERS

Time	Purge Vol. (gal)	Temp (°C)	pH (SU)	DO (mg/L)	Cond. (µmhos/cm)	Turbidity (NTU)	ORP (mV)	Flow (ml/min)	Water Depth (ft bTOC)
17 <sup>05</sup>	NA	NM	NM	NM	NM	NM	NM	NA	26.27
17 <sup>10</sup>	0.2	20.54	4.53	6.10	225	NM	174.8		NM
17 <sup>15</sup>	0.4	20.41	4.54	4.55	217	NM	194.5		NM
17 <sup>20</sup>	0.6	20.15	4.56	4.16	217	NM	193.0		NM
17 <sup>25</sup>	0.8	20.21	4.56	4.11	217	NM	193.2		NM

## LABORATORY ANALYSIS

Analytical Parameter	Method	Bottle Size/Type	No. Bottles	Preservative	Hold Time
VOCs	8260	40ml / VOA	3	HCL	14 days

Notes: YSI # 033482

Signature: WCF

Date: 7/1/19

# Groundwater Sampling Log

**Terracon**

Site Name: Corner Store  
 Project Number: 701A91011A  
 Site Location: Maxton, NC  
 Weather: Sunny 90s

Well ID: MW151  
 Sample Date: 7/1/19  
 Sampler Initials: JMP  
 Sample Time: 1430

## GAUGING DATA

Gauging Date: 7/1/19  
 Screen Interval (ft bls): 37-47  
 Total Depth (ft bTOC): 47  
 Depth to water (ft bTOC): 26.79  
 Water column length (ft): 20.21  
 Well Volume: 3.29

Well Diameter	Gal/ft	L/ft
6"	1.47	5.56
4"	0.653	2.47
2"	0.163	0.618
1"	0.041	0.154
3/4"	0.023	0.087

## Sample Method

☐ Peristaltic  
☐ Bladder  
☐ Bailer

## Purge Device

☐ Grundfos  
☐ Monsoon  
☐ PDB  
☐ Dedicated  
☐ Disposable  
☒ Decontaminated

## QA/QC Samples

☐ Duplicate  
☐ MS/MSD  
☐ Equipment Blank

## QA/QC Sample ID

## FIELD PARAMETERS

Time	Purge Vol. (gal)	Temp (°C)	pH (SU)	DO (mg/L)	Cond. (µmhos/cm)	Turbidity (NTU)	ORP (mV)	Flow (ml/min)	Water Depth (ft bTOC)
1400	1.56	-	-	-	-	-	-	-	-
1410	19.71	19.71	4.98	9.90	220	-	185.7	-	-
1415	2.00	19.28	4.91	8.33	206	-	192.8	-	-
1420	2.50	19.17	4.98	7.75	194	-	192.3	-	-
1425	3.00	19.13	5.03	6.89	186	-	190.0	-	-
1430	3.50	19.05	5.05	5.96	177	-	190.2	-	-

## LABORATORY ANALYSIS

Analytical Parameter	Method	Bottle Size/Type	No. Bottles	Preservative	Hold Time
VOCs	8260	40ml / VOA	3	HCL	14 days

Notes: Gaugs sub, YSI # 027920

Signature: [Signature]

Date: 7/1/19

PROJECT NAME	Corner Store
PROJECT NO.	70149611A
DATE	7/1/19
EQUIPMENT USED	Water level interface meter
FIELD PERSONNEL	Will Frazier, Matthew Percy

Page 1 of 1[illegible]



# Groundwater Sampling Log

# Terracon

Site Name: Corner Store  
 Project Number: 70149611A  
 Site Location: Maxton NC  
 Weather: Sunny, 95+

Well ID: MW-3  
 Sample Date: 7/8/14  
 Sampler Initials: WJF  
 Sample Time: 1435

## GAUGING DATA

Gauging Date: 7/8/14  
 Screen Interval (ft bls): 20-30  
 Total Depth (ft bTOC): 27.24  
 Depth to water (ft bTOC): 25.01  
 Water column length (ft): 2.23  
 Well Volume: 0.363

Well Diameter	Gal/ft	L/ft
6"	1.47	5.56
4"	0.653	2.47
<u>2"</u>	0.163	0.618
1"	0.041	0.154
3/4"	0.023	0.087

## Sample Method

☒ Peristaltic  
☐ Bladder  
☐ Bailer

☐ Grundfos  
☐ Monsoon  
☐ PDB

## Purge Device

☐ Dedicated  
☒ Disposable  
☐ Decontaminated

## QA/QC Samples

☐ Duplicate  
☐ MS/MSD  
☐ Equipment Blank

## QA/QC Sample ID

NA

## FIELD PARAMETERS

Time	Purge Vol. (gal)	Temp (°C)	pH (SU)	DO (mg/L)	Cond. (µmhos/cm)	Turbidity (NTU)	ORP (mV)	Flow (ml/min)	Water Depth (ft bTOC)
<u>1415</u>	<u>NA</u>	<u>NM</u>	<u>NM</u>	<u>NM</u>	<u>NM</u>	<u>NM</u>	<u>NM</u>	<u>NA</u>	<u>25.01</u>
<u>1425</u>	<u>0.25</u>	<u>22.89</u>	<u>4.30</u>	<u>9.13</u>	<u>40</u>	<u>NM</u>	<u>187.1</u>	<u>~200</u>	<u>NM</u>
<u>1430</u>	<u>0.6</u>	<u>22.36</u>	<u>4.27</u>	<u>8.78</u>	<u>37</u>	<u>WJF 7/8/14</u>	<u>198.6</u>	<u>198.6</u>	<u>NM</u>
<u>1435</u>	<u>1</u>	<u>24.57</u>	<u>4.31</u>	<u>7.99</u>	<u>37</u>	<u>NM</u>	<u>199.7</u>	<u>~200</u>	<u>NM</u>

## LABORATORY ANALYSIS

Analytical Parameter	Method	Bottle Size/Type	No. Bottles	Preservative	Hold Time
VOCs	8260	40ml / VOA	3	HCL	14 days

Notes: YSI #033482

Signature: W. J. F. Date: 7/8/14

# Groundwater Sampling Log

# Terracon

Site Name: Corner Store  
 Project Number: 70144611A  
 Site Location: Maxton NC  
 Weather: Sunny, 95+

Well ID: MW-7  
 Sample Date: 7/8/14  
 Sampler Initials: WOF  
 Sample Time: 1348

## GAUGING DATA

Gauging Date: 7/1/14  
 Screen Interval (ft bls): 19-29  
 Total Depth (ft bTOC): 29  
 Depth to water (ft bTOC): 25.46  
 Water column length (ft): 3.54  
 Well Volume: 0.58

Well Diameter	Gal/ft	L/ft
6"	1.47	5.56
4"	0.653	2.47
<u>2"</u>	0.163	0.618
1"	0.041	0.154
3/4"	0.023	0.087

## Sample Method

☒ Peristaltic  
☐ Bladder  
☐ Bailer

## Purge Device

☐ Grundfos  
☐ Monsoon  
☐ PDB  
☐ Dedicated  
☒ Disposable  
☐ Decontaminated

## QA/QC Samples

☐ Duplicate  
☐ MS/MSD  
☐ Equipment Blank

## QA/QC Sample ID

NA

## FIELD PARAMETERS

Time	Purge Vol. (gal)	Temp (°C)	pH (SU)	DO (mg/L)	Cond. (µmhos/cm)	Turbidity (NTU)	ORP (mV)	Flow (ml/min)	Water Depth (ft bTOC)
<u>1335</u>	<u>NA</u>	<u>NM</u>	<u>NM</u>	<u>NM</u>	<u>NM</u>	<u>NM</u>	<u>NM</u>	<u>NA</u>	<u>25.46</u>
<u>1330</u>	<u>0.3</u>	<u>23.81</u>	<u>4.49</u>	<u>16.06</u>	<u>49</u>	<u>NM</u>	<u>146.6</u>	<u>~200</u>	<u>NM</u>
<u>1335</u>	<u>0.6</u>	<u>25.06</u>	<u>4.13</u>	<u>17.76</u>	<u>37</u>	<u>NM</u>	<u>181.8</u>	<u>~200</u>	<u>NM</u>
<u>1339</u>	<u>0.9</u>	<u>25.19</u>	<u>4.14</u>	<u>19.48</u>	<u>39</u>	<u>NM</u>	<u>206.9</u>	<u>~200</u>	<u>NM</u>
<u>1343</u>	<u>1.2</u>	<u>24.74</u>	<u>4.24</u>	<u>18.67</u>	<u>40</u>	<u>NM</u>	<u>206.6</u>	<u>~200</u>	<u>NM</u>
<u>1348</u>	<u>1.5</u>	<u>24.71</u>	<u>4.25</u>	<u>18.63</u>	<u>41</u>	<u>NM</u>	<u>201.3</u>	<u>~200</u>	<u>NM</u>

## LABORATORY ANALYSIS

Analytical Parameter	Method	Bottle Size/Type	No. Bottles	Preservative	Hold Time
VOCs	8260	40ml / VOA	3	HCL	14 days

Notes: YSI #033482

Signature: W. J.

Date: 7/8/14



# Groundwater Sampling Log

**Terracon**

Site Name: Corner Store  
 Project Number: 70149611A  
 Site Location: Maxton NC  
 Weather: Sunny, 95+

Well ID: MW-41  
 Sample Date: 7/8/19  
 Sampler Initials: WOF  
 Sample Time: 1333

## GAUGING DATA

Gauging Date: 7/1/19  
 Screen Interval (ft bls): 47-57  
 Total Depth (ft bTOC): 52  
 Depth to water (ft bTOC): 29.35  
 Water column length (ft): 22.65  
 Well Volume: 3.7

Well Diameter	Gal/ft	L/ft
6"	1.47	5.56
4"	0.653	2.47
<u>2"</u>	0.163	0.618
1"	0.041	0.154
3/4"	0.023	0.087

## Sample Method

☒ Peristaltic ☐ Grundfos  
☐ Bladder ☒ Monsoon  
☐ Bailer ☐ PDB

## Purge Device

☐ Dedicated  
☒ Disposable  
☐ Decontaminated

## QA/QC Samples

☐ Duplicate  
☐ MS/MSD  
☐ Equipment Blank

## QA/QC Sample ID

NA

## FIELD PARAMETERS

Time	Purge Vol. (gal)	Temp (°C)	pH (SU)	DO (mg/L)	Cond. (µmhos/cm)	Turbidity (NTU)	ORP (mV)	Flow (ml/min)	Water Depth (ft bTOC)
13 <sup>02</sup>	NA	NM	NM	NM	NM	NM	NM	NA	29.35
13 <sup>15</sup>	0.3	22.31	4.81	6.85	111	NM	235.6	~200	NM
13 <sup>26</sup>	0.6	20.31	4.09	7.57	109	NM	254.9	~200	NM
13 <sup>28</sup>	0.9	20.15	4.08	6.94	104	NM	271.1	~200	NM
13 <sup>33</sup>	1.2	20.24	4.11	6.89	104	NM	274.2	~200	NM

## LABORATORY ANALYSIS

Analytical Parameter	Method	Bottle Size/Type	No. Bottles	Preservative	Hold Time
VOCs	8260	40ml / VOA	3	HCL	14 days

Notes: YSI # 027920

Signature: W. Z...

Date: 7/8/19

# Groundwater Sampling Log

**Terracon**

Site Name: Corner Store  
 Project Number: 70149611A  
 Site Location: Maxton NC  
 Weather: Sunny, 90+

Well ID: MW16  
 Sample Date: 7/18/19  
 Sampler Initials: WOF  
 Sample Time: 1209

## GAUGING DATA

Gauging Date: 7/11/19  
 Screen Interval (ft bls): 35-45  
 Total Depth (ft bTOC): 45  
 Depth to water (ft bTOC): 22.79  
 Water column length (ft): 22.22  
 Well Volume: 3.6

Well Diameter	Gal/ft	L/ft
6"	1.47	5.56
4"	0.653	2.47
<u>2"</u>	0.163	0.618
1"	0.041	0.154
3/4"	0.023	0.087

7/18/19  
WOF

## Sample Method

☒ Peristaltic  
☐ Bladder  
☐ Bailer  
☐ Grundfos  
☒ Monsoon  
☐ PDB

## Purge Device

☐ Dedicated  
☒ Disposable  
☐ Decontaminated

## QA/QC Samples

☐ Duplicate  
☐ MS/MSD  
☐ Equipment Blank

## QA/QC Sample ID

NA

## FIELD PARAMETERS

Time	Purge Vol. (gal)	Temp (°C)	pH (SU)	DO (mg/L)	Cond. (µmhos/cm)	Turbidity (NTU)	ORP (mV)	Flow (ml/min)	Water Depth (ft bTOC)
1146	NA	NM	NM	NM	NM	NM	NM	NA	22.78
1149	0.25	20.67	4.89	4.92	77	NM	189.1	~200	NM
1159	0.5	20.75	4.22	3.23	75	NM	232.0	~200	NM
1209	0.75	20.66	4.22	3.21	75	NM	242.8	~200	NM
1209	1.25	20.95	4.24	3.12	75	NM	247.0	~200	NM

## LABORATORY ANALYSIS

Analytical Parameter	Method	Bottle Size/Type	No. Bottles	Preservative	Hold Time
VOCs	8260	40ml / VOA	3	HCL	14 days

Notes: YSI #027420

Signature: W. F.

Date: 7/18/19



# Groundwater Sampling Log

# Terracon

Site Name: Corner Store  
 Project Number: 20149611A  
 Site Location: Maxton NC  
 Weather: Sunny 90+

Well ID: MW-51  
 Sample Date: 7/8/19  
 Sampler Initials: WOF  
 Sample Time: 1153

## GAUGING DATA

Gauging Date: 7/1/19  
 Screen Interval (ft b/s): 45-55  
 Total Depth (ft b/TOC): 55  
 Depth to water (ft b/TOC): 27.56  
 Water column length (ft): 27.44  
 Well Volume: 1.12

Well Diameter	Gal/ft	L/ft
6"	1.47	5.56
4"	0.653	2.47
2"	0.163	0.618
① 1"	0.041	0.154
3/4"	0.023	0.087

## Sample Method

☒ Peristaltic  
☐ Bladder  
☐ Bailor

## Purge Device

☐ Grundfos  
☐ Monsoon  
☐ PDB  
☐ Dedicated  
☒ Disposable  
☐ Decontaminated

## QA/QC Samples

☐ Duplicate  
☐ MS/MSD  
☐ Equipment Blank

## QA/QC Sample ID

## FIELD PARAMETERS

Time	Purge Vol. (gal)	Temp (°C)	pH (SU)	DO (mg/L)	Cond. (µmhos/cm)	Turbidity (NTU)	ORP (mV)	Flow (ml/min)	Water Depth (ft b/TOC)
11 <sup>26</sup>	NA	NM	NM	NM	NM	NM	NM	NA	27.56
11 <sup>28</sup>	0.2	25.51	5.34	4.38	199	NM	134.9	~250	NM
11 <sup>33</sup>	0.6	25.13	5.16	1.63	189	NM	150.3	~250	NM
11 <sup>53</sup>	1.8	24.73	5.31	3.63	223	NM	158.7	~250	NM

## LABORATORY ANALYSIS

Analytical Parameter	Method	Bottle Size/Type	No. Bottles	Preservative	Hold Time
VOCs	8260	40ml / VOA	3	HCL	14 days

Notes: YS1A 033482

Signature: W. F.

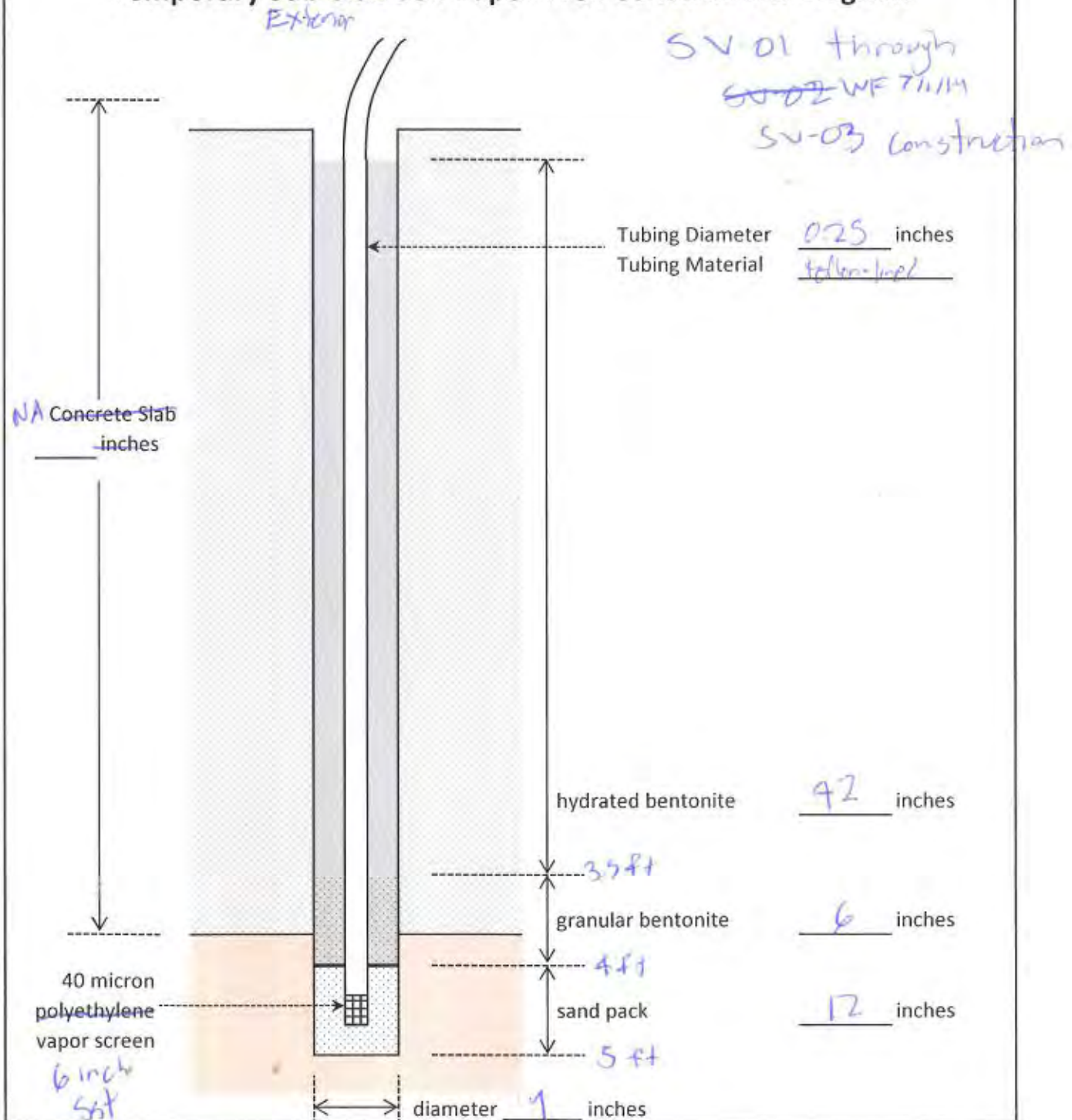
Date: 7/8/19

Client: NCDER  
 Project No.: 70149611 A  
 Site Location: Maxton NC  
 Field Personnel: WOF & MP  
 Date: 7/1/19  
 Weather: 90, sunny

**Terracon**

2401 Brentwood Road Suite 107  
 Raleigh, NC 27604  
 919.873.2211

## Temporary Sub-Slab Soil Vapor Well Construction Diagram





## Soil Vapor Tracer Test & Sampling

Sample ID: SV-03  
 Project No.: 70144611A  
 Site Location: Maxter NC  
 Field Personnel: WOP  
 Date: 7/1/14  
 Weather: 90/sunny  
 Cannister Size: 1-liter  
 Sample Rate: <100-mL/min <700  
 Analysis: TO-15

# Terracon

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 Raleigh, NC 27604  
 919.873.2211

Canister No.: 8752  
 Flow Controller No.: 9615

1504: Manometer: -0.002 kPa, then down to 0.000 kPa

### HELIUM TRACER TEST

	Purge #1	Purge #2	Purge #3
Start Shroud He %:	12.7	13.4	12.9
Purge Start Time:	1538	1542	1544
Volume Purged (mL):	600	600	600
End Shroud He %:	8.5	11.5	10.3
He in Soil Gas (ppm):	<25	<25	<25
PID Ambient Air (ppb):	0.3	0.4	0.4
PID SV Point (ppb):	0.4	0.4	0.4

Note: 1% = 10,000 ppm

### SAMPLE COLLECTION

Time	Vacuum (in Hg)
Start: 1546	-30
1547	-24
1549	-15
1551	-7
Stop: 1552	-5

### VOLUME CALCULATION

Diameter	Gallons/ft	Liters/ft	mL or cc/ft
3	0.3672	1.39	1390
2	0.1632	0.618	617.8
1	0.04080	0.154	154.4
3/4	0.02295	0.0869	86.9
5/8	0.01594	0.0603	60.3
1/2	0.01020	0.0386	38.6
3/8	0.00574	0.0217	21.7
1/4	0.00255	0.00965	9.65

Assumed porosity: sand pack=0.4, dry bentonite=0.5

Purge vol = 115 mL



# Soil Vapor Tracer Test & Sampling

Sample ID: SV-02  
 Project No.: 70149611A  
 Site Location: Maxten NC  
 Field Personnel: WOF  
 Date: 7/1/19  
 Weather: 90 / sunny  
 Cannister Size: 1-liter  
 Sample Rate: <100 mL/min 1200  
 Analysis: TO-15

## Terracon

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 Raleigh, NC 27604  
 919.873.2211

Canister No.: 6165  
 Flow Controller No.: 9613

1435: Manometer reading = -0.001 KPa or 0.000 KPa

manometer appears to be working - when air is blown across inlet, pressure reading changes

### HELIUM TRACER TEST

	Purge #1	Purge #2	Purge #3
Start Shroud He %:	9.5	15.1	13.2
Purge Start Time:	1447	1450	1452
Volume Purged (mL):	600	600	600
End Shroud He %:	9.1	14.1	12.3
He in Soil Gas (ppm):	2300	3100	3100
PID Ambient Air (ppb):	0.4	0.4	0.4
PID SV Point (ppb):	0.3	0.4	0.4

Note: 1% = 10,000 ppm

1443 Having trouble maintaining He in shroud above 8%; swap canisters; still trouble maintaining

### SAMPLE COLLECTION

Time	Vacuum (in Hg)
Start: 1454	-30
1456	-21
1457	-15
1458	-9
Stop: 1459	-5

### VOLUME CALCULATION

Diameter	Gallons/ft	Liters/ft	mL or cc/ft
3	0.3672	1.39	1390
2	0.1632	0.618	617.8
1	0.04080	0.154	154.4
3/4	0.02295	0.0869	86.9
5/8	0.01594	0.0603	60.3
1/2	0.01020	0.0386	38.6
3/8	0.00574	0.0217	21.7
1/4	0.00255	0.00965	9.65

Assumed porosity: sand pack= 0.4, dry bentonite=0.5

Vol: 115 mL = 1 purge

## Soil Vapor Tracer Test & Sampling

Sample ID: SV-01  
 Project No.: 70144611A  
 Site Location: Maxton NC  
 Field Personnel: WOF  
 Date: 7/1/14  
 Weather: 90 Sunny  
 Cannister Size: 1-liter  
 Sample Rate: <100 mL/min < 200  
 Analysis: TO-15

# Terracon

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 Raleigh, NC 27604  
 919.873.2211

Canister No.: 7594  
 Flow Controller No.: 9668

1406: Manometer reading -0.001 kPa, then returned to 0.000 kPa after ~10 secs then back to -0.001 kPa.

### HELIUM TRACER TEST

	Purge #1	Purge #2	Purge #3
Start Shroud He %:	14.5	14.2	15.8
Purge Start Time:	1414	1418	1422
Volume Purged (mL):	600 mL	600	600
End Shroud He %:	12.8	11.1	12.0
He in Soil Gas (ppm):	650	775	850
PID Ambient Air (ppb):	<0.1	<0.1	<0.1
PID SV Point (ppb):	0.8	0.8	0.7

Note: 1% = 10,000 ppm

Helium meter reads 225 ppm ambient during first purge (1st); 700 during 2nd, 800 ppm during 3rd purge

### SAMPLE COLLECTION

Time	Vacuum (in Hg)
Start: 1424	-30
1425	-22
1426	-15
1427	-9
Stop: 1428	-4

### VOLUME CALCULATION

Diameter	Gallons/ft	Liters/ft	mL or cc/ft
3	0.3672	1.39	1390
2	0.1632	0.618	617.8
1	0.04080	0.154	154.4
3/4	0.02295	0.0869	86.9
5/8	0.01594	0.0603	60.3
1/2	0.01020	0.0386	38.6
3/8	0.00574	0.0217	21.7
1/4	0.00255	0.00965	9.65

Assumed porosity: sand pack= 0.4, dry bentonite=0.5

$$1.5 \text{ ft} \times 0.5 \times 0.154 = 0.115 \text{ L}$$

115 mL

**APPENDIX B**  
**LABORATORY ANALYTICAL RESULTS AND**  
**CHAIN-OF-CUSTODY FORMS**

# SHEALY ENVIRONMENTAL SERVICES, INC.

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## Report of Analysis

### **Terracon Consultants, Inc.**

2401 Brentwood Road  
Suite 107 I  
Raleigh, NC 27604  
Attention: Will Frazier

Project Name: Corner Store

Project Number: 70149611A

Lot Number: **UG03047**

Date Completed: 07/16/2019



07/17/2019 7:02 PM

Approved and released by:  
Project Manager: Cathy S. Dover



The electronic signature above is the equivalent of a handwritten signature.

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Shealy Environmental Services, Inc.  
106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 [www.shealylab.com](http://www.shealylab.com)

# **SHEALY ENVIRONMENTAL SERVICES, INC.**

SC DHEC No: 32010001

NELAC No: E87653

NC DENR No: 329

NC Field Parameters No: 5639

## **Case Narrative Terracon Consultants, Inc. Lot Number: UG03047**

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

All results listed in this report relate only to the samples that are contained within this report.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved NELAC standards, the Shealy Environmental Services, Inc. ("Shealy") Quality Assurance Management Plan (QAMP), standard operating procedures (SOPs), and Shealy policies. Any exceptions to the NELAC standards, the QAMP, SOPs or policies are qualified on the results page or discussed below.

If you have any questions regarding this report please contact the Shealy Project Manager listed on the cover page.

# SHEALY ENVIRONMENTAL SERVICES, INC.

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**Sample Summary**  
**Terracon Consultants, Inc.**  
**Lot Number: UG03047**  
**Project Name: Corner Store**  
**Project Number: 70149611A**

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	MW-1	Aqueous	07/01/2019 1352	07/03/2019
002	MW-6sr	Aqueous	07/01/2019 1630	07/03/2019
003	MW-6i	Aqueous	07/01/2019 1635	07/03/2019
004	MW-6d	Aqueous	07/01/2019 1735	07/03/2019
005	MW-8	Aqueous	07/01/2019 1725	07/03/2019
006	MW-15i	Aqueous	07/01/2019 1430	07/03/2019

(6 samples)

# SHEALY ENVIRONMENTAL SERVICES, INC.

**Detection Summary**  
**Terracon Consultants, Inc.**  
**Lot Number: UG03047**  
**Project Name: Corner Store**  
**Project Number: 70149611A**

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
003	MW-6i	Aqueous	Chloroform	SM 6200B-	0.76		ug/L	9
003	MW-6i	Aqueous	Methyl tertiary butyl ether	SM 6200B-	13		ug/L	9
005	MW-8	Aqueous	Chloroform	SM 6200B-	1.0		ug/L	13
006	MW-15i	Aqueous	Benzene	SM 6200B-	1.2		ug/L	15
006	MW-15i	Aqueous	n-Butylbenzene	SM 6200B-	17		ug/L	15
006	MW-15i	Aqueous	sec-Butylbenzene	SM 6200B-	6.5		ug/L	15
006	MW-15i	Aqueous	Isopropylbenzene	SM 6200B-	18		ug/L	15
006	MW-15i	Aqueous	Naphthalene	SM 6200B-	49		ug/L	15
006	MW-15i	Aqueous	n-Propylbenzene	SM 6200B-	9.5		ug/L	15
006	MW-15i	Aqueous	Toluene	SM 6200B-	0.56		ug/L	16
006	MW-15i	Aqueous	1,3,5-Trimethylbenzene	SM 6200B-	4.7		ug/L	16
006	MW-15i	Aqueous	1,2,4-Trimethylbenzene	SM 6200B-	190		ug/L	16
006	MW-15i	Aqueous	m+p - Xylenes	SM 6200B-	39		ug/L	16
006	MW-15i	Aqueous	o - Xylenes	SM 6200B-	170		ug/L	16

(14 detections)



# Volatile Organic Compounds by GC/MS

Client: <b>Terracon Consultants, Inc.</b>				Laboratory ID: <b>UG03047-001</b>			
Description: <b>MW-1</b>				Matrix: <b>Aqueous</b>			
Date Sampled: <b>07/01/2019 1352</b>				Project Name: <b>Corner Store</b>			
Date Received: <b>07/03/2019</b>				Project Number: <b>70149611A</b>			

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	SM 6200B-	SM 6200B-2011	1	07/11/2019 0257	STM		22176

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Benzene	71-43-2	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromobenzene	108-86-1	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromochloromethane	74-97-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromodichloromethane	75-27-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromoform	75-25-2	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	SM 6200B-	ND		0.50	0.40	ug/L	1
n-Butylbenzene	104-51-8	SM 6200B-	ND		0.50	0.40	ug/L	1
sec-Butylbenzene	135-98-8	SM 6200B-	ND		0.50	0.40	ug/L	1
tert-Butylbenzene	98-06-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Carbon tetrachloride	56-23-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Chlorobenzene	108-90-7	SM 6200B-	ND		0.50	0.40	ug/L	1
Chloroethane	75-00-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Chloroform	67-66-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	SM 6200B-	ND		0.50	0.40	ug/L	1
2-Chlorotoluene	95-49-8	SM 6200B-	ND		0.50	0.40	ug/L	1
4-Chlorotoluene	106-43-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Dibromochloromethane	124-48-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dichlorobenzene	95-50-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,3-Dichlorobenzene	541-73-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,4-Dichlorobenzene	106-46-7	SM 6200B-	ND		0.50	0.40	ug/L	1
Dichlorodifluoromethane	75-71-8	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1-Dichloroethane	75-34-3	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dichloroethane	107-06-2	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1-Dichloroethene	75-35-4	SM 6200B-	ND		0.50	0.40	ug/L	1
cis-1,2-Dichloroethene	156-59-2	SM 6200B-	ND		0.50	0.40	ug/L	1
trans-1,2-Dichloroethene	156-60-5	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dichloropropane	78-87-5	SM 6200B-	ND		0.50	0.40	ug/L	1
1,3-Dichloropropane	142-28-9	SM 6200B-	ND		0.50	0.40	ug/L	1
2,2-Dichloropropane	594-20-7	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1-Dichloropropene	563-58-6	SM 6200B-	ND		0.50	0.40	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	SM 6200B-	ND		0.50	0.40	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Diisopropyl ether (IPE)	108-20-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Ethylbenzene	100-41-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Hexachlorobutadiene	87-68-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Isopropylbenzene (Cumene)	98-82-8	SM 6200B-	ND		0.50	0.40	ug/L	1
p-Isopropyltoluene (p-Cymene)	99-87-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Methylene chloride	75-09-2	SM 6200B-	ND		0.50	0.40	ug/L	1
Naphthalene	91-20-3	SM 6200B-	ND		0.50	0.40	ug/L	1
n-Propylbenzene	103-65-1	SM 6200B-	ND		0.50	0.40	ug/L	1
Styrene	100-42-5	SM 6200B-	ND		0.50	0.40	ug/L	1

LOQ = Limit of Quantitation	B = Detected in the method blank	E = Quantitation of compound exceeded the calibration range	DL = Detection Limit
ND = Not detected at or above the DL	N = Recovery is out of criteria	P = The RPD between two GC columns exceeds 40%	J = Estimated result < LOQ and ≥ DL
H = Out of holding time	W = Reported on wet weight basis		

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# Volatile Organic Compounds by GC/MS

Client: <b>Terracon Consultants, Inc.</b>		Laboratory ID: <b>UG03047-001</b>	
Description: <b>MW-1</b>		Matrix: <b>Aqueous</b>	
Date Sampled: <b>07/01/2019 1352</b>		Project Name: <b>Corner Store</b>	
Date Received: <b>07/03/2019</b>		Project Number: <b>70149611A</b>	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	SM 6200B-	SM 6200B-2011	1	07/11/2019 0257	STM		22176

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,1,1,2-Tetrachloroethane	630-20-6	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Tetrachloroethene	127-18-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Toluene	108-88-3	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,3-Trichlorobenzene	87-61-6	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,1-Trichloroethane	71-55-6	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,2-Trichloroethane	79-00-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Trichloroethene	79-01-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Trichlorofluoromethane	75-69-4	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,3-Trichloropropane	96-18-4	SM 6200B-	ND		0.50	0.40	ug/L	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,4-Trimethylbenzene	95-63-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Vinyl chloride	75-01-4	SM 6200B-	ND		0.50	0.40	ug/L	1
m+p - Xylenes	179601-23-1	SM 6200B-	ND		0.50	0.40	ug/L	1
o - Xylenes	95-47-6	SM 6200B-	ND		0.50	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		96	70-130
Bromofluorobenzene		93	70-130
Toluene-d8		101	70-130

LOQ = Limit of Quantitation      B = Detected in the method blank      E = Quantitation of compound exceeded the calibration range      DL = Detection Limit  
 ND = Not detected at or above the DL      N = Recovery is out of criteria      P = The RPD between two GC columns exceeds 40%      J = Estimated result < LOQ and ≥ DL  
 H = Out of holding time      W = Reported on wet weight basis

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# Volatile Organic Compounds by GC/MS

Client: <b>Terracon Consultants, Inc.</b>				Laboratory ID: <b>UG03047-002</b>			
Description: <b>MW-6sr</b>				Matrix: <b>Aqueous</b>			
Date Sampled: <b>07/01/2019 1630</b>				Project Name: <b>Corner Store</b>			
Date Received: <b>07/03/2019</b>				Project Number: <b>70149611A</b>			

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	SM 6200B-	SM 6200B-2011	1	07/11/2019 0319	STM		22176

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Benzene	71-43-2	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromobenzene	108-86-1	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromochloromethane	74-97-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromodichloromethane	75-27-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromoform	75-25-2	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	SM 6200B-	ND		0.50	0.40	ug/L	1
n-Butylbenzene	104-51-8	SM 6200B-	ND		0.50	0.40	ug/L	1
sec-Butylbenzene	135-98-8	SM 6200B-	ND		0.50	0.40	ug/L	1
tert-Butylbenzene	98-06-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Carbon tetrachloride	56-23-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Chlorobenzene	108-90-7	SM 6200B-	ND		0.50	0.40	ug/L	1
Chloroethane	75-00-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Chloroform	67-66-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	SM 6200B-	ND		0.50	0.40	ug/L	1
2-Chlorotoluene	95-49-8	SM 6200B-	ND		0.50	0.40	ug/L	1
4-Chlorotoluene	106-43-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Dibromochloromethane	124-48-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dichlorobenzene	95-50-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,3-Dichlorobenzene	541-73-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,4-Dichlorobenzene	106-46-7	SM 6200B-	ND		0.50	0.40	ug/L	1
Dichlorodifluoromethane	75-71-8	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1-Dichloroethane	75-34-3	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dichloroethane	107-06-2	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1-Dichloroethene	75-35-4	SM 6200B-	ND		0.50	0.40	ug/L	1
cis-1,2-Dichloroethene	156-59-2	SM 6200B-	ND		0.50	0.40	ug/L	1
trans-1,2-Dichloroethene	156-60-5	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dichloropropane	78-87-5	SM 6200B-	ND		0.50	0.40	ug/L	1
1,3-Dichloropropane	142-28-9	SM 6200B-	ND		0.50	0.40	ug/L	1
2,2-Dichloropropane	594-20-7	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1-Dichloropropene	563-58-6	SM 6200B-	ND		0.50	0.40	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	SM 6200B-	ND		0.50	0.40	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Diisopropyl ether (IPE)	108-20-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Ethylbenzene	100-41-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Hexachlorobutadiene	87-68-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Isopropylbenzene (Cumene)	98-82-8	SM 6200B-	ND		0.50	0.40	ug/L	1
p-Isopropyltoluene (p-Cymene)	99-87-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Methylene chloride	75-09-2	SM 6200B-	ND		0.50	0.40	ug/L	1
Naphthalene	91-20-3	SM 6200B-	ND		0.50	0.40	ug/L	1
n-Propylbenzene	103-65-1	SM 6200B-	ND		0.50	0.40	ug/L	1
Styrene	100-42-5	SM 6200B-	ND		0.50	0.40	ug/L	1

LOQ = Limit of Quantitation	B = Detected in the method blank	E = Quantitation of compound exceeded the calibration range	DL = Detection Limit
ND = Not detected at or above the DL	N = Recovery is out of criteria	P = The RPD between two GC columns exceeds 40%	J = Estimated result < LOQ and ≥ DL
H = Out of holding time	W = Reported on wet weight basis		

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# Volatile Organic Compounds by GC/MS

Client: <b>Terracon Consultants, Inc.</b>			Laboratory ID: <b>UG03047-002</b>		
Description: <b>MW-6sr</b>			Matrix: <b>Aqueous</b>		
Date Sampled: <b>07/01/2019 1630</b>			Project Name: <b>Corner Store</b>		
Date Received: <b>07/03/2019</b>			Project Number: <b>70149611A</b>		

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	SM 6200B-	SM 6200B-2011	1	07/11/2019 0319	STM		22176

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,1,1,2-Tetrachloroethane	630-20-6	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Tetrachloroethene	127-18-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Toluene	108-88-3	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,3-Trichlorobenzene	87-61-6	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,1-Trichloroethane	71-55-6	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,2-Trichloroethane	79-00-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Trichloroethene	79-01-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Trichlorofluoromethane	75-69-4	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,3-Trichloropropane	96-18-4	SM 6200B-	ND		0.50	0.40	ug/L	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,4-Trimethylbenzene	95-63-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Vinyl chloride	75-01-4	SM 6200B-	ND		0.50	0.40	ug/L	1
m+p - Xylenes	179601-23-1	SM 6200B-	ND		0.50	0.40	ug/L	1
o - Xylenes	95-47-6	SM 6200B-	ND		0.50	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		93	70-130
Bromofluorobenzene		90	70-130
Toluene-d8		98	70-130

LOQ = Limit of Quantitation      B = Detected in the method blank      E = Quantitation of compound exceeded the calibration range      DL = Detection Limit  
 ND = Not detected at or above the DL      N = Recovery is out of criteria      P = The RPD between two GC columns exceeds 40%      J = Estimated result < LOQ and ≥ DL  
 H = Out of holding time      W = Reported on wet weight basis

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# Volatile Organic Compounds by GC/MS

Client: <b>Terracon Consultants, Inc.</b>				Laboratory ID: <b>UG03047-003</b>			
Description: <b>MW-6i</b>				Matrix: <b>Aqueous</b>			
Date Sampled: <b>07/01/2019 1635</b>				Project Name: <b>Corner Store</b>			
Date Received: <b>07/03/2019</b>				Project Number: <b>70149611A</b>			

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	SM 6200B-	SM 6200B-2011	1	07/11/2019 0341	STM		22176

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Benzene	71-43-2	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromobenzene	108-86-1	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromochloromethane	74-97-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromodichloromethane	75-27-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromoform	75-25-2	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	SM 6200B-	ND		0.50	0.40	ug/L	1
n-Butylbenzene	104-51-8	SM 6200B-	ND		0.50	0.40	ug/L	1
sec-Butylbenzene	135-98-8	SM 6200B-	ND		0.50	0.40	ug/L	1
tert-Butylbenzene	98-06-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Carbon tetrachloride	56-23-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Chlorobenzene	108-90-7	SM 6200B-	ND		0.50	0.40	ug/L	1
Chloroethane	75-00-3	SM 6200B-	ND		0.50	0.40	ug/L	1
<b>Chloroform</b>	<b>67-66-3</b>	<b>SM 6200B-</b>	<b>0.76</b>		<b>0.50</b>	<b>0.40</b>	<b>ug/L</b>	<b>1</b>
Chloromethane (Methyl chloride)	74-87-3	SM 6200B-	ND		0.50	0.40	ug/L	1
2-Chlorotoluene	95-49-8	SM 6200B-	ND		0.50	0.40	ug/L	1
4-Chlorotoluene	106-43-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Dibromochloromethane	124-48-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dichlorobenzene	95-50-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,3-Dichlorobenzene	541-73-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,4-Dichlorobenzene	106-46-7	SM 6200B-	ND		0.50	0.40	ug/L	1
Dichlorodifluoromethane	75-71-8	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1-Dichloroethane	75-34-3	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dichloroethane	107-06-2	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1-Dichloroethene	75-35-4	SM 6200B-	ND		0.50	0.40	ug/L	1
cis-1,2-Dichloroethene	156-59-2	SM 6200B-	ND		0.50	0.40	ug/L	1
trans-1,2-Dichloroethene	156-60-5	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dichloropropane	78-87-5	SM 6200B-	ND		0.50	0.40	ug/L	1
1,3-Dichloropropane	142-28-9	SM 6200B-	ND		0.50	0.40	ug/L	1
2,2-Dichloropropane	594-20-7	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1-Dichloropropene	563-58-6	SM 6200B-	ND		0.50	0.40	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	SM 6200B-	ND		0.50	0.40	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Diisopropyl ether (IPE)	108-20-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Ethylbenzene	100-41-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Hexachlorobutadiene	87-68-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Isopropylbenzene (Cumene)	98-82-8	SM 6200B-	ND		0.50	0.40	ug/L	1
p-Isopropyltoluene (p-Cymene)	99-87-6	SM 6200B-	ND		0.50	0.40	ug/L	1
<b>Methyl tertiary butyl ether (MTBE)</b>	<b>1634-04-4</b>	<b>SM 6200B-</b>	<b>13</b>		<b>0.50</b>	<b>0.40</b>	<b>ug/L</b>	<b>1</b>
Methylene chloride	75-09-2	SM 6200B-	ND		0.50	0.40	ug/L	1
Naphthalene	91-20-3	SM 6200B-	ND		0.50	0.40	ug/L	1
n-Propylbenzene	103-65-1	SM 6200B-	ND		0.50	0.40	ug/L	1
Styrene	100-42-5	SM 6200B-	ND		0.50	0.40	ug/L	1

LOQ = Limit of Quantitation	B = Detected in the method blank	E = Quantitation of compound exceeded the calibration range	DL = Detection Limit
ND = Not detected at or above the DL	N = Recovery is out of criteria	P = The RPD between two GC columns exceeds 40%	J = Estimated result < LOQ and ≥ DL
H = Out of holding time	W = Reported on wet weight basis		

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# Volatile Organic Compounds by GC/MS

Client: <b>Terracon Consultants, Inc.</b>			Laboratory ID: <b>UG03047-003</b>		
Description: <b>MW-6i</b>			Matrix: <b>Aqueous</b>		
Date Sampled: <b>07/01/2019 1635</b>			Project Name: <b>Corner Store</b>		
Date Received: <b>07/03/2019</b>			Project Number: <b>70149611A</b>		

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	SM 6200B-	SM 6200B-2011	1	07/11/2019 0341	STM		22176

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,1,1,2-Tetrachloroethane	630-20-6	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Tetrachloroethene	127-18-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Toluene	108-88-3	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,3-Trichlorobenzene	87-61-6	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,1-Trichloroethane	71-55-6	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,2-Trichloroethane	79-00-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Trichloroethene	79-01-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Trichlorofluoromethane	75-69-4	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,3-Trichloropropane	96-18-4	SM 6200B-	ND		0.50	0.40	ug/L	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,4-Trimethylbenzene	95-63-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Vinyl chloride	75-01-4	SM 6200B-	ND		0.50	0.40	ug/L	1
m+p - Xylenes	179601-23-1	SM 6200B-	ND		0.50	0.40	ug/L	1
o - Xylenes	95-47-6	SM 6200B-	ND		0.50	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		94	70-130
Bromofluorobenzene		92	70-130
Toluene-d8		100	70-130

LOQ = Limit of Quantitation      B = Detected in the method blank      E = Quantitation of compound exceeded the calibration range      DL = Detection Limit  
 ND = Not detected at or above the DL      N = Recovery is out of criteria      P = The RPD between two GC columns exceeds 40%      J = Estimated result < LOQ and ≥ DL  
 H = Out of holding time      W = Reported on wet weight basis

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# Volatile Organic Compounds by GC/MS

Client: <b>Terracon Consultants, Inc.</b>				Laboratory ID: <b>UG03047-004</b>			
Description: <b>MW-6d</b>				Matrix: <b>Aqueous</b>			
Date Sampled: <b>07/01/2019 1735</b>				Project Name: <b>Corner Store</b>			
Date Received: <b>07/03/2019</b>				Project Number: <b>70149611A</b>			

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	SM 6200B-	SM 6200B-2011	1	07/11/2019 0403	STM		22176

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Benzene	71-43-2	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromobenzene	108-86-1	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromochloromethane	74-97-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromodichloromethane	75-27-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromoform	75-25-2	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	SM 6200B-	ND		0.50	0.40	ug/L	1
n-Butylbenzene	104-51-8	SM 6200B-	ND		0.50	0.40	ug/L	1
sec-Butylbenzene	135-98-8	SM 6200B-	ND		0.50	0.40	ug/L	1
tert-Butylbenzene	98-06-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Carbon tetrachloride	56-23-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Chlorobenzene	108-90-7	SM 6200B-	ND		0.50	0.40	ug/L	1
Chloroethane	75-00-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Chloroform	67-66-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	SM 6200B-	ND		0.50	0.40	ug/L	1
2-Chlorotoluene	95-49-8	SM 6200B-	ND		0.50	0.40	ug/L	1
4-Chlorotoluene	106-43-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Dibromochloromethane	124-48-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dichlorobenzene	95-50-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,3-Dichlorobenzene	541-73-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,4-Dichlorobenzene	106-46-7	SM 6200B-	ND		0.50	0.40	ug/L	1
Dichlorodifluoromethane	75-71-8	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1-Dichloroethane	75-34-3	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dichloroethane	107-06-2	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1-Dichloroethene	75-35-4	SM 6200B-	ND		0.50	0.40	ug/L	1
cis-1,2-Dichloroethene	156-59-2	SM 6200B-	ND		0.50	0.40	ug/L	1
trans-1,2-Dichloroethene	156-60-5	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dichloropropane	78-87-5	SM 6200B-	ND		0.50	0.40	ug/L	1
1,3-Dichloropropane	142-28-9	SM 6200B-	ND		0.50	0.40	ug/L	1
2,2-Dichloropropane	594-20-7	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1-Dichloropropene	563-58-6	SM 6200B-	ND		0.50	0.40	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	SM 6200B-	ND		0.50	0.40	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Diisopropyl ether (IPE)	108-20-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Ethylbenzene	100-41-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Hexachlorobutadiene	87-68-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Isopropylbenzene (Cumene)	98-82-8	SM 6200B-	ND		0.50	0.40	ug/L	1
p-Isopropyltoluene (p-Cymene)	99-87-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Methylene chloride	75-09-2	SM 6200B-	ND		0.50	0.40	ug/L	1
Naphthalene	91-20-3	SM 6200B-	ND		0.50	0.40	ug/L	1
n-Propylbenzene	103-65-1	SM 6200B-	ND		0.50	0.40	ug/L	1
Styrene	100-42-5	SM 6200B-	ND		0.50	0.40	ug/L	1

LOQ = Limit of Quantitation	B = Detected in the method blank	E = Quantitation of compound exceeded the calibration range	DL = Detection Limit
ND = Not detected at or above the DL	N = Recovery is out of criteria	P = The RPD between two GC columns exceeds 40%	J = Estimated result < LOQ and ≥ DL
H = Out of holding time	W = Reported on wet weight basis		

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# Volatile Organic Compounds by GC/MS

Client: <b>Terracon Consultants, Inc.</b>			Laboratory ID: <b>UG03047-004</b>		
Description: <b>MW-6d</b>			Matrix: <b>Aqueous</b>		
Date Sampled: <b>07/01/2019 1735</b>			Project Name: <b>Corner Store</b>		
Date Received: <b>07/03/2019</b>			Project Number: <b>70149611A</b>		

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	SM 6200B-	SM 6200B-2011	1	07/11/2019 0403	STM		22176

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,1,1,2-Tetrachloroethane	630-20-6	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Tetrachloroethene	127-18-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Toluene	108-88-3	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,3-Trichlorobenzene	87-61-6	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,1-Trichloroethane	71-55-6	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,2-Trichloroethane	79-00-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Trichloroethene	79-01-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Trichlorofluoromethane	75-69-4	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,3-Trichloropropane	96-18-4	SM 6200B-	ND		0.50	0.40	ug/L	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,4-Trimethylbenzene	95-63-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Vinyl chloride	75-01-4	SM 6200B-	ND		0.50	0.40	ug/L	1
m+p - Xylenes	179601-23-1	SM 6200B-	ND		0.50	0.40	ug/L	1
o - Xylenes	95-47-6	SM 6200B-	ND		0.50	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		97	70-130
Bromofluorobenzene		94	70-130
Toluene-d8		102	70-130

LOQ = Limit of Quantitation      B = Detected in the method blank      E = Quantitation of compound exceeded the calibration range      DL = Detection Limit  
 ND = Not detected at or above the DL      N = Recovery is out of criteria      P = The RPD between two GC columns exceeds 40%      J = Estimated result < LOQ and ≥ DL  
 H = Out of holding time      W = Reported on wet weight basis

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# Volatile Organic Compounds by GC/MS

Client: <b>Terracon Consultants, Inc.</b>				Laboratory ID: <b>UG03047-005</b>			
Description: <b>MW-8</b>				Matrix: <b>Aqueous</b>			
Date Sampled: <b>07/01/2019 1725</b>				Project Name: <b>Corner Store</b>			
Date Received: <b>07/03/2019</b>				Project Number: <b>70149611A</b>			

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	SM 6200B-	SM 6200B-2011	1	07/11/2019 0425	STM		22176

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Benzene	71-43-2	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromobenzene	108-86-1	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromochloromethane	74-97-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromodichloromethane	75-27-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromoform	75-25-2	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	SM 6200B-	ND		0.50	0.40	ug/L	1
n-Butylbenzene	104-51-8	SM 6200B-	ND		0.50	0.40	ug/L	1
sec-Butylbenzene	135-98-8	SM 6200B-	ND		0.50	0.40	ug/L	1
tert-Butylbenzene	98-06-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Carbon tetrachloride	56-23-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Chlorobenzene	108-90-7	SM 6200B-	ND		0.50	0.40	ug/L	1
Chloroethane	75-00-3	SM 6200B-	ND		0.50	0.40	ug/L	1
<b>Chloroform</b>	<b>67-66-3</b>	<b>SM 6200B-</b>	<b>1.0</b>		<b>0.50</b>	<b>0.40</b>	<b>ug/L</b>	<b>1</b>
Chloromethane (Methyl chloride)	74-87-3	SM 6200B-	ND		0.50	0.40	ug/L	1
2-Chlorotoluene	95-49-8	SM 6200B-	ND		0.50	0.40	ug/L	1
4-Chlorotoluene	106-43-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Dibromochloromethane	124-48-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dichlorobenzene	95-50-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,3-Dichlorobenzene	541-73-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,4-Dichlorobenzene	106-46-7	SM 6200B-	ND		0.50	0.40	ug/L	1
Dichlorodifluoromethane	75-71-8	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1-Dichloroethane	75-34-3	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dichloroethane	107-06-2	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1-Dichloroethene	75-35-4	SM 6200B-	ND		0.50	0.40	ug/L	1
cis-1,2-Dichloroethene	156-59-2	SM 6200B-	ND		0.50	0.40	ug/L	1
trans-1,2-Dichloroethene	156-60-5	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dichloropropane	78-87-5	SM 6200B-	ND		0.50	0.40	ug/L	1
1,3-Dichloropropane	142-28-9	SM 6200B-	ND		0.50	0.40	ug/L	1
2,2-Dichloropropane	594-20-7	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1-Dichloropropene	563-58-6	SM 6200B-	ND		0.50	0.40	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	SM 6200B-	ND		0.50	0.40	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Diisopropyl ether (IPE)	108-20-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Ethylbenzene	100-41-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Hexachlorobutadiene	87-68-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Isopropylbenzene (Cumene)	98-82-8	SM 6200B-	ND		0.50	0.40	ug/L	1
p-Isopropyltoluene (p-Cymene)	99-87-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Methylene chloride	75-09-2	SM 6200B-	ND		0.50	0.40	ug/L	1
Naphthalene	91-20-3	SM 6200B-	ND		0.50	0.40	ug/L	1
n-Propylbenzene	103-65-1	SM 6200B-	ND		0.50	0.40	ug/L	1
Styrene	100-42-5	SM 6200B-	ND		0.50	0.40	ug/L	1

LOQ = Limit of Quantitation	B = Detected in the method blank	E = Quantitation of compound exceeded the calibration range	DL = Detection Limit
ND = Not detected at or above the DL	N = Recovery is out of criteria	P = The RPD between two GC columns exceeds 40%	J = Estimated result < LOQ and ≥ DL
H = Out of holding time	W = Reported on wet weight basis		

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# Volatile Organic Compounds by GC/MS

Client: <b>Terracon Consultants, Inc.</b>			Laboratory ID: <b>UG03047-005</b>		
Description: <b>MW-8</b>			Matrix: <b>Aqueous</b>		
Date Sampled: <b>07/01/2019 1725</b>			Project Name: <b>Corner Store</b>		
Date Received: <b>07/03/2019</b>			Project Number: <b>70149611A</b>		

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	SM 6200B-	SM 6200B-2011	1	07/11/2019 0425	STM		22176

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,1,1,2-Tetrachloroethane	630-20-6	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Tetrachloroethene	127-18-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Toluene	108-88-3	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,3-Trichlorobenzene	87-61-6	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,1-Trichloroethane	71-55-6	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,2-Trichloroethane	79-00-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Trichloroethene	79-01-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Trichlorofluoromethane	75-69-4	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,3-Trichloropropane	96-18-4	SM 6200B-	ND		0.50	0.40	ug/L	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,4-Trimethylbenzene	95-63-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Vinyl chloride	75-01-4	SM 6200B-	ND		0.50	0.40	ug/L	1
m+p - Xylenes	179601-23-1	SM 6200B-	ND		0.50	0.40	ug/L	1
o - Xylenes	95-47-6	SM 6200B-	ND		0.50	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		97	70-130
Bromofluorobenzene		93	70-130
Toluene-d8		100	70-130

LOQ = Limit of Quantitation      B = Detected in the method blank      E = Quantitation of compound exceeded the calibration range      DL = Detection Limit  
 ND = Not detected at or above the DL      N = Recovery is out of criteria      P = The RPD between two GC columns exceeds 40%      J = Estimated result < LOQ and ≥ DL  
 H = Out of holding time      W = Reported on wet weight basis

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# Volatile Organic Compounds by GC/MS

Client: <b>Terracon Consultants, Inc.</b>				Laboratory ID: <b>UG03047-006</b>			
Description: <b>MW-15i</b>				Matrix: <b>Aqueous</b>			
Date Sampled: <b>07/01/2019 1430</b>				Project Name: <b>Corner Store</b>			
Date Received: <b>07/03/2019</b>				Project Number: <b>70149611A</b>			

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	SM 6200B-	SM 6200B-2011	10	07/11/2019 0447	STM		22176
2	SM 6200B-	SM 6200B-2011	1	07/12/2019 1946	BWS		22398

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
<b>Benzene</b>	<b>71-43-2</b>	<b>SM 6200B-</b>	<b>1.2</b>		<b>0.50</b>	<b>0.40</b>	<b>ug/L</b>	<b>2</b>
Bromobenzene	108-86-1	SM 6200B-	ND		0.50	0.40	ug/L	2
Bromochloromethane	74-97-5	SM 6200B-	ND		0.50	0.40	ug/L	2
Bromodichloromethane	75-27-4	SM 6200B-	ND		0.50	0.40	ug/L	2
Bromoform	75-25-2	SM 6200B-	ND		0.50	0.40	ug/L	2
Bromomethane (Methyl bromide)	74-83-9	SM 6200B-	ND		0.50	0.40	ug/L	2
<b>n-Butylbenzene</b>	<b>104-51-8</b>	<b>SM 6200B-</b>	<b>17</b>		<b>0.50</b>	<b>0.40</b>	<b>ug/L</b>	<b>2</b>
<b>sec-Butylbenzene</b>	<b>135-98-8</b>	<b>SM 6200B-</b>	<b>6.5</b>		<b>0.50</b>	<b>0.40</b>	<b>ug/L</b>	<b>2</b>
tert-Butylbenzene	98-06-6	SM 6200B-	ND		0.50	0.40	ug/L	2
Carbon tetrachloride	56-23-5	SM 6200B-	ND		0.50	0.40	ug/L	2
Chlorobenzene	108-90-7	SM 6200B-	ND		0.50	0.40	ug/L	2
Chloroethane	75-00-3	SM 6200B-	ND		0.50	0.40	ug/L	2
Chloroform	67-66-3	SM 6200B-	ND		0.50	0.40	ug/L	2
Chloromethane (Methyl chloride)	74-87-3	SM 6200B-	ND		0.50	0.40	ug/L	2
2-Chlorotoluene	95-49-8	SM 6200B-	ND		0.50	0.40	ug/L	2
4-Chlorotoluene	106-43-4	SM 6200B-	ND		0.50	0.40	ug/L	2
Dibromochloromethane	124-48-1	SM 6200B-	ND		0.50	0.40	ug/L	2
1,2-Dibromoethane (EDB)	106-93-4	SM 6200B-	ND		0.50	0.40	ug/L	2
Dibromomethane (Methylene bromide)	74-95-3	SM 6200B-	ND		0.50	0.40	ug/L	2
1,2-Dichlorobenzene	95-50-1	SM 6200B-	ND		0.50	0.40	ug/L	2
1,3-Dichlorobenzene	541-73-1	SM 6200B-	ND		0.50	0.40	ug/L	2
1,4-Dichlorobenzene	106-46-7	SM 6200B-	ND		0.50	0.40	ug/L	2
Dichlorodifluoromethane	75-71-8	SM 6200B-	ND		0.50	0.40	ug/L	2
1,1-Dichloroethane	75-34-3	SM 6200B-	ND		0.50	0.40	ug/L	2
1,2-Dichloroethane	107-06-2	SM 6200B-	ND		0.50	0.40	ug/L	2
1,1-Dichloroethene	75-35-4	SM 6200B-	ND		0.50	0.40	ug/L	2
cis-1,2-Dichloroethene	156-59-2	SM 6200B-	ND		0.50	0.40	ug/L	2
trans-1,2-Dichloroethene	156-60-5	SM 6200B-	ND		0.50	0.40	ug/L	2
1,2-Dichloropropane	78-87-5	SM 6200B-	ND		0.50	0.40	ug/L	2
1,3-Dichloropropane	142-28-9	SM 6200B-	ND		0.50	0.40	ug/L	2
2,2-Dichloropropane	594-20-7	SM 6200B-	ND		0.50	0.40	ug/L	2
1,1-Dichloropropene	563-58-6	SM 6200B-	ND		0.50	0.40	ug/L	2
cis-1,3-Dichloropropene	10061-01-5	SM 6200B-	ND		0.50	0.40	ug/L	2
trans-1,3-Dichloropropene	10061-02-6	SM 6200B-	ND		0.50	0.40	ug/L	2
Diisopropyl ether (IPE)	108-20-3	SM 6200B-	ND		0.50	0.40	ug/L	2
Ethylbenzene	100-41-4	SM 6200B-	ND		0.50	0.40	ug/L	2
Hexachlorobutadiene	87-68-3	SM 6200B-	ND		0.50	0.40	ug/L	2
<b>Isopropylbenzene (Cumene)</b>	<b>98-82-8</b>	<b>SM 6200B-</b>	<b>18</b>		<b>0.50</b>	<b>0.40</b>	<b>ug/L</b>	<b>2</b>
p-Isopropyltoluene (p-Cymene)	99-87-6	SM 6200B-	ND		0.50	0.40	ug/L	2
Methyl tertiary butyl ether (MTBE)	1634-04-4	SM 6200B-	ND		0.50	0.40	ug/L	2
Methylene chloride	75-09-2	SM 6200B-	ND		0.50	0.40	ug/L	2
<b>Naphthalene</b>	<b>91-20-3</b>	<b>SM 6200B-</b>	<b>49</b>		<b>0.50</b>	<b>0.40</b>	<b>ug/L</b>	<b>2</b>
<b>n-Propylbenzene</b>	<b>103-65-1</b>	<b>SM 6200B-</b>	<b>9.5</b>		<b>0.50</b>	<b>0.40</b>	<b>ug/L</b>	<b>2</b>

LOQ = Limit of Quantitation      B = Detected in the method blank      E = Quantitation of compound exceeded the calibration range      DL = Detection Limit  
 ND = Not detected at or above the DL      N = Recovery is out of criteria      P = The RPD between two GC columns exceeds 40%      J = Estimated result < LOQ and ≥ DL  
 H = Out of holding time      W = Reported on wet weight basis

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# Volatile Organic Compounds by GC/MS

Client: <b>Terracon Consultants, Inc.</b>				Laboratory ID: <b>UG03047-006</b>			
Description: <b>MW-15i</b>				Matrix: <b>Aqueous</b>			
Date Sampled: <b>07/01/2019 1430</b>				Project Name: <b>Corner Store</b>			
Date Received: <b>07/03/2019</b>				Project Number: <b>70149611A</b>			

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	SM 6200B-	SM 6200B-2011	10	07/11/2019 0447	STM		22176
2	SM 6200B-	SM 6200B-2011	1	07/12/2019 1946	BWS		22398

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Styrene	100-42-5	SM 6200B-	ND		0.50	0.40	ug/L	2
1,1,1,2-Tetrachloroethane	630-20-6	SM 6200B-	ND		0.50	0.40	ug/L	2
1,1,2,2-Tetrachloroethane	79-34-5	SM 6200B-	ND		0.50	0.40	ug/L	2
Tetrachloroethene	127-18-4	SM 6200B-	ND		0.50	0.40	ug/L	2
<b>Toluene</b>	<b>108-88-3</b>	<b>SM 6200B-</b>	<b>0.56</b>		<b>0.50</b>	<b>0.40</b>	<b>ug/L</b>	<b>2</b>
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	SM 6200B-	ND		0.50	0.40	ug/L	2
1,2,3-Trichlorobenzene	87-61-6	SM 6200B-	ND		0.50	0.40	ug/L	2
1,2,4-Trichlorobenzene	120-82-1	SM 6200B-	ND		0.50	0.40	ug/L	2
1,1,1-Trichloroethane	71-55-6	SM 6200B-	ND		0.50	0.40	ug/L	2
1,1,2-Trichloroethane	79-00-5	SM 6200B-	ND		0.50	0.40	ug/L	2
Trichloroethene	79-01-6	SM 6200B-	ND		0.50	0.40	ug/L	2
Trichlorofluoromethane	75-69-4	SM 6200B-	ND		0.50	0.40	ug/L	2
1,2,3-Trichloropropane	96-18-4	SM 6200B-	ND		0.50	0.40	ug/L	2
<b>1,3,5-Trimethylbenzene (Mesitylene)</b>	<b>108-67-8</b>	<b>SM 6200B-</b>	<b>4.7</b>		<b>0.50</b>	<b>0.40</b>	<b>ug/L</b>	<b>2</b>
<b>1,2,4-Trimethylbenzene</b>	<b>95-63-6</b>	<b>SM 6200B-</b>	<b>190</b>		<b>5.0</b>	<b>4.0</b>	<b>ug/L</b>	<b>1</b>
Vinyl chloride	75-01-4	SM 6200B-	ND		0.50	0.40	ug/L	2
<b>m+p - Xylenes</b>	<b>179601-23-1</b>	<b>SM 6200B-</b>	<b>39</b>		<b>0.50</b>	<b>0.40</b>	<b>ug/L</b>	<b>2</b>
<b>o - Xylenes</b>	<b>95-47-6</b>	<b>SM 6200B-</b>	<b>170</b>		<b>0.50</b>	<b>0.40</b>	<b>ug/L</b>	<b>2</b>

Surrogate	Run 1			Run 2		
	Q	% Recovery	Acceptance Limits	Q	% Recovery	Acceptance Limits
1,2-Dichloroethane-d4		97	70-130		91	70-130
Bromofluorobenzene		92	70-130		107	70-130
Toluene-d8		99	70-130		98	70-130

LOQ = Limit of Quantitation      B = Detected in the method blank      E = Quantitation of compound exceeded the calibration range      DL = Detection Limit  
 ND = Not detected at or above the DL      N = Recovery is out of criteria      P = The RPD between two GC columns exceeds 40%      J = Estimated result < LOQ and ≥ DL  
 H = Out of holding time      W = Reported on wet weight basis

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## QC Summary

# Volatile Organic Compounds by GC/MS - MB

Sample ID: UQ22176-001

Matrix: Aqueous

Batch: 22176

Prep Method: SM 6200B-2011

Analytical Method: SM 6200B-2011

Parameter	Result	Q	Dil	LOQ	DL	Units	Analysis Date
Benzene	ND		1	0.50	0.40	ug/L	07/10/2019 2326
Bromobenzene	ND		1	0.50	0.40	ug/L	07/10/2019 2326
Bromochloromethane	ND		1	0.50	0.40	ug/L	07/10/2019 2326
Bromodichloromethane	ND		1	0.50	0.40	ug/L	07/10/2019 2326
Bromoform	ND		1	0.50	0.40	ug/L	07/10/2019 2326
Bromomethane (Methyl bromide)	ND		1	0.50	0.40	ug/L	07/10/2019 2326
n-Butylbenzene	ND		1	0.50	0.40	ug/L	07/10/2019 2326
sec-Butylbenzene	ND		1	0.50	0.40	ug/L	07/10/2019 2326
tert-Butylbenzene	ND		1	0.50	0.40	ug/L	07/10/2019 2326
Carbon tetrachloride	ND		1	0.50	0.40	ug/L	07/10/2019 2326
Chlorobenzene	ND		1	0.50	0.40	ug/L	07/10/2019 2326
Chloroethane	ND		1	0.50	0.40	ug/L	07/10/2019 2326
Chloroform	ND		1	0.50	0.40	ug/L	07/10/2019 2326
Chloromethane (Methyl chloride)	ND		1	0.50	0.40	ug/L	07/10/2019 2326
2-Chlorotoluene	ND		1	0.50	0.40	ug/L	07/10/2019 2326
4-Chlorotoluene	ND		1	0.50	0.40	ug/L	07/10/2019 2326
Dibromochloromethane	ND		1	0.50	0.40	ug/L	07/10/2019 2326
1,2-Dibromoethane (EDB)	ND		1	0.50	0.40	ug/L	07/10/2019 2326
Dibromomethane (Methylene bromide)	ND		1	0.50	0.40	ug/L	07/10/2019 2326
1,2-Dichlorobenzene	ND		1	0.50	0.40	ug/L	07/10/2019 2326
1,3-Dichlorobenzene	ND		1	0.50	0.40	ug/L	07/10/2019 2326
1,4-Dichlorobenzene	ND		1	0.50	0.40	ug/L	07/10/2019 2326
Dichlorodifluoromethane	ND		1	0.50	0.40	ug/L	07/10/2019 2326
1,1-Dichloroethane	ND		1	0.50	0.40	ug/L	07/10/2019 2326
1,2-Dichloroethane	ND		1	0.50	0.40	ug/L	07/10/2019 2326
1,1-Dichloroethene	ND		1	0.50	0.40	ug/L	07/10/2019 2326
cis-1,2-Dichloroethene	ND		1	0.50	0.40	ug/L	07/10/2019 2326
trans-1,2-Dichloroethene	ND		1	0.50	0.40	ug/L	07/10/2019 2326
1,2-Dichloropropane	ND		1	0.50	0.40	ug/L	07/10/2019 2326
1,3-Dichloropropane	ND		1	0.50	0.40	ug/L	07/10/2019 2326
2,2-Dichloropropane	ND		1	0.50	0.40	ug/L	07/10/2019 2326
1,1-Dichloropropene	ND		1	0.50	0.40	ug/L	07/10/2019 2326
cis-1,3-Dichloropropene	ND		1	0.50	0.40	ug/L	07/10/2019 2326
trans-1,3-Dichloropropene	ND		1	0.50	0.40	ug/L	07/10/2019 2326
Diisopropyl ether (IPE)	ND		1	0.50	0.40	ug/L	07/10/2019 2326
Ethylbenzene	ND		1	0.50	0.40	ug/L	07/10/2019 2326
Hexachlorobutadiene	ND		1	0.50	0.40	ug/L	07/10/2019 2326
Isopropylbenzene (Cumene)	ND		1	0.50	0.40	ug/L	07/10/2019 2326
p-Isopropyltoluene (p-Cymene)	ND		1	0.50	0.40	ug/L	07/10/2019 2326
Methyl tertiary butyl ether (MTBE)	ND		1	0.50	0.40	ug/L	07/10/2019 2326
Methylene chloride	ND		1	0.50	0.40	ug/L	07/10/2019 2326
Naphthalene	ND		1	0.50	0.40	ug/L	07/10/2019 2326
n-Propylbenzene	ND		1	0.50	0.40	ug/L	07/10/2019 2326
Styrene	ND		1	0.50	0.40	ug/L	07/10/2019 2326

LOQ = Limit of Quantitation

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

DL = Detection Limit

J = Estimated result < LOQ and >\_DL

+ = RPD is out of criteria

LOD = Limit of Detection

ND = Not detected at or above the DL

**Note: Calculations are performed before rounding to avoid round-off errors in calculated results**

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**QC Data for Lot Number: UG03047**



# Volatile Organic Compounds by GC/MS - MB

Sample ID: UQ22176-001

Matrix: Aqueous

Batch: 22176

Prep Method: SM 6200B-2011

Analytical Method: SM 6200B-2011

Parameter	Result	Q	Dil	LOQ	DL	Units	Analysis Date
1,1,1,2-Tetrachloroethane	ND		1	0.50	0.40	ug/L	07/10/2019 2326
1,1,2,2-Tetrachloroethane	ND		1	0.50	0.40	ug/L	07/10/2019 2326
Tetrachloroethene	ND		1	0.50	0.40	ug/L	07/10/2019 2326
Toluene	ND		1	0.50	0.40	ug/L	07/10/2019 2326
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	0.50	0.40	ug/L	07/10/2019 2326
1,2,3-Trichlorobenzene	ND		1	0.50	0.40	ug/L	07/10/2019 2326
1,2,4-Trichlorobenzene	ND		1	0.50	0.40	ug/L	07/10/2019 2326
1,1,1-Trichloroethane	ND		1	0.50	0.40	ug/L	07/10/2019 2326
1,1,2-Trichloroethane	ND		1	0.50	0.40	ug/L	07/10/2019 2326
Trichloroethene	ND		1	0.50	0.40	ug/L	07/10/2019 2326
Trichlorofluoromethane	ND		1	0.50	0.40	ug/L	07/10/2019 2326
1,2,3-Trichloropropane	ND		1	0.50	0.40	ug/L	07/10/2019 2326
1,3,5-Trimethylbenzene (Mesitylene)	ND		1	0.50	0.40	ug/L	07/10/2019 2326
1,2,4-Trimethylbenzene	ND		1	0.50	0.40	ug/L	07/10/2019 2326
Vinyl chloride	ND		1	0.50	0.40	ug/L	07/10/2019 2326
m+p - Xylenes	ND		1	0.50	0.40	ug/L	07/10/2019 2326
o - Xylenes	ND		1	0.50	0.40	ug/L	07/10/2019 2326
Surrogate	Q	% Rec	Acceptance Limit				
1,2-Dichloroethane-d4		95	70-130				
Bromofluorobenzene		92	70-130				
Toluene-d8		99	70-130				

LOQ = Limit of Quantitation

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

DL = Detection Limit

J = Estimated result < LOQ and >\_DL

+ = RPD is out of criteria

LOD = Limit of Detection

ND = Not detected at or above the DL

**Note: Calculations are performed before rounding to avoid round-off errors in calculated results**

# Volatile Organic Compounds by GC/MS - LCS

Sample ID: UQ22176-002

Matrix: Aqueous

Batch: 22176

Prep Method: SM 6200B-2011

Analytical Method: SM 6200B-2011

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Benzene	50	50		1	99	70-130	07/10/2019 2208
Bromobenzene	50	52		1	104	70-130	07/10/2019 2208
Bromochloromethane	50	50		1	99	70-130	07/10/2019 2208
Bromodichloromethane	50	51		1	102	70-130	07/10/2019 2208
Bromoform	50	52		1	104	70-130	07/10/2019 2208
Bromomethane (Methyl bromide)	50	54		1	109	60-140	07/10/2019 2208
n-Butylbenzene	50	57		1	113	70-130	07/10/2019 2208
sec-Butylbenzene	50	55		1	111	70-130	07/10/2019 2208
tert-Butylbenzene	50	55		1	111	70-130	07/10/2019 2208
Carbon tetrachloride	50	50		1	100	70-130	07/10/2019 2208
Chlorobenzene	50	52		1	104	70-130	07/10/2019 2208
Chloroethane	50	48		1	95	42-163	07/10/2019 2208
Chloroform	50	49		1	97	70-130	07/10/2019 2208
Chloromethane (Methyl chloride)	50	54		1	107	20-158	07/10/2019 2208
2-Chlorotoluene	50	52		1	103	70-130	07/10/2019 2208
4-Chlorotoluene	50	52		1	104	70-130	07/10/2019 2208
Dibromochloromethane	50	52		1	104	70-130	07/10/2019 2208
1,2-Dibromoethane (EDB)	50	51		1	103	70-130	07/10/2019 2208
Dibromomethane (Methylene bromide)	50	49		1	98	70-130	07/10/2019 2208
1,2-Dichlorobenzene	50	53		1	107	70-130	07/10/2019 2208
1,3-Dichlorobenzene	50	54		1	108	70-130	07/10/2019 2208
1,4-Dichlorobenzene	50	52		1	103	70-130	07/10/2019 2208
Dichlorodifluoromethane	50	42		1	85	60-140	07/10/2019 2208
1,1-Dichloroethane	50	47		1	94	70-130	07/10/2019 2208
1,2-Dichloroethane	50	50		1	101	70-130	07/10/2019 2208
1,1-Dichloroethene	50	49		1	97	70-130	07/10/2019 2208
cis-1,2-Dichloroethene	50	48		1	96	70-130	07/10/2019 2208
trans-1,2-Dichloroethene	50	49		1	99	70-130	07/10/2019 2208
1,2-Dichloropropane	50	49		1	98	70-130	07/10/2019 2208
1,3-Dichloropropane	50	50		1	100	70-130	07/10/2019 2208
2,2-Dichloropropane	50	45		1	89	70-130	07/10/2019 2208
1,1-Dichloropropene	50	49		1	99	70-130	07/10/2019 2208
cis-1,3-Dichloropropene	50	52		1	103	70-130	07/10/2019 2208
trans-1,3-Dichloropropene	50	52		1	104	70-130	07/10/2019 2208
Diisopropyl ether (IPE)	50	49		1	98	70-130	07/10/2019 2208
Ethylbenzene	50	51		1	103	70-130	07/10/2019 2208
Hexachlorobutadiene	50	53		1	106	70-130	07/10/2019 2208
Isopropylbenzene (Cumene)	50	55		1	111	70-130	07/10/2019 2208
p-Isopropyltoluene (p-Cymene)	50	55		1	110	70-130	07/10/2019 2208
Methyl tertiary butyl ether (MTBE)	50	47		1	93	70-130	07/10/2019 2208
Methylene chloride	50	44		1	89	70-130	07/10/2019 2208
Naphthalene	50	52		1	103	50-140	07/10/2019 2208
n-Propylbenzene	50	54		1	108	70-130	07/10/2019 2208
Styrene	50	54		1	108	70-130	07/10/2019 2208

LOQ = Limit of Quantitation

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

DL = Detection Limit

J = Estimated result < LOQ and >\_DL

+ = RPD is out of criteria

LOD = Limit of Detection

ND = Not detected at or above the DL

**Note: Calculations are performed before rounding to avoid round-off errors in calculated results**

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**QC Data for Lot Number: UG03047**

# Volatile Organic Compounds by GC/MS - LCS

Sample ID: UQ22176-002

Matrix: Aqueous

Batch: 22176

Prep Method: SM 6200B-2011

Analytical Method: SM 6200B-2011

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
1,1,1,2-Tetrachloroethane	50	53		1	106	70-130	07/10/2019 2208
1,1,2,2-Tetrachloroethane	50	50		1	100	70-130	07/10/2019 2208
Tetrachloroethene	50	53		1	107	70-130	07/10/2019 2208
Toluene	50	52		1	104	70-130	07/10/2019 2208
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	52		1	104	70-130	07/10/2019 2208
1,2,3-Trichlorobenzene	50	54		1	108	70-130	07/10/2019 2208
1,2,4-Trichlorobenzene	50	54		1	109	70-130	07/10/2019 2208
1,1,1-Trichloroethane	50	48		1	96	70-130	07/10/2019 2208
1,1,2-Trichloroethane	50	51		1	102	70-130	07/10/2019 2208
Trichloroethene	50	51		1	103	70-130	07/10/2019 2208
Trichlorofluoromethane	50	51		1	103	60-140	07/10/2019 2208
1,2,3-Trichloropropane	50	50		1	100	70-130	07/10/2019 2208
1,3,5-Trimethylbenzene (Mesitylene)	50	55		1	109	70-130	07/10/2019 2208
1,2,4-Trimethylbenzene	50	54		1	108	70-130	07/10/2019 2208
Vinyl chloride	50	57		1	115	60-140	07/10/2019 2208
m+p - Xylenes	50	53		1	106	70-130	07/10/2019 2208
o - Xylenes	50	54		1	108	70-130	07/10/2019 2208
Surrogate	Q	% Rec	Acceptance Limit				
1,2-Dichloroethane-d4		98	70-130				
Bromofluorobenzene		101	70-130				
Toluene-d8		104	70-130				

LOQ = Limit of Quantitation

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

DL = Detection Limit

J = Estimated result < LOQ and >\_DL

+ = RPD is out of criteria

LOD = Limit of Detection

ND = Not detected at or above the DL

**Note: Calculations are performed before rounding to avoid round-off errors in calculated results**

# Volatile Organic Compounds by GC/MS - MS

Sample ID: UG03047-006MS

Matrix: Aqueous

Batch: 22176

Prep Method: SM 6200B-2011

Analytical Method: SM 6200B-2011

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Benzene	ND	500	480		10	96	70-130	07/11/2019 0509
Bromobenzene	ND	500	500		10	100	70-130	07/11/2019 0509
Bromochloromethane	ND	500	470		10	94	70-130	07/11/2019 0509
Bromodichloromethane	ND	500	470		10	93	70-130	07/11/2019 0509
Bromoform	ND	500	450		10	90	70-130	07/11/2019 0509
Bromomethane (Methyl bromide)	ND	500	560		10	111	60-140	07/11/2019 0509
n-Butylbenzene	10	500	540		10	106	70-130	07/11/2019 0509
sec-Butylbenzene	4.3	500	540		10	107	70-130	07/11/2019 0509
tert-Butylbenzene	ND	500	550		10	111	70-130	07/11/2019 0509
Carbon tetrachloride	ND	500	510		10	102	70-130	07/11/2019 0509
Chlorobenzene	ND	500	480		10	97	70-130	07/11/2019 0509
Chloroethane	ND	500	540		10	107	42-163	07/11/2019 0509
Chloroform	ND	500	470		10	94	70-130	07/11/2019 0509
Chloromethane (Methyl chloride)	ND	500	540		10	107	20-158	07/11/2019 0509
2-Chlorotoluene	ND	500	470		10	94	70-130	07/11/2019 0509
4-Chlorotoluene	ND	500	480		10	96	70-130	07/11/2019 0509
Dibromochloromethane	ND	500	490		10	97	70-130	07/11/2019 0509
1,2-Dibromoethane (EDB)	ND	500	480		10	96	70-130	07/11/2019 0509
Dibromomethane (Methylene bromide)	ND	500	470		10	95	70-130	07/11/2019 0509
1,2-Dichlorobenzene	ND	500	480		10	95	70-130	07/11/2019 0509
1,3-Dichlorobenzene	ND	500	480		10	97	70-130	07/11/2019 0509
1,4-Dichlorobenzene	ND	500	460		10	92	70-130	07/11/2019 0509
Dichlorodifluoromethane	ND	500	460		10	92	60-140	07/11/2019 0509
1,1-Dichloroethane	ND	500	460		10	91	70-130	07/11/2019 0509
1,2-Dichloroethane	ND	500	470		10	95	70-130	07/11/2019 0509
1,1-Dichloroethene	ND	500	520		10	104	70-130	07/11/2019 0509
cis-1,2-Dichloroethene	ND	500	460		10	92	70-130	07/11/2019 0509
trans-1,2-Dichloroethene	ND	500	500		10	101	70-130	07/11/2019 0509
1,2-Dichloropropane	ND	500	470		10	94	70-130	07/11/2019 0509
1,3-Dichloropropane	ND	500	470		10	94	70-130	07/11/2019 0509
2,2-Dichloropropane	ND	500	430		10	86	70-130	07/11/2019 0509
1,1-Dichloropropene	ND	500	480		10	97	70-130	07/11/2019 0509
cis-1,3-Dichloropropene	ND	500	470		10	95	70-130	07/11/2019 0509
trans-1,3-Dichloropropene	ND	500	470		10	94	70-130	07/11/2019 0509
Diisopropyl ether (IPE)	ND	500	460		10	92	70-130	07/11/2019 0509
Ethylbenzene	ND	500	500		10	101	70-130	07/11/2019 0509
Hexachlorobutadiene	ND	500	490		10	97	70-130	07/11/2019 0509
Isopropylbenzene (Cumene)	9.2	500	550		10	108	70-130	07/11/2019 0509
p-Isopropyltoluene (p-Cymene)	ND	500	520		10	104	70-130	07/11/2019 0509
Methyl tertiary butyl ether (MTBE)	ND	500	410		10	83	70-130	07/11/2019 0509
Methylene chloride	ND	500	430		10	85	70-130	07/11/2019 0509
Naphthalene	32	500	470		10	88	50-140	07/11/2019 0509
n-Propylbenzene	ND	500	530		10	106	70-130	07/11/2019 0509
Styrene	ND	500	520		10	104	70-130	07/11/2019 0509

LOQ = Limit of Quantitation

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

DL = Detection Limit

J = Estimated result < LOQ and > DL

+ = RPD is out of criteria

LOD = Limit of Detection

ND = Not detected at or above the DL

**Note: Calculations are performed before rounding to avoid round-off errors in calculated results**

# Volatile Organic Compounds by GC/MS - MS

Sample ID: UG03047-006MS

Matrix: Aqueous

Batch: 22176

Prep Method: SM 6200B-2011

Analytical Method: SM 6200B-2011

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
1,1,1,2-Tetrachloroethane	ND	500	490		10	98	70-130	07/11/2019 0509
1,1,2,2-Tetrachloroethane	ND	500	470		10	94	70-130	07/11/2019 0509
Tetrachloroethene	ND	500	520		10	103	70-130	07/11/2019 0509
Toluene	ND	500	500		10	99	70-130	07/11/2019 0509
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	500	510		10	102	70-130	07/11/2019 0509
1,2,3-Trichlorobenzene	ND	500	450		10	89	70-130	07/11/2019 0509
1,2,4-Trichlorobenzene	ND	500	450		10	90	70-130	07/11/2019 0509
1,1,1-Trichloroethane	ND	500	480		10	96	70-130	07/11/2019 0509
1,1,2-Trichloroethane	ND	500	490		10	98	70-130	07/11/2019 0509
Trichloroethene	ND	500	490		10	99	70-130	07/11/2019 0509
Trichlorofluoromethane	ND	500	570		10	113	60-140	07/11/2019 0509
1,2,3-Trichloropropane	ND	500	480		10	96	70-130	07/11/2019 0509
1,3,5-Trimethylbenzene (Mesitylene)	ND	500	510		10	102	70-130	07/11/2019 0509
1,2,4-Trimethylbenzene	190	500	690		10	101	70-130	07/11/2019 0509
Vinyl chloride	ND	500	550		10	109	60-140	07/11/2019 0509
m+p - Xylenes	21	500	540		10	103	70-130	07/11/2019 0509
o - Xylenes	100	500	630		10	107	70-130	07/11/2019 0509
Surrogate	Q	% Rec	Acceptance Limit					
1,2-Dichloroethane-d4		96	70-130					
Bromofluorobenzene		101	70-130					
Toluene-d8		103	70-130					

LOQ = Limit of Quantitation

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

DL = Detection Limit

J = Estimated result < LOQ and >\_DL

+ = RPD is out of criteria

LOD = Limit of Detection

ND = Not detected at or above the DL

**Note: Calculations are performed before rounding to avoid round-off errors in calculated results**

# Volatile Organic Compounds by GC/MS - MSD

Sample ID: UG03047-006MD

Matrix: Aqueous

Batch: 22176

Prep Method: SM 6200B-2011

Analytical Method: SM 6200B-2011

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
Benzene	ND	500	510		10	102	5.7	70-130	20	07/11/2019 0531
Bromobenzene	ND	500	540		10	108	7.4	70-130	20	07/11/2019 0531
Bromochloromethane	ND	500	500		10	100	6.7	70-130	20	07/11/2019 0531
Bromodichloromethane	ND	500	500		10	100	7.2	70-130	20	07/11/2019 0531
Bromoform	ND	500	500		10	99	9.3	70-130	20	07/11/2019 0531
Bromomethane (Methyl bromide)	ND	500	540		10	107	3.6	60-140	20	07/11/2019 0531
n-Butylbenzene	10	500	580		10	114	7.0	70-130	20	07/11/2019 0531
sec-Butylbenzene	4.3	500	570		10	114	6.3	70-130	20	07/11/2019 0531
tert-Butylbenzene	ND	500	590		10	119	7.1	70-130	20	07/11/2019 0531
Carbon tetrachloride	ND	500	560		10	111	8.5	70-130	20	07/11/2019 0531
Chlorobenzene	ND	500	520		10	104	7.2	70-130	20	07/11/2019 0531
Chloroethane	ND	500	530		10	106	1.1	42-163	20	07/11/2019 0531
Chloroform	ND	500	500		10	101	6.9	70-130	20	07/11/2019 0531
Chloromethane (Methyl chloride)	ND	500	540		10	109	1.7	20-158	20	07/11/2019 0531
2-Chlorotoluene	ND	500	510		10	102	8.1	70-130	20	07/11/2019 0531
4-Chlorotoluene	ND	500	520		10	105	8.6	70-130	20	07/11/2019 0531
Dibromochloromethane	ND	500	520		10	105	7.8	70-130	20	07/11/2019 0531
1,2-Dibromoethane (EDB)	ND	500	520		10	104	8.3	70-130	20	07/11/2019 0531
Dibromomethane (Methylene bromide)	ND	500	510		10	102	7.7	70-130	20	07/11/2019 0531
1,2-Dichlorobenzene	ND	500	510		10	103	7.7	70-130	20	07/11/2019 0531
1,3-Dichlorobenzene	ND	500	520		10	104	6.7	70-130	20	07/11/2019 0531
1,4-Dichlorobenzene	ND	500	500		10	100	8.8	70-130	20	07/11/2019 0531
Dichlorodifluoromethane	ND	500	530		10	107	15	60-140	20	07/11/2019 0531
1,1-Dichloroethane	ND	500	480		10	97	6.3	70-130	20	07/11/2019 0531
1,2-Dichloroethane	ND	500	500		10	100	5.9	70-130	20	07/11/2019 0531
1,1-Dichloroethene	ND	500	580		10	116	11	70-130	20	07/11/2019 0531
cis-1,2-Dichloroethene	ND	500	500		10	99	7.0	70-130	20	07/11/2019 0531
trans-1,2-Dichloroethene	ND	500	550		10	109	7.8	70-130	20	07/11/2019 0531
1,2-Dichloropropane	ND	500	500		10	100	5.6	70-130	20	07/11/2019 0531
1,3-Dichloropropane	ND	500	510		10	101	7.6	70-130	20	07/11/2019 0531
2,2-Dichloropropane	ND	500	450		10	90	4.3	70-130	20	07/11/2019 0531
1,1-Dichloropropene	ND	500	520		10	105	7.7	70-130	20	07/11/2019 0531
cis-1,3-Dichloropropene	ND	500	510		10	101	6.8	70-130	20	07/11/2019 0531
trans-1,3-Dichloropropene	ND	500	520		10	103	9.1	70-130	20	07/11/2019 0531
Diisopropyl ether (IPE)	ND	500	510		10	102	9.6	70-130	20	07/11/2019 0531
Ethylbenzene	ND	500	540		10	108	7.4	70-130	20	07/11/2019 0531
Hexachlorobutadiene	ND	500	530		10	107	9.2	70-130	20	07/11/2019 0531
Isopropylbenzene (Cumene)	9.2	500	590		10	115	6.8	70-130	20	07/11/2019 0531
p-Isopropyltoluene (p-Cymene)	ND	500	550		10	111	6.6	70-130	20	07/11/2019 0531
Methyl tertiary butyl ether (MTBE)	ND	500	450		10	89	7.6	70-130	20	07/11/2019 0531
Methylene chloride	ND	500	450		10	90	5.0	70-130	20	07/11/2019 0531
Naphthalene	32	500	520		10	98	10	50-140	20	07/11/2019 0531
n-Propylbenzene	ND	500	570		10	114	7.5	70-130	20	07/11/2019 0531
Styrene	ND	500	560		10	112	7.4	70-130	20	07/11/2019 0531

LOQ = Limit of Quantitation

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

DL = Detection Limit

J = Estimated result < LOQ and >\_DL

+ = RPD is out of criteria

LOD = Limit of Detection

ND = Not detected at or above the DL

**Note: Calculations are performed before rounding to avoid round-off errors in calculated results**

Shealy Environmental Services, Inc.

106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

QC Data for Lot Number: UG03047

# Volatile Organic Compounds by GC/MS - MSD

Sample ID: UG03047-006MD

Matrix: Aqueous

Batch: 22176

Prep Method: SM 6200B-2011

Analytical Method: SM 6200B-2011

Parameter	Sample Amount (ug/L)	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% RPD	% Rec Limit	% RPD Limit	Analysis Date
1,1,1,2-Tetrachloroethane	ND	500	530		10	107	8.8	70-130	20	07/11/2019 0531
1,1,2,2-Tetrachloroethane	ND	500	510		10	102	8.6	70-130	20	07/11/2019 0531
Tetrachloroethene	ND	500	560		10	112	8.0	70-130	20	07/11/2019 0531
Toluene	ND	500	530		10	107	7.1	70-130	20	07/11/2019 0531
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	500	540		10	109	6.5	70-130	20	07/11/2019 0531
1,2,3-Trichlorobenzene	ND	500	510		10	101	13	70-130	20	07/11/2019 0531
1,2,4-Trichlorobenzene	ND	500	500		10	100	11	70-130	20	07/11/2019 0531
1,1,1-Trichloroethane	ND	500	510		10	102	5.9	70-130	20	07/11/2019 0531
1,1,2-Trichloroethane	ND	500	520		10	105	7.1	70-130	20	07/11/2019 0531
Trichloroethene	ND	500	530		10	107	7.9	70-130	20	07/11/2019 0531
Trichlorofluoromethane	ND	500	550		10	111	2.3	60-140	20	07/11/2019 0531
1,2,3-Trichloropropane	ND	500	510		10	103	6.9	70-130	20	07/11/2019 0531
1,3,5-Trimethylbenzene (Mesitylene)	ND	500	550		10	110	7.3	70-130	20	07/11/2019 0531
1,2,4-Trimethylbenzene	190	500	740		10	111	6.9	70-130	20	07/11/2019 0531
Vinyl chloride	ND	500	540		10	108	1.3	60-140	20	07/11/2019 0531
m+p - Xylenes	21	500	580		10	111	7.4	70-130	20	07/11/2019 0531
o - Xylenes	100	500	660		10	113	4.9	70-130	20	07/11/2019 0531
Surrogate	Q	% Rec	Acceptance Limit							
1,2-Dichloroethane-d4		94	70-130							
Bromofluorobenzene		99	70-130							
Toluene-d8		102	70-130							

LOQ = Limit of Quantitation

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

DL = Detection Limit

J = Estimated result < LOQ and >\_DL

+ = RPD is out of criteria

LOD = Limit of Detection

ND = Not detected at or above the DL

**Note: Calculations are performed before rounding to avoid round-off errors in calculated results**



# Volatile Organic Compounds by GC/MS - MB

Sample ID: UQ22398-001

Matrix: Aqueous

Batch: 22398

Prep Method: SM 6200B-2011

Analytical Method: SM 6200B-2011

Parameter	Result	Q	Dil	LOQ	DL	Units	Analysis Date
Benzene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Bromobenzene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Bromochloromethane	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Bromodichloromethane	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Bromoform	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Bromomethane (Methyl bromide)	ND		1	0.50	0.40	ug/L	07/12/2019 1256
n-Butylbenzene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
sec-Butylbenzene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
tert-Butylbenzene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Carbon tetrachloride	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Chlorobenzene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Chloroethane	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Chloroform	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Chloromethane (Methyl chloride)	ND		1	0.50	0.40	ug/L	07/12/2019 1256
2-Chlorotoluene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
4-Chlorotoluene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Dibromochloromethane	ND		1	0.50	0.40	ug/L	07/12/2019 1256
1,2-Dibromoethane (EDB)	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Dibromomethane (Methylene bromide)	ND		1	0.50	0.40	ug/L	07/12/2019 1256
1,2-Dichlorobenzene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
1,3-Dichlorobenzene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
1,4-Dichlorobenzene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Dichlorodifluoromethane	ND		1	0.50	0.40	ug/L	07/12/2019 1256
1,1-Dichloroethane	ND		1	0.50	0.40	ug/L	07/12/2019 1256
1,2-Dichloroethane	ND		1	0.50	0.40	ug/L	07/12/2019 1256
1,1-Dichloroethene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
cis-1,2-Dichloroethene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
trans-1,2-Dichloroethene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
1,2-Dichloropropane	ND		1	0.50	0.40	ug/L	07/12/2019 1256
1,3-Dichloropropane	ND		1	0.50	0.40	ug/L	07/12/2019 1256
2,2-Dichloropropane	ND		1	0.50	0.40	ug/L	07/12/2019 1256
1,1-Dichloropropene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
cis-1,3-Dichloropropene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
trans-1,3-Dichloropropene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Diisopropyl ether (IPE)	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Ethylbenzene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Hexachlorobutadiene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Isopropylbenzene (Cumene)	ND		1	0.50	0.40	ug/L	07/12/2019 1256
p-Isopropyltoluene (p-Cymene)	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Methyl tertiary butyl ether (MTBE)	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Methylene chloride	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Naphthalene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
n-Propylbenzene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Styrene	ND		1	0.50	0.40	ug/L	07/12/2019 1256

LOQ = Limit of Quantitation

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

DL = Detection Limit

J = Estimated result < LOQ and >\_DL

+ = RPD is out of criteria

LOD = Limit of Detection

ND = Not detected at or above the DL

**Note: Calculations are performed before rounding to avoid round-off errors in calculated results**

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**QC Data for Lot Number: UG03047**

# Volatile Organic Compounds by GC/MS - MB

Sample ID: UQ22398-001

Matrix: Aqueous

Batch: 22398

Prep Method: SM 6200B-2011

Analytical Method: SM 6200B-2011

Parameter	Result	Q	Dil	LOQ	DL	Units	Analysis Date
1,1,1,2-Tetrachloroethane	ND		1	0.50	0.40	ug/L	07/12/2019 1256
1,1,2,2-Tetrachloroethane	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Tetrachloroethene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Toluene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	0.50	0.40	ug/L	07/12/2019 1256
1,2,3-Trichlorobenzene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
1,2,4-Trichlorobenzene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
1,1,1-Trichloroethane	ND		1	0.50	0.40	ug/L	07/12/2019 1256
1,1,2-Trichloroethane	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Trichloroethene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Trichlorofluoromethane	ND		1	0.50	0.40	ug/L	07/12/2019 1256
1,2,3-Trichloropropane	ND		1	0.50	0.40	ug/L	07/12/2019 1256
1,3,5-Trimethylbenzene (Mesitylene)	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Vinyl chloride	ND		1	0.50	0.40	ug/L	07/12/2019 1256
m+p - Xylenes	ND		1	0.50	0.40	ug/L	07/12/2019 1256
o - Xylenes	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Surrogate	Q	% Rec	Acceptance Limit				
1,2-Dichloroethane-d4		88	70-130				
Bromofluorobenzene		101	70-130				
Toluene-d8		94	70-130				

LOQ = Limit of Quantitation

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J = Estimated result < LOQ and >\_DL

+ = RPD is out of criteria

LOD = Limit of Detection

ND = Not detected at or above the DL

**Note: Calculations are performed before rounding to avoid round-off errors in calculated results**

# Volatile Organic Compounds by GC/MS - LCS

Sample ID: UQ22398-002

Matrix: Aqueous

Batch: 22398

Prep Method: SM 6200B-2011

Analytical Method: SM 6200B-2011

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Benzene	50	45		1	90	70-130	07/12/2019 0954
Bromobenzene	50	48		1	97	70-130	07/12/2019 0954
Bromochloromethane	50	47		1	94	70-130	07/12/2019 0954
Bromodichloromethane	50	46		1	93	70-130	07/12/2019 0954
Bromoform	50	53		1	105	70-130	07/12/2019 0954
Bromomethane (Methyl bromide)	50	49		1	98	60-140	07/12/2019 0954
n-Butylbenzene	50	46		1	91	70-130	07/12/2019 0954
sec-Butylbenzene	50	46		1	91	70-130	07/12/2019 0954
tert-Butylbenzene	50	47		1	93	70-130	07/12/2019 0954
Carbon tetrachloride	50	44		1	89	70-130	07/12/2019 0954
Chlorobenzene	50	46		1	93	70-130	07/12/2019 0954
Chloroethane	50	48		1	97	42-163	07/12/2019 0954
Chloroform	50	44		1	88	70-130	07/12/2019 0954
Chloromethane (Methyl chloride)	50	46		1	92	20-158	07/12/2019 0954
2-Chlorotoluene	50	47		1	94	70-130	07/12/2019 0954
4-Chlorotoluene	50	47		1	93	70-130	07/12/2019 0954
Dibromochloromethane	50	50		1	99	70-130	07/12/2019 0954
1,2-Dibromoethane (EDB)	50	48		1	95	70-130	07/12/2019 0954
Dibromomethane (Methylene bromide)	50	46		1	91	70-130	07/12/2019 0954
1,2-Dichlorobenzene	50	49		1	98	70-130	07/12/2019 0954
1,3-Dichlorobenzene	50	47		1	94	70-130	07/12/2019 0954
1,4-Dichlorobenzene	50	46		1	92	70-130	07/12/2019 0954
Dichlorodifluoromethane	50	46		1	92	60-140	07/12/2019 0954
1,1-Dichloroethane	50	46		1	92	70-130	07/12/2019 0954
1,2-Dichloroethane	50	46		1	91	70-130	07/12/2019 0954
1,1-Dichloroethene	50	45		1	91	70-130	07/12/2019 0954
cis-1,2-Dichloroethene	50	45		1	91	70-130	07/12/2019 0954
trans-1,2-Dichloroethene	50	44		1	89	70-130	07/12/2019 0954
1,2-Dichloropropane	50	46		1	91	70-130	07/12/2019 0954
1,3-Dichloropropane	50	47		1	94	70-130	07/12/2019 0954
2,2-Dichloropropane	50	47		1	95	70-130	07/12/2019 0954
1,1-Dichloropropene	50	43		1	86	70-130	07/12/2019 0954
cis-1,3-Dichloropropene	50	49		1	99	70-130	07/12/2019 0954
trans-1,3-Dichloropropene	50	50		1	99	70-130	07/12/2019 0954
Diisopropyl ether (IPE)	50	48		1	95	70-130	07/12/2019 0954
Ethylbenzene	50	47		1	93	70-130	07/12/2019 0954
Hexachlorobutadiene	50	44		1	87	70-130	07/12/2019 0954
Isopropylbenzene (Cumene)	50	46		1	91	70-130	07/12/2019 0954
p-Isopropyltoluene (p-Cymene)	50	47		1	94	70-130	07/12/2019 0954
Methyl tertiary butyl ether (MTBE)	50	58		1	115	70-130	07/12/2019 0954
Methylene chloride	50	47		1	95	70-130	07/12/2019 0954
Naphthalene	50	50		1	100	50-140	07/12/2019 0954
n-Propylbenzene	50	46		1	93	70-130	07/12/2019 0954
Styrene	50	48		1	95	70-130	07/12/2019 0954

LOQ = Limit of Quantitation

P = The RPD between two GC columns exceeds 40%

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J = Estimated result < LOQ and >\_DL

+ = RPD is out of criteria

LOD = Limit of Detection

ND = Not detected at or above the DL

**Note: Calculations are performed before rounding to avoid round-off errors in calculated results**

# Volatile Organic Compounds by GC/MS - LCS

Sample ID: UQ22398-002

Matrix: Aqueous

Batch: 22398

Prep Method: SM 6200B-2011

Analytical Method: SM 6200B-2011

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
1,1,1,2-Tetrachloroethane	50	50		1	99	70-130	07/12/2019 0954
1,1,2,2-Tetrachloroethane	50	48		1	97	70-130	07/12/2019 0954
Tetrachloroethene	50	45		1	91	70-130	07/12/2019 0954
Toluene	50	47		1	93	70-130	07/12/2019 0954
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	44		1	88	70-130	07/12/2019 0954
1,2,3-Trichlorobenzene	50	49		1	97	70-130	07/12/2019 0954
1,2,4-Trichlorobenzene	50	49		1	98	70-130	07/12/2019 0954
1,1,1-Trichloroethane	50	42		1	84	70-130	07/12/2019 0954
1,1,2-Trichloroethane	50	47		1	94	70-130	07/12/2019 0954
Trichloroethene	50	45		1	90	70-130	07/12/2019 0954
Trichlorofluoromethane	50	47		1	95	60-140	07/12/2019 0954
1,2,3-Trichloropropane	50	47		1	95	70-130	07/12/2019 0954
1,3,5-Trimethylbenzene (Mesitylene)	50	47		1	94	70-130	07/12/2019 0954
Vinyl chloride	50	49		1	98	60-140	07/12/2019 0954
m+p - Xylenes	50	47		1	93	70-130	07/12/2019 0954
o - Xylenes	50	47		1	94	70-130	07/12/2019 0954
Surrogate	Q	% Rec	Acceptance Limit				
1,2-Dichloroethane-d4		93	70-130				
Bromofluorobenzene		103	70-130				
Toluene-d8		99	70-130				

LOQ = Limit of Quantitation

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

DL = Detection Limit

J = Estimated result < LOQ and >\_DL

+ = RPD is out of criteria

LOD = Limit of Detection

ND = Not detected at or above the DL

**Note: Calculations are performed before rounding to avoid round-off errors in calculated results**

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**QC Data for Lot Number: UG03047**

# **Chain of Custody and Miscellaneous Documents**



## Chain of Custody Record

**SHEALY ENVIRONMENTAL SERVICES, INC.**  
 106 Vantage Point Drive • West Columbia, SC 29172  
 Telephone No. 803-791-8700 Fax No. 803-791-9111  
 www.shealylab.com

Number 89845

Client <b>Terraco Construction INC</b>		Report to Contact <b>Wafarazul Eternam.com</b>		Telephone No. / E-mail <b>336-409-0772</b>		Quote No.	
Address <b>2401 Brentwood Rd #107</b>		Sampler's Signature <i>[Signature]</i>		Analysis (Attach list if more space is needed)		Page 1 of 1	
City <b>Raleigh</b>		State <b>NC</b>		Zip Code <b>27607</b>		Printed Name <b>W. J. [Signature]</b>	
Project Name <b>Corral Springs</b>		Project No. <b>7014611A</b>		P.O. No.		Barcode <b>UG03047</b>	
Sample ID / Description (Containers for each sample may be combined on one line.)		Date		Time		Remarks / Cooler I.D.	
MW-1	7/1/14	1331					
MW-65r		1630					
MW-6i		1635					
MW-6d		1733					
MW-8		1725					
MW-15i		1430					

Turn Around Time Required (Prior lab approval required for expedited TAT.)		Sample Disposal		Possible Hazard Identification		OC Requirements (Specify)	
<input checked="" type="checkbox"/> Standard	<input type="checkbox"/> Rush (Specify)	<input type="checkbox"/> Return to Client	<input type="checkbox"/> Disposal by Lab	<input type="checkbox"/> Non-Hazard	<input type="checkbox"/> Flammable	<input type="checkbox"/> Irritant	<input type="checkbox"/> Poison
1. Relinquished by <i>[Signature]</i>		Date <b>7-3-14</b> Time <b>1330</b>		1. Received by		Date	
2. Relinquished by		Date		2. Received by		Date	
3. Relinquished by		Date		3. Received by		Date	
4. Relinquished by <b>FedEx</b>		Date <b>7-3-14</b> Time <b>0922</b>		4. Laboratory received by <b>Jim Brown</b>		Date <b>7-3-14</b> Time <b>0922</b>	

Note: All samples are retained for four weeks from receipt unless other arrangements are made.

LAB USE ONLY  
 Received on ice (Circle) ☒ Yes ☐ No Ice Pack ☐ Yes ☒ No Recapt Temp **2.7** °C

DISTRIBUTION: WHITE &amp; YELLOW-Return to laboratory with Sample(s); PINK-Field/Cient Copy

Document Number: FAD-133

Effective Date: 09-01-2014

# SHEALY ENVIRONMENTAL SERVICES, INC.

Shealy Environmental Services, Inc.  
Document Number: ME0018C-14

Page 1 of 1  
Effective Date: 8/2/2018

## Sample Receipt Checklist (SRC)

Client: Terracon

Cooler Inspected by/date: EJB / 7/3/19

Lot #: UG03047

Means of receipt: <input type="checkbox"/> SESI <input type="checkbox"/> Client <input type="checkbox"/> UPS <input checked="" type="checkbox"/> FedEx <input type="checkbox"/> Other:	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1. Were custody seals present on the cooler?
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	2. If custody seals were present, were they intact and unbroken?
pH Strip ID: NA Chlorine Strip ID: NA Tested by: NA	
Original temperature upon receipt / Derived (Corrected) temperature upon receipt %Solid Snap-Cup ID: NA	
2.7 / 2.7 °C NA / NA °C NA / NA °C NA / NA °C	
Method: <input checked="" type="checkbox"/> Temperature Blank <input type="checkbox"/> Against Bottles IR Gun ID: 6 IR Gun Correction Factor: 0 °C	
Method of coolant: <input checked="" type="checkbox"/> Wet Ice <input type="checkbox"/> Ice Packs <input type="checkbox"/> Dry Ice <input type="checkbox"/> None	
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	3. If temperature of any cooler exceeded 6.0°C, was Project Manager Notified? PM was Notified by: phone / email / face-to-face (circle one).
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	4. Is the commercial courier's packing slip attached to this form?
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5. Were proper custody procedures (relinquished/received) followed?
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	6. Were sample IDs listed on the COC?
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	7. Were sample IDs listed on all sample containers?
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8. Was collection date & time listed on the COC?
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9. Was collection date & time listed on all sample containers?
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10. Did all container label information (ID, date, time) agree with the COC?
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	11. Were tests to be performed listed on the COC?
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	12. Did all samples arrive in the proper containers for each test and/or in good condition (unbroken, lids on, etc.)?
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	13. Was adequate sample volume available?
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	14. Were all samples received within ½ the holding time or 48 hours, whichever comes first?
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	15. Were any samples containers missing/excess (circle one) samples Not listed on COC?
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA	16. For VOA and RSK-175 samples, were bubbles present >"pea-size" (¼") or 6mm in diameter) in any of the VOA vials?
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	17. Were all DRO/metals/nutrient samples received at a pH of < 2?
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	18. Were all cyanide samples received at a pH > 12 and sulfide samples received at a pH > 9?
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	19. Were all applicable NH <sub>3</sub> /TKN/cyanide/phenol/625 (< 0.5mg/L) samples free of residual chlorine?
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	20. Were client remarks/requests (i.e. requested dilutions, MS/MSD designations, etc...) correctly transcribed from the COC into the comment section in LIMS?
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	21. Was the quote number listed on the container label? If yes, Quote # NA
<b>Sample Preservation</b> (Must be completed for any sample(s) incorrectly preserved or with headspace.)	
Sample(s) NA were received incorrectly preserved and were adjusted accordingly in sample receiving with NA mL of circle one: H2SO4, HNO3, HCl, NaOH using SR # NA.	
Time of preservation NA. If more than one preservative is needed, please note in the comments below.	
Sample(s) NA were received with bubbles >6 mm in diameter.	
Samples(s) NA were received with TRC > 0.5 mg/L (If #19 is no) and were adjusted accordingly in sample receiving with sodium thiosulfate (Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> ) with Shealy ID: NA.	
SR barcode labels applied by: EJB Date: 7/3/19	

Comments:

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# SHEALY ENVIRONMENTAL SERVICES, INC.

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## Report of Analysis

### **Terracon Consultants, Inc.**

2401 Brentwood Road  
Suite 107 I  
Raleigh, NC 27604  
Attention: Will Frazier

Project Name: Corner Store

Project Number: 70149611A

Lot Number: **UG09009**

Date Completed: 07/16/2019



07/17/2019 7:05 PM

Approved and released by:  
Project Manager: Cathy S. Dover



The electronic signature above is the equivalent of a handwritten signature.

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106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 [www.shealylab.com](http://www.shealylab.com)

# **SHEALY ENVIRONMENTAL SERVICES, INC.**

SC DHEC No: 32010001

NELAC No: E87653

NC DENR No: 329

NC Field Parameters No: 5639

## **Case Narrative Terracon Consultants, Inc. Lot Number: UG09009**

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

All results listed in this report relate only to the samples that are contained within this report.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved NELAC standards, the Shealy Environmental Services, Inc. ("Shealy") Quality Assurance Management Plan (QAMP), standard operating procedures (SOPs), and Shealy policies. Any exceptions to the NELAC standards, the QAMP, SOPs or policies are qualified on the results page or discussed below.

If you have any questions regarding this report please contact the Shealy Project Manager listed on the cover page.

# SHEALY ENVIRONMENTAL SERVICES, INC.

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**Sample Summary**  
**Terracon Consultants, Inc.**  
**Lot Number: UG09009**  
**Project Name: Corner Store**  
**Project Number: 70149611A**

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	CSW-51	Aqueous	07/08/2019 1025	07/09/2019
002	CSW-46	Aqueous	07/08/2019 1045	07/09/2019
003	PSW-3	Aqueous	07/08/2019 1105	07/09/2019
004	MW-5i	Aqueous	07/08/2019 1153	07/09/2019
005	MW-16i	Aqueous	07/08/2019 1209	07/09/2019
006	MW-14i	Aqueous	07/08/2019 1333	07/09/2019
007	MW-7	Aqueous	07/08/2019 1348	07/09/2019
008	FB-01	Aqueous	07/08/2019 1425	07/09/2019
009	MW-03	Aqueous	07/08/2019 1435	07/09/2019

(9 samples)

# SHEALY ENVIRONMENTAL SERVICES, INC.

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**Detection Summary**  
**Terracon Consultants, Inc.**  
**Lot Number: UG09009**  
**Project Name: Corner Store**  
**Project Number: 70149611A**

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
003	PSW-3	Aqueous	Bromodichloromethane	SM 6200B-	0.70		ug/L	9
003	PSW-3	Aqueous	Chloroform	SM 6200B-	0.45	J	ug/L	9
003	PSW-3	Aqueous	Dibromochloromethane	SM 6200B-	0.84		ug/L	9
004	MW-5i	Aqueous	1,3,5-Trimethylbenzene	SM 6200B-	0.71		ug/L	12
004	MW-5i	Aqueous	1,2,4-Trimethylbenzene	SM 6200B-	0.98		ug/L	12
004	MW-5i	Aqueous	o - Xylenes	SM 6200B-	1.3		ug/L	12

(6 detections)

# Volatile Organic Compounds by GC/MS

Client: <b>Terracon Consultants, Inc.</b>				Laboratory ID: <b>UG09009-001</b>			
Description: <b>CSW-51</b>				Matrix: <b>Aqueous</b>			
Date Sampled: <b>07/08/2019 1025</b>				Project Name: <b>Corner Store</b>			
Date Received: <b>07/09/2019</b>				Project Number: <b>70149611A</b>			

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	SM 6200B-	SM 6200B-2011	1	07/12/2019 1749	BWS		22398

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Benzene	71-43-2	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromobenzene	108-86-1	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromochloromethane	74-97-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromodichloromethane	75-27-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromoform	75-25-2	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	SM 6200B-	ND		0.50	0.40	ug/L	1
n-Butylbenzene	104-51-8	SM 6200B-	ND		0.50	0.40	ug/L	1
sec-Butylbenzene	135-98-8	SM 6200B-	ND		0.50	0.40	ug/L	1
tert-Butylbenzene	98-06-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Carbon tetrachloride	56-23-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Chlorobenzene	108-90-7	SM 6200B-	ND		0.50	0.40	ug/L	1
Chloroethane	75-00-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Chloroform	67-66-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	SM 6200B-	ND		0.50	0.40	ug/L	1
2-Chlorotoluene	95-49-8	SM 6200B-	ND		0.50	0.40	ug/L	1
4-Chlorotoluene	106-43-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Dibromochloromethane	124-48-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dichlorobenzene	95-50-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,3-Dichlorobenzene	541-73-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,4-Dichlorobenzene	106-46-7	SM 6200B-	ND		0.50	0.40	ug/L	1
Dichlorodifluoromethane	75-71-8	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1-Dichloroethane	75-34-3	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dichloroethane	107-06-2	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1-Dichloroethene	75-35-4	SM 6200B-	ND		0.50	0.40	ug/L	1
cis-1,2-Dichloroethene	156-59-2	SM 6200B-	ND		0.50	0.40	ug/L	1
trans-1,2-Dichloroethene	156-60-5	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dichloropropane	78-87-5	SM 6200B-	ND		0.50	0.40	ug/L	1
1,3-Dichloropropane	142-28-9	SM 6200B-	ND		0.50	0.40	ug/L	1
2,2-Dichloropropane	594-20-7	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1-Dichloropropene	563-58-6	SM 6200B-	ND		0.50	0.40	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	SM 6200B-	ND		0.50	0.40	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Diisopropyl ether (IPE)	108-20-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Ethylbenzene	100-41-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Hexachlorobutadiene	87-68-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Isopropylbenzene (Cumene)	98-82-8	SM 6200B-	ND		0.50	0.40	ug/L	1
p-Isopropyltoluene (p-Cymene)	99-87-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Methylene chloride	75-09-2	SM 6200B-	ND		0.50	0.40	ug/L	1
Naphthalene	91-20-3	SM 6200B-	ND		0.50	0.40	ug/L	1
n-Propylbenzene	103-65-1	SM 6200B-	ND		0.50	0.40	ug/L	1
Styrene	100-42-5	SM 6200B-	ND		0.50	0.40	ug/L	1

LOQ = Limit of Quantitation	B = Detected in the method blank	E = Quantitation of compound exceeded the calibration range	DL = Detection Limit
ND = Not detected at or above the DL	N = Recovery is out of criteria	P = The RPD between two GC columns exceeds 40%	J = Estimated result < LOQ and ≥ DL
H = Out of holding time	W = Reported on wet weight basis		

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# Volatile Organic Compounds by GC/MS

Client: <b>Terracon Consultants, Inc.</b>			Laboratory ID: <b>UG09009-001</b>		
Description: <b>CSW-51</b>			Matrix: <b>Aqueous</b>		
Date Sampled: <b>07/08/2019 1025</b>			Project Name: <b>Corner Store</b>		
Date Received: <b>07/09/2019</b>			Project Number: <b>70149611A</b>		

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	SM 6200B-	SM 6200B-2011	1	07/12/2019 1749	BWS		22398

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,1,1,2-Tetrachloroethane	630-20-6	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Tetrachloroethene	127-18-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Toluene	108-88-3	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,3-Trichlorobenzene	87-61-6	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,1-Trichloroethane	71-55-6	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,2-Trichloroethane	79-00-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Trichloroethene	79-01-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Trichlorofluoromethane	75-69-4	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,3-Trichloropropane	96-18-4	SM 6200B-	ND		0.50	0.40	ug/L	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,4-Trimethylbenzene	95-63-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Vinyl chloride	75-01-4	SM 6200B-	ND		0.50	0.40	ug/L	1
m+p - Xylenes	179601-23-1	SM 6200B-	ND		0.50	0.40	ug/L	1
o - Xylenes	95-47-6	SM 6200B-	ND		0.50	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		90	70-130
Bromofluorobenzene		108	70-130
Toluene-d8		98	70-130

LOQ = Limit of Quantitation      B = Detected in the method blank      E = Quantitation of compound exceeded the calibration range      DL = Detection Limit  
 ND = Not detected at or above the DL      N = Recovery is out of criteria      P = The RPD between two GC columns exceeds 40%      J = Estimated result < LOQ and ≥ DL  
 H = Out of holding time      W = Reported on wet weight basis

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# Volatile Organic Compounds by GC/MS

Client: <b>Terracon Consultants, Inc.</b>				Laboratory ID: <b>UG09009-002</b>			
Description: <b>CSW-46</b>				Matrix: <b>Aqueous</b>			
Date Sampled: <b>07/08/2019 1045</b>				Project Name: <b>Corner Store</b>			
Date Received: <b>07/09/2019</b>				Project Number: <b>70149611A</b>			

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	SM 6200B-	SM 6200B-2011	1	07/12/2019 1813	BWS		22398

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Benzene	71-43-2	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromobenzene	108-86-1	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromochloromethane	74-97-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromodichloromethane	75-27-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromoform	75-25-2	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	SM 6200B-	ND		0.50	0.40	ug/L	1
n-Butylbenzene	104-51-8	SM 6200B-	ND		0.50	0.40	ug/L	1
sec-Butylbenzene	135-98-8	SM 6200B-	ND		0.50	0.40	ug/L	1
tert-Butylbenzene	98-06-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Carbon tetrachloride	56-23-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Chlorobenzene	108-90-7	SM 6200B-	ND		0.50	0.40	ug/L	1
Chloroethane	75-00-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Chloroform	67-66-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	SM 6200B-	ND		0.50	0.40	ug/L	1
2-Chlorotoluene	95-49-8	SM 6200B-	ND		0.50	0.40	ug/L	1
4-Chlorotoluene	106-43-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Dibromochloromethane	124-48-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dichlorobenzene	95-50-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,3-Dichlorobenzene	541-73-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,4-Dichlorobenzene	106-46-7	SM 6200B-	ND		0.50	0.40	ug/L	1
Dichlorodifluoromethane	75-71-8	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1-Dichloroethane	75-34-3	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dichloroethane	107-06-2	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1-Dichloroethene	75-35-4	SM 6200B-	ND		0.50	0.40	ug/L	1
cis-1,2-Dichloroethene	156-59-2	SM 6200B-	ND		0.50	0.40	ug/L	1
trans-1,2-Dichloroethene	156-60-5	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dichloropropane	78-87-5	SM 6200B-	ND		0.50	0.40	ug/L	1
1,3-Dichloropropane	142-28-9	SM 6200B-	ND		0.50	0.40	ug/L	1
2,2-Dichloropropane	594-20-7	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1-Dichloropropene	563-58-6	SM 6200B-	ND		0.50	0.40	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	SM 6200B-	ND		0.50	0.40	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Diisopropyl ether (IPE)	108-20-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Ethylbenzene	100-41-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Hexachlorobutadiene	87-68-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Isopropylbenzene (Cumene)	98-82-8	SM 6200B-	ND		0.50	0.40	ug/L	1
p-Isopropyltoluene (p-Cymene)	99-87-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Methylene chloride	75-09-2	SM 6200B-	ND		0.50	0.40	ug/L	1
Naphthalene	91-20-3	SM 6200B-	ND		0.50	0.40	ug/L	1
n-Propylbenzene	103-65-1	SM 6200B-	ND		0.50	0.40	ug/L	1
Styrene	100-42-5	SM 6200B-	ND		0.50	0.40	ug/L	1

LOQ = Limit of Quantitation	B = Detected in the method blank	E = Quantitation of compound exceeded the calibration range	DL = Detection Limit
ND = Not detected at or above the DL	N = Recovery is out of criteria	P = The RPD between two GC columns exceeds 40%	J = Estimated result < LOQ and ≥ DL
H = Out of holding time	W = Reported on wet weight basis		

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# Volatile Organic Compounds by GC/MS

Client: <b>Terracon Consultants, Inc.</b>			Laboratory ID: <b>UG09009-002</b>		
Description: <b>CSW-46</b>			Matrix: <b>Aqueous</b>		
Date Sampled: <b>07/08/2019 1045</b>			Project Name: <b>Corner Store</b>		
Date Received: <b>07/09/2019</b>			Project Number: <b>70149611A</b>		

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	SM 6200B-	SM 6200B-2011	1	07/12/2019 1813	BWS		22398

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,1,1,2-Tetrachloroethane	630-20-6	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Tetrachloroethene	127-18-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Toluene	108-88-3	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,3-Trichlorobenzene	87-61-6	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,1-Trichloroethane	71-55-6	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,2-Trichloroethane	79-00-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Trichloroethene	79-01-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Trichlorofluoromethane	75-69-4	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,3-Trichloropropane	96-18-4	SM 6200B-	ND		0.50	0.40	ug/L	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,4-Trimethylbenzene	95-63-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Vinyl chloride	75-01-4	SM 6200B-	ND		0.50	0.40	ug/L	1
m+p - Xylenes	179601-23-1	SM 6200B-	ND		0.50	0.40	ug/L	1
o - Xylenes	95-47-6	SM 6200B-	ND		0.50	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		89	70-130
Bromofluorobenzene		94	70-130
Toluene-d8		95	70-130

LOQ = Limit of Quantitation      B = Detected in the method blank      E = Quantitation of compound exceeded the calibration range      DL = Detection Limit  
 ND = Not detected at or above the DL      N = Recovery is out of criteria      P = The RPD between two GC columns exceeds 40%      J = Estimated result < LOQ and ≥ DL  
 H = Out of holding time      W = Reported on wet weight basis

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# Volatile Organic Compounds by GC/MS

Client: <b>Terracon Consultants, Inc.</b>				Laboratory ID: <b>UG09009-003</b>			
Description: <b>PSW-3</b>				Matrix: <b>Aqueous</b>			
Date Sampled: <b>07/08/2019 1105</b>				Project Name: <b>Corner Store</b>			
Date Received: <b>07/09/2019</b>				Project Number: <b>70149611A</b>			

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	SM 6200B-	SM 6200B-2011	1	07/12/2019 1836	BWS		22398

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Benzene	71-43-2	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromobenzene	108-86-1	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromochloromethane	74-97-5	SM 6200B-	ND		0.50	0.40	ug/L	1
<b>Bromodichloromethane</b>	<b>75-27-4</b>	<b>SM 6200B-</b>	<b>0.70</b>		<b>0.50</b>	<b>0.40</b>	<b>ug/L</b>	<b>1</b>
Bromoform	75-25-2	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	SM 6200B-	ND		0.50	0.40	ug/L	1
n-Butylbenzene	104-51-8	SM 6200B-	ND		0.50	0.40	ug/L	1
sec-Butylbenzene	135-98-8	SM 6200B-	ND		0.50	0.40	ug/L	1
tert-Butylbenzene	98-06-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Carbon tetrachloride	56-23-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Chlorobenzene	108-90-7	SM 6200B-	ND		0.50	0.40	ug/L	1
Chloroethane	75-00-3	SM 6200B-	ND		0.50	0.40	ug/L	1
<b>Chloroform</b>	<b>67-66-3</b>	<b>SM 6200B-</b>	<b>0.45</b>	<b>J</b>	<b>0.50</b>	<b>0.40</b>	<b>ug/L</b>	<b>1</b>
Chloromethane (Methyl chloride)	74-87-3	SM 6200B-	ND		0.50	0.40	ug/L	1
2-Chlorotoluene	95-49-8	SM 6200B-	ND		0.50	0.40	ug/L	1
4-Chlorotoluene	106-43-4	SM 6200B-	ND		0.50	0.40	ug/L	1
<b>Dibromochloromethane</b>	<b>124-48-1</b>	<b>SM 6200B-</b>	<b>0.84</b>		<b>0.50</b>	<b>0.40</b>	<b>ug/L</b>	<b>1</b>
1,2-Dibromoethane (EDB)	106-93-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dichlorobenzene	95-50-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,3-Dichlorobenzene	541-73-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,4-Dichlorobenzene	106-46-7	SM 6200B-	ND		0.50	0.40	ug/L	1
Dichlorodifluoromethane	75-71-8	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1-Dichloroethane	75-34-3	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dichloroethane	107-06-2	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1-Dichloroethene	75-35-4	SM 6200B-	ND		0.50	0.40	ug/L	1
cis-1,2-Dichloroethene	156-59-2	SM 6200B-	ND		0.50	0.40	ug/L	1
trans-1,2-Dichloroethene	156-60-5	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dichloropropane	78-87-5	SM 6200B-	ND		0.50	0.40	ug/L	1
1,3-Dichloropropane	142-28-9	SM 6200B-	ND		0.50	0.40	ug/L	1
2,2-Dichloropropane	594-20-7	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1-Dichloropropene	563-58-6	SM 6200B-	ND		0.50	0.40	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	SM 6200B-	ND		0.50	0.40	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Diisopropyl ether (IPE)	108-20-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Ethylbenzene	100-41-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Hexachlorobutadiene	87-68-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Isopropylbenzene (Cumene)	98-82-8	SM 6200B-	ND		0.50	0.40	ug/L	1
p-Isopropyltoluene (p-Cymene)	99-87-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Methylene chloride	75-09-2	SM 6200B-	ND		0.50	0.40	ug/L	1
Naphthalene	91-20-3	SM 6200B-	ND		0.50	0.40	ug/L	1
n-Propylbenzene	103-65-1	SM 6200B-	ND		0.50	0.40	ug/L	1
Styrene	100-42-5	SM 6200B-	ND		0.50	0.40	ug/L	1

LOQ = Limit of Quantitation	B = Detected in the method blank	E = Quantitation of compound exceeded the calibration range	DL = Detection Limit
ND = Not detected at or above the DL	N = Recovery is out of criteria	P = The RPD between two GC columns exceeds 40%	J = Estimated result < LOQ and ≥ DL
H = Out of holding time	W = Reported on wet weight basis		

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# Volatile Organic Compounds by GC/MS

Client: <b>Terracon Consultants, Inc.</b>			Laboratory ID: <b>UG09009-003</b>		
Description: <b>PSW-3</b>			Matrix: <b>Aqueous</b>		
Date Sampled: <b>07/08/2019 1105</b>			Project Name: <b>Corner Store</b>		
Date Received: <b>07/09/2019</b>			Project Number: <b>70149611A</b>		

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	SM 6200B-	SM 6200B-2011	1	07/12/2019 1836	BWS		22398

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,1,1,2-Tetrachloroethane	630-20-6	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Tetrachloroethene	127-18-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Toluene	108-88-3	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,3-Trichlorobenzene	87-61-6	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,1-Trichloroethane	71-55-6	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,2-Trichloroethane	79-00-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Trichloroethene	79-01-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Trichlorofluoromethane	75-69-4	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,3-Trichloropropane	96-18-4	SM 6200B-	ND		0.50	0.40	ug/L	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,4-Trimethylbenzene	95-63-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Vinyl chloride	75-01-4	SM 6200B-	ND		0.50	0.40	ug/L	1
m+p - Xylenes	179601-23-1	SM 6200B-	ND		0.50	0.40	ug/L	1
o - Xylenes	95-47-6	SM 6200B-	ND		0.50	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		87	70-130
Bromofluorobenzene		91	70-130
Toluene-d8		93	70-130

LOQ = Limit of Quantitation      B = Detected in the method blank      E = Quantitation of compound exceeded the calibration range      DL = Detection Limit  
 ND = Not detected at or above the DL      N = Recovery is out of criteria      P = The RPD between two GC columns exceeds 40%      J = Estimated result < LOQ and ≥ DL  
 H = Out of holding time      W = Reported on wet weight basis

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# Volatile Organic Compounds by GC/MS

Client: <b>Terracon Consultants, Inc.</b>				Laboratory ID: <b>UG09009-004</b>			
Description: <b>MW-5i</b>				Matrix: <b>Aqueous</b>			
Date Sampled: <b>07/08/2019 1153</b>				Project Name: <b>Corner Store</b>			
Date Received: <b>07/09/2019</b>				Project Number: <b>70149611A</b>			

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	SM 6200B-	SM 6200B-2011	1	07/13/2019 1859	STM		22463

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Benzene	71-43-2	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromobenzene	108-86-1	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromochloromethane	74-97-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromodichloromethane	75-27-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromoform	75-25-2	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	SM 6200B-	ND		0.50	0.40	ug/L	1
n-Butylbenzene	104-51-8	SM 6200B-	ND		0.50	0.40	ug/L	1
sec-Butylbenzene	135-98-8	SM 6200B-	ND		0.50	0.40	ug/L	1
tert-Butylbenzene	98-06-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Carbon tetrachloride	56-23-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Chlorobenzene	108-90-7	SM 6200B-	ND		0.50	0.40	ug/L	1
Chloroethane	75-00-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Chloroform	67-66-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	SM 6200B-	ND		0.50	0.40	ug/L	1
2-Chlorotoluene	95-49-8	SM 6200B-	ND		0.50	0.40	ug/L	1
4-Chlorotoluene	106-43-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Dibromochloromethane	124-48-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dichlorobenzene	95-50-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,3-Dichlorobenzene	541-73-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,4-Dichlorobenzene	106-46-7	SM 6200B-	ND		0.50	0.40	ug/L	1
Dichlorodifluoromethane	75-71-8	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1-Dichloroethane	75-34-3	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dichloroethane	107-06-2	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1-Dichloroethene	75-35-4	SM 6200B-	ND		0.50	0.40	ug/L	1
cis-1,2-Dichloroethene	156-59-2	SM 6200B-	ND		0.50	0.40	ug/L	1
trans-1,2-Dichloroethene	156-60-5	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dichloropropane	78-87-5	SM 6200B-	ND		0.50	0.40	ug/L	1
1,3-Dichloropropane	142-28-9	SM 6200B-	ND		0.50	0.40	ug/L	1
2,2-Dichloropropane	594-20-7	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1-Dichloropropene	563-58-6	SM 6200B-	ND		0.50	0.40	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	SM 6200B-	ND		0.50	0.40	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Diisopropyl ether (IPE)	108-20-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Ethylbenzene	100-41-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Hexachlorobutadiene	87-68-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Isopropylbenzene (Cumene)	98-82-8	SM 6200B-	ND		0.50	0.40	ug/L	1
p-Isopropyltoluene (p-Cymene)	99-87-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Methylene chloride	75-09-2	SM 6200B-	ND		0.50	0.40	ug/L	1
Naphthalene	91-20-3	SM 6200B-	ND		0.50	0.40	ug/L	1
n-Propylbenzene	103-65-1	SM 6200B-	ND		0.50	0.40	ug/L	1
Styrene	100-42-5	SM 6200B-	ND		0.50	0.40	ug/L	1

LOQ = Limit of Quantitation	B = Detected in the method blank	E = Quantitation of compound exceeded the calibration range	DL = Detection Limit
ND = Not detected at or above the DL	N = Recovery is out of criteria	P = The RPD between two GC columns exceeds 40%	J = Estimated result < LOQ and ≥ DL
H = Out of holding time	W = Reported on wet weight basis		

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# Volatile Organic Compounds by GC/MS

Client: <b>Terracon Consultants, Inc.</b>			Laboratory ID: <b>UG09009-004</b>		
Description: <b>MW-5i</b>			Matrix: <b>Aqueous</b>		
Date Sampled: <b>07/08/2019 1153</b>			Project Name: <b>Corner Store</b>		
Date Received: <b>07/09/2019</b>			Project Number: <b>70149611A</b>		

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	SM 6200B-	SM 6200B-2011	1	07/13/2019 1859	STM		22463

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,1,1,2-Tetrachloroethane	630-20-6	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Tetrachloroethene	127-18-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Toluene	108-88-3	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,3-Trichlorobenzene	87-61-6	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,1-Trichloroethane	71-55-6	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,2-Trichloroethane	79-00-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Trichloroethene	79-01-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Trichlorofluoromethane	75-69-4	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,3-Trichloropropane	96-18-4	SM 6200B-	ND		0.50	0.40	ug/L	1
<b>1,3,5-Trimethylbenzene (Mesitylene)</b>	<b>108-67-8</b>	<b>SM 6200B-</b>	<b>0.71</b>		<b>0.50</b>	<b>0.40</b>	<b>ug/L</b>	<b>1</b>
<b>1,2,4-Trimethylbenzene</b>	<b>95-63-6</b>	<b>SM 6200B-</b>	<b>0.98</b>		<b>0.50</b>	<b>0.40</b>	<b>ug/L</b>	<b>1</b>
Vinyl chloride	75-01-4	SM 6200B-	ND		0.50	0.40	ug/L	1
m+p - Xylenes	179601-23-1	SM 6200B-	ND		0.50	0.40	ug/L	1
<b>o - Xylenes</b>	<b>95-47-6</b>	<b>SM 6200B-</b>	<b>1.3</b>		<b>0.50</b>	<b>0.40</b>	<b>ug/L</b>	<b>1</b>

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		97	70-130
Bromofluorobenzene		102	70-130
Toluene-d8		99	70-130

LOQ = Limit of Quantitation      B = Detected in the method blank      E = Quantitation of compound exceeded the calibration range      DL = Detection Limit  
 ND = Not detected at or above the DL      N = Recovery is out of criteria      P = The RPD between two GC columns exceeds 40%      J = Estimated result < LOQ and ≥ DL  
 H = Out of holding time      W = Reported on wet weight basis

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# Volatile Organic Compounds by GC/MS

Client: <b>Terracon Consultants, Inc.</b>				Laboratory ID: <b>UG09009-005</b>			
Description: <b>MW-16i</b>				Matrix: <b>Aqueous</b>			
Date Sampled: <b>07/08/2019 1209</b>				Project Name: <b>Corner Store</b>			
Date Received: <b>07/09/2019</b>				Project Number: <b>70149611A</b>			

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	SM 6200B-	SM 6200B-2011	1	07/13/2019 1922	STM		22463

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Benzene	71-43-2	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromobenzene	108-86-1	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromochloromethane	74-97-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromodichloromethane	75-27-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromoform	75-25-2	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	SM 6200B-	ND		0.50	0.40	ug/L	1
n-Butylbenzene	104-51-8	SM 6200B-	ND		0.50	0.40	ug/L	1
sec-Butylbenzene	135-98-8	SM 6200B-	ND		0.50	0.40	ug/L	1
tert-Butylbenzene	98-06-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Carbon tetrachloride	56-23-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Chlorobenzene	108-90-7	SM 6200B-	ND		0.50	0.40	ug/L	1
Chloroethane	75-00-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Chloroform	67-66-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	SM 6200B-	ND		0.50	0.40	ug/L	1
2-Chlorotoluene	95-49-8	SM 6200B-	ND		0.50	0.40	ug/L	1
4-Chlorotoluene	106-43-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Dibromochloromethane	124-48-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dichlorobenzene	95-50-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,3-Dichlorobenzene	541-73-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,4-Dichlorobenzene	106-46-7	SM 6200B-	ND		0.50	0.40	ug/L	1
Dichlorodifluoromethane	75-71-8	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1-Dichloroethane	75-34-3	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dichloroethane	107-06-2	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1-Dichloroethene	75-35-4	SM 6200B-	ND		0.50	0.40	ug/L	1
cis-1,2-Dichloroethene	156-59-2	SM 6200B-	ND		0.50	0.40	ug/L	1
trans-1,2-Dichloroethene	156-60-5	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dichloropropane	78-87-5	SM 6200B-	ND		0.50	0.40	ug/L	1
1,3-Dichloropropane	142-28-9	SM 6200B-	ND		0.50	0.40	ug/L	1
2,2-Dichloropropane	594-20-7	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1-Dichloropropene	563-58-6	SM 6200B-	ND		0.50	0.40	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	SM 6200B-	ND		0.50	0.40	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Diisopropyl ether (IPE)	108-20-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Ethylbenzene	100-41-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Hexachlorobutadiene	87-68-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Isopropylbenzene (Cumene)	98-82-8	SM 6200B-	ND		0.50	0.40	ug/L	1
p-Isopropyltoluene (p-Cymene)	99-87-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Methylene chloride	75-09-2	SM 6200B-	ND		0.50	0.40	ug/L	1
Naphthalene	91-20-3	SM 6200B-	ND		0.50	0.40	ug/L	1
n-Propylbenzene	103-65-1	SM 6200B-	ND		0.50	0.40	ug/L	1
Styrene	100-42-5	SM 6200B-	ND		0.50	0.40	ug/L	1

LOQ = Limit of Quantitation	B = Detected in the method blank	E = Quantitation of compound exceeded the calibration range	DL = Detection Limit
ND = Not detected at or above the DL	N = Recovery is out of criteria	P = The RPD between two GC columns exceeds 40%	J = Estimated result < LOQ and ≥ DL
H = Out of holding time	W = Reported on wet weight basis		

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# Volatile Organic Compounds by GC/MS

Client: <b>Terracon Consultants, Inc.</b>			Laboratory ID: <b>UG09009-005</b>		
Description: <b>MW-16i</b>			Matrix: <b>Aqueous</b>		
Date Sampled: <b>07/08/2019 1209</b>			Project Name: <b>Corner Store</b>		
Date Received: <b>07/09/2019</b>			Project Number: <b>70149611A</b>		

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	SM 6200B-	SM 6200B-2011	1	07/13/2019 1922	STM		22463

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,1,1,2-Tetrachloroethane	630-20-6	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Tetrachloroethene	127-18-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Toluene	108-88-3	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,3-Trichlorobenzene	87-61-6	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,1-Trichloroethane	71-55-6	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,2-Trichloroethane	79-00-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Trichloroethene	79-01-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Trichlorofluoromethane	75-69-4	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,3-Trichloropropane	96-18-4	SM 6200B-	ND		0.50	0.40	ug/L	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,4-Trimethylbenzene	95-63-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Vinyl chloride	75-01-4	SM 6200B-	ND		0.50	0.40	ug/L	1
m+p - Xylenes	179601-23-1	SM 6200B-	ND		0.50	0.40	ug/L	1
o - Xylenes	95-47-6	SM 6200B-	ND		0.50	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		97	70-130
Bromofluorobenzene		102	70-130
Toluene-d8		98	70-130

LOQ = Limit of Quantitation      B = Detected in the method blank      E = Quantitation of compound exceeded the calibration range      DL = Detection Limit  
 ND = Not detected at or above the DL      N = Recovery is out of criteria      P = The RPD between two GC columns exceeds 40%      J = Estimated result < LOQ and ≥ DL  
 H = Out of holding time      W = Reported on wet weight basis

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# Volatile Organic Compounds by GC/MS

Client: <b>Terracon Consultants, Inc.</b>				Laboratory ID: <b>UG09009-006</b>			
Description: <b>MW-14i</b>				Matrix: <b>Aqueous</b>			
Date Sampled: <b>07/08/2019 1333</b>				Project Name: <b>Corner Store</b>			
Date Received: <b>07/09/2019</b>				Project Number: <b>70149611A</b>			

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	SM 6200B-	SM 6200B-2011	1	07/13/2019 1945	STM		22463

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Benzene	71-43-2	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromobenzene	108-86-1	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromochloromethane	74-97-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromodichloromethane	75-27-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromoform	75-25-2	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	SM 6200B-	ND		0.50	0.40	ug/L	1
n-Butylbenzene	104-51-8	SM 6200B-	ND		0.50	0.40	ug/L	1
sec-Butylbenzene	135-98-8	SM 6200B-	ND		0.50	0.40	ug/L	1
tert-Butylbenzene	98-06-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Carbon tetrachloride	56-23-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Chlorobenzene	108-90-7	SM 6200B-	ND		0.50	0.40	ug/L	1
Chloroethane	75-00-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Chloroform	67-66-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	SM 6200B-	ND		0.50	0.40	ug/L	1
2-Chlorotoluene	95-49-8	SM 6200B-	ND		0.50	0.40	ug/L	1
4-Chlorotoluene	106-43-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Dibromochloromethane	124-48-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dichlorobenzene	95-50-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,3-Dichlorobenzene	541-73-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,4-Dichlorobenzene	106-46-7	SM 6200B-	ND		0.50	0.40	ug/L	1
Dichlorodifluoromethane	75-71-8	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1-Dichloroethane	75-34-3	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dichloroethane	107-06-2	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1-Dichloroethene	75-35-4	SM 6200B-	ND		0.50	0.40	ug/L	1
cis-1,2-Dichloroethene	156-59-2	SM 6200B-	ND		0.50	0.40	ug/L	1
trans-1,2-Dichloroethene	156-60-5	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dichloropropane	78-87-5	SM 6200B-	ND		0.50	0.40	ug/L	1
1,3-Dichloropropane	142-28-9	SM 6200B-	ND		0.50	0.40	ug/L	1
2,2-Dichloropropane	594-20-7	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1-Dichloropropene	563-58-6	SM 6200B-	ND		0.50	0.40	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	SM 6200B-	ND		0.50	0.40	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Diisopropyl ether (IPE)	108-20-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Ethylbenzene	100-41-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Hexachlorobutadiene	87-68-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Isopropylbenzene (Cumene)	98-82-8	SM 6200B-	ND		0.50	0.40	ug/L	1
p-Isopropyltoluene (p-Cymene)	99-87-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Methylene chloride	75-09-2	SM 6200B-	ND		0.50	0.40	ug/L	1
Naphthalene	91-20-3	SM 6200B-	ND		0.50	0.40	ug/L	1
n-Propylbenzene	103-65-1	SM 6200B-	ND		0.50	0.40	ug/L	1
Styrene	100-42-5	SM 6200B-	ND		0.50	0.40	ug/L	1

LOQ = Limit of Quantitation	B = Detected in the method blank	E = Quantitation of compound exceeded the calibration range	DL = Detection Limit
ND = Not detected at or above the DL	N = Recovery is out of criteria	P = The RPD between two GC columns exceeds 40%	J = Estimated result < LOQ and ≥ DL
H = Out of holding time	W = Reported on wet weight basis		

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# Volatile Organic Compounds by GC/MS

Client: <b>Terracon Consultants, Inc.</b>			Laboratory ID: <b>UG09009-006</b>		
Description: <b>MW-14i</b>			Matrix: <b>Aqueous</b>		
Date Sampled: <b>07/08/2019 1333</b>			Project Name: <b>Corner Store</b>		
Date Received: <b>07/09/2019</b>			Project Number: <b>70149611A</b>		

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	SM 6200B-	SM 6200B-2011	1	07/13/2019 1945	STM		22463

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,1,1,2-Tetrachloroethane	630-20-6	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Tetrachloroethene	127-18-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Toluene	108-88-3	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,3-Trichlorobenzene	87-61-6	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,1-Trichloroethane	71-55-6	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,2-Trichloroethane	79-00-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Trichloroethene	79-01-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Trichlorofluoromethane	75-69-4	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,3-Trichloropropane	96-18-4	SM 6200B-	ND		0.50	0.40	ug/L	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,4-Trimethylbenzene	95-63-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Vinyl chloride	75-01-4	SM 6200B-	ND		0.50	0.40	ug/L	1
m+p - Xylenes	179601-23-1	SM 6200B-	ND		0.50	0.40	ug/L	1
o - Xylenes	95-47-6	SM 6200B-	ND		0.50	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		94	70-130
Bromofluorobenzene		98	70-130
Toluene-d8		96	70-130

LOQ = Limit of Quantitation	B = Detected in the method blank	E = Quantitation of compound exceeded the calibration range	DL = Detection Limit
ND = Not detected at or above the DL	N = Recovery is out of criteria	P = The RPD between two GC columns exceeds 40%	J = Estimated result < LOQ and ≥ DL
H = Out of holding time	W = Reported on wet weight basis		

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# Volatile Organic Compounds by GC/MS

Client: <b>Terracon Consultants, Inc.</b>				Laboratory ID: <b>UG09009-007</b>			
Description: <b>MW-7</b>				Matrix: <b>Aqueous</b>			
Date Sampled: <b>07/08/2019 1348</b>				Project Name: <b>Corner Store</b>			
Date Received: <b>07/09/2019</b>				Project Number: <b>70149611A</b>			

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	SM 6200B-	SM 6200B-2011	1	07/13/2019 2008	STM		22463

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Benzene	71-43-2	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromobenzene	108-86-1	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromochloromethane	74-97-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromodichloromethane	75-27-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromoform	75-25-2	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	SM 6200B-	ND		0.50	0.40	ug/L	1
n-Butylbenzene	104-51-8	SM 6200B-	ND		0.50	0.40	ug/L	1
sec-Butylbenzene	135-98-8	SM 6200B-	ND		0.50	0.40	ug/L	1
tert-Butylbenzene	98-06-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Carbon tetrachloride	56-23-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Chlorobenzene	108-90-7	SM 6200B-	ND		0.50	0.40	ug/L	1
Chloroethane	75-00-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Chloroform	67-66-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	SM 6200B-	ND		0.50	0.40	ug/L	1
2-Chlorotoluene	95-49-8	SM 6200B-	ND		0.50	0.40	ug/L	1
4-Chlorotoluene	106-43-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Dibromochloromethane	124-48-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dichlorobenzene	95-50-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,3-Dichlorobenzene	541-73-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,4-Dichlorobenzene	106-46-7	SM 6200B-	ND		0.50	0.40	ug/L	1
Dichlorodifluoromethane	75-71-8	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1-Dichloroethane	75-34-3	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dichloroethane	107-06-2	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1-Dichloroethene	75-35-4	SM 6200B-	ND		0.50	0.40	ug/L	1
cis-1,2-Dichloroethene	156-59-2	SM 6200B-	ND		0.50	0.40	ug/L	1
trans-1,2-Dichloroethene	156-60-5	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dichloropropane	78-87-5	SM 6200B-	ND		0.50	0.40	ug/L	1
1,3-Dichloropropane	142-28-9	SM 6200B-	ND		0.50	0.40	ug/L	1
2,2-Dichloropropane	594-20-7	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1-Dichloropropene	563-58-6	SM 6200B-	ND		0.50	0.40	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	SM 6200B-	ND		0.50	0.40	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Diisopropyl ether (IPE)	108-20-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Ethylbenzene	100-41-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Hexachlorobutadiene	87-68-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Isopropylbenzene (Cumene)	98-82-8	SM 6200B-	ND		0.50	0.40	ug/L	1
p-Isopropyltoluene (p-Cymene)	99-87-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Methylene chloride	75-09-2	SM 6200B-	ND		0.50	0.40	ug/L	1
Naphthalene	91-20-3	SM 6200B-	ND		0.50	0.40	ug/L	1
n-Propylbenzene	103-65-1	SM 6200B-	ND		0.50	0.40	ug/L	1
Styrene	100-42-5	SM 6200B-	ND		0.50	0.40	ug/L	1

LOQ = Limit of Quantitation	B = Detected in the method blank	E = Quantitation of compound exceeded the calibration range	DL = Detection Limit
ND = Not detected at or above the DL	N = Recovery is out of criteria	P = The RPD between two GC columns exceeds 40%	J = Estimated result < LOQ and ≥ DL
H = Out of holding time	W = Reported on wet weight basis		

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# Volatile Organic Compounds by GC/MS

Client: <b>Terracon Consultants, Inc.</b>			Laboratory ID: <b>UG09009-007</b>		
Description: <b>MW-7</b>			Matrix: <b>Aqueous</b>		
Date Sampled: <b>07/08/2019 1348</b>			Project Name: <b>Corner Store</b>		
Date Received: <b>07/09/2019</b>			Project Number: <b>70149611A</b>		

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	SM 6200B-	SM 6200B-2011	1	07/13/2019 2008	STM		22463

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,1,1,2-Tetrachloroethane	630-20-6	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Tetrachloroethene	127-18-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Toluene	108-88-3	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,3-Trichlorobenzene	87-61-6	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,1-Trichloroethane	71-55-6	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,2-Trichloroethane	79-00-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Trichloroethene	79-01-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Trichlorofluoromethane	75-69-4	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,3-Trichloropropane	96-18-4	SM 6200B-	ND		0.50	0.40	ug/L	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,4-Trimethylbenzene	95-63-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Vinyl chloride	75-01-4	SM 6200B-	ND		0.50	0.40	ug/L	1
m+p - Xylenes	179601-23-1	SM 6200B-	ND		0.50	0.40	ug/L	1
o - Xylenes	95-47-6	SM 6200B-	ND		0.50	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		95	70-130
Bromofluorobenzene		94	70-130
Toluene-d8		94	70-130

LOQ = Limit of Quantitation      B = Detected in the method blank      E = Quantitation of compound exceeded the calibration range      DL = Detection Limit  
 ND = Not detected at or above the DL      N = Recovery is out of criteria      P = The RPD between two GC columns exceeds 40%      J = Estimated result < LOQ and ≥ DL  
 H = Out of holding time      W = Reported on wet weight basis

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# Volatile Organic Compounds by GC/MS

Client: <b>Terracon Consultants, Inc.</b>				Laboratory ID: <b>UG09009-008</b>			
Description: <b>FB-01</b>				Matrix: <b>Aqueous</b>			
Date Sampled: <b>07/08/2019 1425</b>				Project Name: <b>Corner Store</b>			
Date Received: <b>07/09/2019</b>				Project Number: <b>70149611A</b>			

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	SM 6200B-	SM 6200B-2011	1	07/13/2019 2031	STM		22463

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Benzene	71-43-2	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromobenzene	108-86-1	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromochloromethane	74-97-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromodichloromethane	75-27-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromoform	75-25-2	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	SM 6200B-	ND		0.50	0.40	ug/L	1
n-Butylbenzene	104-51-8	SM 6200B-	ND		0.50	0.40	ug/L	1
sec-Butylbenzene	135-98-8	SM 6200B-	ND		0.50	0.40	ug/L	1
tert-Butylbenzene	98-06-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Carbon tetrachloride	56-23-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Chlorobenzene	108-90-7	SM 6200B-	ND		0.50	0.40	ug/L	1
Chloroethane	75-00-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Chloroform	67-66-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	SM 6200B-	ND		0.50	0.40	ug/L	1
2-Chlorotoluene	95-49-8	SM 6200B-	ND		0.50	0.40	ug/L	1
4-Chlorotoluene	106-43-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Dibromochloromethane	124-48-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dichlorobenzene	95-50-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,3-Dichlorobenzene	541-73-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,4-Dichlorobenzene	106-46-7	SM 6200B-	ND		0.50	0.40	ug/L	1
Dichlorodifluoromethane	75-71-8	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1-Dichloroethane	75-34-3	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dichloroethane	107-06-2	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1-Dichloroethene	75-35-4	SM 6200B-	ND		0.50	0.40	ug/L	1
cis-1,2-Dichloroethene	156-59-2	SM 6200B-	ND		0.50	0.40	ug/L	1
trans-1,2-Dichloroethene	156-60-5	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dichloropropane	78-87-5	SM 6200B-	ND		0.50	0.40	ug/L	1
1,3-Dichloropropane	142-28-9	SM 6200B-	ND		0.50	0.40	ug/L	1
2,2-Dichloropropane	594-20-7	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1-Dichloropropene	563-58-6	SM 6200B-	ND		0.50	0.40	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	SM 6200B-	ND		0.50	0.40	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Diisopropyl ether (IPE)	108-20-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Ethylbenzene	100-41-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Hexachlorobutadiene	87-68-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Isopropylbenzene (Cumene)	98-82-8	SM 6200B-	ND		0.50	0.40	ug/L	1
p-Isopropyltoluene (p-Cymene)	99-87-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Methylene chloride	75-09-2	SM 6200B-	ND		0.50	0.40	ug/L	1
Naphthalene	91-20-3	SM 6200B-	ND		0.50	0.40	ug/L	1
n-Propylbenzene	103-65-1	SM 6200B-	ND		0.50	0.40	ug/L	1
Styrene	100-42-5	SM 6200B-	ND		0.50	0.40	ug/L	1

LOQ = Limit of Quantitation	B = Detected in the method blank	E = Quantitation of compound exceeded the calibration range	DL = Detection Limit
ND = Not detected at or above the DL	N = Recovery is out of criteria	P = The RPD between two GC columns exceeds 40%	J = Estimated result < LOQ and ≥ DL
H = Out of holding time	W = Reported on wet weight basis		

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# Volatile Organic Compounds by GC/MS

Client: <b>Terracon Consultants, Inc.</b>			Laboratory ID: <b>UG09009-008</b>		
Description: <b>FB-01</b>			Matrix: <b>Aqueous</b>		
Date Sampled: <b>07/08/2019 1425</b>			Project Name: <b>Corner Store</b>		
Date Received: <b>07/09/2019</b>			Project Number: <b>70149611A</b>		

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	SM 6200B-	SM 6200B-2011	1	07/13/2019 2031	STM		22463

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,1,1,2-Tetrachloroethane	630-20-6	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Tetrachloroethene	127-18-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Toluene	108-88-3	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,3-Trichlorobenzene	87-61-6	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,1-Trichloroethane	71-55-6	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,2-Trichloroethane	79-00-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Trichloroethene	79-01-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Trichlorofluoromethane	75-69-4	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,3-Trichloropropane	96-18-4	SM 6200B-	ND		0.50	0.40	ug/L	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,4-Trimethylbenzene	95-63-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Vinyl chloride	75-01-4	SM 6200B-	ND		0.50	0.40	ug/L	1
m+p - Xylenes	179601-23-1	SM 6200B-	ND		0.50	0.40	ug/L	1
o - Xylenes	95-47-6	SM 6200B-	ND		0.50	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		96	70-130
Bromofluorobenzene		93	70-130
Toluene-d8		97	70-130

LOQ = Limit of Quantitation      B = Detected in the method blank      E = Quantitation of compound exceeded the calibration range      DL = Detection Limit  
 ND = Not detected at or above the DL      N = Recovery is out of criteria      P = The RPD between two GC columns exceeds 40%      J = Estimated result < LOQ and ≥ DL  
 H = Out of holding time      W = Reported on wet weight basis

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# Volatile Organic Compounds by GC/MS

Client: <b>Terracon Consultants, Inc.</b>				Laboratory ID: <b>UG09009-009</b>			
Description: <b>MW-03</b>				Matrix: <b>Aqueous</b>			
Date Sampled: <b>07/08/2019 1435</b>				Project Name: <b>Corner Store</b>			
Date Received: <b>07/09/2019</b>				Project Number: <b>70149611A</b>			

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	SM 6200B-	SM 6200B-2011	1	07/13/2019 2100	STM		22463

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
Benzene	71-43-2	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromobenzene	108-86-1	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromochloromethane	74-97-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromodichloromethane	75-27-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromoform	75-25-2	SM 6200B-	ND		0.50	0.40	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	SM 6200B-	ND		0.50	0.40	ug/L	1
n-Butylbenzene	104-51-8	SM 6200B-	ND		0.50	0.40	ug/L	1
sec-Butylbenzene	135-98-8	SM 6200B-	ND		0.50	0.40	ug/L	1
tert-Butylbenzene	98-06-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Carbon tetrachloride	56-23-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Chlorobenzene	108-90-7	SM 6200B-	ND		0.50	0.40	ug/L	1
Chloroethane	75-00-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Chloroform	67-66-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	SM 6200B-	ND		0.50	0.40	ug/L	1
2-Chlorotoluene	95-49-8	SM 6200B-	ND		0.50	0.40	ug/L	1
4-Chlorotoluene	106-43-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Dibromochloromethane	124-48-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dichlorobenzene	95-50-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,3-Dichlorobenzene	541-73-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,4-Dichlorobenzene	106-46-7	SM 6200B-	ND		0.50	0.40	ug/L	1
Dichlorodifluoromethane	75-71-8	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1-Dichloroethane	75-34-3	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dichloroethane	107-06-2	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1-Dichloroethene	75-35-4	SM 6200B-	ND		0.50	0.40	ug/L	1
cis-1,2-Dichloroethene	156-59-2	SM 6200B-	ND		0.50	0.40	ug/L	1
trans-1,2-Dichloroethene	156-60-5	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2-Dichloropropane	78-87-5	SM 6200B-	ND		0.50	0.40	ug/L	1
1,3-Dichloropropane	142-28-9	SM 6200B-	ND		0.50	0.40	ug/L	1
2,2-Dichloropropane	594-20-7	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1-Dichloropropene	563-58-6	SM 6200B-	ND		0.50	0.40	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	SM 6200B-	ND		0.50	0.40	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Diisopropyl ether (IPE)	108-20-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Ethylbenzene	100-41-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Hexachlorobutadiene	87-68-3	SM 6200B-	ND		0.50	0.40	ug/L	1
Isopropylbenzene (Cumene)	98-82-8	SM 6200B-	ND		0.50	0.40	ug/L	1
p-Isopropyltoluene (p-Cymene)	99-87-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Methyl tertiary butyl ether (MTBE)	1634-04-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Methylene chloride	75-09-2	SM 6200B-	ND		0.50	0.40	ug/L	1
Naphthalene	91-20-3	SM 6200B-	ND		0.50	0.40	ug/L	1
n-Propylbenzene	103-65-1	SM 6200B-	ND		0.50	0.40	ug/L	1
Styrene	100-42-5	SM 6200B-	ND		0.50	0.40	ug/L	1

LOQ = Limit of Quantitation	B = Detected in the method blank	E = Quantitation of compound exceeded the calibration range	DL = Detection Limit
ND = Not detected at or above the DL	N = Recovery is out of criteria	P = The RPD between two GC columns exceeds 40%	J = Estimated result < LOQ and ≥ DL
H = Out of holding time	W = Reported on wet weight basis		

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# Volatile Organic Compounds by GC/MS

Client: <b>Terracon Consultants, Inc.</b>			Laboratory ID: <b>UG09009-009</b>		
Description: <b>MW-03</b>			Matrix: <b>Aqueous</b>		
Date Sampled: <b>07/08/2019 1435</b>			Project Name: <b>Corner Store</b>		
Date Received: <b>07/09/2019</b>			Project Number: <b>70149611A</b>		

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	SM 6200B-	SM 6200B-2011	1	07/13/2019 2100	STM		22463

Parameter	CAS Number	Analytical Method	Result	Q	LOQ	DL	Units	Run
1,1,1,2-Tetrachloroethane	630-20-6	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Tetrachloroethene	127-18-4	SM 6200B-	ND		0.50	0.40	ug/L	1
Toluene	108-88-3	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,3-Trichlorobenzene	87-61-6	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,4-Trichlorobenzene	120-82-1	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,1-Trichloroethane	71-55-6	SM 6200B-	ND		0.50	0.40	ug/L	1
1,1,2-Trichloroethane	79-00-5	SM 6200B-	ND		0.50	0.40	ug/L	1
Trichloroethene	79-01-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Trichlorofluoromethane	75-69-4	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,3-Trichloropropane	96-18-4	SM 6200B-	ND		0.50	0.40	ug/L	1
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	SM 6200B-	ND		0.50	0.40	ug/L	1
1,2,4-Trimethylbenzene	95-63-6	SM 6200B-	ND		0.50	0.40	ug/L	1
Vinyl chloride	75-01-4	SM 6200B-	ND		0.50	0.40	ug/L	1
m+p - Xylenes	179601-23-1	SM 6200B-	ND		0.50	0.40	ug/L	1
o - Xylenes	95-47-6	SM 6200B-	ND		0.50	0.40	ug/L	1

Surrogate	Q	Run 1 % Recovery	Acceptance Limits
1,2-Dichloroethane-d4		94	70-130
Bromofluorobenzene		95	70-130
Toluene-d8		98	70-130

LOQ = Limit of Quantitation      B = Detected in the method blank      E = Quantitation of compound exceeded the calibration range      DL = Detection Limit  
 ND = Not detected at or above the DL      N = Recovery is out of criteria      P = The RPD between two GC columns exceeds 40%      J = Estimated result < LOQ and ≥ DL  
 H = Out of holding time      W = Reported on wet weight basis

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## QC Summary

# Volatile Organic Compounds by GC/MS - MB

Sample ID: UQ22398-001

Matrix: Aqueous

Batch: 22398

Prep Method: SM 6200B-2011

Analytical Method: SM 6200B-2011

Parameter	Result	Q	Dil	LOQ	DL	Units	Analysis Date
Benzene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Bromobenzene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Bromochloromethane	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Bromodichloromethane	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Bromoform	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Bromomethane (Methyl bromide)	ND		1	0.50	0.40	ug/L	07/12/2019 1256
n-Butylbenzene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
sec-Butylbenzene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
tert-Butylbenzene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Carbon tetrachloride	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Chlorobenzene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Chloroethane	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Chloroform	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Chloromethane (Methyl chloride)	ND		1	0.50	0.40	ug/L	07/12/2019 1256
2-Chlorotoluene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
4-Chlorotoluene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Dibromochloromethane	ND		1	0.50	0.40	ug/L	07/12/2019 1256
1,2-Dibromoethane (EDB)	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Dibromomethane (Methylene bromide)	ND		1	0.50	0.40	ug/L	07/12/2019 1256
1,2-Dichlorobenzene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
1,3-Dichlorobenzene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
1,4-Dichlorobenzene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Dichlorodifluoromethane	ND		1	0.50	0.40	ug/L	07/12/2019 1256
1,1-Dichloroethane	ND		1	0.50	0.40	ug/L	07/12/2019 1256
1,2-Dichloroethane	ND		1	0.50	0.40	ug/L	07/12/2019 1256
1,1-Dichloroethene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
cis-1,2-Dichloroethene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
trans-1,2-Dichloroethene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
1,2-Dichloropropane	ND		1	0.50	0.40	ug/L	07/12/2019 1256
1,3-Dichloropropane	ND		1	0.50	0.40	ug/L	07/12/2019 1256
2,2-Dichloropropane	ND		1	0.50	0.40	ug/L	07/12/2019 1256
1,1-Dichloropropene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
cis-1,3-Dichloropropene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
trans-1,3-Dichloropropene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Diisopropyl ether (IPE)	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Ethylbenzene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Hexachlorobutadiene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Isopropylbenzene (Cumene)	ND		1	0.50	0.40	ug/L	07/12/2019 1256
p-Isopropyltoluene (p-Cymene)	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Methyl tertiary butyl ether (MTBE)	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Methylene chloride	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Naphthalene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
n-Propylbenzene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Styrene	ND		1	0.50	0.40	ug/L	07/12/2019 1256

LOQ = Limit of Quantitation

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

DL = Detection Limit

J = Estimated result < LOQ and >\_DL

+ = RPD is out of criteria

LOD = Limit of Detection

ND = Not detected at or above the DL

**Note: Calculations are performed before rounding to avoid round-off errors in calculated results**

Shealy Environmental Services, Inc.

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**QC Data for Lot Number: UG09009**

# Volatile Organic Compounds by GC/MS - MB

Sample ID: UQ22398-001

Matrix: Aqueous

Batch: 22398

Prep Method: SM 6200B-2011

Analytical Method: SM 6200B-2011

Parameter	Result	Q	Dil	LOQ	DL	Units	Analysis Date
1,1,1,2-Tetrachloroethane	ND		1	0.50	0.40	ug/L	07/12/2019 1256
1,1,2,2-Tetrachloroethane	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Tetrachloroethene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Toluene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	0.50	0.40	ug/L	07/12/2019 1256
1,2,3-Trichlorobenzene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
1,2,4-Trichlorobenzene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
1,1,1-Trichloroethane	ND		1	0.50	0.40	ug/L	07/12/2019 1256
1,1,2-Trichloroethane	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Trichloroethene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Trichlorofluoromethane	ND		1	0.50	0.40	ug/L	07/12/2019 1256
1,2,3-Trichloropropane	ND		1	0.50	0.40	ug/L	07/12/2019 1256
1,3,5-Trimethylbenzene (Mesitylene)	ND		1	0.50	0.40	ug/L	07/12/2019 1256
1,2,4-Trimethylbenzene	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Vinyl chloride	ND		1	0.50	0.40	ug/L	07/12/2019 1256
m+p - Xylenes	ND		1	0.50	0.40	ug/L	07/12/2019 1256
o - Xylenes	ND		1	0.50	0.40	ug/L	07/12/2019 1256
Surrogate	Q	% Rec	Acceptance Limit				
1,2-Dichloroethane-d4		88	70-130				
Bromofluorobenzene		101	70-130				
Toluene-d8		94	70-130				

LOQ = Limit of Quantitation

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

DL = Detection Limit

J = Estimated result < LOQ and >\_DL

+ = RPD is out of criteria

LOD = Limit of Detection

ND = Not detected at or above the DL

**Note: Calculations are performed before rounding to avoid round-off errors in calculated results**

# Volatile Organic Compounds by GC/MS - LCS

Sample ID: UQ22398-002

Matrix: Aqueous

Batch: 22398

Prep Method: SM 6200B-2011

Analytical Method: SM 6200B-2011

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Benzene	50	45		1	90	70-130	07/12/2019 0954
Bromobenzene	50	48		1	97	70-130	07/12/2019 0954
Bromochloromethane	50	47		1	94	70-130	07/12/2019 0954
Bromodichloromethane	50	46		1	93	70-130	07/12/2019 0954
Bromoform	50	53		1	105	70-130	07/12/2019 0954
Bromomethane (Methyl bromide)	50	49		1	98	60-140	07/12/2019 0954
n-Butylbenzene	50	46		1	91	70-130	07/12/2019 0954
sec-Butylbenzene	50	46		1	91	70-130	07/12/2019 0954
tert-Butylbenzene	50	47		1	93	70-130	07/12/2019 0954
Carbon tetrachloride	50	44		1	89	70-130	07/12/2019 0954
Chlorobenzene	50	46		1	93	70-130	07/12/2019 0954
Chloroethane	50	48		1	97	42-163	07/12/2019 0954
Chloroform	50	44		1	88	70-130	07/12/2019 0954
Chloromethane (Methyl chloride)	50	46		1	92	20-158	07/12/2019 0954
2-Chlorotoluene	50	47		1	94	70-130	07/12/2019 0954
4-Chlorotoluene	50	47		1	93	70-130	07/12/2019 0954
Dibromochloromethane	50	50		1	99	70-130	07/12/2019 0954
1,2-Dibromoethane (EDB)	50	48		1	95	70-130	07/12/2019 0954
Dibromomethane (Methylene bromide)	50	46		1	91	70-130	07/12/2019 0954
1,2-Dichlorobenzene	50	49		1	98	70-130	07/12/2019 0954
1,3-Dichlorobenzene	50	47		1	94	70-130	07/12/2019 0954
1,4-Dichlorobenzene	50	46		1	92	70-130	07/12/2019 0954
Dichlorodifluoromethane	50	46		1	92	60-140	07/12/2019 0954
1,1-Dichloroethane	50	46		1	92	70-130	07/12/2019 0954
1,2-Dichloroethane	50	46		1	91	70-130	07/12/2019 0954
1,1-Dichloroethene	50	45		1	91	70-130	07/12/2019 0954
cis-1,2-Dichloroethene	50	45		1	91	70-130	07/12/2019 0954
trans-1,2-Dichloroethene	50	44		1	89	70-130	07/12/2019 0954
1,2-Dichloropropane	50	46		1	91	70-130	07/12/2019 0954
1,3-Dichloropropane	50	47		1	94	70-130	07/12/2019 0954
2,2-Dichloropropane	50	47		1	95	70-130	07/12/2019 0954
1,1-Dichloropropene	50	43		1	86	70-130	07/12/2019 0954
cis-1,3-Dichloropropene	50	49		1	99	70-130	07/12/2019 0954
trans-1,3-Dichloropropene	50	50		1	99	70-130	07/12/2019 0954
Diisopropyl ether (IPE)	50	48		1	95	70-130	07/12/2019 0954
Ethylbenzene	50	47		1	93	70-130	07/12/2019 0954
Hexachlorobutadiene	50	44		1	87	70-130	07/12/2019 0954
Isopropylbenzene (Cumene)	50	46		1	91	70-130	07/12/2019 0954
p-Isopropyltoluene (p-Cymene)	50	47		1	94	70-130	07/12/2019 0954
Methyl tertiary butyl ether (MTBE)	50	58		1	115	70-130	07/12/2019 0954
Methylene chloride	50	47		1	95	70-130	07/12/2019 0954
Naphthalene	50	50		1	100	50-140	07/12/2019 0954
n-Propylbenzene	50	46		1	93	70-130	07/12/2019 0954
Styrene	50	48		1	95	70-130	07/12/2019 0954

LOQ = Limit of Quantitation

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

DL = Detection Limit

J = Estimated result < LOQ and >\_DL

+ = RPD is out of criteria

LOD = Limit of Detection

ND = Not detected at or above the DL

**Note: Calculations are performed before rounding to avoid round-off errors in calculated results**

# Volatile Organic Compounds by GC/MS - LCS

Sample ID: UQ22398-002

Matrix: Aqueous

Batch: 22398

Prep Method: SM 6200B-2011

Analytical Method: SM 6200B-2011

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
1,1,1,2-Tetrachloroethane	50	50		1	99	70-130	07/12/2019 0954
1,1,2,2-Tetrachloroethane	50	48		1	97	70-130	07/12/2019 0954
Tetrachloroethene	50	45		1	91	70-130	07/12/2019 0954
Toluene	50	47		1	93	70-130	07/12/2019 0954
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	44		1	88	70-130	07/12/2019 0954
1,2,3-Trichlorobenzene	50	49		1	97	70-130	07/12/2019 0954
1,2,4-Trichlorobenzene	50	49		1	98	70-130	07/12/2019 0954
1,1,1-Trichloroethane	50	42		1	84	70-130	07/12/2019 0954
1,1,2-Trichloroethane	50	47		1	94	70-130	07/12/2019 0954
Trichloroethene	50	45		1	90	70-130	07/12/2019 0954
Trichlorofluoromethane	50	47		1	95	60-140	07/12/2019 0954
1,2,3-Trichloropropane	50	47		1	95	70-130	07/12/2019 0954
1,3,5-Trimethylbenzene (Mesitylene)	50	47		1	94	70-130	07/12/2019 0954
1,2,4-Trimethylbenzene	50	47		1	93	70-130	07/12/2019 0954
Vinyl chloride	50	49		1	98	60-140	07/12/2019 0954
m+p - Xylenes	50	47		1	93	70-130	07/12/2019 0954
o - Xylenes	50	47		1	94	70-130	07/12/2019 0954
Surrogate	Q	% Rec	Acceptance Limit				
1,2-Dichloroethane-d4		93	70-130				
Bromofluorobenzene		103	70-130				
Toluene-d8		99	70-130				

LOQ = Limit of Quantitation

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

DL = Detection Limit

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+ = RPD is out of criteria

LOD = Limit of Detection

ND = Not detected at or above the DL

**Note: Calculations are performed before rounding to avoid round-off errors in calculated results**

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**QC Data for Lot Number: UG09009**

# Volatile Organic Compounds by GC/MS - MB

Sample ID: UQ22463-001

Matrix: Aqueous

Batch: 22463

Prep Method: SM 6200B-2011

Analytical Method: SM 6200B-2011

Parameter	Result	Q	Dil	LOQ	DL	Units	Analysis Date
Benzene	ND		1	0.50	0.40	ug/L	07/13/2019 1815
Bromobenzene	ND		1	0.50	0.40	ug/L	07/13/2019 1815
Bromochloromethane	ND		1	0.50	0.40	ug/L	07/13/2019 1815
Bromodichloromethane	ND		1	0.50	0.40	ug/L	07/13/2019 1815
Bromoform	ND		1	0.50	0.40	ug/L	07/13/2019 1815
Bromomethane (Methyl bromide)	ND		1	0.50	0.40	ug/L	07/13/2019 1815
n-Butylbenzene	ND		1	0.50	0.40	ug/L	07/13/2019 1815
sec-Butylbenzene	ND		1	0.50	0.40	ug/L	07/13/2019 1815
tert-Butylbenzene	ND		1	0.50	0.40	ug/L	07/13/2019 1815
Carbon tetrachloride	ND		1	0.50	0.40	ug/L	07/13/2019 1815
Chlorobenzene	ND		1	0.50	0.40	ug/L	07/13/2019 1815
Chloroethane	ND		1	0.50	0.40	ug/L	07/13/2019 1815
Chloroform	ND		1	0.50	0.40	ug/L	07/13/2019 1815
Chloromethane (Methyl chloride)	ND		1	0.50	0.40	ug/L	07/13/2019 1815
2-Chlorotoluene	ND		1	0.50	0.40	ug/L	07/13/2019 1815
4-Chlorotoluene	ND		1	0.50	0.40	ug/L	07/13/2019 1815
Dibromochloromethane	ND		1	0.50	0.40	ug/L	07/13/2019 1815
1,2-Dibromoethane (EDB)	ND		1	0.50	0.40	ug/L	07/13/2019 1815
Dibromomethane (Methylene bromide)	ND		1	0.50	0.40	ug/L	07/13/2019 1815
1,2-Dichlorobenzene	ND		1	0.50	0.40	ug/L	07/13/2019 1815
1,3-Dichlorobenzene	ND		1	0.50	0.40	ug/L	07/13/2019 1815
1,4-Dichlorobenzene	ND		1	0.50	0.40	ug/L	07/13/2019 1815
Dichlorodifluoromethane	ND		1	0.50	0.40	ug/L	07/13/2019 1815
1,1-Dichloroethane	ND		1	0.50	0.40	ug/L	07/13/2019 1815
1,2-Dichloroethane	ND		1	0.50	0.40	ug/L	07/13/2019 1815
1,1-Dichloroethene	ND		1	0.50	0.40	ug/L	07/13/2019 1815
cis-1,2-Dichloroethene	ND		1	0.50	0.40	ug/L	07/13/2019 1815
trans-1,2-Dichloroethene	ND		1	0.50	0.40	ug/L	07/13/2019 1815
1,2-Dichloropropane	ND		1	0.50	0.40	ug/L	07/13/2019 1815
1,3-Dichloropropane	ND		1	0.50	0.40	ug/L	07/13/2019 1815
2,2-Dichloropropane	ND		1	0.50	0.40	ug/L	07/13/2019 1815
1,1-Dichloropropene	ND		1	0.50	0.40	ug/L	07/13/2019 1815
cis-1,3-Dichloropropene	ND		1	0.50	0.40	ug/L	07/13/2019 1815
trans-1,3-Dichloropropene	ND		1	0.50	0.40	ug/L	07/13/2019 1815
Diisopropyl ether (IPE)	ND		1	0.50	0.40	ug/L	07/13/2019 1815
Ethylbenzene	ND		1	0.50	0.40	ug/L	07/13/2019 1815
Hexachlorobutadiene	ND		1	0.50	0.40	ug/L	07/13/2019 1815
Isopropylbenzene (Cumene)	ND		1	0.50	0.40	ug/L	07/13/2019 1815
p-Isopropyltoluene (p-Cymene)	ND		1	0.50	0.40	ug/L	07/13/2019 1815
Methyl tertiary butyl ether (MTBE)	ND		1	0.50	0.40	ug/L	07/13/2019 1815
Methylene chloride	ND		1	0.50	0.40	ug/L	07/13/2019 1815
Naphthalene	ND		1	0.50	0.40	ug/L	07/13/2019 1815
n-Propylbenzene	ND		1	0.50	0.40	ug/L	07/13/2019 1815
Styrene	ND		1	0.50	0.40	ug/L	07/13/2019 1815

LOQ = Limit of Quantitation

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

DL = Detection Limit

J = Estimated result < LOQ and >\_DL

+ = RPD is out of criteria

LOD = Limit of Detection

ND = Not detected at or above the DL

**Note: Calculations are performed before rounding to avoid round-off errors in calculated results**

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**QC Data for Lot Number: UG09009**



# Volatile Organic Compounds by GC/MS - MB

Sample ID: UQ22463-001

Matrix: Aqueous

Batch: 22463

Prep Method: SM 6200B-2011

Analytical Method: SM 6200B-2011

Parameter	Result	Q	Dil	LOQ	DL	Units	Analysis Date
1,1,1,2-Tetrachloroethane	ND		1	0.50	0.40	ug/L	07/13/2019 1815
1,1,2,2-Tetrachloroethane	ND		1	0.50	0.40	ug/L	07/13/2019 1815
Tetrachloroethene	ND		1	0.50	0.40	ug/L	07/13/2019 1815
Toluene	ND		1	0.50	0.40	ug/L	07/13/2019 1815
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		1	0.50	0.40	ug/L	07/13/2019 1815
1,2,3-Trichlorobenzene	ND		1	0.50	0.40	ug/L	07/13/2019 1815
1,2,4-Trichlorobenzene	ND		1	0.50	0.40	ug/L	07/13/2019 1815
1,1,1-Trichloroethane	ND		1	0.50	0.40	ug/L	07/13/2019 1815
1,1,2-Trichloroethane	ND		1	0.50	0.40	ug/L	07/13/2019 1815
Trichloroethene	ND		1	0.50	0.40	ug/L	07/13/2019 1815
Trichlorofluoromethane	ND		1	0.50	0.40	ug/L	07/13/2019 1815
1,2,3-Trichloropropane	ND		1	0.50	0.40	ug/L	07/13/2019 1815
1,3,5-Trimethylbenzene (Mesitylene)	ND		1	0.50	0.40	ug/L	07/13/2019 1815
1,2,4-Trimethylbenzene	ND		1	0.50	0.40	ug/L	07/13/2019 1815
Vinyl chloride	ND		1	0.50	0.40	ug/L	07/13/2019 1815
m+p - Xylenes	ND		1	0.50	0.40	ug/L	07/13/2019 1815
o - Xylenes	ND		1	0.50	0.40	ug/L	07/13/2019 1815
Surrogate	Q	% Rec	Acceptance Limit				
1,2-Dichloroethane-d4		94	70-130				
Bromofluorobenzene		95	70-130				
Toluene-d8		98	70-130				

LOQ = Limit of Quantitation

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

DL = Detection Limit

J = Estimated result < LOQ and >\_DL

+ = RPD is out of criteria

LOD = Limit of Detection

ND = Not detected at or above the DL

**Note: Calculations are performed before rounding to avoid round-off errors in calculated results**

# Volatile Organic Compounds by GC/MS - LCS

Sample ID: UQ22463-002

Matrix: Aqueous

Batch: 22463

Prep Method: SM 6200B-2011

Analytical Method: SM 6200B-2011

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
Benzene	50	48		1	95	70-130	07/13/2019 1542
Bromobenzene	50	50		1	99	70-130	07/13/2019 1542
Bromochloromethane	50	46		1	93	70-130	07/13/2019 1542
Bromodichloromethane	50	48		1	97	70-130	07/13/2019 1542
Bromoform	50	52		1	103	70-130	07/13/2019 1542
Bromomethane (Methyl bromide)	50	45		1	89	60-140	07/13/2019 1542
n-Butylbenzene	50	48		1	96	70-130	07/13/2019 1542
sec-Butylbenzene	50	48		1	97	70-130	07/13/2019 1542
tert-Butylbenzene	50	49		1	99	70-130	07/13/2019 1542
Carbon tetrachloride	50	46		1	93	70-130	07/13/2019 1542
Chlorobenzene	50	48		1	97	70-130	07/13/2019 1542
Chloroethane	50	45		1	90	42-163	07/13/2019 1542
Chloroform	50	45		1	91	70-130	07/13/2019 1542
Chloromethane (Methyl chloride)	50	41		1	81	20-158	07/13/2019 1542
2-Chlorotoluene	50	49		1	98	70-130	07/13/2019 1542
4-Chlorotoluene	50	51		1	101	70-130	07/13/2019 1542
Dibromochloromethane	50	49		1	98	70-130	07/13/2019 1542
1,2-Dibromoethane (EDB)	50	48		1	97	70-130	07/13/2019 1542
Dibromomethane (Methylene bromide)	50	47		1	94	70-130	07/13/2019 1542
1,2-Dichlorobenzene	50	51		1	101	70-130	07/13/2019 1542
1,3-Dichlorobenzene	50	50		1	100	70-130	07/13/2019 1542
1,4-Dichlorobenzene	50	48		1	96	70-130	07/13/2019 1542
Dichlorodifluoromethane	50	41		1	82	60-140	07/13/2019 1542
1,1-Dichloroethane	50	48		1	95	70-130	07/13/2019 1542
1,2-Dichloroethane	50	46		1	93	70-130	07/13/2019 1542
1,1-Dichloroethene	50	49		1	97	70-130	07/13/2019 1542
cis-1,2-Dichloroethene	50	46		1	93	70-130	07/13/2019 1542
trans-1,2-Dichloroethene	50	47		1	93	70-130	07/13/2019 1542
1,2-Dichloropropane	50	48		1	95	70-130	07/13/2019 1542
1,3-Dichloropropane	50	47		1	95	70-130	07/13/2019 1542
2,2-Dichloropropane	50	51		1	101	70-130	07/13/2019 1542
1,1-Dichloropropene	50	46		1	92	70-130	07/13/2019 1542
cis-1,3-Dichloropropene	50	52		1	104	70-130	07/13/2019 1542
trans-1,3-Dichloropropene	50	49		1	98	70-130	07/13/2019 1542
Diisopropyl ether (IPE)	50	49		1	98	70-130	07/13/2019 1542
Ethylbenzene	50	48		1	96	70-130	07/13/2019 1542
Hexachlorobutadiene	50	47		1	95	70-130	07/13/2019 1542
Isopropylbenzene (Cumene)	50	47		1	95	70-130	07/13/2019 1542
p-Isopropyltoluene (p-Cymene)	50	49		1	99	70-130	07/13/2019 1542
Methyl tertiary butyl ether (MTBE)	50	56		1	112	70-130	07/13/2019 1542
Methylene chloride	50	49		1	97	70-130	07/13/2019 1542
Naphthalene	50	51		1	102	50-140	07/13/2019 1542
n-Propylbenzene	50	50		1	100	70-130	07/13/2019 1542
Styrene	50	48		1	97	70-130	07/13/2019 1542

LOQ = Limit of Quantitation

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

DL = Detection Limit

J = Estimated result < LOQ and >\_DL

+ = RPD is out of criteria

LOD = Limit of Detection

ND = Not detected at or above the DL

**Note: Calculations are performed before rounding to avoid round-off errors in calculated results**

# Volatile Organic Compounds by GC/MS - LCS

Sample ID: UQ22463-002

Matrix: Aqueous

Batch: 22463

Prep Method: SM 6200B-2011

Analytical Method: SM 6200B-2011

Parameter	Spike Amount (ug/L)	Result (ug/L)	Q	Dil	% Rec	% Rec Limit	Analysis Date
1,1,1,2-Tetrachloroethane	50	50		1	100	70-130	07/13/2019 1542
1,1,2,2-Tetrachloroethane	50	50		1	100	70-130	07/13/2019 1542
Tetrachloroethene	50	47		1	94	70-130	07/13/2019 1542
Toluene	50	48		1	95	70-130	07/13/2019 1542
1,1,2-Trichloro-1,2,2-Trifluoroethane	50	48		1	95	70-130	07/13/2019 1542
1,2,3-Trichlorobenzene	50	50		1	100	70-130	07/13/2019 1542
1,2,4-Trichlorobenzene	50	51		1	102	70-130	07/13/2019 1542
1,1,1-Trichloroethane	50	45		1	90	70-130	07/13/2019 1542
1,1,2-Trichloroethane	50	48		1	95	70-130	07/13/2019 1542
Trichloroethene	50	49		1	98	70-130	07/13/2019 1542
Trichlorofluoromethane	50	43		1	86	60-140	07/13/2019 1542
1,2,3-Trichloropropane	50	49		1	98	70-130	07/13/2019 1542
1,3,5-Trimethylbenzene (Mesitylene)	50	50		1	99	70-130	07/13/2019 1542
1,2,4-Trimethylbenzene	50	50		1	99	70-130	07/13/2019 1542
Vinyl chloride	50	43		1	86	60-140	07/13/2019 1542
m+p - Xylenes	50	48		1	96	70-130	07/13/2019 1542
o - Xylenes	50	48		1	97	70-130	07/13/2019 1542
Surrogate	Q	% Rec	Acceptance Limit				
1,2-Dichloroethane-d4		92	70-130				
Bromofluorobenzene		101	70-130				
Toluene-d8		95	70-130				

LOQ = Limit of Quantitation

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

DL = Detection Limit

J = Estimated result < LOQ and >\_DL

+ = RPD is out of criteria

LOD = Limit of Detection

ND = Not detected at or above the DL

**Note: Calculations are performed before rounding to avoid round-off errors in calculated results**

Shealy Environmental Services, Inc.

106 Vantage Point Drive West Columbia, SC 29172 (803) 791-9700 Fax (803) 791-9111 www.shealylab.com

QC Data for Lot Number: UG09009

# **Chain of Custody and Miscellaneous Documents**



## Chain of Custody Record

## SHEALY ENVIRONMENTAL SERVICES, INC.

106 Vantage Point Drive • West Columbia, SC 29172  
Telephone No. 803-791-9700 Fax No. 803-791-9111  
www.shealylab.com

Number 86427

Client <u>Tecogen Consultants Inc</u>		Report to Contact <u>Will Frazier</u>		Telephone No. / Email <u>336-409-0772 / wofrazier@terragen.com</u>		Client No.	
Address <u>2401 Bantwood Rd. #107</u>		Sampler's Signature <u>[Signature]</u>		Analyst's (Attach list if more space is needed)		Page <u>1</u> of <u>1</u>	
City <u>Raleigh</u>		Printed Name <u>Will Frazier</u>		Barcode 		UG090009	
State / Zip Code <u>NC 27604</u>		Project Name <u>Corner Store</u>		Remnants / Cooler I.D.			
Project No. <u>70149611A</u>		F.O. No.		CSD			
Sample ID / Description (Containers for each sample may be combined on one line.)		Date		Time			
CSW-51		7/8/19		10:55		X	
CSW-46				10:55		X	
PSW-3				11:05		X	
MW-51				11:53		X	
MW-161				12:04		X	
MW-141				13:33		X	
MW-7				13:48		X	
FB-01				14:25		X	
MW-3				14:35		X	
Turn Around Time Required (Prior lab approval required for expedited TAT.)		Sample Disposal		Possible Hazard Identification		QC Requirements (Specify)	
Standard <input type="checkbox"/> Rush <input type="checkbox"/> (Specify)		<input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab		1. Received by		Date	
1. Relinquished by <u>[Signature]</u>		Date <u>7/9/19</u> Time <u>17:30</u>		2. Received by		Date	
2. Relinquished by		Date		3. Received by		Date	
3. Relinquished by		Date		4. Relinquished by <u>Erin Brown</u>		Date <u>7/9/19</u> Time <u>09:25</u>	
4. Relinquished by		Date		4. Laboratory received by		Date	
Note: All samples are retained for four weeks from receipt unless other arrangements are made.		LAS USE ONLY		Received on ice (Circle) <u>Yes</u> No		Recept. Temp. <u>40</u> °C	

DISTRIBUTION: WHITE &amp; YELLOW-Return to laboratory with Sample(s); PINK-Field/Client Copy

Document Number: FAD-133 Effective Date: 08-01-2014

# SHEALY ENVIRONMENTAL SERVICES, INC.

Shealy Environmental Services, Inc.  
Document Number: ME0018C-14

Page 1 of 1  
Effective Date: 8/2/2018

## Sample Receipt Checklist (SRC)

Client: Terracon

Cooler Inspected by/date: ETB / 7/9/19

Lot #: UG09009

Means of receipt: <input type="checkbox"/> SEST <input type="checkbox"/> Client <input type="checkbox"/> UPS <input checked="" type="checkbox"/> FedEx <input type="checkbox"/> Other: _____	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1. Were custody seals present on the cooler?
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	2. If custody seals were present, were they intact and unbroken?
pH Strip ID: <u>NA</u> Chlorine Strip ID: <u>NA</u> Tested by: <u>NA</u>	
Original temperature upon receipt / Derived (Corrected) temperature upon receipt %Solid Snap-Cup ID: <u>NA</u>	
4.0 / 4.0 °C <u>NA</u> / <u>NA</u> °C <u>NA</u> / <u>NA</u> °C <u>NA</u> / <u>NA</u> °C	
Method: <input checked="" type="checkbox"/> Temperature Blank <input type="checkbox"/> Against Bottles IR Gun ID: <u>6</u> IR Gun Correction Factor: <u>0</u> °C	
Method of coolant: <input checked="" type="checkbox"/> Wet Ice <input type="checkbox"/> Ice Packs <input type="checkbox"/> Dry Ice <input type="checkbox"/> None	
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	3. If temperature of any cooler exceeded 6.0°C, was Project Manager Notified? PM was Notified by: phone / email / face-to-face (circle one).
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	4. Is the commercial courier's packing slip attached to this form?
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5. Were proper custody procedures (relinquished/received) followed?
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	6. Were sample IDs listed on the COC?
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	7. Were sample IDs listed on all sample containers?
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8. Was collection date & time listed on the COC?
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9. Was collection date & time listed on all sample containers?
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10. Did all container label information (ID, date, time) agree with the COC?
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	11. Were tests to be performed listed on the COC?
<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	12. Did all samples arrive in the proper containers for each test and/or in good condition (unbroken, lids on, etc.)? <u>Lid broken for CSW-51</u>
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	13. Was adequate sample volume available?
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	14. Were all samples received within 1/2 the holding time or 48 hours, whichever comes first?
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	15. Were any samples containers missing/excess (circle one) samples Not listed on COC?
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA	16. For VOA and RSK-175 samples, were bubbles present >"pea-size" (1/4" or 6mm in diameter) in any of the VOA vials?
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	17. Were all DRO/metals/nutrient samples received at a pH of < 2?
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	18. Were all cyanide samples received at a pH > 12 and sulfide samples received at a pH > 9?
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	19. Were all applicable NH <sub>3</sub> /TKN/cyanide/phcnol/625 (< 0.5mg/L) samples free of residual chlorine?
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	20. Were client remarks/requests (i.e. requested dilutions, MS/MSD designations, etc...) correctly transcribed from the COC into the comment section in LIMS?
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	21. Was the quote number listed on the container label? If yes, Quote # <u>NA</u>
<b>Sample Preservation</b> (Must be completed for any sample(s) incorrectly preserved or with headspace.)	
Sample(s) <u>NA</u> were received incorrectly preserved and were adjusted accordingly in sample receiving with <u>NA</u> mL of circle one: H <sub>2</sub> SO <sub>4</sub> , HNO <sub>3</sub> , HCl, NaOH using SR # <u>NA</u> .	
Time of preservation <u>NA</u> . If more than one preservative is needed, please note in the comments below.	
Sample(s) <u>NA</u> were received with bubbles >6 mm in diameter.	
Sample(s) <u>NA</u> were received with TRC > 0.5 mg/L (If #19 is <b>no</b> ) and were adjusted accordingly in sample receiving with sodium thiosulfate (Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> ) with Shealy ID: <u>NA</u> .	
SR barcode labels applied by: <u>ETB</u> Date: <u>7/9/19</u>	

Comments:

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## Terracon - Raleigh, NC

Sample Delivery Group: L1114992  
Samples Received: 07/02/2019  
Project Number: 70149611A  
Description: Corner Store

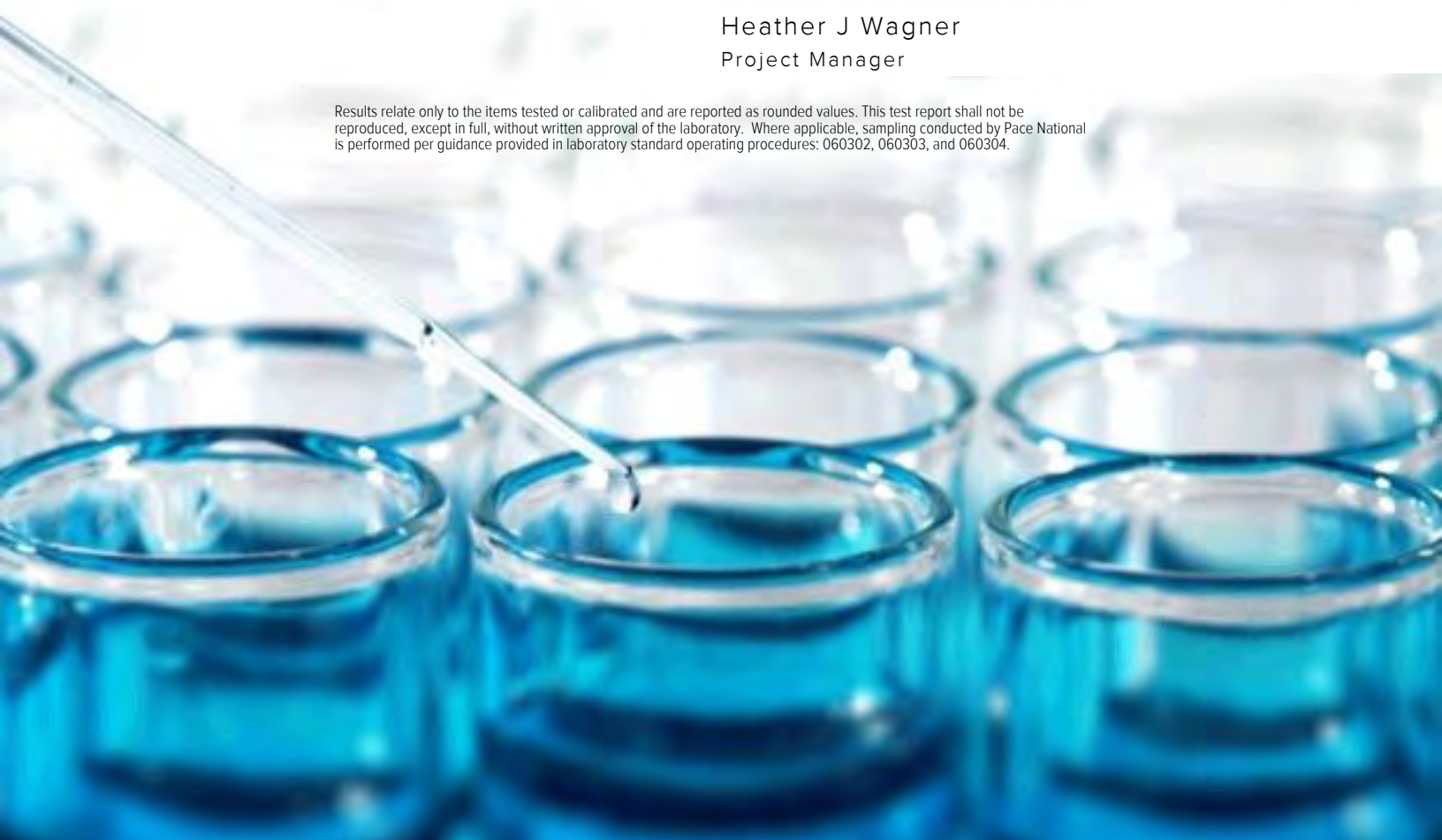
Report To: Will Frazier  
2401 Brentwood Rd  
Ste 107  
Raleigh, NC 27604

Entire Report Reviewed By:



Heather J Wagner  
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace National is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.







Cp: Cover Page	1	<sup>1</sup> Cp
Tc: Table of Contents	2	
Ss: Sample Summary	3	<sup>2</sup> Tc
Cn: Case Narrative	4	
Sr: Sample Results	5	<sup>3</sup> Ss
SV-01 L1114992-01	5	
SV-02 L1114992-02	6	<sup>4</sup> Cn
SV-03 L1114992-03	7	<sup>5</sup> Sr
Qc: Quality Control Summary	8	
Volatile Organic Compounds (MS) by Method TO-15	8	<sup>6</sup> Qc
Gl: Glossary of Terms	9	
Al: Accreditations & Locations	10	<sup>7</sup> Gl
Sc: Sample Chain of Custody	11	<sup>8</sup> Al
		<sup>9</sup> Sc



## SV-01 L1114992-01 Air

				Collected by Will Frazier	Collected date/time 07/01/19 14:28	Received date/time 07/02/19 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1307245	2	07/06/19 20:18	07/06/19 20:18	MBF	Mt. Juliet, TN

<sup>1</sup>Cp<sup>2</sup>Tc<sup>3</sup>Ss

## SV-02 L1114992-02 Air

				Collected by Will Frazier	Collected date/time 07/01/19 14:59	Received date/time 07/02/19 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1307245	2	07/06/19 20:55	07/06/19 20:55	MBF	Mt. Juliet, TN

<sup>4</sup>Cn<sup>5</sup>Sr<sup>6</sup>Qc

## SV-03 L1114992-03 Air

				Collected by Will Frazier	Collected date/time 07/01/19 15:52	Received date/time 07/02/19 08:45
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1307245	2	07/06/19 21:31	07/06/19 21:31	MBF	Mt. Juliet, TN

<sup>7</sup>Gl<sup>8</sup>Al<sup>9</sup>Sc



All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Heather J Wagner  
Project Manager

<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Sr

<sup>6</sup> Qc

<sup>7</sup> Gl

<sup>8</sup> Al

<sup>9</sup> Sc



## Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Benzene	71-43-2	78.10	0.400	1.28	ND	ND		2	<a href="#">WG1307245</a>
n-Butylbenzene	104-51-8	135	0.400	2.21	ND	ND		2	<a href="#">WG1307245</a>
1,2-Dibromoethane	106-93-4	188	0.400	3.08	ND	ND		2	<a href="#">WG1307245</a>
Ethylbenzene	100-41-4	106	0.400	1.73	ND	ND		2	<a href="#">WG1307245</a>
Isopropylbenzene	98-82-8	120.20	0.400	1.97	ND	ND		2	<a href="#">WG1307245</a>
MTBE	1634-04-4	88.10	0.400	1.44	ND	ND		2	<a href="#">WG1307245</a>
Naphthalene	91-20-3	128	1.26	6.60	ND	ND		2	<a href="#">WG1307245</a>
n-Propylbenzene	103-65-1	120	0.400	1.96	ND	ND		2	<a href="#">WG1307245</a>
Styrene	100-42-5	104	0.400	1.70	40.8	174		2	<a href="#">WG1307245</a>
Toluene	108-88-3	92.10	0.400	1.51	1.20	4.53		2	<a href="#">WG1307245</a>
Trichloroethylene	79-01-6	131	0.400	2.14	ND	ND		2	<a href="#">WG1307245</a>
1,2,4-Trimethylbenzene	95-63-6	120	0.400	1.96	0.406	1.99		2	<a href="#">WG1307245</a>
1,3,5-Trimethylbenzene	108-67-8	120	0.400	1.96	ND	ND		2	<a href="#">WG1307245</a>
m&p-Xylene	1330-20-7	106	0.800	3.47	ND	ND		2	<a href="#">WG1307245</a>
o-Xylene	95-47-6	106	0.400	1.73	ND	ND		2	<a href="#">WG1307245</a>
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		119				<a href="#">WG1307245</a>

<sup>1</sup> Cp<sup>2</sup> Tc<sup>3</sup> Ss<sup>4</sup> Cn<sup>5</sup> Sr<sup>6</sup> Qc<sup>7</sup> Gl<sup>8</sup> Al<sup>9</sup> Sc



## Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Benzene	71-43-2	78.10	0.400	1.28	ND	ND		2	<a href="#">WG1307245</a>
n-Butylbenzene	104-51-8	135	0.400	2.21	ND	ND		2	<a href="#">WG1307245</a>
1,2-Dibromoethane	106-93-4	188	0.400	3.08	ND	ND		2	<a href="#">WG1307245</a>
Ethylbenzene	100-41-4	106	0.400	1.73	ND	ND		2	<a href="#">WG1307245</a>
Isopropylbenzene	98-82-8	120.20	0.400	1.97	ND	ND		2	<a href="#">WG1307245</a>
MTBE	1634-04-4	88.10	0.400	1.44	ND	ND		2	<a href="#">WG1307245</a>
Naphthalene	91-20-3	128	1.26	6.60	ND	ND		2	<a href="#">WG1307245</a>
n-Propylbenzene	103-65-1	120	0.400	1.96	ND	ND		2	<a href="#">WG1307245</a>
Styrene	100-42-5	104	0.400	1.70	12.2	52.0		2	<a href="#">WG1307245</a>
Toluene	108-88-3	92.10	0.400	1.51	1.25	4.71		2	<a href="#">WG1307245</a>
Trichloroethylene	79-01-6	131	0.400	2.14	ND	ND		2	<a href="#">WG1307245</a>
1,2,4-Trimethylbenzene	95-63-6	120	0.400	1.96	34.2	168		2	<a href="#">WG1307245</a>
1,3,5-Trimethylbenzene	108-67-8	120	0.400	1.96	ND	ND		2	<a href="#">WG1307245</a>
m&p-Xylene	1330-20-7	106	0.800	3.47	ND	ND		2	<a href="#">WG1307245</a>
o-Xylene	95-47-6	106	0.400	1.73	ND	ND		2	<a href="#">WG1307245</a>
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		101				<a href="#">WG1307245</a>

<sup>1</sup> Cp<sup>2</sup> Tc<sup>3</sup> Ss<sup>4</sup> Cn<sup>5</sup> Sr<sup>6</sup> Qc<sup>7</sup> Gl<sup>8</sup> Al<sup>9</sup> Sc



## Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Benzene	71-43-2	78.10	0.400	1.28	ND	ND		2	<a href="#">WG1307245</a>
n-Butylbenzene	104-51-8	135	0.400	2.21	ND	ND		2	<a href="#">WG1307245</a>
1,2-Dibromoethane	106-93-4	188	0.400	3.08	ND	ND		2	<a href="#">WG1307245</a>
Ethylbenzene	100-41-4	106	0.400	1.73	ND	ND		2	<a href="#">WG1307245</a>
Isopropylbenzene	98-82-8	120.20	0.400	1.97	ND	ND		2	<a href="#">WG1307245</a>
MTBE	1634-04-4	88.10	0.400	1.44	ND	ND		2	<a href="#">WG1307245</a>
Naphthalene	91-20-3	128	1.26	6.60	ND	ND		2	<a href="#">WG1307245</a>
n-Propylbenzene	103-65-1	120	0.400	1.96	ND	ND		2	<a href="#">WG1307245</a>
Styrene	100-42-5	104	0.400	1.70	22.3	94.8		2	<a href="#">WG1307245</a>
Toluene	108-88-3	92.10	0.400	1.51	2.78	10.5		2	<a href="#">WG1307245</a>
Trichloroethylene	79-01-6	131	0.400	2.14	ND	ND		2	<a href="#">WG1307245</a>
1,2,4-Trimethylbenzene	95-63-6	120	0.400	1.96	ND	ND		2	<a href="#">WG1307245</a>
1,3,5-Trimethylbenzene	108-67-8	120	0.400	1.96	ND	ND		2	<a href="#">WG1307245</a>
m&p-Xylene	1330-20-7	106	0.800	3.47	1.29	5.60		2	<a href="#">WG1307245</a>
o-Xylene	95-47-6	106	0.400	1.73	0.466	2.02		2	<a href="#">WG1307245</a>
(S) 1,4-Bromofluorobenzene	460-00-4	175	60.0-140		100				<a href="#">WG1307245</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Method Blank (MB)

(MB) R3428142-3 07/06/19 10:46

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Benzene	U		0.0460	0.200
1,2-Dibromoethane	U		0.0185	0.200
Ethylbenzene	U		0.0506	0.200
Isopropylbenzene	U		0.0563	0.200
MTBE	U		0.0505	0.200
Naphthalene	U		0.154	0.630
Styrene	U		0.0465	0.200
Toluene	U		0.0499	0.200
Trichloroethylene	U		0.0545	0.200
1,2,4-Trimethylbenzene	U		0.0483	0.200
1,3,5-Trimethylbenzene	U		0.0631	0.200
m&p-Xylene	U		0.0946	0.400
o-Xylene	U		0.0633	0.200
n-Butylbenzene	U		0.0531	0.200
n-Propylbenzene	U		0.0789	0.200
(S) 1,4-Bromofluorobenzene	96.5			60.0-140

<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Sr

<sup>6</sup> Qc

<sup>7</sup> Gl

<sup>8</sup> Al

<sup>9</sup> Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3428142-1 07/06/19 09:29 • (LCSD) R3428142-2 07/06/19 10:07

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
MTBE	3.75	3.78	3.83	101	102	70.0-130			1.49	25
Benzene	3.75	4.03	4.07	107	108	70.0-130			0.977	25
Trichloroethylene	3.75	3.88	3.93	104	105	70.0-130			1.21	25
Toluene	3.75	4.10	4.09	109	109	70.0-130			0.140	25
1,2-Dibromoethane	3.75	4.05	4.00	108	107	70.0-130			1.25	25
Ethylbenzene	3.75	4.02	4.08	107	109	70.0-130			1.60	25
m&p-Xylene	7.50	8.24	8.28	110	110	70.0-130			0.514	25
o-Xylene	3.75	3.99	4.02	106	107	70.0-130			0.791	25
Styrene	3.75	4.08	4.07	109	108	70.0-130			0.256	25
1,3,5-Trimethylbenzene	3.75	3.98	4.05	106	108	70.0-130			1.79	25
1,2,4-Trimethylbenzene	3.75	3.94	4.03	105	107	70.0-130			2.28	25
Naphthalene	3.75	4.08	4.19	109	112	70.0-159			2.74	25
Isopropylbenzene	3.75	3.95	4.06	105	108	70.0-130			2.81	25
n-Butylbenzene	3.75	3.96	4.11	106	110	70.0-130			3.86	25
n-Propylbenzene	3.75	3.97	4.04	106	108	70.0-130			1.69	25
(S) 1,4-Bromofluorobenzene				99.5	100	60.0-140				





## Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

### Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

### Qualifier Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Sr

<sup>6</sup> Qc

<sup>7</sup> Gl

<sup>8</sup> Al

<sup>9</sup> Sc



Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.

\* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

\* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

## State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey-NELAP	TN002
California	2932	New Mexico <sup>1</sup>	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina <sup>1</sup>	DW21704
Georgia	NELAP	North Carolina <sup>3</sup>	41
Georgia <sup>1</sup>	923	North Dakota	R-140
Idaho	TN00003	Ohio-VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky <sup>1 6</sup>	90010	South Carolina	84004
Kentucky <sup>2</sup>	16	South Dakota	n/a
Louisiana	AI30792	Tennessee <sup>1 4</sup>	2006
Louisiana <sup>1</sup>	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas <sup>5</sup>	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

## Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP, LLC EMLAP	100789
A2LA – ISO 17025 <sup>5</sup>	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA-Crypto	TN00003		

<sup>1</sup> Drinking Water <sup>2</sup> Underground Storage Tanks <sup>3</sup> Aquatic Toxicity <sup>4</sup> Chemical/Microbiological <sup>5</sup> Mold <sup>6</sup> Wastewater n/a Accreditation not applicable

## Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



# Terracon - Raleigh, NC

2401 Brentwood Rd  
Ste 107  
Raleigh, NC 27604

Report to:  
Will Frazier

## Billing Information:

Accounts Payable  
2401 Brentwood Rd  
Ste 107  
Raleigh, NC 27604

Email To: will.frazier@terracon.com

Pres  
Chk

## Analysis / Container / Preservative

Chain of Custody Page 1 of 1



Lab # 61114992  
M199  
Client: TERRRNC  
Template: T152317  
Prelogin: P716701  
TSR: 873 - Heather J Wagner  
PB BF 6/26/19  
Shipped Via: FedEX Ground

Project  
Description: Corner Store

City/State: Martinez, NC  
Collected:

Phone: 919-873-2211  
Fax: 919-873-9555

Client Project #  
70149611A

Lab Project #  
TERRRNC-CORNER STORE

Collected by (print):  
WILL FRAZIER

Site/Facility ID #

P.O. #

Collected by (signature):  
W. Frazier

Rush? (Lab MUST Be Notified)

Quote #

Immediately  
Packed on Ice YES

Same Day Five Day  
Next Day 5 Day (Rad Only)  
Two Day 10 Day (Rad Only)  
Three Day Standard TAT

Date Results Needed

No.  
of  
Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
SV-01	G	Air	5	7/1/19	14 <sup>28</sup>	1 X
SV-02	G	Air	5	7/1/19	14 <sup>59</sup>	1 X
SV-03	G	Air	5	7/1/19	15 <sup>52</sup>	1 X
		Air				1 X

\* Matrix:  
SS - Soil AIR - Air F - Filter  
GW - Groundwater B - Bioassay  
WW - WasteWater  
DW - Drinking Water  
OT - Other

Remarks: Lab to record pressure on CDC upon receipt. Analysis for short list of TO-15: benzene, n-butylbenzene, EDB, ethylbenzene, isopropylbenzene, o-isopropyltoluene, naphthalene, MTBS, n-propylbenzene, styrene, toluene, TCE, 1,2,4-TMBZ, 1,2,5-TMBZ, Xylenes  
Samples returned via: UPS FedEx Courier  
Tracking # 4794 8844 5000

Sample Receipt Checklist  
CDC Seal Present/Intact: Y N  
CDC Signed/Accounted: Y N  
Bottles arrive intact: Y N  
Correct Bottles used: Y N  
Sufficient volume sent: Y N  
If Applicable  
VOA Bag Headspace: Y N  
Preservation Correct/Checked: Y N

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Trip Blank Received: Yes/No NO  
HCL/MeOH  
TBK

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Temp: 4mb 3 °C  
Bottles Received:

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date: 7/2/19 0845 Time:

Hold:

Condition:  
NCF / OK

North Carolina  
Department of Environment and Natural Resources

DIVISION OF WASTE MANAGEMENT

Beverly Eaves Perdue, Governor  
Dee Freeman, Secretary  
Dexter R. Matthews, Director



July 23, 2010

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**  
**7008 1300 0000 1111 2421**

Mr. Wilson Chavis  
521 Whistling Rufus Road  
Pembroke, North Carolina 28372

Re: **Notice of No Further Action with a Notice of Residual Petroleum**  
**15A NCAC 2L.0407(d)**  
**RISK-BASED ASSESSMENT AND CORRECTIVE ACTION**  
**FOR PETROLEUM UNDERGROUND STORAGE TANKS**  
Former McGirt Store  
Intersection of Highway 71 and Triska Road  
Maxton, Robeson County, North Carolina  
Trust Fund Incident #~~14532~~ **12061**

To Whom It May Concern:

This incident was reported by the State Trust Fund in April 1994 when a release was discovered during tank closure activities. The tank owner was determined to be Ms. Emma McGirt, who is deceased. The site was accepted into the State Trust Fund on March 1, 1994. Soil and groundwater were determined to be impacted above the North Carolina action levels. A chemical oxidizer was injected at the site in 1996, but significant decreases in constituent of concern (COC) concentrations were not observed. A remediation system operated at the site from September 1998 through May 1999, and was shut down when COC concentrations were reduced below North Carolina Groundwater Quality Standards 2L (NCGQS2L). Groundwater sampling later reported rebound concentrations above the NCGQS2L, but the contamination was localized; the most recent sampling event reported detections of petroleum-related contaminants above the NCGQS2L, but below the North Carolina Gross Contaminant Level concentrations in one monitoring well. In May 2010, an additional 317 tons of contaminated soil was removed from the site, and soil samples were collected from the sidewalls of the excavation. Analysis of the soil samples reported detections of COC concentration above the soil-to-groundwater Maximum Soil Contaminant Concentrations (MSCCs), but below the residential MSCCs in one sample.

Because soil and groundwater do not meet "Unrestricted Use" standards, a **Notice of Residual Petroleum, dated June 28, 2010, was placed on the property deed (Book 1772, Pages 597-598)** with the following land use restrictions:

*Groundwater: Groundwater from the site is prohibited from use as a water supply. Water supply wells of any kind shall not be installed or operated on the site.*

*Soil: The Site shall be used for industrial/commercial use only. Industrial/commercial use means a use where exposure to soil contamination is limited in time and does not involve exposure to children or other sensitive populations such as the elderly or sick. The real property shall not be developed or utilized for residential purposes including but not limited to: primary or secondary residences (permanent or temporary), schools, daycare centers, nursing homes, playgrounds, parks, recreation areas and/or picnic areas.*

These restrictions shall continue in effect as long as residual petroleum remains on the site in excess of unrestricted use standards.

Based on the information provided to date, the UST section finds it appropriate to classify the risk of the discharge or release as Low. Furthermore, the UST section has determined that no further action is warranted for this incident. This determination shall apply unless the UST section ascertains that the discharge or release poses an unacceptable risk or a potentially unacceptable risk to human health or the environment.

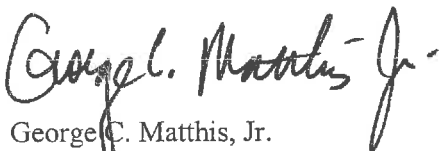
This No Further Action determination will become valid when the Trust Fund Branch completes the Public Notice requirements outlined below. Public notice in accordance with 15A NCAC 2L.0409 (b) is required within 30 days of receipt of this No Further Action letter. The Trust Fund Branch will provide a copy of this letter to the following persons: Local Health Director, the chief administrative officer of each political jurisdiction in which the contamination occurs (e.g., Mayor, County Manager, City Manager); all property owners and occupants within or contiguous to the area containing the contamination; and all property owners and occupants within or contiguous to the area where the contamination is expected to migrate. A copy of the Notice of Residual Petroleum and the recent report is included as an attachment.

Interested parties may examine the assessment reports by contacting Ms. Candy Elliott at (919) 715-2014, or writing to:

Ms. Candy Elliott  
NCDENR UST Section  
1637 Mail Service Center  
Raleigh, NC 27699-1637

Pursuant to 15A NCAC 2L.0407(a), you have a continuing obligation to notify the UST Section of any changes that you know of, or should know of, that might affect the level of risk assigned to the discharge or release. Please be advised that all monitoring wells used to investigate this incident will be properly abandoned in accordance with 15A NCAC 2C.0113 and .0114, respectively by our contractor. Should you have any questions concerning this Notice, please contact Ms. Candy Elliott at (919) 715-2014.

Sincerely,



George C. Matthis, Jr.  
Trust Fund Branch Head

cc: Gene Jackson, FRO



2010005559

ROBESON CO, NC FEE \$17.00  
PRESENTED & RECORDED:  
07-14-2010 11:37:43 AM  
VICKI L LOCKLEAR  
REGISTER OF DEEDS  
BY: FRANKIE BRITT  
ASSISTANT

2010 AUG 12 PM 4:20

RECEIVED/DENR  
2010 AUG 12 PM 4:20

NORTH CAROLINA, ROBESON COUNTY

I hereby certify that the above is a true and correct copy of a Notice of Residual Petroleum Certificate filed in my office.

Witness my hand and official seal this 14th day of July, 2010.

Vicki L. Locklear, Register of Deeds Robeson Co.

By: Glenn W. Shumley Deputy

BK:D 1772  
PG:597-598

### NOTICE OF RESIDUAL PETROLEUM

#### Former McGirt Store, Robeson County, North Carolina

The property that is the subject of this Notice (hereinafter referred to as the "Site") contains residual petroleum and is an Underground Storage Tank (UST) incident under North Carolina's Statutes and Regulations, which consist of N.C.G.S. 143-215.94 and regulations adopted thereunder. This Notice is part of a remedial action for the site that has been approved by the Secretary (or his/her delegate) of the North Carolina Department of Environment and Natural Resources (or its successor in function), as authorized by N.C.G.S. Section 143B-279.9 and 143B-279.11. The North Carolina Department of Environment and Natural Resources shall hereinafter be referred to as "DENR".

#### NOTICE

Petroleum product was released and or discharged at the Site. Petroleum constituents remains on the site, but are not a danger to public health and the environment, provided that the restrictions described herein, and any other measures required by DENR pursuant to N.C.G.S. Sections 143B-279.9 and 143B279.11, are strictly complied with. This "Notice of Residual Petroleum" is composed of a description of the property, the location of the residual petroleum and the land use restrictions on the Site. The Notice has been approved and notarized by DENR pursuant to N.C.G.S. Sections 143B-279.9 and 143B-279.11 and has/shall be recorded at the Robeson County Register of Deeds' office as stamped above.

Wilson Chavis is the owner of all or a portion of the site, which is located in the County of Robeson, State of North Carolina, and is known and legally described as:

The following description of the subject real property was taken from the Robeson County (NC) Registry, Book 846, pages 114-115:

*BEGINNING at an iron stake, said stake being located south 24 degrees 02 minutes east 111.9 feet from the southwest corner of Tract No. 2 in the division of the H.C. Alford Estate and running thence north 75 degrees 40 minutes east 246.0 feet to and iron stake; thence south 16 degrees east about 85.0 feet to an iron stake in the northern margin of said N.C. Highway No. 71; thence as that line (30 feet from center) south 75 degrees 46 minutes west 230.0 feet to an iron stake, the southwestern corner of the original tract of which this is a part; thence north 24 degrees 20 minutes west 87.0 feet to the point of BEGINNING; containing 0.474 acre, more or less, and being a portion of the lands described in and conveyed by deed from Louellen Conoly to Emma McGirt and Wilson Chavis dated October, 1966 and recorded in Book of Deeds No. 15-U, at page 71, Robeson County Registry.*

For protection of public health and the environment, the following land use restriction by N.C.G.S. Section 143B-279.9(b) shall apply to all of the above-described real property. These restrictions shall continue in effect as long as residual petroleum remains on the site in excess of unrestricted use standards and cannot be amended or cancelled unless and until the Robeson County Register of Deeds receives and records the written concurrence of the Secretary (or his/her delegate) of DENR (or its successor in function).

#### PERPETUAL LAND USE RESTRICTIONS

**Soil:** *The Site shall be used for industrial/commercial use only. Industrial/commercial use means a use where exposure to soil contamination is limited in time and does not involve exposure to children or other sensitive populations such as the elderly or sick. The real property shall not be developed or utilized for residential purposes including but not limited to: primary or secondary residences (permanent or temporary), schools daycare centers, nursing homes, playgrounds, parks, recreation areas and/or picnic areas.*

RET. ENV- DENR/WASTE MANAGEMENT  
UST SECTION/ATTN: CANDY ELLIOTT  
1637 MAIL SERVICE CENTER  
RALEIGH, NC 27699-1637

*Groundwater: Groundwater from the site is prohibited from use as a water supply. Water supply wells of any kind shall not be installed or operated on the site until the residual groundwater contamination can be shown to be within North Carolina Groundwater Standards.*

### ENFORCEMENT

The above land use restriction(s) shall be enforced by owner, operator, or other party responsible for the site. The above land use restriction(s) may also be enforced by DENR through any of the remedies provided by law or by means of a civil action, and may also, be enforced by any unit of local government having jurisdiction over any part of the site. Any attempt to cancel this Notice without the approval of DENR (or its successor in function) shall be subject to enforcement by DENR to the full extent of the law. Failure by any party required or authorized to enforce any of the above restriction(s) shall in no event be deemed a waiver of the right to do so thereafter as to the same violation or as to one occurring prior or subsequent thereto.

IN WITNESS WHEREOF, George C. Matthis Jr. has caused this Notice to be executed pursuant to N.C.G.S. Sections 143B-279.9 and 143B-279.11, this 8th day of July, 2010.

By: George C. Matthis Jr.  
Signature of Delegated DENR Representative

Head of Trust Fund Branch/Underground Storage Tank Section  
Title of the above Party

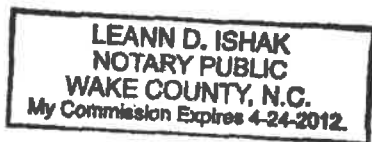
Signatory's name typed or printed: George C. Matthis Jr.

NORTH CAROLINA

Wake COUNTY

I, Leann D. Ishak, a Notary public certify that George C. Matthis, Jr. personally came before me this day and acknowledged that he is the Trust Fund Branch Head, UST Section of NC Department of Environment and Natural Resources and that he as Trust Fund Branch Head being authorized to do so, executed the foregoing on behalf of NC Department of Environment and Natural Resources.

WITNESS my hand and official seal, this 8th day of July, 2010.



Leann D. Ishak  
Leann D. Ishak  
Notary

My commission expires 4/24/2012

This instrument was prepared by: Candy E. Elliott, UST Section

~~Mail~~ after recording to: Candy E. Elliott  
Division of Waste Management  
UST Section  
1637 Mail Service Center  
Raleigh, NC 27699-1637



7008 1300 0000 1111 2421

U.S. Postal Service™	
<b>CERTIFIED MAIL™ RECEIPT</b>	
(Domestic Mail Only; No Insurance Coverage Provided)	
For delivery information visit our website at <a href="http://www.usps.com">www.usps.com</a>	
<b>OFFICIAL USE</b>	
Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$
Postmark Here	
Sent To <b>MR WILSON CHAVIS</b>	
Street, Apt. No., or PO Box No. <b>521 WHISTLING RUFUS ROAD</b>	
City, State, ZIP+4 <b>PEMBROKE NC 28372</b>	
PS Form 3800, August 2006 See Reverse for Instructions	

<b>SENDER: COMPLETE THIS SECTION</b>		<b>COMPLETE THIS SECTION ON DELIVERY</b>	
<ul style="list-style-type: none"> <li>■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>■ Print your name and address on the reverse so that we can return the card to you.</li> <li>■ Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>		A. Signature X <i>W. Wilson Chavis</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee	
1. Article Addressed to:		B. Received by (Printed Name)	C. Date of Delivery
<b>MR WILSON CHAVIS</b> <b>521 WHISTLING RUFUS ROAD</b> <b>PEMBROKE NC 28372</b>			<b>8-3</b>
2. Article Number (Transfer from service label)		D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input type="checkbox"/> No If YES, enter delivery address below:	
		3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.	
		4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes	
		7008 1300 0000 1111 2421	

# POLLUTION INCIDENT/U.S.T. LEAK REPORTING FORM

1. Incident # 9897

Division of Environmental Management  
GROUNDWATER SECTION

2. Tabulate only \_\_\_\_\_

## TYPE OF ACTION

A	1. Emergency Response	3. Complaint Investigation	5. U.S.T. Leak
	2. Compliance Investigation	4. Routine Inventory	6. Other: _____
POTENTIAL HAZARDS: 1. Toxic Chemicals 2. Radioactivity 3. Air Emissions 4. Explosives 5. Fire			

## INCIDENT DESCRIPTION

B	Incident Location/Name <u>SAMUEL BRYANT Station</u>		
	Address <u>Rt 2</u>		
	City/Town <u>MAXTON</u>	County <u>ROBESON</u>	Region <u>FRO</u>
	Briefly Describe Incident <u>Complaint investigation about petro-odor in water supply well at private residence of the Dial's. The closest source of petroleum to the Dial well - Samuel Bryant Station where tank remain in ground unused. An auger boring 25' down grade of the USTs revealed strong petro odor - gasoline. Area will likely have free product.</u>		
	Date Incident Occurred or Leak Detected <u>2/23/93</u>	If L.U.S.T., How Leak Was Detected	1. Tank Gauging 2. Vapor Monitoring 3. GW Monitoring 4. Contractor who tightness tested, removed tank, or installed leak detection system. _____ 5. Interstitial Monitoring 6. Tank Removal 7. Tightness Test 8. Other <u>DEM INVESTIGATION</u>

## PERSON REPORTING INCIDENT

C	Name <u>Art Barnhardt - response to complaint</u>	Date <u>2/23/93</u>	Time <u>2:30 PM</u>
	Company/Agency <u>DEM - FRO</u>	Telephone _____	
	REPORTED BY: 1. Tank owner/operator 2. Government agency 3. Private (3rd) party 4. Facility owner (Non-L.U.S.T.) 5. Other: _____		

## RECOMMENDED ACTION

D	(MULTIPLE CHOICES POSSIBLE)			
	1. Investigation complete	3. Initiate/complete cleanup	5. Drilling support	7. Confirm leak
	2. Continue investigation	4. Long-term remedial action	6. Issue NOV	8. Monitoring plan
	Comments <u>Will notify owner/operator with NRR after RP are determined in the next few days</u>			
	CLEANUP LEAD	1. Responsible Party	Site Priority Ranking <u>1503</u>	
D.E.M. Regional Contact	2. State	Signature <u>Art Barnhardt</u>	Date <u>2/24/93</u>	

# POLLUTION INCIDENT/U.S.T. LEAK REPORTING FORM

## POLLUTANTS INVOLVED

	MATERIALS INVOLVED	AMOUNT STORED OR TANK CAPACITY	AMOUNT LOST	AMOUNT RECOVERED
<b>E</b>	<u>GASOLINE</u>	<u>2(250) 1(500)</u>	<u>UNKNOWN</u>	<u>NONE</u>
	_____	_____	_____	_____
	_____	_____	_____	_____

## IMPACT ON SURFACE WATERS

<b>F</b>	WATERS AFFECTED	1. Yes	<u>2. No</u>	3. Potentially	Distance to Stream(ft) <u>1500</u>
	Fish Kill	1. Yes	<u>2. No</u>	Name of Stream <u>Cumbe River</u>	Stream Class

## IMPACT ON DRINKING WATER SUPPLIES

<b>G</b>	WELLS AFFECTED	1. Yes	2. No	3. Potentially	No. of Wells Affected <u>1</u>	No. of Wells Potentially Affected <u>7</u>
	Population Served By Affected Wells <u>5</u>	Estimated Population Served By Potentially Affected Wells <u>25</u>			Aquifer(s) Being Used <input checked="" type="checkbox"/> 1. Water Table <input type="checkbox"/> 2. Confined <input type="checkbox"/> 3. Bedrock	

## POTENTIAL SOURCE OF POLLUTION

<b>H</b>	PRIMARY SOURCE OF POTENTIAL POLLUTION (Select one)		PRIMARY POLLUTANT TYPE (Select one)		LOCATION	SETTING
	1. Intentional dump	13. Well	1. Pesticide/herbicide		<u>1. Facility</u>	1. Residential
	2. Pit, pond, lagoon	14. Dredge spoil	2. Radioactive waste		2. Railroad	2. Industrial
	<u>3. Leak-underground</u>	15. Nonpoint source	<u>3. Gasoline/diesel</u>		3. Waterway	3. Urban
	4. Spray irrigation		4. Heating oil		4. Pipeline	<u>4. Rural</u>
	5. Land application		5. Other petroleum prod.		5. Dumpsite	
	6. Animal feedlot		6. Sewage/septage		6. Highway	
	7. Source unknown	7. Fertilizers		7. Residence		
	8. Septic tank	8. Sludge		8. Other		
	9. Sewer line	9. Solid waste leachate				
	10. Stockpile	10. Metals				
	11. Landfill	11. Other inorganics				
	12. Spill-surface	12. Other organics				
	If other sources, list corresponding No's. <u>N/A</u>				Confirmed Violation of: 1. 15 NCAC 2L <u>Yes</u> _____ No 2. Article 21A Part I _____ Yes _____ No 3. Article 21A Part II _____ Yes _____ No 4. Federal/State U.S.T. rules <u>Yes</u> _____ No	
	If multiple pollutant types, list corresponding No's. <u>N/A</u>					
	If PIRF previously submitted for Nonprimary Sources, list Incident No's. <u>N/A</u>					

# POLLUTION INCIDENT/U.S.T. LEAK REPORTING FORM

## POTENTIAL SOURCE OWNER-OPERATOR

Potential Source Owner-Operator OWNER OF Property - <u>SAMUEL BRYANT</u> Potential owner/operator <u>Cooper Petro</u>		Telephone <u>914/619</u> <u>844-5117 / 276-7474</u>	
Company _____		Street Address _____	
City _____	County _____	State _____	Zip Code _____
U.S.T. REGISTERED 1. YES ? 2. NO ?	SOURCE/U.S.T. IN USE 1. N/A 2. YES 3. NO	PERMIT TYPE 0. N/A 1. Non-discharge 2. Oil terminal 3. Landfill 4. Mining 5. NPDES 6. RCRA	OWNERSHIP 0. N/A 1. Municipal 2. Military 3. Unknown 4. Private 5. Federal 6. County 7. State
FACILITY ID# ?	SOURCE PERMITTED 1. Yes 2. No		
FEDERAL U.S.T. DESIGNATION 1. Regulated 2. Non-Regulated	PERMIT NUMBER		
STATE U.S.T. DESIGNATION 1. Commercial 2. Non-Commercial	SOURCE ON ERRIS LIST 1. Yes 2. No		
OPERATION TYPE 0. N/A 1. Public Service 2. Agricultural 3. Residential 4. Educational/Religious 5. Industrial 6. Commercial 7. Mining		REASON FOR INCIDENT 1. Transportation 2. Mechanical failure 3. Facility 4. Inventory only 5. Human error 6. Vandalism 7. Unknown	
U.S.T. LEAK PREVENTION MEASURES Was tank retrofitted with overfill protection? 1. Yes 2. No When and by whom? _____			
Was tank retrofitted with interior lining? 1. Yes 2. No When and by whom? _____			
Was tank retrofitted with cathodic protection? 1. Yes 2. No When and by whom? _____			

## ACTIONS TAKEN

J	Investigation, Containment, Cleanup, etc. <u>Initial investigation complete. Likely source identified. RP to be notified in next few days. Plans to sample high risk wells are being made.</u>
Circle Appropriate Responses Lab Samples Taken By:    1. D.E.M.    2. D.H.S.    3. Responsible Party    4. None	
Samples Taken Include    1. Groundwater    2. Soil    3. Surface Water	



# POLLUTION INCIDENT/U.S.T. LEAK REPORTING

## LOCATION OF INCIDENT

34.766334

79.337163

7 1/2 Min. Quad Name

Wakulla

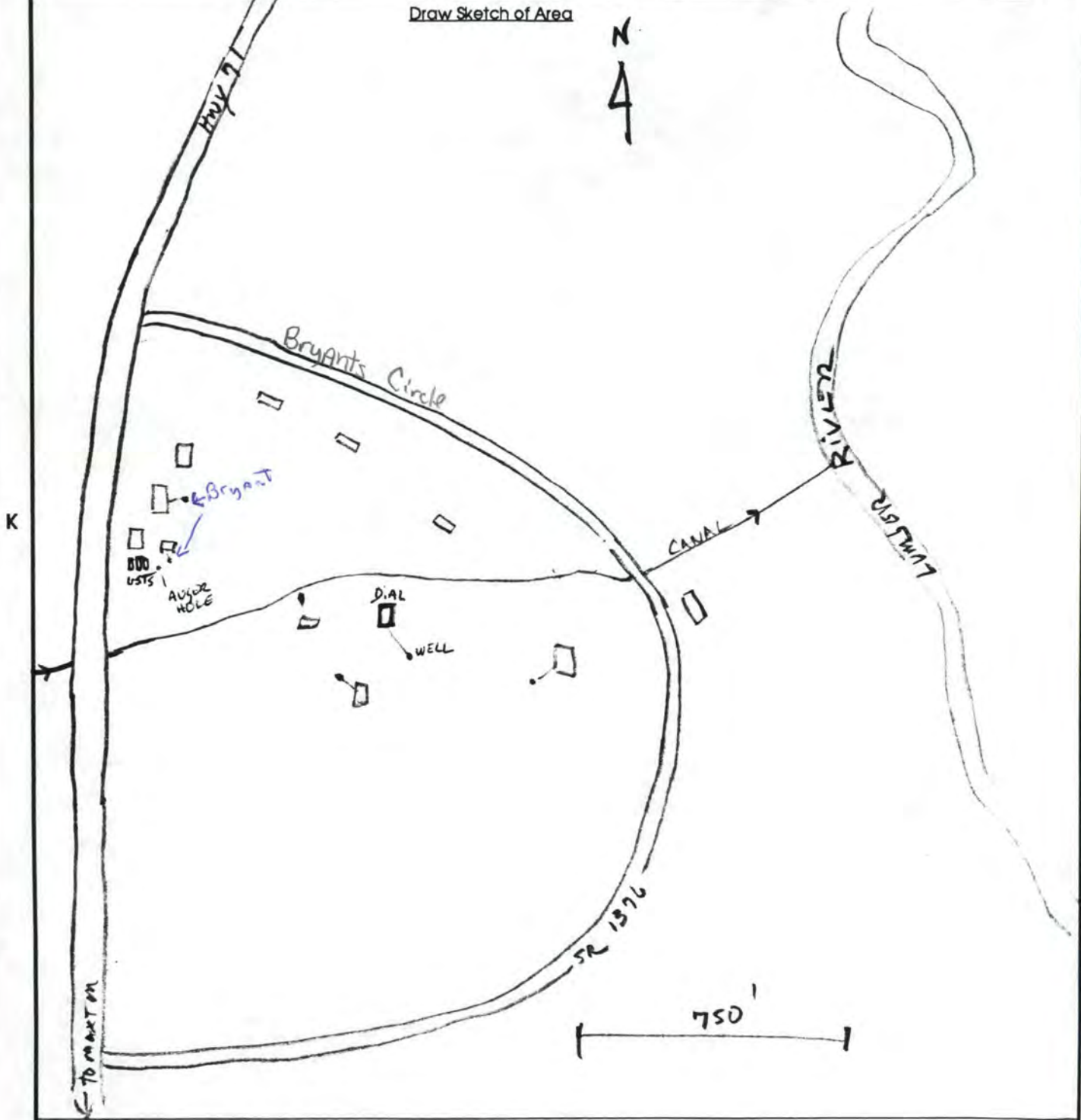
Lat. : Deg : Min : Sec : 34° 46' 00"

Five Min. Quad Number

W 48

Long. : Deg : Min : Sec : 79° 20' 30"

Draw Sketch of Area



Sketch Should Identify The Following:

1. Pollutant Source(s)
2. Impacted and Threatened Water Supplies
3. Direction of Overland Flow
4. Significant Recharge and Discharge Features
5. Relative Physical Structures (roads, buildings, etc.)
6. North Arrow
7. Scale

September 14, 2020

**MEMO TO FILE:**

TO: James Brown, Acting Regional Supervisor  
UST Section, Fayetteville Regional Office

FROM: Bruce Reed, Hydrogeologist  
UST Section, Wilmington Regional Office

SUBJECT: Site Closure & NFA

Incident Name: Sam Bryant Property (Former Dials Grocery)

WI Number: FA-523

Incident Number: 9897

This file was reviewed on September 14, 2020, and it was determined that this incident is eligible for No Further Action because there are no laboratory analytical results that document a petroleum problem. According to TIMS, the tank owner was Cooper Petroleum, and the USTs were removed on September 1, 1981, and December 28, 1993. This does not prove that the USTs are not there, as there is no tank closure report in the file. No additional assessment or site work is required unless new information is made available to our office that indicates further investigation would be warranted.

ROY COOPER  
*Governor*  
ELIZABETH S. BISER  
*Secretary*  
MICHAEL SCOTT  
*Director*



April 13, 2023

**Sent via email**

Keith Osterman  
Swift Transportation  
2200 S. 75<sup>th</sup> Ave  
Phoenix, AZ 85043

Re: Notice of Regulatory Requirements  
15A NCAC 02L .0504 and 02L .0505  
Risk-based Assessment and Corrective Action for  
Petroleum Aboveground Storage Tanks and  
Other Petroleum Sources

Swift Transportation Release  
2120 Hwy 71, Maxton  
Robeson County  
Incident Number: 96998  
Risk Classification: Unknown

Dear Keith Osterman:

Information received by this regional office of the Underground Storage Tank Section (UST Section), Division of Waste Management, on April 2, 2023, confirms a release or discharge of petroleum at the above-referenced location. Furthermore, this office has determined that you are the responsible party for the assessment and cleanup of the release or discharge.

As the responsible party, you must comply with the initial response and abatement action requirements of the Title 15A of the North Carolina Administrative Code (NCAC), Subchapter 02L .0504 and, if applicable, the assessment and reporting requirements of Title 15A NCAC 02L .0505, within the timeframes specified in the attached rules. (Be aware that if Title 15A NCAC 02L .0505 is applicable, you must comply with its requirements even if you do not receive formal notification from the UST Section.)

Initial abatement action requirements include the preparation and submittal of an Initial Assessment Report (IAR), in accordance with Title 15A NCAC 02L .0504 within 90 days of discovery of the release.

Because a release or discharge has been confirmed, a Licensed Geologist or a Professional Engineer, certified by the State of North Carolina, is required to prepare and certify all reports submitted to the Department of Environmental Quality in accordance with Title 15A NCAC 02L .0103(e) and 02L .0111(b).

Please note that before you sell, transfer, or request a "No Further Action" determination for a property that has not been remediated to below "unrestricted use" standards, you must file a Notice of Contaminated Site



North Carolina Department of Environmental Quality | Division of Waste Management  
Wilmington Regional Office | 127 Cardinal Drive Extension | Wilmington, NC 28405 |  
(910) 796-7215



or Notice of Residual Petroleum with the Register of Deeds in the county where the property is located (North Carolina General Statutes 143B-279.9, and 143B-279.10 or 143B-279.11).

Failure to comply with the State's rules in the manner and time specified may result in the assessment of civil penalties and/or the use of other enforcement mechanisms.

If you have any questions regarding the actions that must be taken or the rules mentioned in this letter, please contact me at [lauren.richardson@ncdenr.gov](mailto:lauren.richardson@ncdenr.gov) or (910) 796-7475.

Sincerely,



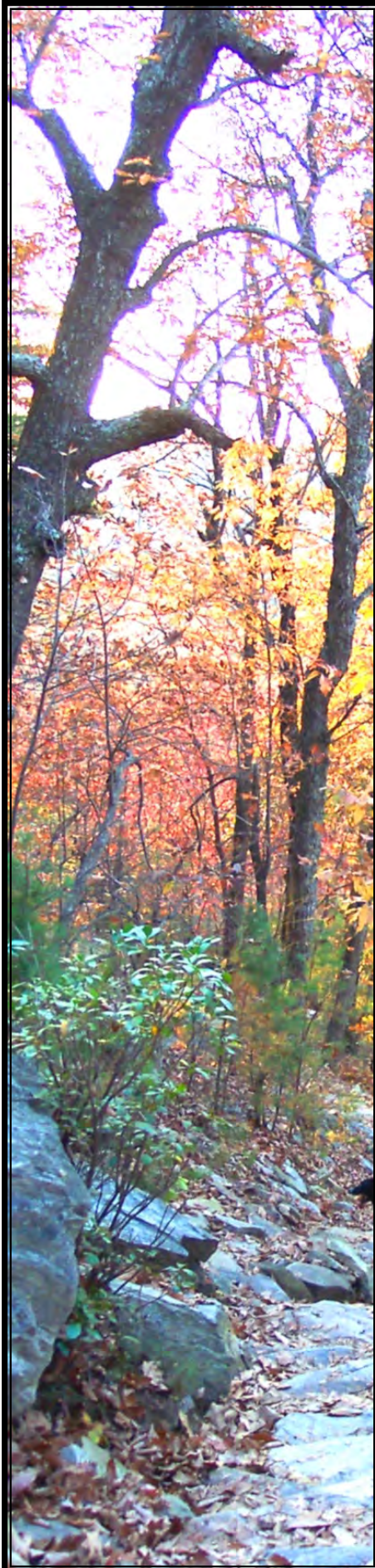
Lauren Richardson  
Hydrogeologist  
Wilmington Regional Office  
UST Section, Division of Waste Management, NCDEQ

Enclosures: Title 15A NCAC 02L .0504 and 02L .0505

Cc: Aric Clark ([ehcaclark@gmail.com](mailto:ehcaclark@gmail.com))







# **INITIAL ABATEMENT REPORT**

**CAMPBELL SOUP SITE  
2120 NC HIGHWAY 71 N  
MAXTON, ROBESON COUNTY,  
NORTH CAROLINA  
MAY 18, 2023**

MSE JOB NO. 1210

**Prepared For:**

EHC ENVIRONMENTAL  
POST OFFICE BOX 902  
RED SPRINGS, NORTH CAROLINA, 28377

**MINERAL SPRINGS ENVIRONMENTAL, P.C.**

4600 MINERAL SPRINGS LANE  
RALEIGH, NORTH CAROLINA, 27616  
919.261.8186



# MINERAL SPRINGS

environmental, p.c.

4600 Mineral Springs Lane Raleigh, NC 27616

919-261-8186

May 18, 2023

Mr. Aric Clark  
EHC Environmental  
PO Box 902  
Red Springs, North Carolina 28377

Reference: **Initial Abatement Report  
Campbell Soup Site  
2120 NC Highway 71N  
Maxton, North Carolina  
MSE Job 1210**

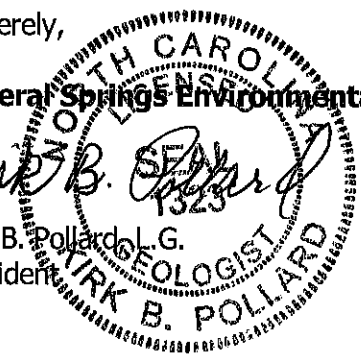
Dear Mr. Clark:

Mineral Springs Environmental, P.C. (MSE) has prepared the following Initial Assessment Report documenting soil remediation activities at the above referenced site. If you have any questions, please contact me at (919) 261-8186.

Sincerely,

**Mineral Springs Environmental, P.C.**

*Kirk B. Pollard*  
Kirk B. Pollard, L.G.  
President



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<b>2 SITE REMEDIATION</b>	<b>2</b>
<b>3 POST-REMEDIATION SAMPLING</b>	<b>2</b>
<b>4 CONCLUSIONS AND PETITION FOR NO-FURTHER ACTION</b>	<b>2</b>
<b>5 LIMITATIONS</b>	<b>3</b>

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Drawing 1	Topographic Site Map
Drawing 2	Site Map

### **TABLES**

Table 1	Summary of Soil Analytical Results
---------	------------------------------------

### **APPENDICE**

Appendix A	Photographs
Appendix B	Non-Hazardous Waste Disposal Summary and Manifest
Appendix C	Laboratory Analytical Reports and Chain-of-Custody Records

**INITIAL ABATEMENT REPORT  
CAMPBELL SOUP SITE  
2120 NC Highway 71 N  
Maxton, North Carolina  
May 18, 2023**

**1 INTRODUCTION**

The subject site is located at 2120 NC Highway 71 N Maxton, North Carolina (see Drawing 1). The latitude and longitude of the site are 34° 46' 20.70" north and 79° 19' 39.94" west, respectively. On April 2, 2023 a vehicle owned by Swift Transport was involved in an incident that resulted in a release of petroleum to the subject property. On April 2, 2023, EHC Environmental (EHC) responded to the spill and recovered free product and cleaned the road.

**2 SITE REMEDIATION**

On April 27, 2023 EHC under the technical oversight of Mineral Springs Environmental PC (MSE) mobilized to the site and excavated 16.5 tons of impacted soil at the site. The excavation dimensions averaged approximately 12 feet wide by 16 feet long and between one and two feet deep and are shown on Drawing 2. Photographs of the remediation activities are provided in Appendix A. The soil was disposed of at the GTA Farms facility located in Lumber Bridge, North Carolina. The soil manifest and weigh tickets are contained in Appendix B. The excavation was backfilled with imported soil.

**3 POST-REMEDIATION SAMPLING**

In order to determine the effectiveness of the soil remediation activities seven soil sample (SS-1 thru SS-3) were collected from the bottom of the excavated area to document the effectiveness of the excavation activities. The soil sample location is shown on Drawing 2. The samples were analyzed for the presence of total petroleum hydrocarbons (TPH) as diesel (DRO) and TPH as gasoline (GRO) according to EPA Method 3550 and 5035 by Environmental Conservation Laboratories (ENCO) located in Cary, North Carolina.

Soil samples (SS-1 thru SS-3) did not reveal the presence of TPH DRO or GRO at concentrations above the NC UST Section's cleanup levels. The analytical results are contained in Appendix C and summarized on Table 1.

**4 CONCLUSIONS**

A release of petroleum product occurred during an incident at the above referenced site. On April 27, 2023 steps were taken to excavate impacted soil on the subject site. Based on the analytical results, the remediation activity was successful in removing the petroleum release to below the State's enforced cleanup standards in the area of impact. As such no further excavation will be required.

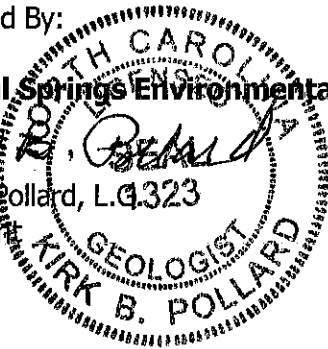
## **5 LIMITATIONS**

The opinions included in this report are applicable only on the specific portions of the site addressed and described. The opinions are based on the data collected on the days specified using the methods described. If additional data becomes available, we request the opportunity to review and modify the conclusions and recommendations included in this report, if warranted. This report is for the sole use of Campbell Soup and EHC and is to be used in its entirety. Use by other parties will be at their sole risk and without liability to Mineral Springs Environmental, P.C.

Prepared By:

**Mineral Springs Environmental, P.C.**

  
Kirk B. Pollard, L.G.323  
President



MINERAL SPRINGS ENVIRONMENTAL, P.C.

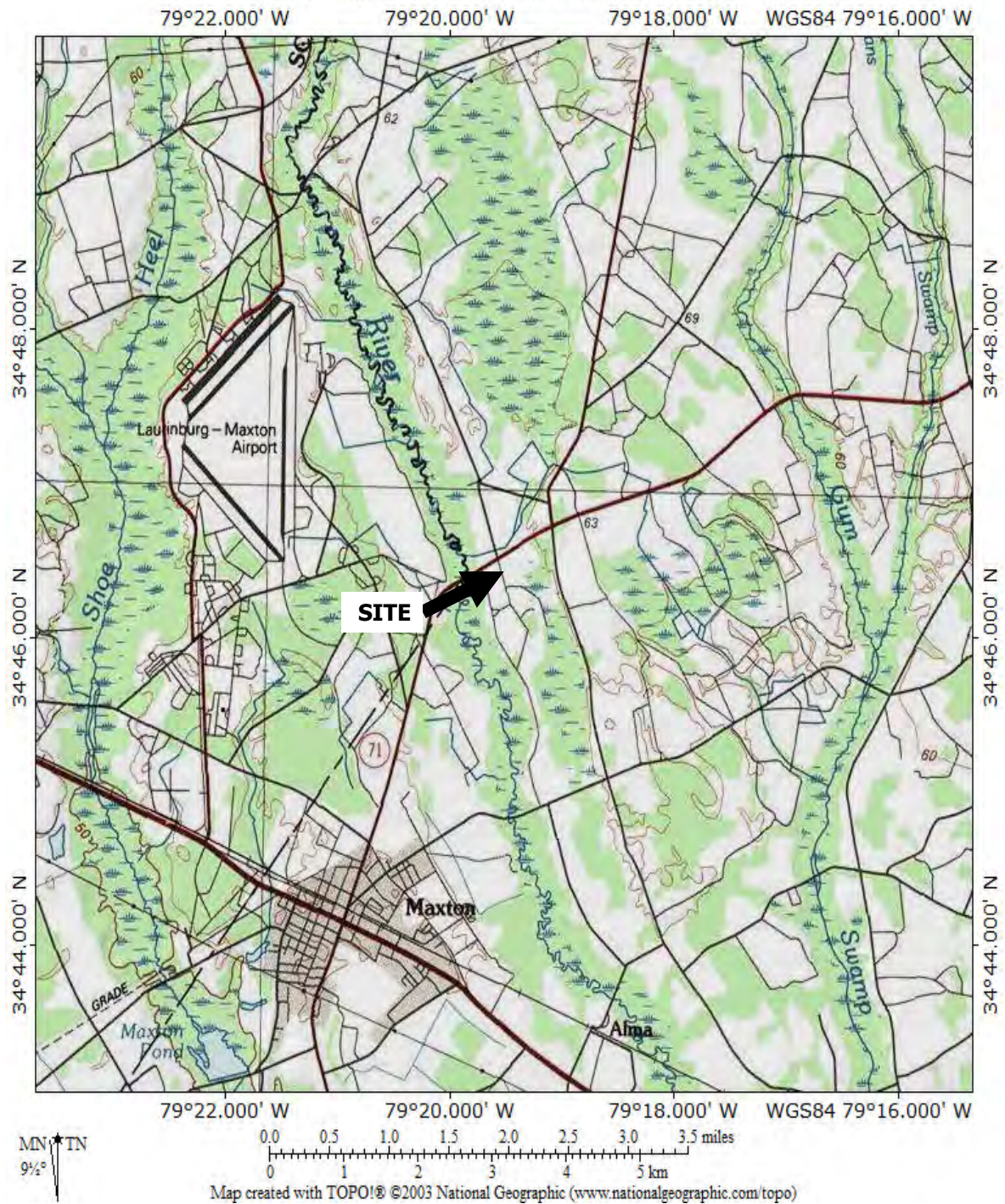


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## DRAWINGS

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TOPO! map printed on 05/18/23 from "Untitled.tpo"



Date: May 2023

Job No.: MSE 1210

File: 1210/Drawing 1

By: KP

TOPOGRAPHIC SITE MAP  
CAMPBELL SOUP SITE  
2120 HWY 71 N  
MAXTON, NORTH CAROLINA

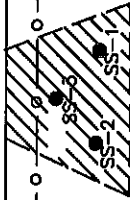
**m**INERAL  
**S**PRINGS  
environmental, p.c.

DRAWING NO. 1

BUILDING

TO HIGHWAY 71

TRUCK ENTRANCE ROAD



DRAINAGE DITCH

LEGEND  
● SS-1 SOIL CONFIRMATION SAMPLE LOCATION  
→ DRAINAGE DITCH  
▨ AREA OF EXCAVATION

0 20'  
SCALE: 1"= 20'

CAD DATE: MAY 2023

PROJECT NO: MSE1210

CAD FILE: MSE-1210-001

DRAWN BY: BAM

APPROVAL:

REFERENCE: MSE FIELD NOTES

SITE MAP  
CAMPBELL SOUP  
2120 HIGHWAY 71  
MAXTON, NORTH CAROLINA

MINERAL  
SPRINGS  
environmental, p.c.

DRAWING NO: 2

---

## TABLES

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TABLE 1				
SOIL SAMPLE LABORATORY ANALYTICAL RESULTS				
CAMPBELL SOUP SITE				
MAXTON, NORTH CAROLINA				
MSE JOB 1210				
Constituent (mg/Kg)	Sample Number			Soil to Groundwater
	SS-1	SS-2	SS-3	
Total Petroleum Hydrocarbons				
Gasoline Range Organics	17B	6.2JB	14B	50
Diesel Range Organics	5.1JB	3.9JB	3.7JB	100
<b>Notes:</b>				
mg/Kg - Milligrams per kilogram		J - Estimated Value		
MSCC - Maximum Soil Contaminant Concentration				
Values shown in <b>bold</b> type exceed their respective soil-to-groundwater MSCC				
BQL - Below Quantitation Limit		B - Compound Identified in Lab Blank		
NA - Not Analyzed				
NE - None established				

---

## APPENDICES

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## **APPENDIX A**

### PICTURES















## **APPENDIX B**

### **CERTIFICATE OF DISPOSAL AND MANIFEST**

**NON-HAZARDOUS  
WASTE  
MANIFEST**  
EMERGENCY PHONE NO.  
(910) 843-4456

**GTA Farms, LLC**  
1295 McNeill Lake Road  
Shannon, NC 28386  
(910) 843-5000  
SRU 600072

Manifest Document No

TA-5513

Generator GPS Location

Page

1  
of  
1

**GENERATOR INFORMATION**

Name <b>EHC</b>	US EPA ID No.
Street Address <b>207 W Fourth Ave Red Springs NC</b>	Mailing Address <b>Same</b>
	Phone No. <b>910-843-4456</b>
	Contact <b>Aric Clark</b>

**DESCRIPTION OF MATERIALS (Additional Information on Back)**

HM	USDOT Proper Shipping Name	Hazard Class or Div.	UN/NA ID No.	Packing Group	Containers Qty	Containers Type	Total Quantity	Unit Wt/Vol
a.	<b>Petroleum Contaminated Soil</b>					<b>DT</b>	<b>16.5</b>	<b>TON</b>
b.								
c.								

WASTE ORIGATION LOCATION (COMPLETE ADDRESS)

**NOTE: SEE SOIL ANALYTICAL REQUIREMENTS ON BACK OF THIS FORM**

**GENERATOR'S CERTIFICATION**

This is to certify that the above-described materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation. I further certify that none of the materials described above are a hazardous waster as defined by EPA 40 CPR Part 261 or any applicable state law, and unless specifically identified above, the materials contain less than 1,000 ppm total halogens and do not contain quantifiable levers (2 ppm) of PCBs as defined by EPA 40 CFR Parts 279 and 761.

Printed/Typed Name	Signature <b>Austin Thompson</b>	Mo/Day/Yr. <b>4/27/23</b>
--------------------	-------------------------------------	------------------------------

**TRANSPORTER INFORMATION**

Transporter	I hereby acknowledge receipt of the above-described materials for transport from the generator site listed above.	
Address	Signature <b>Jessie</b>	Mo/Day/Yr. <b>4/27/23</b>
Transporter or EPA ID No.	Unit No.	I hereby acknowledge that the above-described materials were received from the generator site and were transported to the facility listed below.
Phone	Signature <b>Jessie</b>	Mo/Day/Yr. <b>4/27/23</b>

**FACILITY INFORMATION**

Facility <b>GTA Farms, LLC.</b>	I hereby acknowledge receipt of the materials covered by this manifest except for any discrepancy noted below.	
Mailing Address <b>Post Office Box 547 Red Springs, NC 23877</b>	Signature <b>Aric Clark</b>	Receipt Date <b>4-27-23</b>
Facility Permit No. <b>SRU 600072</b>	Discrepancies / Routing Codes / Handling Methods	
Phone <b>(910) 843-5000 or (910) 850-4299</b>		
Contact: <b>Thomas Ammons</b>	GPS LOCATION:	

WHITE: Generator CANARY: Transporter #1 PINK: Transporter #2 GOLD: Generator

DATE 4-27-23

CUSTOMER'S NAME EHC /

ADDRESS \_\_\_\_\_

COMMODITY Soil

CARRIER \_\_\_\_\_

04/27/2023 01:28 PM 53937  
64880 lb 8 (INBOUND)  
32200 lb T  
32680 lb N

Lbs. Gross  
Lbs. Tare  
Lbs. Net

RECEIVED BY: Jessie

WEIGHER Glenda Hayworth

53937



*When We Nurture,  
You Grow*

P. O. Box 667 • 2274 St. Pauls Road  
Raeford, NC 28376  
Phone (910) 875-4277

LICENSE EXPIRES JUNE 03, 2025  
GLENDA HAYWORTH

INVALID UNLESS SIGNED



# CERTIFICATE OF DISPOSAL

ENVIRONMENTAL HYDROGEOLOGICAL CONSULTANTS, INC.

Certifies to all that

**16.5 Tons**

Of Non-Hazardous, Petroleum Contaminated Soil / Product has been disposed of in accordance with NCDEQ SRFRO-600072 (GTA Farms LLC) and the source was virgin diesel fuel.

This product was generated by/at:

Campbell Soup Company

2121 NC-71

Maxton, NC 28364

5-17-23

DATE

A handwritten signature in black ink, appearing to be 'JL', written over a horizontal line.

SIGNATURE



## **APPENDIX C**

### LABORATORY ANALYTICAL RESULTS

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Kirk Pollard  
Mineral Springs Environmental  
4600 Mineral Springs Lane  
Raleigh, North Carolina 27616

Generated 5/9/2023 8:47:54 AM

## JOB DESCRIPTION

Campbell Soup

## JOB NUMBER

752-6188-1

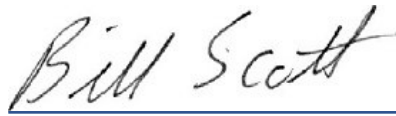
# Eurofins Raleigh

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

## Authorization



Generated  
5/9/2023 8:47:54 AM

Authorized for release by  
Bill Scott, Project Manager  
[Bill.Scott@et.eurofinsus.com](mailto:Bill.Scott@et.eurofinsus.com)  
(919)677-1669

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## Definitions/Glossary

Client: Mineral Springs Environmental  
Project/Site: Campbell Soup

Job ID: 752-6188-1

### Qualifiers

#### GC VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

#### GC Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

## Case Narrative

Client: Mineral Springs Environmental  
Project/Site: Campbell Soup

Job ID: 752-6188-1

**Job ID: 752-6188-1**

**Laboratory: Eurofins Raleigh**

### Narrative

#### Job Narrative 752-6188-1

#### Receipt

The samples were received on 5/1/2023 2:47 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.4°C

#### Gasoline Range Organics

Method 8015D\_GRO: The method blank for analytical batch 680-776749 contained Gasoline Range Organics (GRO) above the method detection limit (MDL). Associated samples were not re-analyzed because results were less than one half the reporting limit (RL).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

#### Diesel Range Organics

Method 8015D\_DRO: The method blank for preparation batch 680-777448 and analytical batch 680-777535 contained Diesel Range Organics (DRO) above the method detection limit (MDL). Associated samples were not re-analyzed because results were less than one half the reporting limit (RL).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

#### General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

## Detection Summary

Client: Mineral Springs Environmental  
Project/Site: Campbell Soup

Job ID: 752-6188-1

### Client Sample ID: SS-1

Lab Sample ID: 752-6188-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Gasoline Range Organics (GRO)	17	B	12	3.1	mg/Kg	100	✱	8015D	Total/NA
Diesel Range Organics (DRO)	5.1	J B	8.7	2.8	mg/Kg	1	✱	8015D	Total/NA

### Client Sample ID: SS-2

Lab Sample ID: 752-6188-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Gasoline Range Organics (GRO)	6.2	J B	9.0	2.3	mg/Kg	100	✱	8015D	Total/NA
Diesel Range Organics (DRO)	3.9	J B	8.9	2.9	mg/Kg	1	✱	8015D	Total/NA

### Client Sample ID: SS-3

Lab Sample ID: 752-6188-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Gasoline Range Organics (GRO)	14	B	12	2.9	mg/Kg	100	✱	8015D	Total/NA
Diesel Range Organics (DRO)	3.7	J B	9.2	3.0	mg/Kg	1	✱	8015D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Raleigh



# Client Sample Results

Client: Mineral Springs Environmental  
Project/Site: Campbell Soup

Job ID: 752-6188-1

Client Sample ID: SS-1

Lab Sample ID: 752-6188-1

Date Collected: 05/01/23 13:30

Matrix: Solid

Date Received: 05/01/23 14:47

Percent Solids: 91.8

## Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	17	B	12	3.1	mg/Kg	☆	05/03/23 15:52	05/03/23 21:56	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	86		70 - 131				05/03/23 15:52	05/03/23 21:56	100

## Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	5.1	J B	8.7	2.8	mg/Kg	☆	05/08/23 12:05	05/08/23 20:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	68		15 - 139				05/08/23 12:05	05/08/23 20:46	1

Client Sample ID: SS-2

Lab Sample ID: 752-6188-2

Date Collected: 05/01/23 13:45

Matrix: Solid

Date Received: 05/01/23 14:47

Percent Solids: 88.3

## Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	6.2	J B	9.0	2.3	mg/Kg	☆	05/03/23 15:52	05/03/23 22:17	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	88		70 - 131				05/03/23 15:52	05/03/23 22:17	100

## Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	3.9	J B	8.9	2.9	mg/Kg	☆	05/08/23 12:05	05/08/23 21:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	72		15 - 139				05/08/23 12:05	05/08/23 21:01	1

Client Sample ID: SS-3

Lab Sample ID: 752-6188-3

Date Collected: 05/01/23 14:00

Matrix: Solid

Date Received: 05/01/23 14:47

Percent Solids: 86.3

## Method: SW846 8015D - Gasoline Range Organics (GRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	14	B	12	2.9	mg/Kg	☆	05/03/23 15:52	05/03/23 22:39	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	87		70 - 131				05/03/23 15:52	05/03/23 22:39	100

## Method: SW846 8015D - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	3.7	J B	9.2	3.0	mg/Kg	☆	05/08/23 12:05	05/08/23 21:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	70		15 - 139				05/08/23 12:05	05/08/23 21:16	1

Eurofins Raleigh

## Surrogate Summary

Client: Mineral Springs Environmental  
Project/Site: Campbell Soup

Job ID: 752-6188-1

### Method: 8015D - Gasoline Range Organics (GRO) (GC)

Matrix: Solid

Prep Type: Total/NA

			Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	TFT1 (70-131)						
752-6188-1	SS-1	86						
752-6188-2	SS-2	88						
752-6188-3	SS-3	87						
LCS 680-776749/6	Lab Control Sample	119						
LCSD 680-776749/7	Lab Control Sample Dup	122						
MB 680-776749/8	Method Blank	91						
Surrogate Legend								
TFT = a,a,a-Trifluorotoluene								

### Method: 8015D - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

			Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	OTPH (15-139)						
752-6188-1	SS-1	68						
752-6188-2	SS-2	72						
752-6188-3	SS-3	70						
LCS 680-777448/20-A	Lab Control Sample	112						
MB 680-777448/19-A	Method Blank	96						
Surrogate Legend								
OTPH = o-Terphenyl								

# QC Sample Results

Client: Mineral Springs Environmental  
Project/Site: Campbell Soup

Job ID: 752-6188-1

## Method: 8015D - Gasoline Range Organics (GRO) (GC)

Lab Sample ID: MB 680-776749/8

Matrix: Solid

Analysis Batch: 776749

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)	3.63	J	10	2.5	mg/Kg			05/03/23 16:04	100
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	91		70 - 131					05/03/23 16:04	100

Lab Sample ID: LCS 680-776749/6

Matrix: Solid

Analysis Batch: 776749

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)	50.0	54.3		mg/Kg		109	64 - 133		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
a,a,a-Trifluorotoluene	119		70 - 131						

Lab Sample ID: LCSD 680-776749/7

Matrix: Solid

Analysis Batch: 776749

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)	50.0	55.1		mg/Kg		110	64 - 133	2	50
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
a,a,a-Trifluorotoluene	122		70 - 131						

## Method: 8015D - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 680-777448/19-A

Matrix: Solid

Analysis Batch: 777535

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 777448

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (DRO)	2.71	J	7.9	2.6	mg/Kg		05/08/23 12:05	05/08/23 18:41	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl	96		15 - 139				05/08/23 12:05	05/08/23 18:41	1

Lab Sample ID: LCS 680-777448/20-A

Matrix: Solid

Analysis Batch: 777535

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 777448

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics (DRO)	33.1	25.1		mg/Kg		76	26 - 133		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
o-Terphenyl	112		15 - 139						

Eurofins Raleigh

## QC Association Summary

Client: Mineral Springs Environmental  
Project/Site: Campbell Soup

Job ID: 752-6188-1

### GC VOA

#### Analysis Batch: 776749

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-6188-1	SS-1	Total/NA	Solid	8015D	776804
752-6188-2	SS-2	Total/NA	Solid	8015D	776804
752-6188-3	SS-3	Total/NA	Solid	8015D	776804
MB 680-776749/8	Method Blank	Total/NA	Solid	8015D	
LCS 680-776749/6	Lab Control Sample	Total/NA	Solid	8015D	
LCSD 680-776749/7	Lab Control Sample Dup	Total/NA	Solid	8015D	

#### Prep Batch: 776804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-6188-1	SS-1	Total/NA	Solid	5035A	
752-6188-2	SS-2	Total/NA	Solid	5035A	
752-6188-3	SS-3	Total/NA	Solid	5035A	

### GC Semi VOA

#### Prep Batch: 777448

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-6188-1	SS-1	Total/NA	Solid	3546	
752-6188-2	SS-2	Total/NA	Solid	3546	
752-6188-3	SS-3	Total/NA	Solid	3546	
MB 680-777448/19-A	Method Blank	Total/NA	Solid	3546	
LCS 680-777448/20-A	Lab Control Sample	Total/NA	Solid	3546	

#### Analysis Batch: 777535

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-6188-1	SS-1	Total/NA	Solid	8015D	777448
752-6188-2	SS-2	Total/NA	Solid	8015D	777448
752-6188-3	SS-3	Total/NA	Solid	8015D	777448
MB 680-777448/19-A	Method Blank	Total/NA	Solid	8015D	777448
LCS 680-777448/20-A	Lab Control Sample	Total/NA	Solid	8015D	777448

### General Chemistry

#### Analysis Batch: 776871

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
752-6188-1	SS-1	Total/NA	Solid	Moisture	
752-6188-2	SS-2	Total/NA	Solid	Moisture	
752-6188-3	SS-3	Total/NA	Solid	Moisture	

# Lab Chronicle

Client: Mineral Springs Environmental  
Project/Site: Campbell Soup

Job ID: 752-6188-1

**Client Sample ID: SS-1**

Date Collected: 05/01/23 13:30

Date Received: 05/01/23 14:47

**Lab Sample ID: 752-6188-1**

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	776871	KG	EET SAV	05/04/23 10:04

**Client Sample ID: SS-1**

Date Collected: 05/01/23 13:30

Date Received: 05/01/23 14:47

**Lab Sample ID: 752-6188-1**

Matrix: Solid

Percent Solids: 91.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A			776804	FES	EET SAV	05/03/23 15:52
Total/NA	Analysis	8015D		100	776749	DBM	EET SAV	05/03/23 21:56
Total/NA	Prep	3546			777448	MEW	EET SAV	05/08/23 12:05
Total/NA	Analysis	8015D		1	777535	DBM	EET SAV	05/08/23 20:46

**Client Sample ID: SS-2**

Date Collected: 05/01/23 13:45

Date Received: 05/01/23 14:47

**Lab Sample ID: 752-6188-2**

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	776871	KG	EET SAV	05/04/23 10:04

**Client Sample ID: SS-2**

Date Collected: 05/01/23 13:45

Date Received: 05/01/23 14:47

**Lab Sample ID: 752-6188-2**

Matrix: Solid

Percent Solids: 88.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A			776804	FES	EET SAV	05/03/23 15:52
Total/NA	Analysis	8015D		100	776749	DBM	EET SAV	05/03/23 22:17
Total/NA	Prep	3546			777448	MEW	EET SAV	05/08/23 12:05
Total/NA	Analysis	8015D		1	777535	DBM	EET SAV	05/08/23 21:01

**Client Sample ID: SS-3**

Date Collected: 05/01/23 14:00

Date Received: 05/01/23 14:47

**Lab Sample ID: 752-6188-3**

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	776871	KG	EET SAV	05/04/23 10:04

**Client Sample ID: SS-3**

Date Collected: 05/01/23 14:00

Date Received: 05/01/23 14:47

**Lab Sample ID: 752-6188-3**

Matrix: Solid

Percent Solids: 86.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A			776804	FES	EET SAV	05/03/23 15:52
Total/NA	Analysis	8015D		100	776749	DBM	EET SAV	05/03/23 22:39
Total/NA	Prep	3546			777448	MEW	EET SAV	05/08/23 12:05
Total/NA	Analysis	8015D		1	777535	DBM	EET SAV	05/08/23 21:16

Eurofins Raleigh

Lab Chronicle

Client: Mineral Springs Environmental  
Project/Site: Campbell Soup

Job ID: 752-6188-1

**Laboratory References:**  
EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

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## Accreditation/Certification Summary

Client: Mineral Springs Environmental  
Project/Site: Campbell Soup

Job ID: 752-6188-1

### Laboratory: Eurofins Savannah

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
North Carolina (WW/SW)	State	269	12-31-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015D	3546	Solid	Diesel Range Organics (DRO)
8015D	5035A	Solid	Gasoline Range Organics (GRO)
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids



## Method Summary

Client: Mineral Springs Environmental  
Project/Site: Campbell Soup

Job ID: 752-6188-1

Method	Method Description	Protocol	Laboratory
8015D	Gasoline Range Organics (GRO) (GC)	SW846	EET SAV
8015D	Diesel Range Organics (DRO) (GC)	SW846	EET SAV
Moisture	Percent Moisture	EPA	EET SAV
3546	Microwave Extraction	SW846	EET SAV
5035A	Closed System Purge & Trap/Methanol	SW846	EET SAV

### Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

### Laboratory References:

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

## Sample Summary

Client: Mineral Springs Environmental  
Project/Site: Campbell Soup

Job ID: 752-6188-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
752-6188-1	SS-1	Solid	05/01/23 13:30	05/01/23 14:47
752-6188-2	SS-2	Solid	05/01/23 13:45	05/01/23 14:47
752-6188-3	SS-3	Solid	05/01/23 14:00	05/01/23 14:47



102-A Woodwinds Industrial Court  
Cary NC 27511  
Phone. 919-677-1669

## Chain of Custody Record

 eurofins

En 1591, Jehan de La

[illegible]

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## Login Sample Receipt Checklist

Client: Mineral Springs Environmental

Job Number: 752-6188-1

**Login Number: 6188**

**List Source: Eurofins Raleigh**

**List Number: 1**

**Creator: Hyatt, Samantha**

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

## Login Sample Receipt Checklist

Client: Mineral Springs Environmental

Job Number: 752-6188-1

Login Number: 6188

List Number: 2

Creator: Harley, Tynisha

List Source: Eurofins Savannah

List Creation: 05/03/23 12:26 PM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ROY COOPER

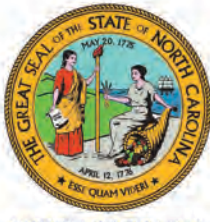
Governor

ELIZABETH S. BISER

Secretary

MICHAEL SCOTT

Director



NORTH CAROLINA  
Environmental Quality

May 23, 2023

Keith Osterman  
Swift Transportation  
2200 S. 75th Ave  
Phoenix, AZ 85043

Re: Notice of No Further Action  
15A NCAC 02L .0507 (f)  
Risk-Based Assessment and Corrective Action  
for Petroleum Releases from Aboveground  
Storage Tanks and other Non-UST Sources

Swift Transportation Release  
2120 Hwy 71, Maxton  
Robeson County  
Incident Number: 96998  
Risk Classification: Low

Dear Keith Osterman:

The initial abatement report received by the UST Section, Division of Waste Management, Wilmington Regional Office on May 22, 2023 has been reviewed. A review of the report indicates that soil contamination does not equal or exceed the TPH action level.

Based on information provided to date, the UST Section determines that no further action is warranted for this incident. This determination shall apply unless the UST Section later finds that the discharge or release poses an unacceptable risk or a potentially unacceptable risk to human health or the environment.

This No Further Action determination applies only to the subject incident; for any other incidents at the subject site, the responsible party must continue to address contamination as required.

If you have any questions regarding this notice, please contact me at the address or telephone number listed below.

Sincerely,

A handwritten signature in cursive script that reads "Lauren Richardson".

Lauren Richardson

Hydrogeologist

Wilmington Regional Office

UST Section, Division of Waste Management, NCDEQ

cc: Aric Clark, EHC Environmental (electronic copy)



North Carolina Department of Environmental Quality | Division of Waste Management  
Wilmington Regional Office | 127 Cardinal Drive Extension | Wilmington, NC 28405 |  
(910) 796-7215



UST-62

## 24-Hour Notification of Discharge Form

For Non-UST  
Releases of  
Petroleum in NC

This form should be completed and submitted to the UST Section's regional office following a known or suspected release of petroleum from a source other than an underground storage tank. This form is required to be submitted within 24 hours of discovery of a known or suspected petroleum release

(DWM USE ONLY)  
Incident # 90237 Priority Rank (H,I,L,U) L  
Received (time/date) 4/26/17  
Received by KEC Region FAY  
Reported by (circle one): Phone, Fax or Report Email

Suspected Contamination? (Y/N) Y  
Confirmed GW Contamination? (Y/N) N  
Confirmed Soil Contamination? (Y/N) Y  
Samples taken?(Y/N) Y Free product? (Y/N) N  
If Yes(free product), state greatest thickness:        feet

Release discovered  
(time/date): 16:27 4/23/2017

Incident Name: Campbell Soup Plant (Boiler House Fuel Spill)

Address (street number/name): 2120 HWY 71 North

County: Robeson

City/Town: Maxton/

Zip Code: 28364

Regional Office (circle one): Asheville, Mooresville, Fayetteville,  
Raleigh, Washington, Wilmington, Winston-Salem

Latitude (decimal degrees): 34.7732 Longitude (decimal degrees) : -79.3258

Describe suspected or confirmed release (nature of release, time/date of release, quantity of release, amount of free product): Gasket ruptured at strainer while pressurizing fuel oil system 16:27 on Sunday 4/23/2017. The amount to be release was about 75-100 gallons. The product that was released on to the concrete and ground was a slurry mix #6 (UN3256).

Obtained by:

- ☐ GPS  
☐ Electronic topographic map  
☐ GIS Address matching  
☒ Other  
☐ Unknown

Describe initial response/abatement (time/date release stopped, cleanup begun/completed, quantity of product soil removed, confirmation sampling): Operator noticed the smell of oil and looked around the side and noticed the oil spraying on the floor. He immediately stopped the pumps which was about 16:33. Environmental Lead was contacted and EHC was deployed within 30 minutes. EHC had a team of 12 members to respond with equipment to begin cleaning the spill around 17:30

Describe impacted receptors: The soil at the boilerhouse was immediately impacted. Which is about 20'x40' space.

Describe location:

EHC was back on site on Monday 4/24/2017, and at 10:23 a small area of oil sheen was noticed in a nearby ditch. All oil was contained upstream of oil valving in this area and further clean up was executed.

## HOW RELEASE WAS DISCOVERED (Release Code)

(Check one)

- ☐ Observation of Release at Occurrence  
☒ Visual or Olfactory Evidence  
☐ Soil Contamination  
☐ Groundwater Contamination  
☐ Water Supply Well Contamination  
☐ Surface Water Contamination  
☐ Other (specify)

## SOURCE OF CONTAMINATION

Source of Release

(Check one to indicate primary source)

- ☐ AST (tank)  
☒ AST Piping/ Dispenser  
☐ AST Delivery Problem  
☐ OTR Vehicle Tank  
☐ OTR Bulk Transport Tank  
☐ RR Bulk Transport Tank  
☐ Transformer  
☐ Unknown  
☐ Other

Definitions presented on reverse

Cause of Release

(Check one to indicate primary cause)

- ☐ Spill (Accidental)  
☐ Spill (Intentional)  
☐ Corrosion  
☐ Physical or Mechanical Damage  
☒ Equipment Failure  
☐ AST Overfill  
☐ AST Installation Problem  
☐ Unknown  
☐ Other

Definitions presented on reverse

Type of Release

(Check one)

- ☒ Petroleum  
☐ Both Petroleum & Non-Petroleum

Location  
(Check one)

- ☒ Facility  
☐ Residence  
☐ Highway/Road  
☐ Railway  
☐ Other

Product Type Released

(Check one to indicate primary petroleum product type released)

- ☐ Gasoline/ Diesel/ Kerosene  
☐ E11 – E20  
☐ E21 – E84  
☐ E85 – E99  
☐ Ethanol 100%  
☐ Diesel/Veg. Oil Blend  
☐ Vegetable Oil 100%  
☒ Heating Oil  
☐ Waste Oil  
☐ Mineral Oil-no PCBs  
☐ Mineral Oil-PCBs  
☒ Other Petroleum Products

MIXED SLURRY #4 & #6 OIL

Ownership

1. Municipal 2. Military 3. Unknown 4. Private 5. Federal 6. County 7. State

Operation Type

1. Public Service 2. Agricultural 3. Residential 4. Education/Relig. 5. Industrial 6. Commercial 7. Mining

Guidance presented on reverse

## IMPACT ON DRINKING WATER SUPPLIES

Water Supply Wells Affected?      1. Yes    **2. No**    3. Unknown      Number of Water Supply Wells Affected   N/A  

List of Water Supply Wells Contaminated: *(Include Users Names, Addresses and Phone Numbers. Attach additional sheet if necessary)*

- 1.
- 2.
- 3.

## PARTY RESPONSIBLE FOR RELEASE

*(if the source of the release is not an AST system or if it is an AST system and there is a responsible party other than the AST system owner/ operator)*

Name of Person/Company CAMPBELL SOUP SUPPLY COMPANY		Address 2120 HWY 71 NORTH	
City MAXTON	State NORTH CAROLINA	Zip Code 28364	Telephone Number 910.844.1654

## AST SYSTEM OWNER *(if the source of the release is an AST system)*

AST Owner/Company		Address	
City	State	Zip Code	Telephone Number

## AST SYSTEM OPERATOR *(if the source of the release is an AST system)*

UST Operator/Company		Address	
City	State	Zip Code	Telephone Number

## LANDOWNER AT LOCATION OF INCIDENT

Landowner		Address	
City	State	Zip Code	Telephone Number

**Draw Sketch of Area or Provide Map** *(showing incident site, location of release, two major road intersections, potential receptors)*

*Attach sketch or map to form.*

**Give Directions to Incident Site**    *Attach directions to form if necessary.*

Person Reporting Incident	Company CAMPBELL SOUP SUPPLY COMPANY	Telephone Number 910.844.1654
Title JAMIE COLLINS, ENVIRONMENTAL LEAD	Address 2120 HWY 71 NORTH, MAXTON, NC, 28364	Date 4/24/2017

UST Form 62 (04/10)

Page 2 of 2

### Definitions of Sources

AST (Tank): means the tank is used to store product

AST Piping: means the piping and connectors running from the tank to the dispenser or other end-use equipment

AST Dispenser: includes the dispenser and the equipment used to connect the dispenser to the piping

AST Delivery Problem: identifies releases that occurred during product delivery to the tank.

OTR Vehicle Tank: means the tank is used to store product to fuel an over the road vehicle

OTR Bulk Transport Tank: means a tank that is used to transport product in bulk over the road (by truck)

RR :bulk Transport Tank: means a tank that is used to transport product in bulk by train

Transformer: means electrical transformer

Other: serves as the option to use when the release source is known but does not fit into one of the preceding categories

Unknown: identifies releases for which the source has not been determined

### Definitions of Causes

Spill (Accidental): use this cause when a spill occurs accidentally(e.g., when the delivery hose is disconnected from a fill pipe)

Spill (Intentional): use this cause when a spill occurs intentionally (e.g., intentional dumping or breakage)

Corrosion: use when a metal tank, piping, or other component has a release due to corrosion

Physical or Mechanical Damage: use for all types of physical or mechanical damage, except corrosion

Equipment failure: use when a release occurs due to equipment failure other than corrosion or physical or mechanical damage

AST Overfill: use when an overfill occurs (e.g., overfills may occur from the fill pipe at the tank or when the nozzle fails to shut off at the dispenser)

AST Installation Problem: use when the problem is determined to have occurred specifically because the AST system was not installed properly

Other: use this option when the cause is known but does not fit into one of the preceding categories

Unknown: use when the cause has not been determined

### Guidance: Ownership and Operator Type

Ownership select the category which describes owner of the AST system, bulk transport tank, or other release source

Operator Type select the category which describes the operation in which owner uses the AST system, bulk transport tank, or other release source



ROY COOPER  
*Governor*

MICHAEL S. REGAN  
*Secretary*

MICHAEL SCOTT  
*Director*

July 19, 2017

Campbell Soup Supply Company, LLC  
Attn: Mr. Jamie Collins  
2120 NC Highway 71 North  
Maxton, NC 28364

Re: Notice of No Further Action  
15A NCAC 2L .0106  
Corrective Action

*Campbell Soup Plant (Boiler House)*  
*2120 NC Highway 71 North*  
*Maxton, Robeson County*  
*Incident Number: 90237*  
*Risk Classification: Low*

Dear Mr. Collins:

The Initial Abatement Report received by the UST Section, Division of Waste Management, Fayetteville Regional Office on June 23, 2017, has been reviewed and the information indicates that soil contamination does not equal or exceed the Total Petroleum Hydrocarbon action limits following excavation activities conducted on April 26, 2017.

Based on information provided to date, the UST Section determines that no further action is warranted for this incident. This determination shall apply unless the UST Section later finds that the discharge or release poses an unacceptable risk or a potentially unacceptable risk to human health or the environment.

This No Further Action determination applies only to the subject incident; for any other incidents at the subject site, the responsible party must continue to address contamination as required.

If you have any questions regarding this notice, please contact me at the address or telephone number listed below.

Sincerely,

Kenneth E. Currie, Hydrogeologist  
Fayetteville Regional Office  
UST Section, Division of Waste Management

- c: Mr. Douglas N. Haggett, P.E., Haggett Engineering Associates, Inc., Wilmington, NC *(email copy)*  
Mr. Thomas Ammons, EHC, Inc., Red Springs, NC *(email copy)*  
Mr. Wayne Randolph, Regional Supervisor, NCDEQ-DWM-UST Section *(email copy)*



**North Carolina**  
**Department of Environmental Quality**  
**Underground Storage Tank**  
**UST-10B**

Printed: 7/22/2021 9:52 AM

Inspection Result: Failed

Partial Inspection: No

Inspection Date: 7/21/2021

Arrive and Depart Times: 12:30 PM-1:15 PM

<b>Facility ID:</b>	00-0-0000031119	<b>Inspector</b>	Pamela Harrelson
<b>Facility Name</b>	C & P MINI MART	<b>Insp. Type</b>	Compliance
<b>Facility Address</b>	2199 NC 71 N MAXTON, NC 28364 Robeson County <b>Located facility, USTs onsite</b>	<b>Reason(s)</b>	Routine Compliance
		<b>Location</b>	34.775746, -79.326168
		<b>Permit Exp.</b>	6/30/2022
<b>Facility Phone</b>	(910) 844-9434		

**CONTACTS**

Contact Type	Contact Information
Owner Auth Rep since 8/21/2019	ADAM OBAID, 5205 LIVE OAK LANE LUMBERTON, NC 28358, Phone: (910) 740-1991, Email: ADAMOBAID@YAHOO.COM
Multi-owner since 8/21/2019	ADAMS RENTALS OF NC, LLC , 5205 LIVE OAK LANE LUMBERTON, NC 28358, Phone: (910) 484-5972
Multi-owner since 8/21/2019	ZACK INVESTMENTS LLC , 2199 NORTH HIGHWAY MAXTON, NC 28364, Phone: (910) 316-7475, Email: ADAMOBAID@YAHOO.COM
Owner Auth Rep since 8/21/2019	ZACKARIYA ALSAIDI, 1482 HWY 71 N MAXTON, NC 28364, Phone: (910) 258-7623

**OWNERSHIP CHANGE**

New Owner	Change Date	Basis	Transfer of Ownership Form (UST-15) Submitted
No			

**EMERGENCY RESPONSE**

Emergency response placard with emergency response operator contact information is posted in the dispensing areas if the dispensers are left on without an attendant present?	N/A
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**OTHER PARTICIPANTS**

Name	Organization
HUNTER EVANS	EVANS ENVIRONMENTAL

**INSPECTOR COMMENTS**

Type	Date	Comment

**ADDITIONAL INSPECTOR COMMENTS**

**TANKS AND PIPING INFORMATION**

Tanks	Tank #1(Diesel)	Tank #2(Kerosene)	Tank #3(Premium)	Tank #4(Regular 1)
<b>Tank ID</b>	Diesel	Kerosene	Premium	Regular 1
<b>TIMS Tank ID</b>	4	5	3	1
<b>Is tank registered?</b>	Yes	Yes	Yes	Yes
<b>Date tank installed</b>	9/21/1989	9/21/1989	9/21/1989	9/21/1989
<b>Capacity of Tank in Gallons</b>	10000	4000	6000	6000
<b>Is tank regulated</b>	Yes	Yes	Yes	Yes
<b>Diameter (Inches)</b>				
<b>Tank / Product use</b>	Motor Fuel	Motor Fuel	Motor Fuel	Motor Fuel

Tanks	Tank #1(Diesel)	Tank #2(Kerosene)	Tank #3(Premium)	Tank #4(Regular 1)
Product stored in Tank	Diesel	Kerosene, Kero Mix	Gasoline, Gas Mix	Gasoline, Gas Mix
Product Detail	BLANK	BLANK	Premium	Regular
If hazardous substance, CAS# or description				
If other, description				
Tank status	Current	Current	Current	Current
Tank closure report submitted				
Date tank last operated				
Inches of product in Tank				
Compartment tank	No	No	No	No
Other compartment(s)				
Base compartment				
Manifolded tank	No	No	No	No
Manifolded with tank(s)				
Master manifold tank				
New Tank System installed in accordance with NC or MI	Yes	Yes	Yes	Yes
Tank Construction Material (DW required after 11/1/07)	Single Wall Steel/FRP	Single Wall Steel/FRP	Single Wall Steel/FRP	Single Wall Steel/FRP
If other, description				
Tank Manufacturer/Model	Modern Welding: ACT-100U (SW)	Modern Welding: ACT-100U (SW)	Modern Welding: ACT-100U (SW)	Modern Welding: ACT-100U (SW)
If other, describe				
Tank material verified by	Invoice	Invoice	Invoice	Invoice
Date Pipe Installed	9/21/1989	9/21/1989	9/21/1989	9/21/1989
Was UST Piping Installed on or after 11/1/2007?	No	No	No	No
Piping Construction Material (DW required after 11/1/07)	Single Wall FRP	Single Wall FRP	Single Wall FRP	Single Wall FRP
If other, description				
Pipe Manufacturer/Model	Smith Fibercast: Red Thread IIA	Smith Fibercast: Red Thread IIA	Smith Fibercast: Red Thread IIA	Smith Fibercast: Red Thread IIA
If other, describe				
Pipe material verified by	Visual	Visual	Visual	Visual
If E-blend > 10% or Biodiesel Blend > 20%; Was UST-20 completed and approved?	N/A	N/A	N/A	N/A

Tanks	Tank #5(Regular 2)			
Tank ID	Regular 2			
TIMS Tank ID	2			
Is tank registered?	Yes			
Date tank installed	9/21/1989			
Capacity of Tank in Gallons	6000			
Is tank regulated	Yes			
Diameter (Inches)				
Tank / Product use	Motor Fuel			
Product stored in Tank	Gasoline, Gas Mix			
Product Detail	Regular			

Tanks	Tank #5(Regular 2)			
If hazardous substance, CAS# or description				
If other, description				
Tank status	Current			
Tank closure report submitted				
Date tank last operated				
Inches of product in Tank				
Compartment tank	No			
Other compartment(s)				
Base compartment				
Manifolded tank	No			
Manifolded with tank(s)				
Master manifold tank				
New Tank System installed in accordance with NC or MI	Yes			
Tank Construction Material (DW required after 11/1/07)	Single Wall Steel/FRP			
If other, description				
Tank Manufacturer/Model	Modern Welding: ACT-100U (SW)			
If other, describe				
Tank material verified by	Invoice			
Date Pipe Installed	9/21/1989			
Was UST Piping Installed on or after 11/1/2007?	No			
Piping Construction Material (DW required after 11/1/07)	Single Wall FRP			
If other, description				
Pipe Manufacturer/Model	Smith Fibercast: Red Thread IIA			
If other, describe				
Pipe material verified by	Visual			
If E-blend > 10% or Biodiesel Blend > 20%; Was UST-20 completed and approved?	N/A			

## CORROSION PROTECTION

Tank Corrosion Protection	Tank #1(Diesel)	Tank #2(Kerosene)	Tank #3(Premium )	Tank #4(Regular 1)
DWM notified of current CP method	Yes	Yes	Yes	Yes
Integrity assessment performed after 3/1/06	No	No	No	No
CP Method 1	Steel/FRP Composite	Steel/FRP Composite	Steel/FRP Composite	Steel/FRP Composite
if other, Description				
CP Installation Date	9/21/1989	9/21/1988	9/21/1989	9/21/1989
CP Method 2				
if other, Description				
CP Installation Date				

Tank Corrosion Protection	Tank #1(Diesel)	Tank #2(Kerosene)	Tank #3(Premium)	Tank #4(Regular 1)
Flex Connector , Piping Extensions, and/or other metal fittings Present	Flex Connector, Elbow, Ball Valve	Flex Connector, Elbow	Flex Connector, Elbow, Ball Valve	Flex Connector, Elbow, Ball Valve
Flex connector isolated from ground	Yes	Yes	Yes	Yes
Source of verification of CP for Flex Connectors, piping extensions and/or other metal fittings	Visual	Visual	Visual	Visual
if other, Description				
Submersible pump (STP) is isolated from ground	Yes	Yes	Yes	Yes
Piping extensions and/or other metal fittings are isolated from ground	Yes	Yes	Yes	Yes
Flex connector, STP and/or other metal fittings protected from corrosion	N/A	N/A	N/A	N/A
Corrosion protection method	Isolated	Isolated	Isolated	Isolated
Flex connector , Piping extensions, and/or other metal fittings CP Installation Date				
Dielectric Coating Installed (If tank installed after 12/22/88)	Yes	N/A	Yes	Yes

Tank Corrosion Protection	Tank #5(Regular 2)			
DWM notified of current CP method	Yes			
Integrity assessment performed after 3/1/06	No			
CP Method 1	Steel/FRP Composite			
if other, Description				
CP Installation Date	9/21/1989			
CP Method 2				
if other, Description				
CP Installation Date				
Flex Connector , Piping Extensions, and/or other metal fittings Present	Flex Connector, Elbow, Ball Valve			
Flex connector isolated from ground	Yes			
Source of verification of CP for Flex Connectors, piping extensions and/or other metal fittings	Visual			
if other, Description				
Submersible pump (STP) is isolated from ground	Yes			
Piping extensions and/or other metal fittings are isolated from ground	Yes			
Flex connector, STP and/or other metal fittings protected from corrosion	N/A			
Corrosion protection method	Isolated			
Flex connector , Piping extensions, and/or other metal fittings CP Installation Date				
Dielectric Coating Installed (If tank installed after 12/22/88)	Yes			

Pipe Corrosion Protection	Tank #1(Diesel)	Tank #2(Kerosene)	Tank #3(Premium)	Tank #4(Regular 1)
DWM notified of current CP method	Yes	Yes	Yes	Yes



Pipe Corrosion Protection	Tank #1(Diesel)	Tank #2(Kerosene)	Tank #3(Premium)	Tank #4(Regular 1)
CP method	FRP Piping	FRP Piping	FRP Piping	FRP Piping
if other, Description				
CP Installation Date	9/21/1989	9/21/1988	9/21/1989	9/21/1989
Dielectric Coating Installed (If piping installed after 12/22/88)	N/A	N/A	N/A	N/A

Pipe Corrosion Protection	Tank #5(Regular 2)			
DWM notified of current CP method	Yes			
CP method	FRP Piping			
if other, Description				
CP Installation Date	9/21/1989			
Dielectric Coating Installed (If piping installed after 12/22/88)	N/A			

Dispenser Corrosion Protection	Dispenser #1(1/2)	Dispenser #2(D1)	Dispenser #3(D2)	Dispenser #4(3/4)
Flex Connector , Piping Extensions, and/or other metal fittings Present	Flex Connector, Elbow	Other Metal	Other Metal	Flex Connector, Elbow
Flex connector isolated from ground	Yes	N/A	N/A	Yes
Source of verification of CP for Flex Connectors, piping extensions and/or other metal fittings	Visual	Visual	Visual	Visual
if other, Description				
Piping extensions and/or other metal fittings are isolated from ground	Yes	Yes	Yes	Yes
Flex Connectors, Piping extensions and/or other metal fittings protected from corrosion	N/A			N/A
Corrosion protection method	Isolated	Isolated	Isolated	Isolated
Flex connector, Piping extensions, and/or other metal fittings CP Installation Date		9/21/1989	9/21/1989	
Source of Information for verification of corrosion protection for Riser pipe and other metal piping	Visual	Visual	Visual	Visual
if other, Description				

Dispenser Corrosion Protection	Dispenser #5(Kerosene)			
Flex Connector , Piping Extensions, and/or other metal fittings Present	Flex Connector, Elbow			
Flex connector isolated from ground	Yes			
Source of verification of CP for Flex Connectors, piping extensions and/or other metal fittings	Visual			
if other, Description				
Piping extensions and/or other metal fittings are isolated from ground	Yes			
Flex Connectors, Piping extensions and/or other metal fittings protected from corrosion	N/A			
Corrosion protection method	Isolated			

Dispenser Corrosion Protection	Dispenser #5(Kerosene)			
Flex connector, Piping extensions, and/or other metal fittings CP Installation Date				
Source of Information for verification of corrosion protection for Riser pipe and other metal piping	Visual			
if other, Description				

CP Conclusions	
CP Requirements Met?	Yes
Issues	

## SPILL PREVENTION

Has DWM been notified of spill methods?	Yes
---	-----

Spill/Overfill Details	Tank #1(Diesel)	Tank #2(Kerosene )	Tank #3(Premium)	Tank #4(Regular 1)
Is a drop tube present?	Yes	Yes	Yes	Yes
Type of Stage I vapor recovery?	Not Required	Not Required	Coaxial	Coaxial

Spill/Overfill Details	Tank #5(Regular 2)			
Is a drop tube present?	Yes			
Type of Stage I vapor recovery?	Coaxial			

Local Fill	Tank #1(Diesel)	Tank #2(Kerosene )	Tank #3(Premium)	Tank #4(Regular 1)
Does Tank have a Second Fill?	No	No	No	No
Spill Protection	Catchment Basin	Catchment Basin	Catchment Basin	Catchment Basin
Is spill prevention equipment provided and verified?	Yes	Yes	Yes	Yes
Manufacturer/Model	Universal Valve: 70C-XXXX-XX Series (SW)	Universal Valve: 70C-XXXX-XX Series (SW)	Universal Valve: 70C-XXXX-XX Series (SW)	Universal Valve: 70C-XXXX-XX Series (SW)
If other, describe				
Spill bucket is double-walled?	N/A	N/A	N/A	N/A
Monitoring Type (UST-6B)				
Is spill bucket interstice monitored every 30 days? (If installed before 11/1/07)				
Spill bucket is isolated or made of non-corroding materials? (If installed after 11/1/07)	N/A	N/A	N/A	N/A
Date spill prevention provided	9/21/1989	9/21/1989	9/21/1989	9/21/1989
Last 12 monthly spill bucket checks completed and all deficiencies corrected (UST-27)?	Yes	Yes	Yes	Yes
Is spill prevention operating properly?				
If No, select all that apply				

Local Fill	Tank #1(Diesel)	Tank #2(Kerosene )	Tank #3(Premium)	Tank #4(Regular 1)
If other, describe				
O&M walkthrough inspection completed in accordance with national standard (e.g. PEI RP 900) (UST-27)?	Yes	Yes	Yes	Yes
3 Year Tightness Test Date (UST-6D/23A)				
Primary Tightness Test Result (UST-6D/23A)				
Secondary Tightness Test Result (UST-6D/23A)				
Tightness Testing done in accordance with a standard?				

Local Fill	Tank #5(Regular 2)			
Does Tank have a Second Fill?	No			
Spill Protection	Catchment Basin			
Is spill prevention equipment provided and verified?	Yes			
Manufacturer/Model	Universal Valve: 70C-XXXX-XX Series (SW)			
If other, describe				
Spill bucket is double-walled?	N/A			
Monitoring Type (UST-6B)				
Is spill bucket interstice monitored every 30 days? (If installed before 11/1/07)				
Spill bucket is isolated or made of non-corroding materials? (If installed after 11/1/07)	N/A			
Date spill prevention provided	9/21/1989			
Last 12 monthly spill bucket checks completed and all deficiencies corrected (UST-27)?	Yes			
Is spill prevention operating properly?				
If No, select all that apply				
If other, describe				
O&M walkthrough inspection completed in accordance with national standard (e.g. PEI RP 900) (UST-27)?	Yes			
3 Year Tightness Test Date (UST-6D/23A)				
Primary Tightness Test Result (UST-6D/23A)				
Secondary Tightness Test Result (UST-6D/23A)				
Tightness Testing done in accordance with a standard?				

## OVERFILL PREVENTION

Has DWM been notified of overfill methods?	Yes
--	-----

Overfill Control	Tank #1(Diesel)	Tank #2(Kerosene)	Tank #3(Premium)	Tank #4(Regular 1)
Is overfill prevention equipment provided and verified?	Yes	Yes	Yes	Yes
Date overfill control provided	9/21/1989	9/21/1989	9/21/1989	9/21/1989
Type of overfill equipment	Auto Shutoff Device	Auto Shutoff Device	Auto Shutoff Device	Auto Shutoff Device
Source of information for overfill control verification	Visual observation	Visual observation	Visual observation	Visual observation
If other, describe				
Manufacturer/Model	OPW: 61SO Series (FV)	OPW: 61SO Series (FV)	OPW: 61SO Series (FV)	OPW: 61SO Series (FV)
If other, describe				
Is overfill control operating properly?				
If No, select all that apply				
If other, describe				
Overfill check date (UST-22A)				
Overfill check result (UST-22A)				
Capacity of Tank in Gallons	10000	4000	6000	6000
Diameter (Inches)				

Overfill Control	Tank #5(Regular 2)			
Is overfill prevention equipment provided and verified?	Yes			
Date overfill control provided	9/21/1989			
Type of overfill equipment	Auto Shutoff Device			
Source of information for overfill control verification	Visual observation			
If other, describe				
Manufacturer/Model	OPW: 61SO Series (FV)			
If other, describe				
Is overfill control operating properly?				
If No, select all that apply				
If other, describe				
Overfill check date (UST-22A)				
Overfill check result (UST-22A)				
Capacity of Tank in Gallons	6000			
Diameter (Inches)				

Dispenser Sumps	Dispenser #1(1/2)	Dispenser #2(D1)	Dispenser #3(D2)	Dispenser #4(3/4)
Are containment sumps present?	Yes	Yes	Yes	Yes
Installation Date	9/21/1989	9/21/1989	9/21/1989	9/21/1989
Sump Manufacturer	OPW:	Unknown	Unknown	OPW:
If Other (Specify)				
Sump Construction Type	Single Walled	Single Walled	Single Walled	Single Walled
Sump Construction Material	Plastic	Plastic	Plastic	Plastic
If Other (Specify)				
Are containment sumps monitored?	No	No	No	No
Is monitoring required per 2N .0900?	No	No	No	No
Piping components and/or STP were installed/replaced on or after 11/1/07?	No	No	No	No
Are spills or small weeps evident in sumps?	No	No	No	No

Dispenser Sumps	Dispenser #1(1/2)	Dispenser #2(D1)	Dispenser #3(D2)	Dispenser #4(3/4)
Are single wall piping components located in containment sump? (If installed after 11/1/07)				
UDC Visual Inspection Date (annually)(UST-22C)				
UDC Visual Inspection Results (UST-22C)				
Annual containment sump check completed in accordance with national standard (e.g. PEI RP 900)?				

Dispenser Sumps	Dispenser #5(Kerosene )			
Are containment sumps present?	Yes			
Installation Date	9/21/1989			
Sump Manufacturer	Unknown			
If Other (Specify)				
Sump Construction Type	Single Walled			
Sump Construction Material	Plastic			
If Other (Specify)				
Are containment sumps monitored?	No			
Is monitoring required per 2N .0900?	No			
Piping components and/or STP were installed/replaced on or after 11/1/07?	No			
Are spills or small weeps evident in sumps?	No			
Are single wall piping components located in containment sump? (If installed after 11/1/07)				
UDC Visual Inspection Date (annually)(UST-22C)				
UDC Visual Inspection Results (UST-22C)				
Annual containment sump check completed in accordance with national standard (e.g. PEI RP 900)?				

Other Sumps	Sump#1(Diesel STP)	Sump#2(Premium STP)	Sump#3(Regular 1 STP)	Sump#4(Regular 2 STP)
Are containment sumps present?	Yes	Yes	Yes	Yes
Installation Date	9/21/1989	9/21/1989	9/21/1989	9/21/1989
Sump Manufacturer	OPW:	OPW:	OPW:	OPW:
If Other (Specify)				
Sump Construction Type	Single Walled	Single Walled	Single Walled	Single Walled
Sump Construction Material	Plastic	Plastic	Plastic	Plastic
If Other (Specify)				
Are containment sumps monitored?	No	No	No	No
Is monitoring required per 2N .0900?	No	No	No	No
Piping components and/or STP were installed/replaced on or after 11/1/07?	No	No	No	No
Are spills or small weeps evident in sumps?				
Are single wall piping components located in containment sump? (If installed after 11/1/07)				
Sump Visual Inspection Date (annually) (UST-22C)				

Other Sumps	Sump#1(Diesel STP)	Sump#2(Premium STP)	Sump#3(Regular 1 STP)	Sump#4(Regular 2 STP)
Sump Visual Inspection Results (UST-22C)				
Annual containment sump check completed in accordance with national standard (e.g. PEI RP 900)?				

## SITING AND SECONDARY CONTAINMENT

Siting And Sec.Containment-General	Tank #1(Diesel)	Tank #2(Kerosene)	Tank #3(Premium)	Tank #4(Regular 1)
UST system upgraded with corrosion protection, spill and overfill before 1/1/91?	Yes	Yes	Yes	Yes
UST system and/or piping are located within siting and secondary containment areas?	No	No	No	No

Siting And Sec.Containment-General	Tank #5(Regular 2)			
UST system upgraded with corrosion protection, spill and overfill before 1/1/91?	Yes			
UST system and/or piping are located within siting and secondary containment areas?	No			

## LEAK DETECTION

General	Tank #1(Diesel)	Tank #2(Kerosene)	Tank #3(Premium)	Tank #4(Regular 1)
DWM notified of leak detection method?	Yes	Yes	Yes	Yes
Piping Type				
Piping type	Pressurized System	European Suction	Pressurized System	Pressurized System
if other, specify				
Suction check type		Dispenser		
Type LLD present.	MLLD	Not Required	MLLD	MLLD
Tank Release Detection				
Primary leak detection method	Automatic Tank Gauging	Automatic Tank Gauging	Automatic Tank Gauging	Automatic Tank Gauging
if other, specify				
Primary LD install date	9/21/1989	9/21/1989	9/21/1989	9/21/1989
Secondary leak detection method				
if other, specify				
Piping Release Detection				
Primary leak detection method	Line Tightness Testing (LTT)	Exempt (European Style)	Line Tightness Testing (LTT)	Line Tightness Testing (LTT)
if other, specify				
Primary LD install date	9/21/1989	9/21/1989	9/21/1989	9/21/1989
Secondary leak detection method				
if other, specify				
Equipment Checks				
Last 12 monthly RD equipment checks completed and all deficiencies corrected (UST-27)?	Yes	Yes	Yes	Yes

General	Tank #1(Diesel)	Tank #2(Kerosene)	Tank #3(Premium)	Tank #4(Regular 1)
if no, select all that apply				
Annual RD equipment operability check result (UST-22B)				
if Fail, select all that apply				
Annual RD equipment operability check date (UST-22B)				
RD equipment checks completed per national standard (e.g. PEI RP 900/1200) (UST-22B/27)?				

General	Tank #5(Regular 2)			
DWM notified of leak detection method?	Yes			
Piping Type				
Piping type	Pressurized System			
if other, specify				
Suction check type				
Type LLD present.	MLLD			
Tank Release Detection				
Primary leak detection method	Automatic Tank Gauging			
if other, specify				
Primary LD install date	9/21/1989			
Secondary leak detection method				
if other, specify				
Piping Release Detection				
Primary leak detection method	Line Tightness Testing (LTT)			
if other, specify				
Primary LD install date	9/21/1989			
Secondary leak detection method				
if other, specify				
Equipment Checks				
Last 12 monthly RD equipment checks completed and all deficiencies corrected (UST-27)?	Yes			
if no, select all that apply				
Annual RD equipment operability check result (UST-22B)				
if Fail, select all that apply				
Annual RD equipment operability check date (UST-22B)				
RD equipment checks completed per national standard (e.g. PEI RP 900/1200) (UST-22B/27)?				

## PIPING LEAK DETECTION

Pressurized Piping	Tank #1(Diesel)	Tank #3(Premium)	Tank #4(Regular 1)	Tank #5(Regular 2)
Last MLLD/ELLD Test Date				
MLLD/ELLD Test Result				
Last LTT Test Date				
LTT Test Result				
Does test result indicate suspected release?	No	No	No	No
Number of MLLD/ELLD Types	1	1	1	1



MLLD/ELLD Equipment	Tank #1(Diesel) LLD #1	Tank #3(Premium) LLD #1	Tank #4(Regular 1) LLD #1	Tank #5(Regular 2) LLD #1
MLLD/ELLD Manufacturer/Model	Red Jacket: FX1DV	V-R/RJ: FX1V (M)	V-R/RJ: FX1V (M)	V-R/RJ: FX1V (M)
If other, describe				
MLLD/ELLD Third Party Certified?	Yes	Yes	Yes	Yes

MLLD/ELLD Testers	MLLD/ELLD Tester #1
MLLD/ELLD Tester Name	
MLLD/ELLD Testing Company Name	
MLLD/ELLD Testing Company Phone Number	

Pressurized Piping LTT	LTT #1
LTT Manufacturer/Method	
If other, describe	
LTT Third Party Certified?	

Pressurized Piping LTT Tester	LTT Tester #1
LTT Tester Name	
LTT Testing Company Name	
LTT Testing Company Phone Number	

European Suction	Tank #2(Kerosene)
Requirements for European suction piping verified?	Yes
Source of information for European Suction verification.	UST-19
If other, specify	

**AUTOMATIC TANK GAUGE**

ATG Systems	ATG #1
ATG Manufacturer/Model	V-R: TLS-350 CSLD
If other, describe	
ATG Third Party Certified?	Yes
Is ATG console operational?	
Tanks	#1(Diesel), #2(Kerosene), #3(Premium), #4(Regular 1), #5(Regular 2)

ATG Monthly LD	Tank #1(Diesel)	Tank #2(Kerosene)	Tank #3(Premium)	Tank #4(Regular 1)
2021 Jul				
2021 Jun				
2021 May				
2021 Apr				
2021 Mar				
2021 Feb				
2021 Jan				
2020 Dec				
2020 Nov				
2020 Oct				
2020 Sep				

ATG Monthly LD	Tank #1(Diesel)	Tank #2(Kerosene)	Tank #3(Premium)	Tank #4(Regular 1)
2020 Aug				

ATG Monthly LD	Tank #5(Regular 2)			
2021 Jul				
2021 Jun				
2021 May				
2021 Apr				
2021 Mar				
2021 Feb				
2021 Jan				
2020 Dec				
2020 Nov				
2020 Oct				
2020 Sep				
2020 Aug				

ATG Conclusions	
Leak Detection Requirements Met?	
Do the results indicate a suspected release?	
Issues	

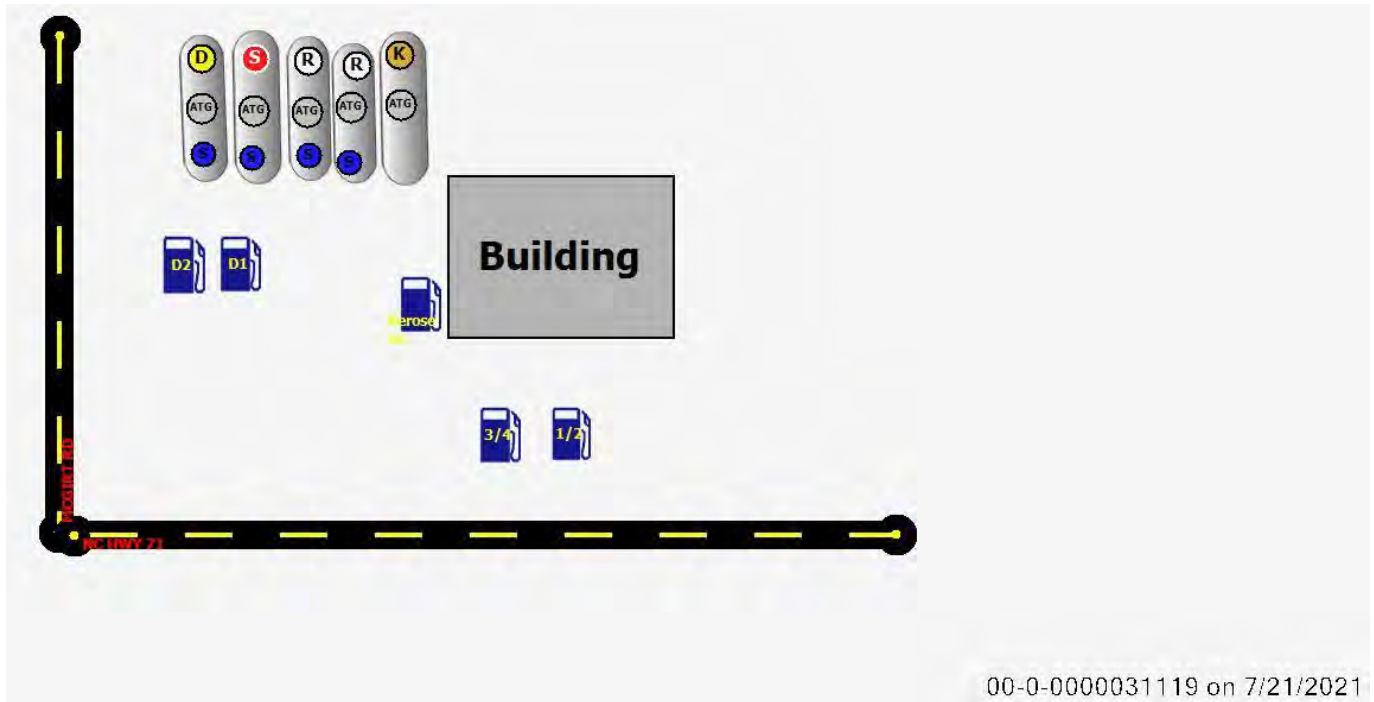
## REPAIRS

Repairs	
Any Repair Issues?	
Issues	

Delivery Information	Tank #1(Diesel)	Tank #2(Kerosene)	Tank #3(Premium)	Tank #4(Regular 1)
All deliveries made to permitted tanks	Yes	Yes	Yes	Yes

Delivery Information	Tank #5(Regular 2)			
All deliveries made to permitted tanks	Yes			

## SITE DIAGRAM 1



(GW/UST-2)

# Site Investigation Report For Permanent Closure or Change-in-Service of U.S.T.

FOR  
TANKS  
IN  
NC

Return Completed Form To:  
The appropriate DEM Regional Office according to the county of the facility's location.  
[SEE MAP ON REVERSE SIDE OF OWNER'S COPY (PINK) FOR REGIONAL  
OFFICE ADDRESS].

State Use Only

I.D. Number \_\_\_\_\_

Date Received \_\_\_\_\_

## INSTRUCTIONS

Complete and return within (30) days following completion of site investigation.

### I. Ownership of Tank(s)

Owner Name (Corporation, Individual, Public Agency, or Other Entity)  
Campbell Soup Co.  
Box 98  
Street Address  
Robeson  
County  
Maxton N.C. 28364  
City 919-844-5631 Zip Code  
Area Code Telephone Number

### II. Location of Tank(s)

Facility Name or Company  
Campbell Soup Co.  
Facility ID # (if available)  
NA  
Street Address or State Road  
Robeson Maxton 28364  
County City 919 844-5631 Zip Code  
Area Code Telephone Number

### III. Contact Person

Name Mr. Jeff Nord Job Title Assistant Purchasing Agent Telephone No. (Area Code) 919-844-5631 Ext 226  
Closure Contractor (Name) Environmental Hydrogeological Consultants (Address) 919-843-4456  
Lab (Name) Specialized Assays Environmental (Address) Nashville, TN Telephone No. (Area Code) 726-0177

### IV. U.S.T. Information

### V. Excavation Condition

### VI. Additional Information Required

Tank No.	Size in Gallons	Tank Dimensions	Last Contents	Water in Excavation		Free Product		Notable Odor or Visible Soil Contamination	
				Yes	No	Yes	No	Yes	No
	500	48" x 72"	Diesel		✓		✓	✓	

See reverse side of pink copy (owner's copy) for additional information required by N.C. - DEM in the written report and sketch.

**RECEIVED**  
AUG 11 1993  
ENV. MANAGEMENT  
FAYETTEVILLE REG. OFF.

### VII. Check List

Check the activities completed.

- ☒ Contact local fire marshal
  - ☒ Notify DEM Regional Office before abandonment
  - ☒ Drain & flush piping into tank
  - ☒ Remove all product and residuals from tank
  - ☒ Excavate down to tank
  - ☒ Clean and inspect tank
  - ☒ Remove drop tube, fill pipe, gauge pipe, vapor recovery tank connections, submersible pumps and other tank fixtures.
  - ☒ Cap or plug all lines except the vent and fill lines.
  - ☒ Purge tank of all product & flammable vapors.
  - ☒ Cut one or more large holes in the tanks.
  - ☒ Backfill the area.
- Date Tank(s) Permanently closed: 7-6-93  
Date of Change-in-Service: \_\_\_\_\_

- ABANDONMENT IN PLACE**
- ☐ Fill tank until material overflows tank opening;
  - ☐ Plug or cap all openings;
  - ☐ Disconnect and cap or remove vent line
  - ☐ Solid inert material used - specify: \_\_\_\_\_

- REMOVAL**
- ☒ Create vent hole
  - ☒ Label tank
  - ☒ Dispose of tank in approved manner
- Final tank destination: MMM Tank Disposal - La Grange N.C.

### VIII. Certification (Read and Sign)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Print name and official title of owner or owner's authorized representative

D.S. Krupinski Plant Manager

Signature

*[Signature]*

Date Signed

7-24-93

State of North Carolina  
Department of Environment,  
Health and Natural Resources  
Fayetteville Regional Office

James B. Hunt, Jr., Governor  
Jonathan B. Howes, Secretary  
Andrew McCall, Regional Manager



DIVISION OF ENVIRONMENTAL MANAGEMENT

August 16, 1993

Mr. Jeff Nord  
Assistant Purchasing Manager  
Campbell Soup Company  
P.O. Box 98  
Maxton, NC 28364

SUBJECT: Review of Lab Results  
UST Soil Assessment  
Campbell Soup Company  
Highway 71  
Maxton, Robeson County

Dear Mr. Nord:

This is to acknowledge receipt of the above mentioned soil assessment dated July 24, 1993, and received August 11, 1993.

Based on review of the lab results, no additional soil excavation and removal is required. Should new information become available concerning this matter, we reserve the right to reverse this finding.

Should you have any questions or need clarification, please contact Cindy of this office at (919) 486-1541.

Sincerely,

Cynthia A. Hegg  
Hydrogeological Technician

CAH  
CAH/zlc



**Maxton SLS No. 11 2074 NC Hwy 71N**

January 1993

Source: USGS

Legend



Google Earth

Image U.S. Geological Survey



700 ft



**Maxton SLS No. 11 2074 NC Hwy 71N**

February 1999  
Source: USGS

Legend





**Maxton SLS No. 11 2074 NC Hwy 71N**

October 2005  
Source: Google Earth

Legend





# Maxton SLS No. 11 2074 NC Hwy 71N

October 2008  
Source: Google Earth

Legend





# Maxton SLS No. 11 2074 NC Hwy 71N

May 2013  
Source: Google Earth

Legend

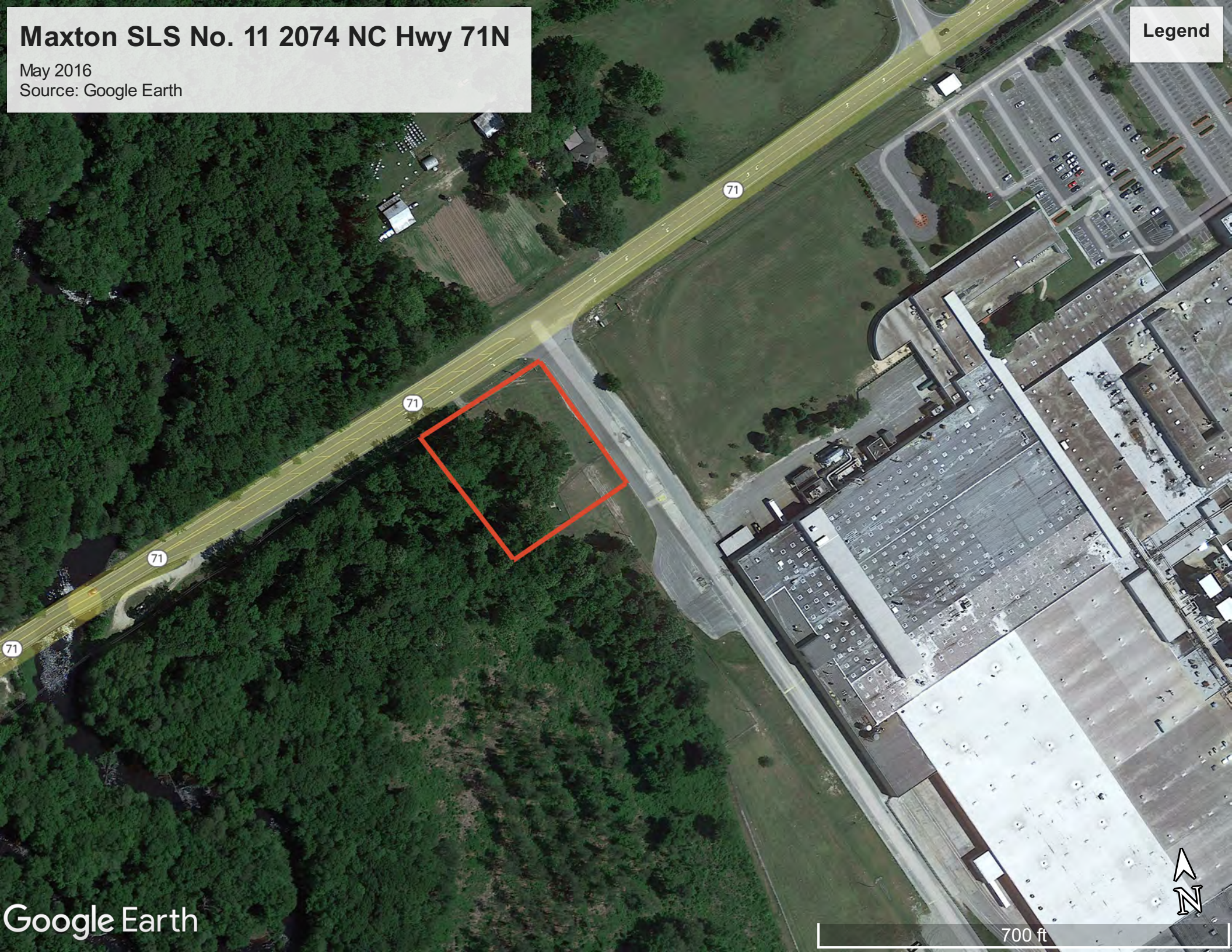




Maxton SLS No. 11 2074 NC Hwy 71N

May 2016  
Source: Google Earth

Legend

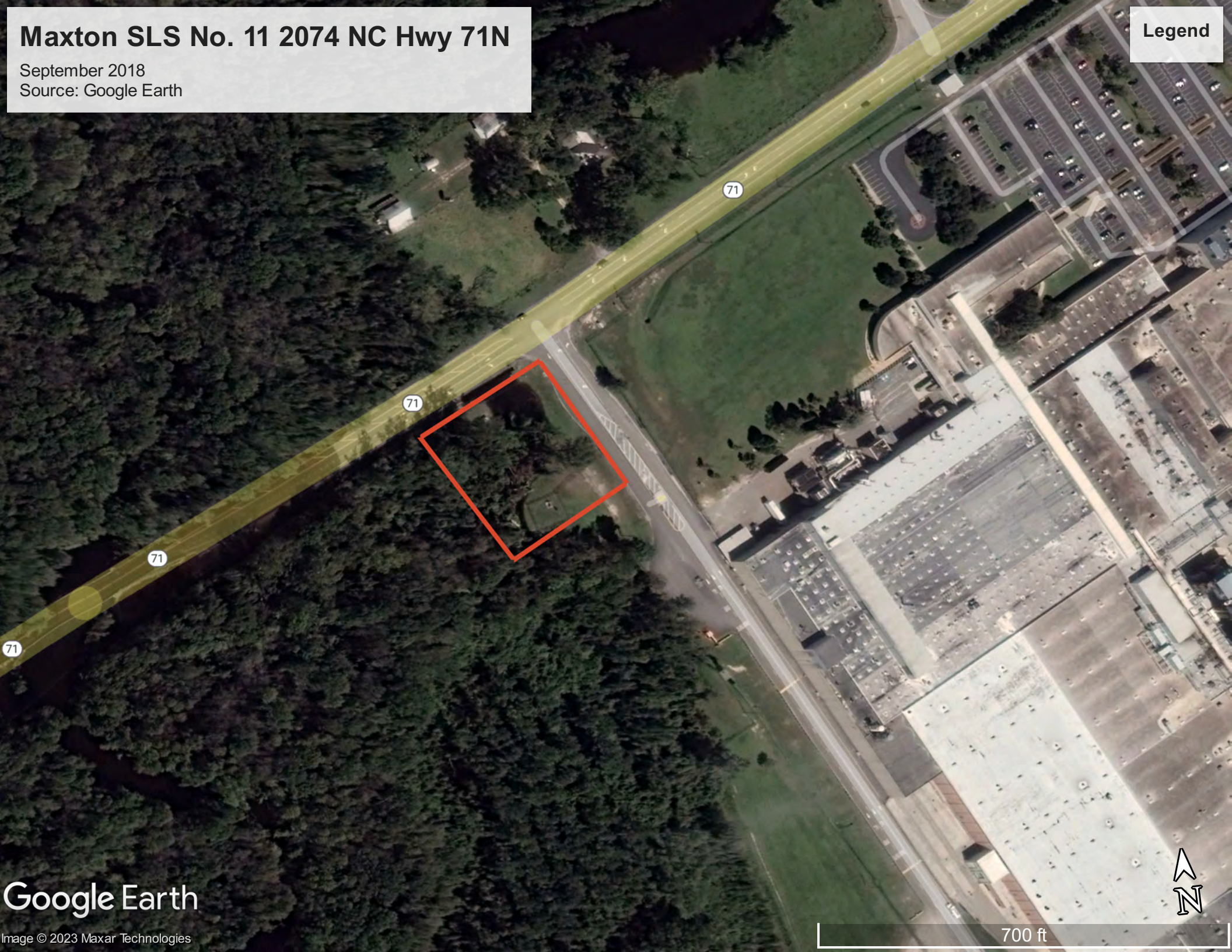




# Maxton SLS No. 11 2074 NC Hwy 71N

September 2018  
Source: Google Earth

Legend





## **ATTACHMENT 8:**

### **Endangered Species**

USFWS Raleigh FO 10-step Project Review  
Package and USFWS and NCORR  
Correspondence

## Gievers, Andrea

---

**From:** Gievers, Andrea  
**Sent:** Tuesday, January 31, 2023 2:20 PM  
**To:** Raleigh@fws.gov  
**Cc:** leigh\_mann@fws.gov  
**Subject:** Self Certification - Town of Maxton Sewer Lift Station Generators Project  
**Attachments:** NCORR USFWS Self-Certification Maxton SLS Generators pkg 1.31.23.pdf

Hello:

Please accept the *Town of Maxton Sewer Lift Station Generators Project* 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 Infrastructure Recovery Program project. The proposed project location is at four existing sewer lift stations in Maxton, Robeson County, NC 28364. During the Hurricane Matthew storm event, the Town of Maxton lost primary power for an extended time, which adversely impacted the Town's ability to maintain its sewage treatment facility and peripheral sewer lift stations. The loss of sewage treatment capacity caused an immediate threat to the health and safety of the Town's residents. This proposed project will utilize CDBG-DR funding to purchase and install auxiliary power generators at four (4) sewer lift stations which move raw sewage from neighborhoods in the Town to the central processing facility, and will mitigate against potential backups and lack of capacity during future storm events.

The proposed project will involve the purchase and installation of four (4) generator packages, to include integrated diesel fuel tanks, automatic transfer switching, wiring connections, electrical panels, mounting pads, and the generators. The proposed project will occur at four existing sewer lift stations that are regularly maintained and mowed. There is no vegetation (other than grass) or tree removal anticipated as most of the work will be conducted within the fenced-in areas on the Subject Properties. SLS No.7 is the only site where the existing fence will be extended to accommodate the generator placement on the western side of the current fence line. The proposed project activities will be completed in accordance with all applicable federal, State, and local laws, regulations, and permit requirements and conditions. 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](mailto:Andrea.L.Gievers@Rebuild.NC.Gov)  
(845) 682-1700





# North Carolina Department of Public Safety

## Office of Recovery and Resiliency

Roy Cooper, Governor  
Eddie M. Buffaloe, Jr., Secretary

Laura H. Hogshead, Director

January 31, 2023

Mr. John Ellis  
U.S. Fish and Wildlife Service  
Raleigh ES Field Office  
P.O. Box 33726  
Raleigh, NC 27636-3726

Sent Via Email: [Raleigh@fws.gov](mailto:Raleigh@fws.gov)  
[Leigh\\_Mann@fws.gov](mailto:Leigh_Mann@fws.gov)

RE: Section 7 Project Review - No Effect Determination  
NCORR - HUD CDBG-DR Program  
Town of Maxton Sewer Lift Station Generators  
Four Sewer Lift Stations  
Maxton, NC 28364

Dear Mr. Ellis:

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 proposed Infrastructure Recovery Program project, the Town of Maxton Sewer Lift Station Generators Project (proposed project) located at four, existing sewer lift stations in Maxton, Robeson County, NC 28364. The State of North Carolina was adversely impacted by the landfall of Hurricanes Matthew (October 8, 2016) and Florence (September 14, 2018). During the Hurricane Matthew storm event, the Town of Maxton lost primary power for an extended time, which adversely impacted the Town's ability to maintain its sewage treatment facility and peripheral sewer lift stations. The loss of sewage treatment capacity caused an immediately threat to the health and safety of the Town's residents. This proposed project will utilize CDBG-DR funding to install auxiliary power generators at four (4) sewer lift stations which move raw sewage from neighborhoods in the Town to the central processing facility, and will mitigate against potential backups and lack of capacity during future storm events. Therefore, funding for the proposed

**Mailing Address:**  
Post Office Box 110465  
Durham, NC 27709



NORTH CAROLINA OFFICE OF RECOVERY AND RESILIENCY

*An Equal Opportunity Employer*

**Phone: (984) 833-5350**  
[www.ncdps.gov](http://www.ncdps.gov)  
[www.rebuild.nc.gov](http://www.rebuild.nc.gov)

project will be provided in part by the HUD CDBG-DR North Carolina Infrastructure Recovery Program for Hurricane Matthew storm recovery activities in North Carolina.

The purpose of this letter is to provide the U.S. Fish and Wildlife Service – Raleigh ES Field Office (USFWS) notice of the proposed project and to document compliance with Section 7 of the Endangered Species Act (ESA) of 1973 (16 U.S.C. 1531-1544, 87 Stat. 884), as well as the Migratory Bird Treaty Act (MBTA) (16 U.S.C. 703–712) and the Bald and Golden Eagle Protection Act (BGEPA) (16 U.S.C. 668-668c, 54 Stat. 250), as amended.

We have reviewed the proposed project using the USFWS Raleigh Ecological Services’ online 10-step project review process and made “**no effect**” determinations for proposed/listed species and/or proposed/designated critical habitat and a “**no Eagle Act permit required**” determination for eagles. Please find attached the Self-certification Letter and 10-step Project Review Package for the proposed project in accordance with all instructions provided, using the best available information to reach our conclusions.

The proposed sites for construction (Subject Properties) have individual maps and Robeson County Tax Map information identifying their locations attached. Maxton **SLS No. 5** located at 303 N. Hooper Street, Maxton, NC 28364 is Town-owned, identified as Parcel ID 330601026, and consists of 0.41 acre. Maxton **SLS No. 7** located at 904 US 74 BUS, Maxton, NC 28364 is Town-owned, identified as Parcel ID 33030102001, and consists of 0.33 acre. Maxton **SLS No. 10** located at 627 NC Highway 71N, Maxton, NC 28364 is Town-owned, identified as Parcel ID 11030100143, and consists of 0.47 acre. Maxton **SLS No. 11** located at 2074 NC Highway 71N, Maxton, NC 28364 is County-owned, identified as Parcel ID 110202001, and consists of approximately 1.43 acres.

NC Natural Heritage Program (NHP) Database Query Reports and USFWS Information for Planning and Consultation (IPaC) Official Species Lists were prepared for the proposed project. According to the USFWS IPaC Official Species Lists, there are a total of *five* threatened, endangered, or candidate species identified for the Subject Properties. These federally-protected species include the Tricolored Bat (Proposed Endangered), Red-cockaded Woodpecker (Endangered), American Alligator (Threatened), Monarch Butterfly (Candidate), and Michaux’s Sumac (Endangered). However, the reports indicate that there are no critical habitats within the Subject Properties. Robeson County is not identified as a Northern Long-eared Bat known-presence county. According to the NC NHP Database Query Reports, there are no federally-protected threatened, endangered, or candidate species within a one-mile radius of the Subject Properties. The State-protected species identified within a one-mile radius of the Subject Properties, include the Mabee’s Salamander (Threatened, **SLS Nos. 5, 7 and 10**), Eastern Tiger Salamander (Threatened, **SLS No. 10**), River Frog (Endangered, **SLS Nos. 10 and 11**), Southern Chorus Frog (Special Concern, **SLS Nos. 5 and 7**), Coppery Emerald, multiple (Significantly Rare, **SLS Nos. 5, 7, 10 and 11**), Phantom Darner (Significantly Rare, **SLS Nos. 5, 7, 10 and 11**), Blackbanded Sunfish, multiple (Significantly Rare, **SLS Nos. 7, 10 and 11**), ThinLip Chub (Special Concern, **SLS Nos. 10 and 11**), Pinewoods Darter (Special Concern, **SLS Nos. 10 and 11**), and Ironcolor Shiner (Significantly Rare, **SLS Nos. 10 and 11**).

According to the NC NHP Database Query Reports, there are no records for rare species, natural areas, and/ or conservation/ managed areas within the Subject Properties' boundaries. At **SLS No. 5**, there is a Managed Area, Robeson County Open Space, within a one-mile radius of the site. At **SLS No. 7**, there is a Natural Area, Shoe Heel Creek Floodplain (R5, C5), and Natural Community, Coastal Plain Small Swamp, within a one-mile radius of the site. At **SLS No. 10**, there are two Natural Areas, LBR/ Lumber River/ Bear Swamp Aquatic Habitat (R1, C3) and Upper Lumber River Swamp (R3, C3), and a Managed Area, Lumber State Natural and Scenic River, within a one-mile radius of the site. At **SLS No. 11**, there is a Natural Area, Upper Lumber River Swamp (R3, C3), documented within the site. Within a one-mile radius of **SLS No. 11**, there are five Natural Communities, Blackwater Bottomland Hardwoods (High Subtype), Blackwater Bottomland Hardwoods (Low Subtype), Blackwater Levee/ Bar Forest, Cypress-Gum Swamp (Blackwater Subtype), and Sand and Mud Bar (Blackwater Sand Bar Subtype), two Natural Areas, the LBR/ Lumber River/ Bear Swamp Aquatic Habitat (R1, C3) and Upper Lumber River Swamp (R3, C3), and three Managed Areas, the Robeson County Open Space, Lumber National Wild and Scenic River, and Lumber State Natural and Scenic River.

There are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. The Official Species List identified *three* migratory birds including the American Kestrel (*Falco sparverius paulus*), Bald Eagle (*Haliaeetus leucocephalus*), and Red-headed Woodpecker (*Melanerpes erythrocephalus*). It is anticipated that only temporary impacts might occur during construction from noise. There will be no vegetation removed (other than grass) or tree clearing performed for the proposed project.


During the site visit, none of the above-mentioned species were observed. The proposed project involves the purchase and installation of generator packages at the four associated existing Town sewer lift stations. As shown in the attached Subject Properties' photographs, the Subject Properties are regularly maintained, mowed parcels with fenced, sewer lift stations. There is no vegetation (other than grass) or tree removal anticipated as most of the work will be conducted within the fenced-in areas on the Subject Properties. **SLS No.7** is the only site where the existing fence will be extended to accommodate the generator placement on the western side of the current fence line. The proposed project would not jeopardize the continued existence of ESA species or destroy or adversely modify their critical habitat.

The USACE has been contacted for a site visit and determination for NWI-mapped wetlands located adjacent to the Subject Property at **SLS No. 7**, and onsite at **SLS Nos. 10** and **11**. The National Park Service (NPS) is being contacted for **SLS No. 11** because the Subject Property is located approximately 450 feet to the Lumber River, which has segments listed on the DOI NPS Nationwide Rivers Inventory and National Wild and Scenic Rivers System. The proposed project activities will be completed in conformance with all applicable USACE CWA Section 404 permit(s), NC DEQ Division of Water Resources (NC DWR) Section 401 Water Quality Certification(s), NC DWR Buffer Authorizations, and local floodplain development permit (**SLS No. 11**), which will be obtained prior to commencing work. The proposed project activities will be completed in accordance with all applicable federal, State, and local laws, regulations, and permit requirements and conditions.

NCORR is submitting the above information as notification of its **No Effect** determination and requests *acknowledgement* from USFWS that they have received this determination that the proposed project would have No Effect on migratory birds, endangered/threatened species, or critical habitat for species under USFWS jurisdiction.

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](mailto: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 signature is written in a cursive, flowing style.

Andrea Gievers, JD, MSEL, ERM  
NCORR Environmental Subject Matter Expert

Attachments:

- Self-certification Letter
- 10-step Project Review Package



# United States Department of the Interior

## FISH AND WILDLIFE SERVICE



Raleigh Field Office  
P.O. Box 33726  
Raleigh, NC 27636-3726

Date: 1/31/23

### Self-Certification Letter

Project Name Maxton Sewer Lift Station Generators

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](mailto: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



CONSTRUCTION PLANS

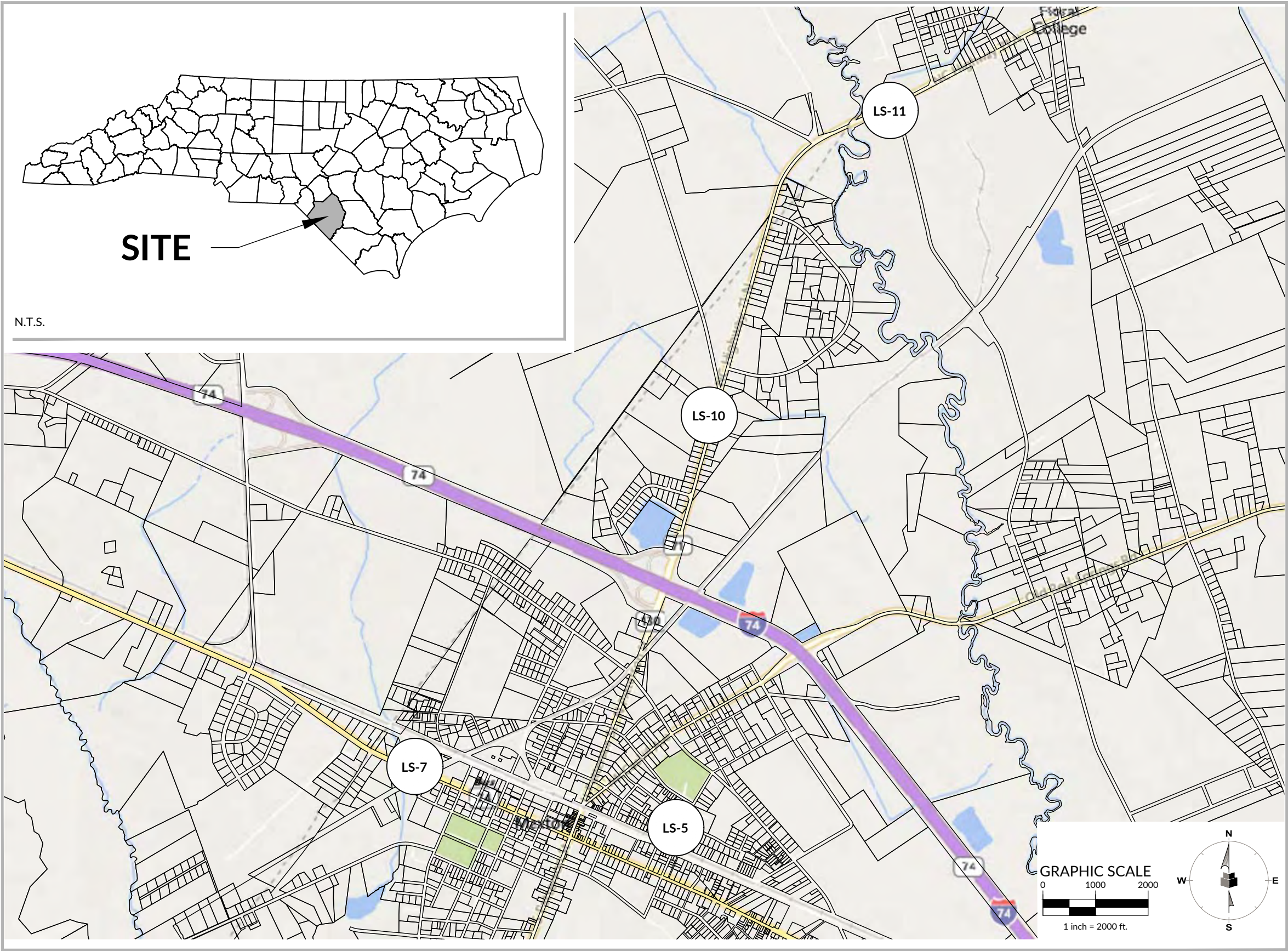
ROBESON COUNTY

MAXTON GENERATORS

CRI-155-0014

MAXTON, NC 28364 | ROBESON

JANUARY 2023

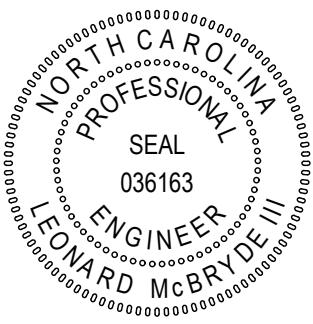
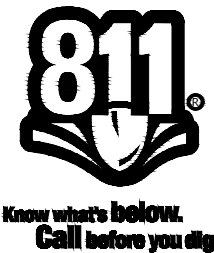


INDEX OF SHEETS

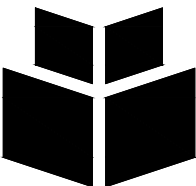
NUMBER	TITLE
--	COVER
G-1.00	GENERAL NOTES AND LEGEND
E-1.00	ELECTRICAL NOTES, DETAILS
E-1.01	ELECTRICAL LS5
E-1.02	ELECTRICAL LS7
E-1.03	ELECTRICAL LS10
E-1.04	ELECTRICAL LS11
C-1.00	EROSION CONTROL DETAILS
C-1.01	STANDARD DETAILS

CONTACT LIST:

WithersRavenel  
219 Station Road, Suite 101  
Wilmington, NC 28403  
910-256-9277



PREPARED BY:



**WithersRavenel**  
219 Station Road | Ste 101 | Wilmington, NC 28405  
License #: F-1479 | t: 910.256.9277 | www.withersravenel.com

OWNER:

**ROBESON COUNTY**  
550 N CHESTNUT ST  
LUMBERTON, NC 29358  
PHONE #: (910) 671-3022  
ATTENTION: KELLIE BLUE

CONSTRUCTION PLANS  
ROBESON COUNTY  
MAXTON GENERATORS  
CRI-155-0014  
WR PROJECT NO.06211005.00  
MUNI PRO NO:-----  
12/05/2022



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GENERAL NOTES:

1. THE WORK SPECIFIED ON THIS SHEET IS CONSIDERED INCIDENTAL AND NECESSARY FOR THE COMPLETION OF THE WORK. THERE WILL BE NO ADDITIONAL OR SEPARATE PAYMENT MADE FOR THE WORK SPECIFIED ON THIS SHEET UNLESS SPECIFICALLY CALLED OUT IN THE BID SCHEDULE AND MEASUREMENT AND PAYMENT SECTION OF THE SPECIFICATIONS.
2. THE CONTRACTOR SHALL HAVE A COMPLETE SET OF CONTRACT DOCUMENTS AS WELL AS ALL PERMIT APPROVALS AND EASEMENTS ON THE JOB SITE AT ALL TIMES.
3. CONSTRUCTION AND MATERIAL SPECIFICATIONS SHALL CONFORM TO THE STATE OF NORTH CAROLINA, TOWN OF MAXTON STANDARD SPECIFICATIONS AND CONSTRUCTION DETAILS, AND THE CONTRACT DOCUMENTS.
4. THE CONTRACTOR SHALL FOLLOW OSHA GUIDELINES REGARDING TRENCHING AND EXCAVATION SAFETY AND SHALL INCORPORATE APPROPRIATE SAFETY MEASURES AS NECESSARY TO MEET COMPLIANCE.
5. ALL SHOP DRAWINGS MUST BE REVIEWED AND APPROVED BY ENGINEER BEFORE EQUIPMENT IS ORDERED.
6. CONTRACTOR IS RESPONSIBLE FOR THE LOCATION OF ALL UNDERGROUND UTILITIES. KNOWN EXISTING UTILITIES HAVE BEEN LOCATED FROM THE INFORMATION AVAILABLE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACCURATELY LOCATE BOTH HORIZONTALLY AND VERTICALLY ALL EXISTING UTILITIES PRIOR TO START OF CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE NC ONE CALL CENTER AT 800.632.4949. ALL COSTS ASSOCIATED WITH ANY DAMAGE TO KNOWN OR UNKNOWN EXISTING UTILITIES RESULTING FROM THE CONTRACTOR'S FAILURE TO ADEQUATELY PROTECT THE EXISTING UTILITIES DURING CONSTRUCTION SHALL BE BORNE SOLELY BY THE CONTRACTOR.
7. CONTRACTOR SHALL MAKE EVERY EFFORT TO SAVE PROPERTY IRONS, MONUMENTS, OTHER PERMANENT POINTS AND LINES OF REFERENCE AND CONSTRUCTION STAKES. A REGISTERED LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE SHALL REPLACE PROPERTY IRONS, MONUMENTS, AND OTHER PERMANENT POINTS OF REFERENCE DESTROYED BY THE CONTRACTOR.
8. CONTRACTOR SHALL CLEAR AND GRUB ALL UTILITY EASEMENTS, AS DIRECTED BY THE OWNER, TO INSTALL NEW UTILITIES. ON ROADWAY RIGHT-OF-WAYS, THE CONTRACTOR SHALL ONLY REMOVE THE TREES MARKED ON THE PLANS AND SHALL MAKE EVERY EFFORT DURING CONSTRUCTION TO PROTECT THE TREES THAT WILL NOT BE REMOVED.
9. THE CONTRACTOR SHALL FURNISH, INSTALL, AND MAINTAIN ALL NECESSARY EROSION CONTROL MEASURES WHETHER OR NOT SHOWN ON THE PLANS TO PROTECT ADJACENT CREEKS, RIVERS, ROADWAYS, ETC. FROM SILTATION AND EROSION.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATION OF EXISTING UTILITIES IF REQUIRED DURING INSTALLATION OF NEW WORK. THERE WILL BE NO ADDITIONAL OR SEPARATE PAY ITEM FOR THIS WORK. UNLESS SPECIFICALLY CALLED OUT IN THE BID FORM. ANY RELOCATION OF EXISTING UTILITIES MUST BE COORDINATED WITH THE AFFECTED UTILITY COMPANY.
11. THE CONTRACTOR SHALL SUPPORT ALL UTILITY POLES AS NECESSARY. THE CONTRACTOR SHALL COORDINATE UTILITY POLE SUPPORT WITH THE APPROPRIATE UTILITY COMPANIES.
12. CONTRACTOR SHALL RESTORE/REPLACE ALL SIGNS, MAILBOXES, ETC. ENCOUNTERED DURING CONSTRUCTION TO ORIGINAL CONDITION.
13. THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO THE EXISTING GRADE UNLESS OTHERWISE NOTED ON THE DRAWINGS.
14. ALL DRIVEWAYS SHALL BE REPAIRED AS SOON AS CONSTRUCTION HAS PASSED. A MINIMUM OF 6" OF CABC SHALL BE USED FOR TEMPORARY REPAIR ON ASPHALT AND CONCRETE DRIVEWAYS UNTIL PERMANENT REPAIR CAN BE COMPLETED AND A MINIMUM OF 6" OF CABC SHALL BE USED AS PERMANENT REPAIR ON GRAVEL DRIVEWAYS.
15. CONTRACTOR SHALL REPLACE WITH NEW ALL DRIVEWAY PIPES AND OTHER DRAINAGE PIPES/CULVERTS THAT ARE DISTURBED WHILE INSTALLING THE UTILITIES. ALL PIPE/CULVERTS SHALL MEET THE REQUIREMENTS OF NCDOT.
16. ALL ROADWAY DITCHES DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITION OR BETTER AND CONFORM TO NCDOT REQUIREMENTS. ALL DITCHES SHALL BE LINED WITH EROSION CONTROL MATTING UNLESS OTHERWISE NOTED.
17. ALL EXCAVATED MATERIAL SHALL BE PLACED WITHIN THE LIMITS OF DISTURBANCE DURING UTILITY INSTALLATION. THE CONTRACTOR SHALL PROVIDE THE NECESSARY SEDIMENT AND EROSION CONTROL MEASURES TO CONTROL RUN-OFF. ALL EXCESS EXCAVATED MATERIAL SHALL BE REMOVED FROM THE CONSTRUCTION SITE AND DISPOSED OF LEGALLY.
18. HORIZONTAL DATUM IS NAD 83.
19. VERTICAL DATUM IS NAVD 88.
20. THE CONTRACTOR SHALL OBTAIN ALL PERMITS NECESSARY FOR CONSTRUCTION.

LEGEND		
(UNLESS OTHERWISE DENOTED)		
DESCRIPTION	EXISTING	PROPOSED
1' CONTOUR INTERVAL		
5' CONTOUR INTERVAL		
PROPERTY LINE		
ROADWAY CENTERLINE		
RIGHT OF WAY LIMITS		N/A
EASEMENT LINE		
CURB & GUTTER		
EDGE OF PAVEMENT		
SANITARY SEWER FACILITIES		
STORM SEWER FACILITIES		
WATERLINE		
FIRE HYDRANT ASSEMBLY		
FORCE MAIN		
ELECTRIC		
OVERHEAD ELECTRIC		
GAS MAIN		
TELEPHONE		
STRUCTURES		
FENCING STRUCTURE		
TELEVISION PEDESTAL		N/A
WATER MANHOLE		N/A
TELEPHONE MANHOLE		N/A
FLARED END SECTION		N/A
SANITARY SEWER MANHOLE		N/A
GAS VALVE		N/A
UTILITY MANHOLE		N/A
ELECTRICAL PEDESTAL		N/A
SIGN		N/A
FIBER OPTIC MARKER		N/A

DESCRIPTION	EXISTING	PROPOSED
WOODS LINE		N/A
WATERWAYS		N/A
TREE PROTECTION FENCE	N/A	
SILT FENCE	N/A	
SPOT ELEVATION		
GUY ANCHOR		N/A
POWER POLE		N/A
LIGHT POLE		N/A
PROPERTY IRON		N/A
CURB INLET		N/A
STORM DRAIN JUNCTION BOX		N/A
YARD INLET		N/A
WATER METER		N/A
CONCRETE MONUMENT		N/A
TELEPHONE PEDESTAL		N/A
MAIL BOX		N/A
WATER VALVE		

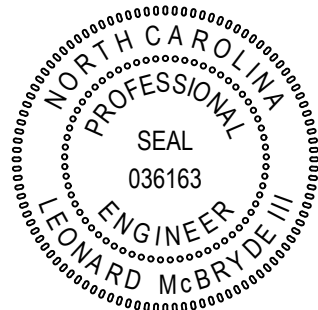
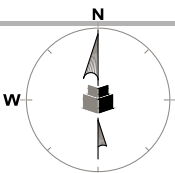
WR Job No. 06211005.00  
DRN: DAC DGN: DAC CKD: LM

DATE 01/25/2023

GENERAL NOTES

G-1.00

INITIAL PLAN DATE: 10/24/2022  
REVISIONS:



CONSTRUCTION PLANS

**ROBESON COUNTY**

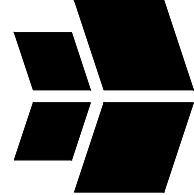
**MAXTON GENERATORS**

**CRI-155-0014**

MAXTON, NC 28364 | ROBESON

**ROBESON COUNTY**

550 NORTH CHESTNUT STREET  
LUMBERTON, NC 27388



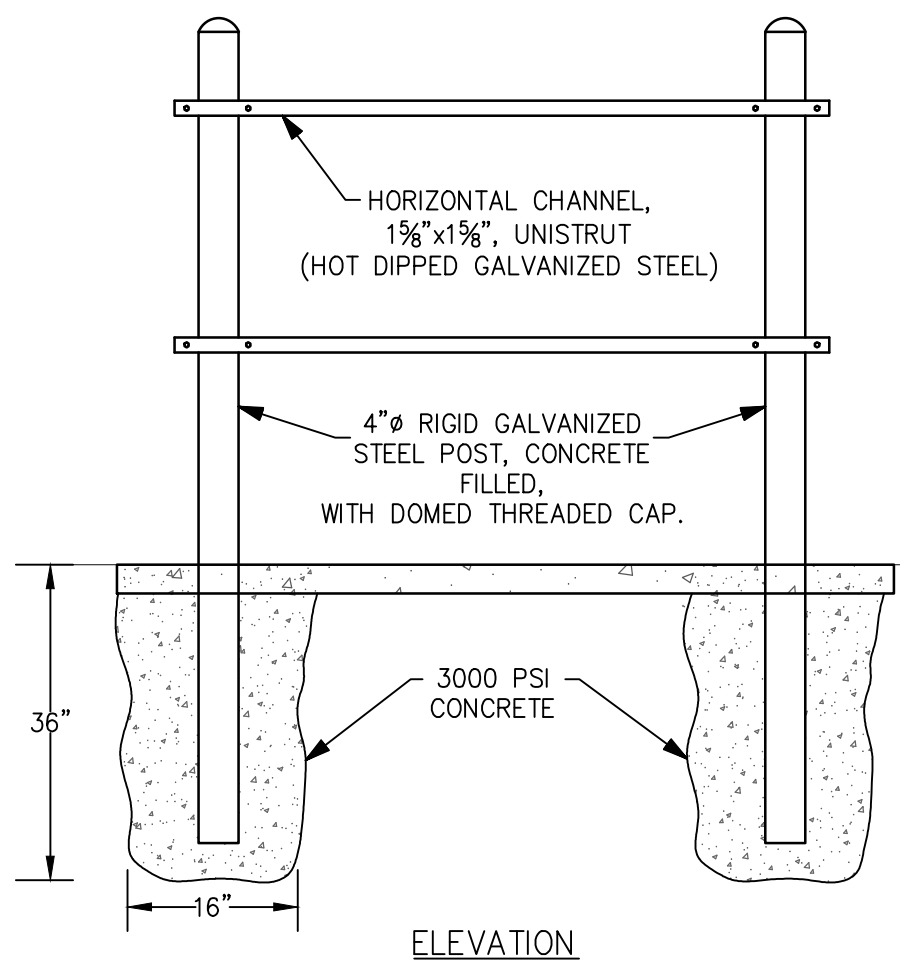
**WithersRavenel**

115 McKean Drive | Cary, NC 27511  
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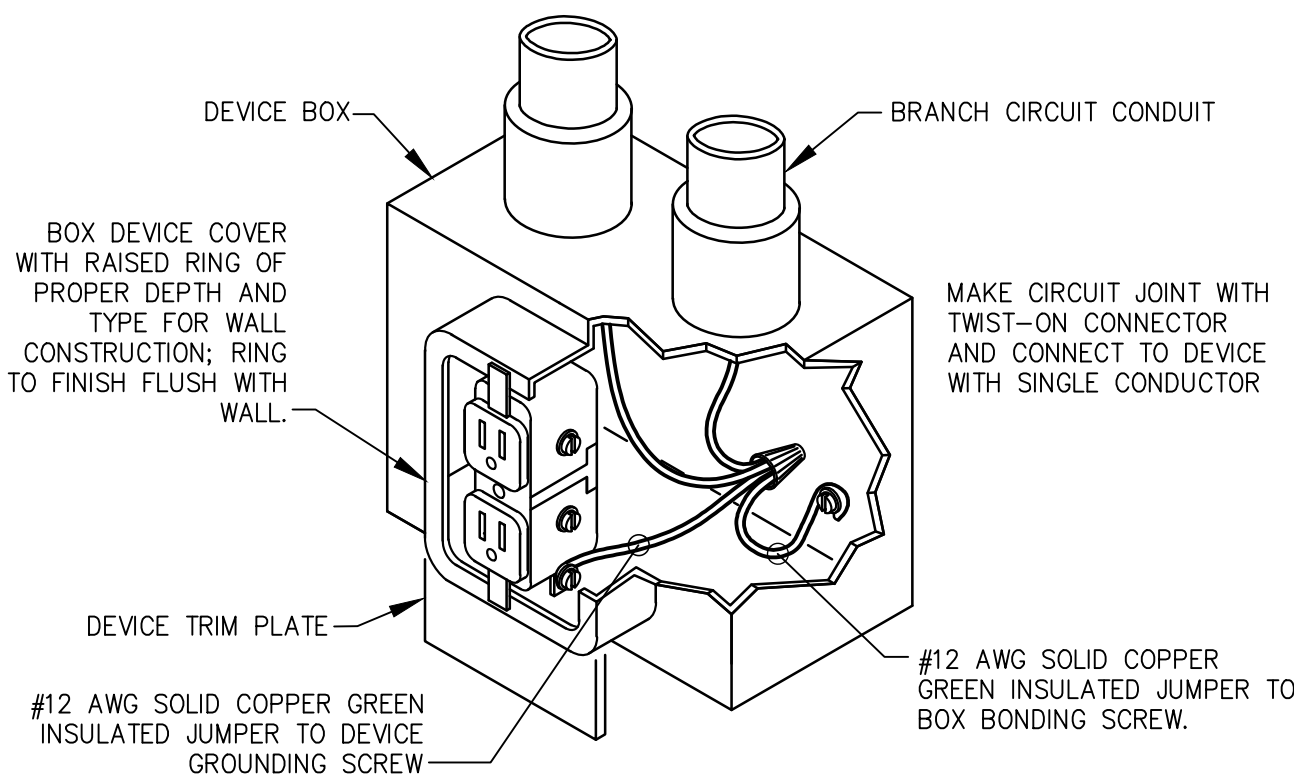
ELECTRICAL NOTES

- ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND REQUIREMENTS OF THE LOCAL AUTHORITY HAVING JURISDICTION.
- PERMITS FOR ELECTRICAL WORK SHALL BE OBTAINED BY AND PAID BY THE ELECTRICAL CONTRACTOR. THE ELECTRICAL CONTRACTOR SHALL PAY FOR ANY ADDITIONAL FEES FOR INSPECTIONS, TESTS, AND OTHER SERVICES AS REQUIRED FOR THE COMPLETION OF THE WORK.
- THE ELECTRICAL CONTRACTOR AND ANY OF HIS SUBCONTRACTORS SHALL VISIT THE PROJECT SITES TO WITNESS EXISTING CONDITIONS AND BECOME FAMILIAR WITH THE SCOPE OF THE WORK REQUIRED PRIOR TO SUBMITTING PROPOSALS. WORK REQUIRED BY EXISTING JOB CONDITIONS NOT INDICATED ON DRAWINGS SHALL BE INCLUDED IN THE PROPOSALS.
- THE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO RESULT IN THE PRODUCTION OF A COMPLETE AND FUNCTIONAL ELECTRICAL SYSTEM. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL MATERIAL, LABOR, EQUIPMENT, AND OTHER SERVICES AS NECESSARY TO COMPLETE THE WORK.
- DISCREPANCIES IN THE DRAWINGS AND SPECIFICATIONS THAT WILL AFFECT THE WORK SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER, AND OWNER PRIOR TO SUBMITTING PROPOSALS.
- UNLESS NOTED OTHERWISE, ALL MATERIALS AND EQUIPMENT SHALL BE NEW AND INCLUDE A 3RD PARTY LABEL (I.E.: UL, CSA, ETL, ETC.) LISTING APPROVAL FOR ITS INSTALLED APPLICATION.
- REVIEW COMPLETE PLAN SET FOR CONSTRUCTION TYPE, SCOPES, ETC. REVIEW COMPLETE PLAN SET FOR PROJECT PHASING AND STAGING. REVIEW COMPLETE PLAN SET FOR WORK COVERED BY ALTERNATE BID ITEMS.
- VERIFY PROPER SIZING OF OVERLOAD DEVICES IN STARTERS BASED ON EQUIPMENT NAMEPLATE DATA.
- IF HORSEPOWER OR LOAD RATINGS OF EQUIPMENT DIFFER FROM THOSE INDICATED ON THE DRAWINGS, NOTIFY THE ARCHITECT, ENGINEER, AND OWNER FOR DIRECTION.
- PROVIDE NATIONAL ELECTRICAL CODE REQUIRED CLEARANCES FOR ALL ELECTRICAL EQUIPMENT. COORDINATE RESOLUTION OF CONFLICTS WITH OTHER TRADES.
- ABANDONED CIRCUITRY (RACEWAY & CONDUCTORS) SHALL BE REMOVED IN ITS ENTIRETY FROM ITS SOURCE.
- PANEL BUS MATERIAL: COPPER.
- SHARED NEUTRAL CONDUCTORS SHALL NOT BE USED UNLESS SPECIFICALLY INDICATED SO ON HOMERUN CIRCUITRY DESIGNATIONS.
- PANEL BREAKER CONFIGURATIONS SHALL BE INSTALLED AS INDICATED ON THE PANEL SCHEDULES OR AS NOTED. BREAKER POSITION REVISIONS WILL NOT BE ACCEPTED UNLESS APPROVED IN WRITING BY THE ENGINEER.
- LOAD CIRCUITS SHALL BE INSTALLED AS INDICATED ON THE DRAWINGS. CIRCUITRY REVISIONS WILL NOT BE ACCEPTED UNLESS APPROVED IN WRITING BY THE ENGINEER.



- NOTES:
- USE 3/8" HOT DIPPED GALVANIZED STEEL HARDWARE FOR CONNECTING CHANNELS & MOUNTING EQUIPMENT.
  - PROVIDE ADDITIONAL VERTICAL POSTS, CENTERED, IF RACK EXCEEDS 60" WIDE.
  - PROVIDE ADDITIONAL CHANNEL(S) WHERE REQUIRED TO ALIGN WITH EQUIPMENT MOUNTING HOLES.
  - SEE DETAILS D/E-1.00 & G/E-1.00 FOR RACK MOUNTED SUN SHIELD / RAIN HOOD.

**B** EQUIPMENT RACK DETAIL  
E-1.00 NO SCALE

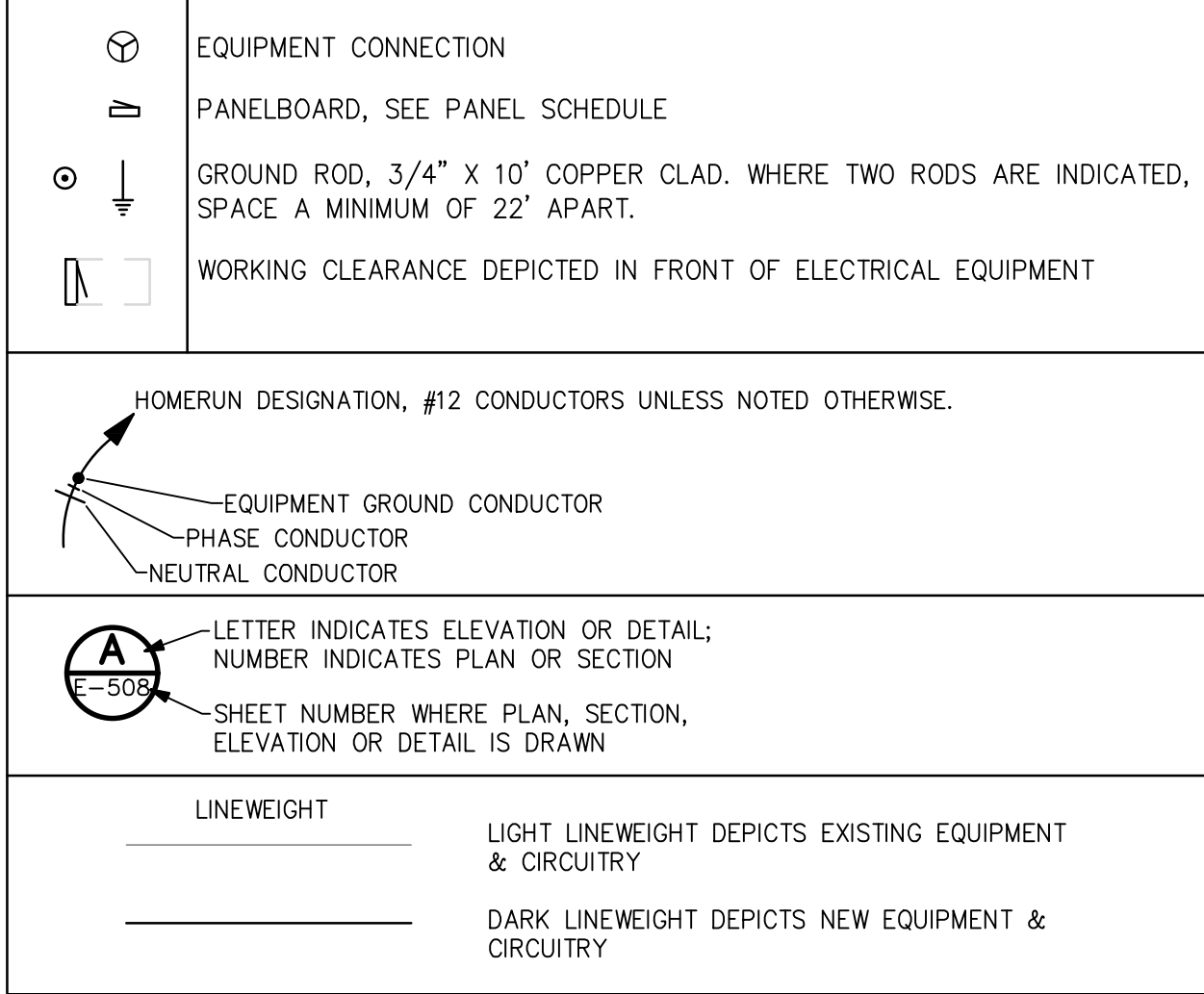


**F** OUTLET GROUNDING DETAIL  
E-1.00 NO SCALE

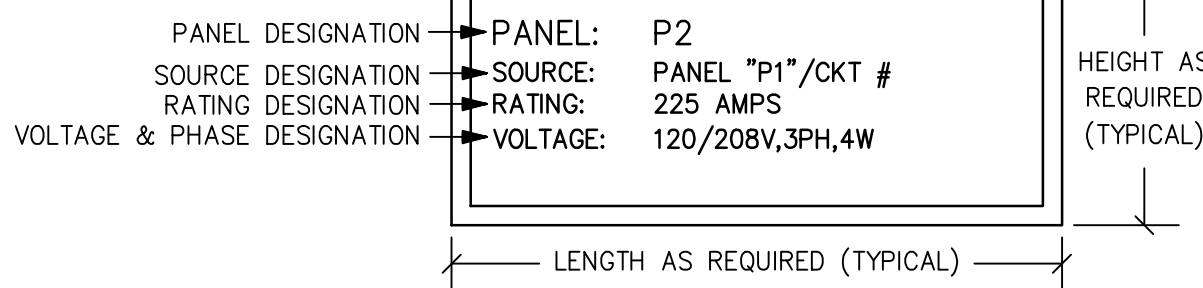
ABBREVIATIONS

AFG	ABOVE FINISHED GRADE
AIC	AMPS INTERRUPTING CAPABILITY
ATS	AUTOMATIC TRANSFER SWITCH
BKR	BREAKER
C	CONDUIT
C/B	CIRCUIT BREAKER
CKT	CIRCUIT
DIA	DIAMETER
DISC	DISCONNECT
DWG	DRAWING
EC	ELECTRICAL CONTRACTOR
ENCL	ENCLOSED
EXSTG	EXISTING
G	EQUIPMENT GROUND
GEC	GROUNDING ELECTRODE CONDUCTOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
HP	HORSEPOWER
K	KILO (THOUSAND)
MCB	MAIN CIRCUIT BREAKER
MFR	MANUFACTURER
MLO	MAIN LUG ONLY
N/A	NOT APPLICABLE
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOC.
NTS	NOT TO SCALE
P	PHASE OR POLE
PCP	PUMP CONTROL PANEL
PH	PHASE
PNL	PANEL
PVC	POLYVINYL CHLORIDE
REC	RECEPTACLE
RECP	RECEPTACLE
REQ	REQUIRED
S.S.	STAINLESS STEEL
SYS	SYSTEM
S/N	SOLID NEUTRAL
TYP	TYPICAL
UL	UNDERWRITERS LABORATORY
UNO	UNLESS NOTED OTHERWISE
UON	UNLESS OTHERWISE NOTED
V	VOLTS
VA	VOLT-AMPS
W	WATTS
W	WIRE
W/	WITH
WP	WEATHERPROOF
XFMR	TRANSFORMER

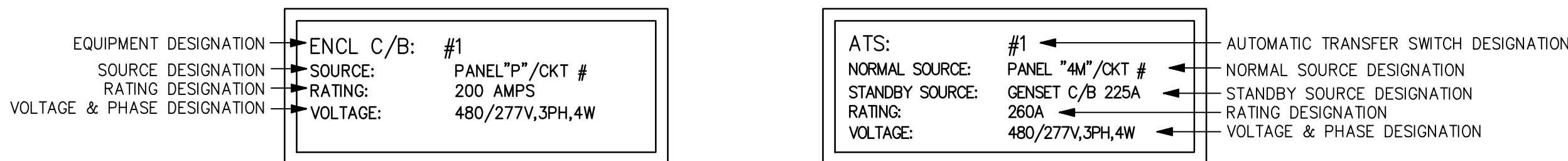
MISC. ELECTRICAL SYMBOL LEGEND



PANELBOARD

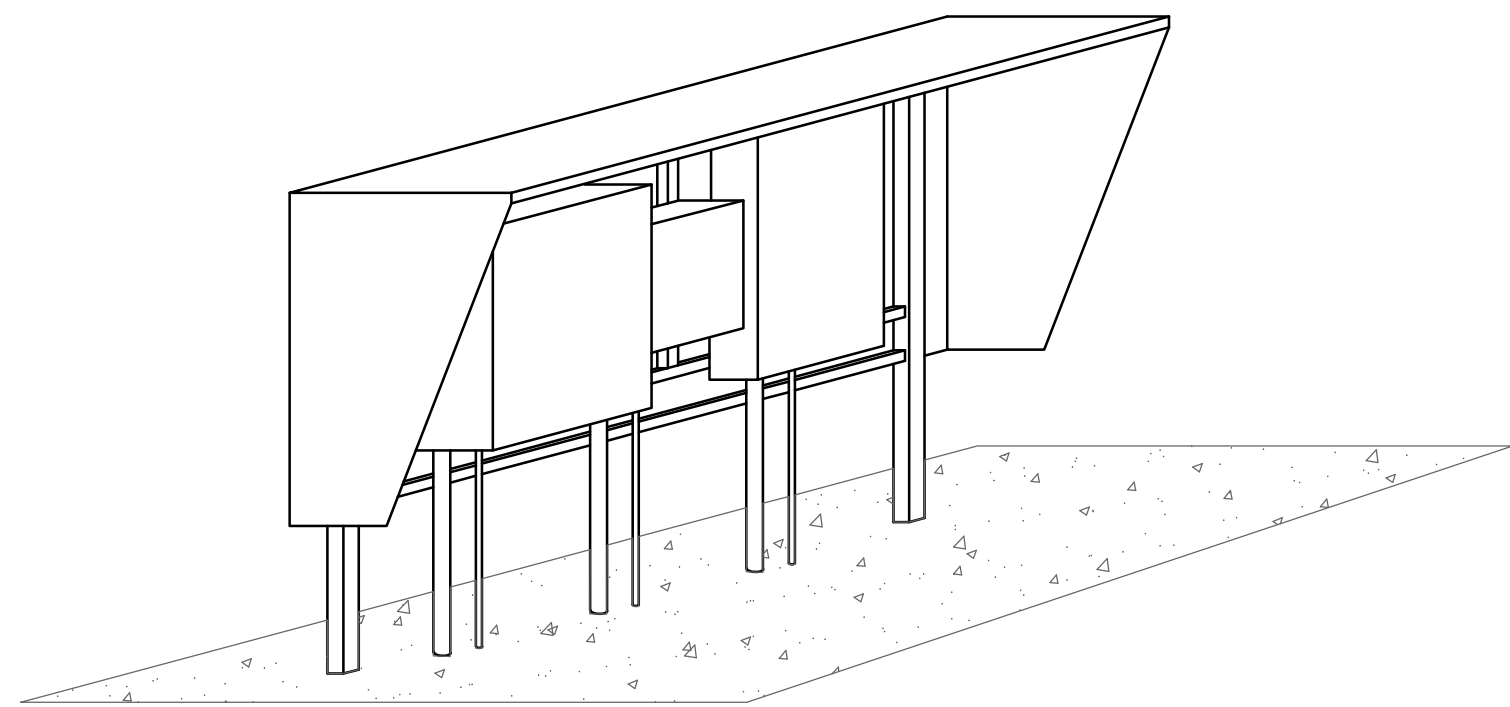


AUTOMATIC TRANSFER SWITCH

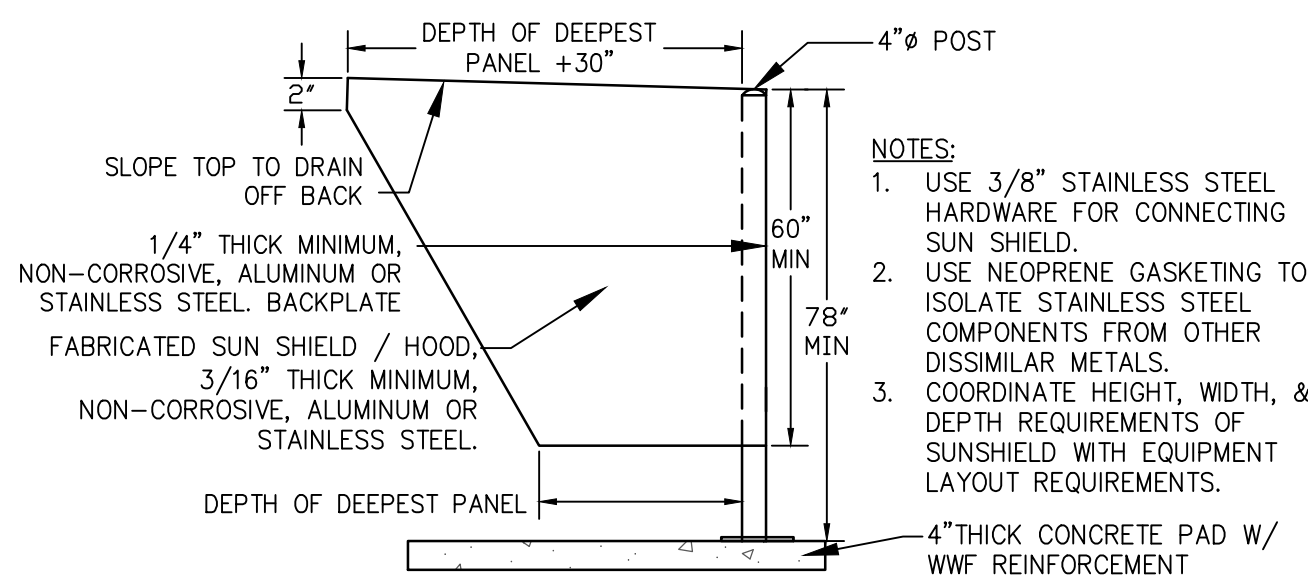


- NOTES:
- ENGRAVED PLASTIC FOR NAMEPLATE.
  - HIGH PERFORMANCE, DOUBLE COATED TAPE WITH ADHESIVE TO ATTACH LABELS. DESIGN BASIS: 3M #06383 OR APPROVED EQUIVALENT.
  - 3/8" ENGRAVED LETTERS EQUIPMENT NAME DESIGNATION AND 1/4" ENGRAVED LETTERS ON ALL OTHER DESIGNATIONS.

**C** TYPICAL NAMEPLATE DETAILS  
E-1.00 NO SCALE



**D** SUN/RAIN HOOD TYPICAL (ISOMETRIC)  
E-1.00 NO SCALE



**G** SUN SHIELD FOR EQUIPMENT RACK  
E-1.00 NO SCALE

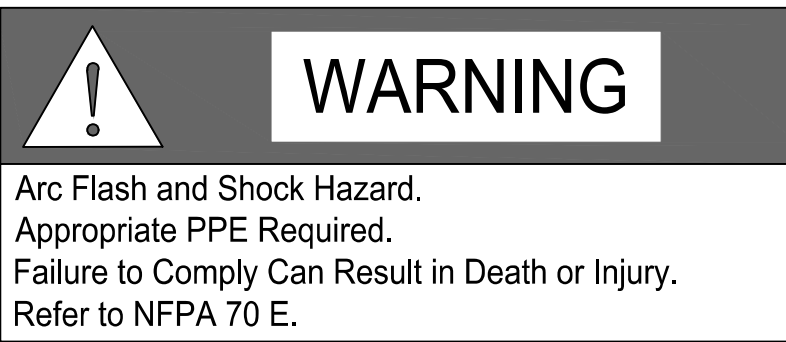
PANEL IDENTIFICATION LABEL

C  
E-1.00

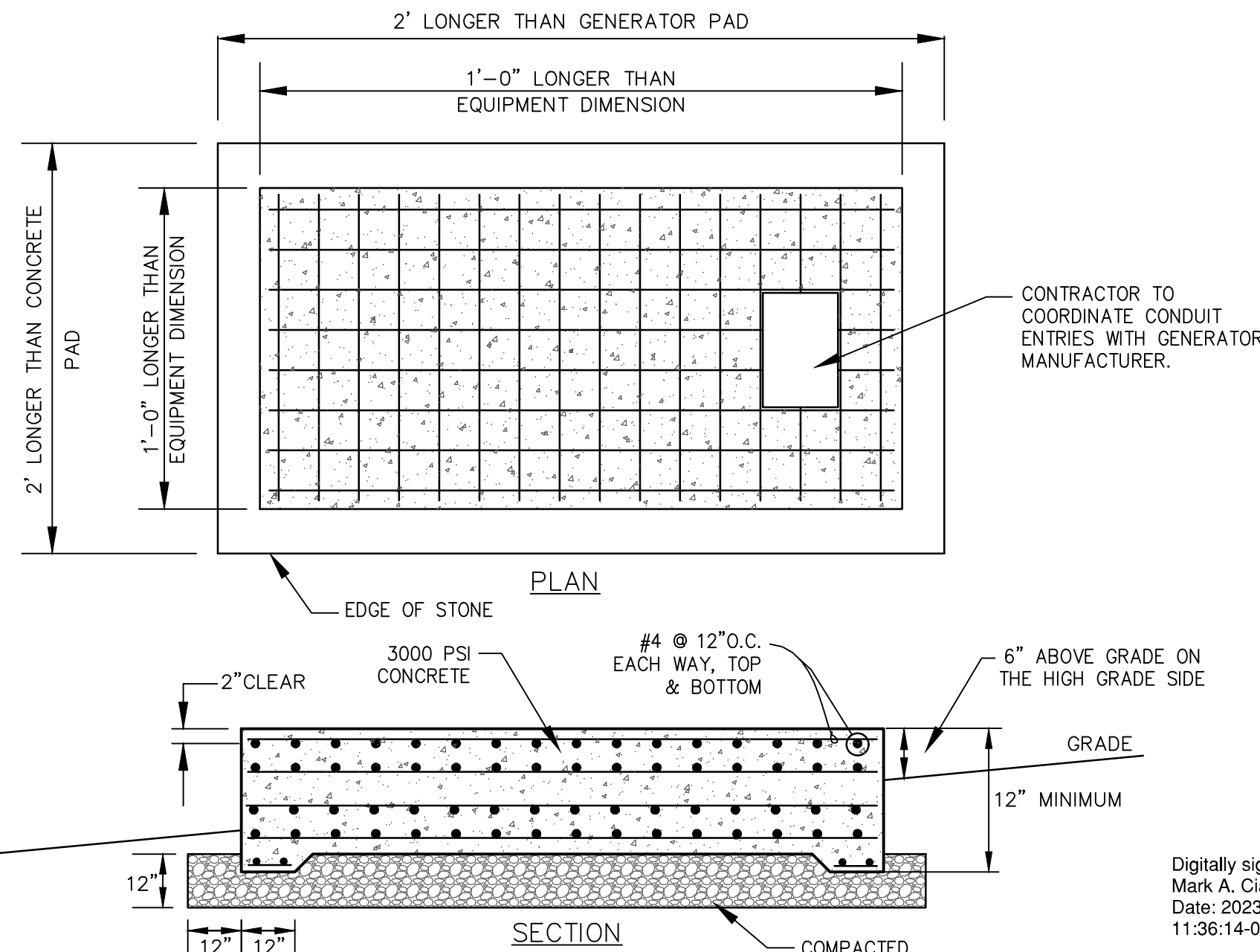
COLOR CODE LABEL

COLOR CODE:	
PHASE "A"	BLACK
PHASE "B"	RED
PHASE "C"	BLUE
NEUTRAL	WHITE
EQUIPMENT GROUND	GREEN

- NOTES:
- ENGRAVED LABELS SHALL FEATURE BLACK LETTERS ON WHITE BACKGROUND, UNLESS SPECIFIED OTHERWISE.
  - FOR APPLICATIONS OTHER THAN NEMA 1 ENCLOSURES, PROVIDE DUPLICATE ID LABELS INSIDE ENCLOSURES.
  - PANEL DESIGNATION: 1/2" HIGH TEXT, MINIMUM.
  - VOLTAGE CONFIGURATION & SOURCE: 3/8" HIGH TEXT, MINIMUM.
  - COLOR CODE LABEL: PRINTED LABEL IS ACCEPTABLE. SEE SPECIFICATIONS FOR COLOR CODE REQUIREMENTS.
  - OBTAIN FAULT CURRENT VALUES FOR ALL EQUIPMENT FROM FAULT CURRENT TABLE.

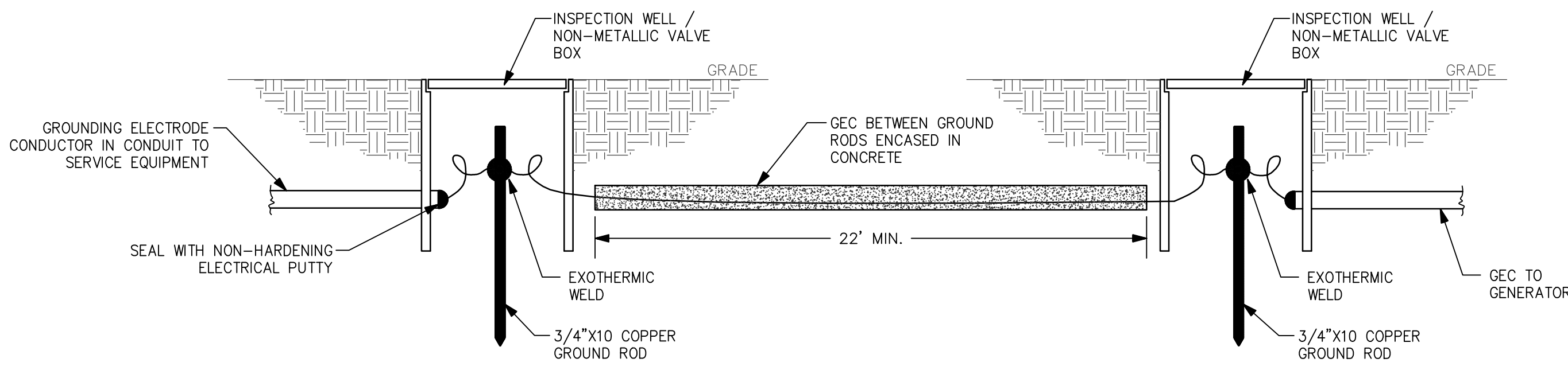


**A** TYPICAL PANELBOARD IDENTIFICATION  
E-1.00 NO SCALE

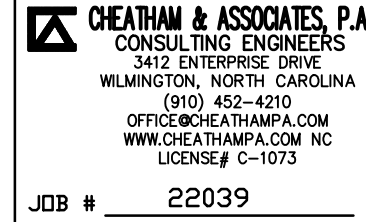


- NOTES:
- PROVIDE ANCHOR BOLTS FOR GENERATOR & ENCLOSURE PER MANUFACTURER'S REQUIREMENTS.
  - BASE PAD SIZE ON ACTUAL EQUIPMENT SUPPLIED. PAD SHOULD EXTEND 6" PAST EQUIPMENT EXTERIOR IN EACH DIRECTION.

**E** GENERATOR PAD DETAIL  
E-1.00 NO SCALE



**H** GROUND ROD & INSPECTION WELL  
E-1.00 NO SCALE



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ROBESON COUNTY  
556 NORTH CHESTNUT STREET  
LUMBERTON, NC 29558

CONSTRUCTION PLANS  
ROBESON COUNTY  
MAXTON GENERATORS  
CRI-155-0014  
MAXTON, NC 28364 | ROBESON



INITIAL PLAN DATE: 10/24/2022  
REVISIONS:

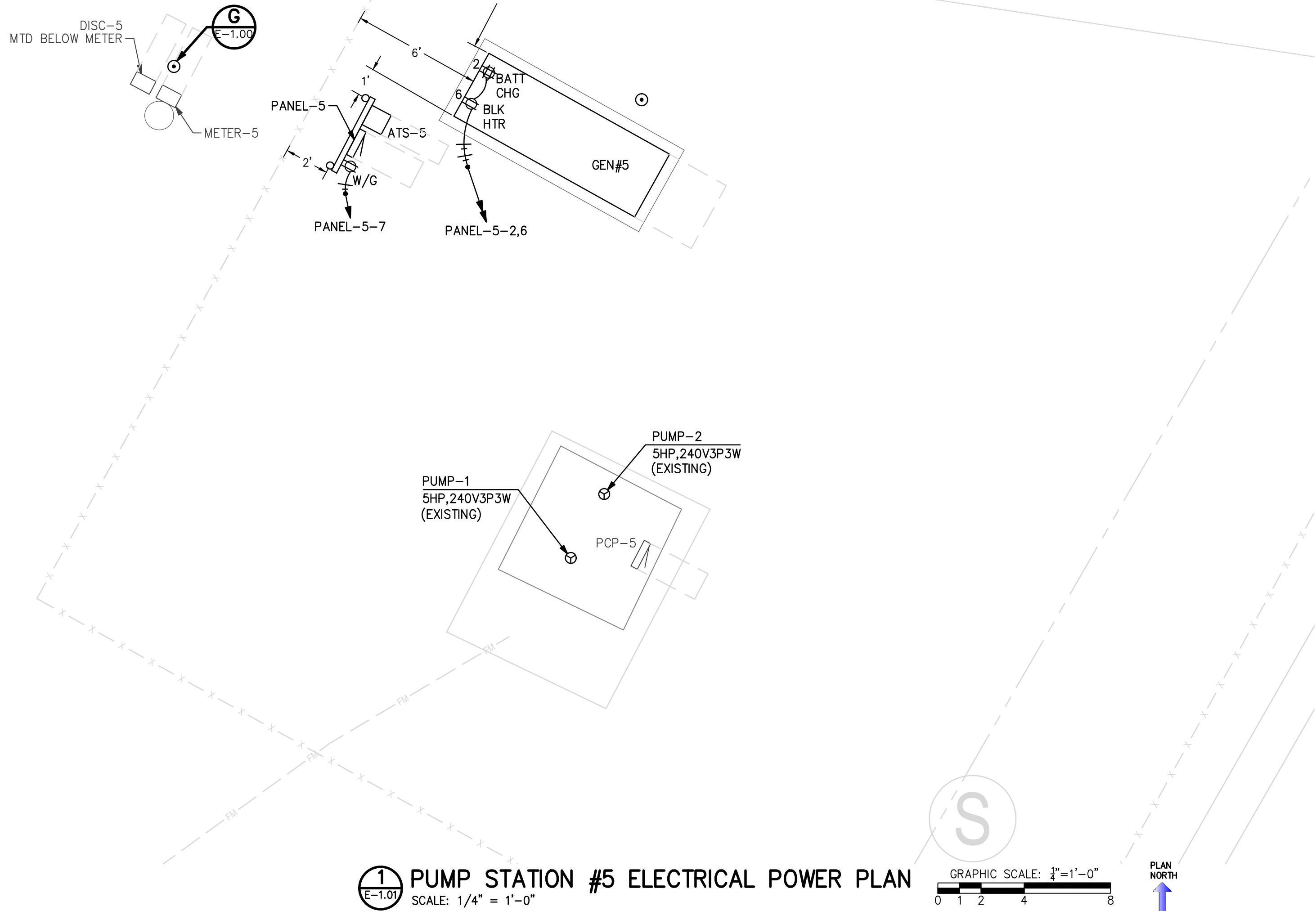
WR Job No. 06211005.00 DATE 01/20/2022  
DRN: JEG DGN: JEG CKD: MAC

ELECTRICAL  
NOTES, DETAILS

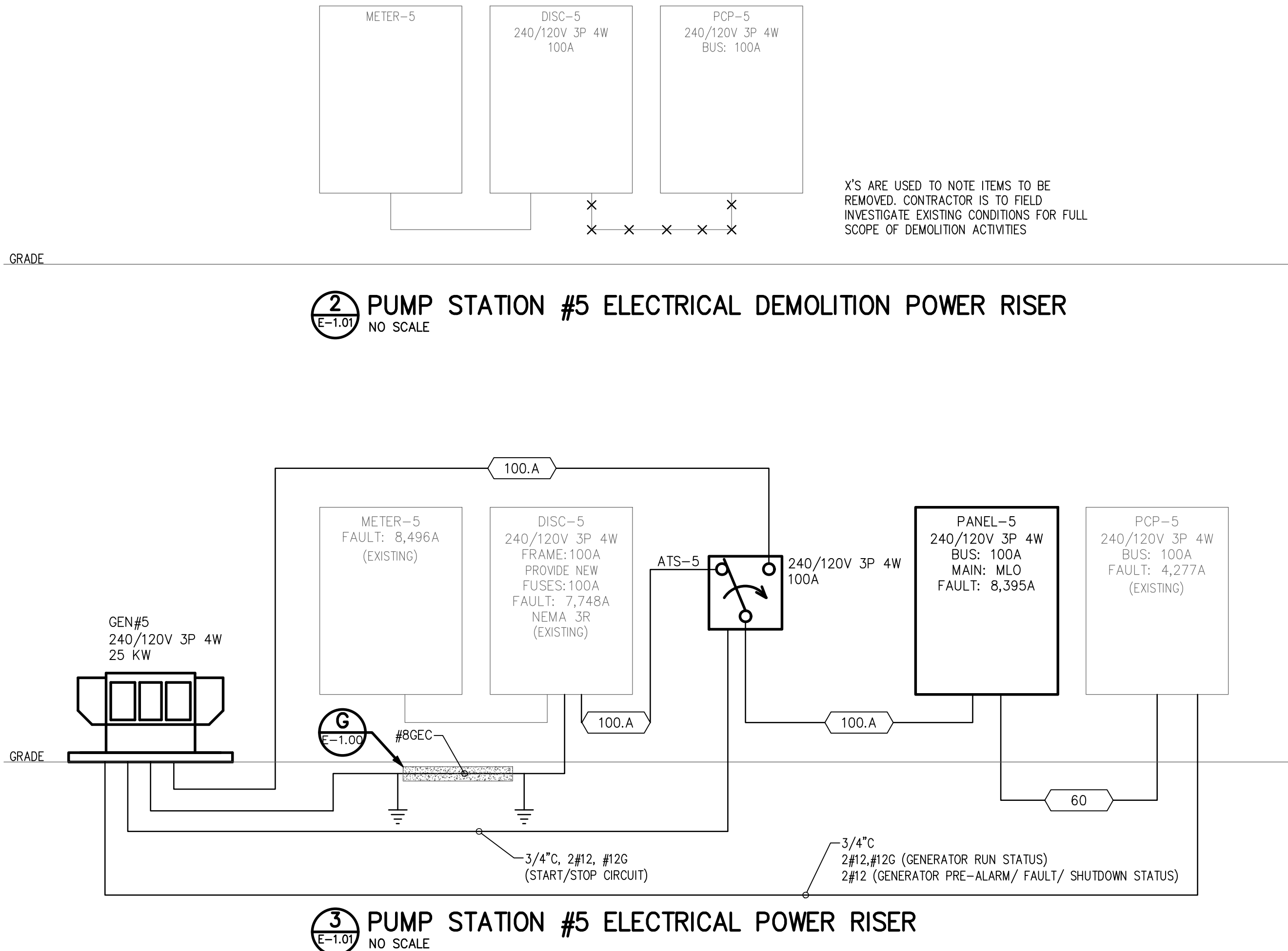
E-1.00



PANEL-5											
ROOM:			VOLTS: 240/120V 3P 4W			AIC: 10,000					
MOUNTING: SURFACE			BUS AMPS: 100			MAIN BKR: MLO					
FED FROM: ATS-5			NEUTRAL: 100%			LUGS: STANDARD					
NOTE: NEMA 3R											
CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA			CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA		
			A	B	C				A	B	C
1	100/3	PANEL PCP-5	4.21			2	20/1	REC-BATTERY CHARGER	1		
3				4.21		4	-/1	SPACE		0	
5					4.21	6	20/1	REC-BLOCK HEATER			1.5
7	20/1	SPACE REC-EXT GFCI	0.18			8	20/1	SPARE	0		
9	-/1	SPACE		0		10	-/1	SPACE		0	
11	20/1	SPACE			0	12	20/1	SPACE			0
13	-/3	SPACE	0			14	-/3	SPACE	0		
15				0		16				0	
17					0	18					0
						TOTAL CONNECTED KVA BY PHASE			5.39	4.21	5.71
						TOTAL CONNECTED AMPS BY PHASE			40.2	30.4	42.9
			</								



FEEDER SCHEDULE			
ID	FEEDER AMPS	CONDUIT AND FEEDER	FEEDING THESE DEVICES
60	60	1" C, 3#6, #6N, #8G	PCP-5
100.A	100	1-1/4" C, 3#1/0, #2N, #8G	ATS-5, ATS-5, PANEL-5, PCP-7
125	125	1-1/2" C, 3#1/0, #1/0N, #6G	PCP-11
125J	125	1-1/2" C, 3#1/0, #1/0N, #6G	PCP-10
150	150	1-1/2" C, 3#1/0, #1/0N, #6G	ATS-7, ATS-7, ATS-11, ATS-11, DISC-7, DISC-7, PANEL-7, PANEL-11
225	225	2-1/2" C, 3#4/0, #4/0N, #4G	ATS-10, ATS-10, DISC-10, PANEL-10
SIZING METHOD: COPPER, 60°C #12 THROUGH #1, 75°C #1/0 AND ABOVE			



CHEATHAM & ASSOCIATES, P.A.  
CONSULTING ENGINEERS  
2412 ENTERPRISE DRIVE  
WILMINGTON, NORTH CAROLINA  
(910) 452-4210  
OTTO@CHEATHAMPA.COM  
WWW.CHEATHAMPA.COM NC  
LICENSE # E-1073  
JOB # 22039

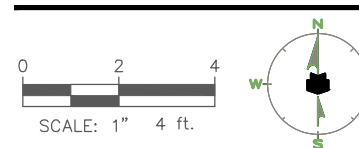
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DRN: JEG DGN: JEG CKD: MAC

ELECTRICAL  
LS5

E-1.01

PANEL-7

MOUNTING: SURFACE			VOLTS: 240/120V 3P 4W			AIC: 10,000					
FED FROM: ATS-7			BUS AMPS: 150			MAIN BKR: MLO					
NOTE: NEMA 3R			NEUTRAL: 100%			LUGS: STANDARD					
CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA			CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA		
			A	B	C				A	B	C
1	100/3	PANEL PCP-7	6.1			2	20/1	REC-BATTERY CHARGER	1		
3				6.1		4	-/1	SPACE		0	
5					6.1	6	20/1	REC-BLOCK HEATER			1.5
7	20/1	REC-EXT GFCI	0.18			8	20/1	SPARE	0		
9	-/1	SPACE		0		10	-/1	SPACE		0	
11	20/1	SPARE			0	12	20/1	SPARE			0
13	-/3	SPACE	0			14	-/3	SPACE	0		
15				0		16				0	
17					0	18					0
19	-/3	SPACE	0			20	-/3	SPACE	0		
21				0		22		SPACE		0	
23					0	24					0
25	-/3	SPACE	0			26	-/3	SPACE	0		
27				0		28				0	
29					0	30					0
						TOTAL CONNECTED KVA BY PHASE			7.28	6.1	7.6
						TOTAL CONNECTED AMPS BY PHASE			53.8	44	56.5
			CONN KVA	CALC KVA					CONN KVA	CALC KVA	
LARGEST MOTOR			9.15	2.29	(25%)	RECEPTACLES			0.18	0.18	(50%>10)
MOTORS			18.3	18.3	(100%)	NONCONTINUOUS			2.5	2.5	(100%)
						TOTAL LOAD			23.3		
						BALANCED 3-PHASE LOAD			55.9 A		



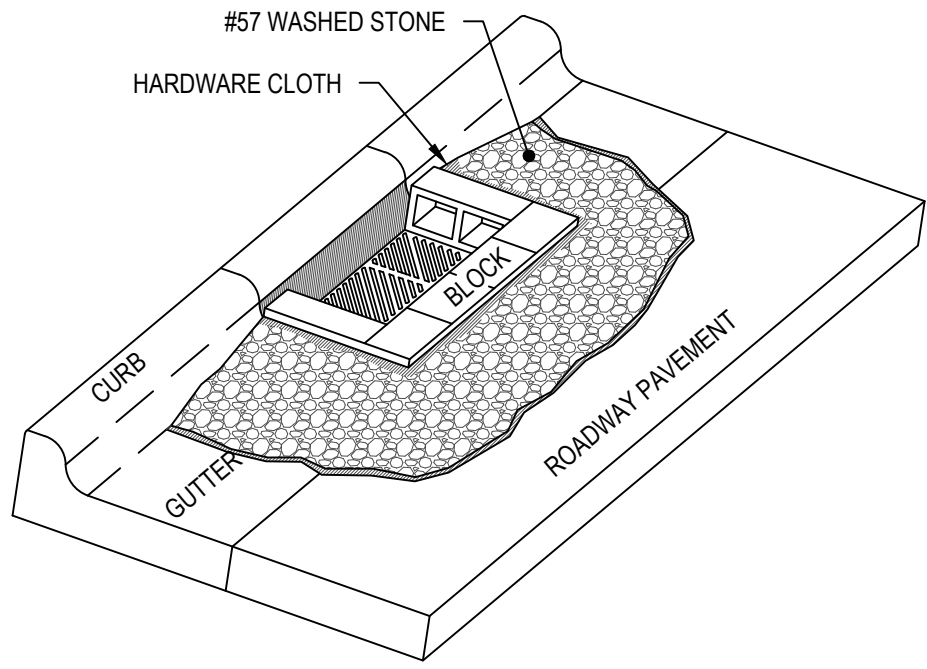
PANEL-10

ROOM:			VOLTS: 240/120V 3P 4W			AIC: 10,000					
MOUNTING: SURFACE			BUS AMPS: 225			MAIN BKR: 225					
FED FROM: ATS-10			NEUTRAL: 100%			LUGS: STANDARD					
NOTE: NEMA 3R											
CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA			CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA		
			A	B	C				A	B	C
1	20/3	PUMP-1	5.82			2	100/3	PUMP-2	5.82		
3				5.82		4				5.82	
5					5.82	6					5.82
7	20/1	REC-EXT GFCI	0.18			8	20/1	REC-BATTERY CHARGER	1		
9	-/1	SPACE		0		10	-/1	SPACE		0	
11	20/1	SPARE			0	12	20/1	REC-BLOCK HEATER			1.5
13	-/3	SPACE				14	-/3	SPACE	0		
15			0	0		16				0	
17					0	18					0
19	-/3	SPACE	0			20	-/3	SPACE	0		
21				0		22				0	
23					0	24					0
25	-/3	SPACE	0			26	-/3	SPACE	0		
27				0		28				0	
29					0	30					0
						TOTAL CONNECTED KVA BY PHASE			12.8	11.6	13.1
						TOTAL CONNECTED AMPS BY PHASE			93.8	84	96.5

PANEL-11

ROOM:			VOLTS: 240/120V 3P 4W			AIC: 10,000					
MOUNTING: SURFACE			BUS AMPS: 150			MAIN BKR: MLO					
FED FROM: ATS-11			NEUTRAL: 100%			LUGS: STANDARD					
NOTE: NEMA 3R											
CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA			CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA		
			A	B	C				A	B	C
1	125/3	PANEL PCP-11	7.76			2	20/1	REC-BATTERY CHARGER	1		
3				7.76		4	-/1	SPACE		0	
5					7.76	6	20/1	REC-BLOCK HEATER			1.5
7	20/1	REC-EXT GFCI	0.18			8	20/1	SPARE	0		
9	-/1	SPACE		0		10	-/1	SPACE		0	
11	20/1	SPARE			0	12	20/1	SPARE			0
13	-/3	SPACE	0			14	-/3	SPACE	0		
15				0		16				0	
17					0	18					0
19	-/3	SPACE	0			20	-/3	SPACE	0		
21				0		22				0	
23					0	24					0
25	-/3	SPACE	0			26	-/3	SPACE	0		
27				0		28				0	
29					0	30					0
						TOTAL CONNECTED KVA BY PHASE			8.94	7.76	9.26
						TOTAL CONNECTED AMPS BY PHASE			65.8	56	68.5
					</						





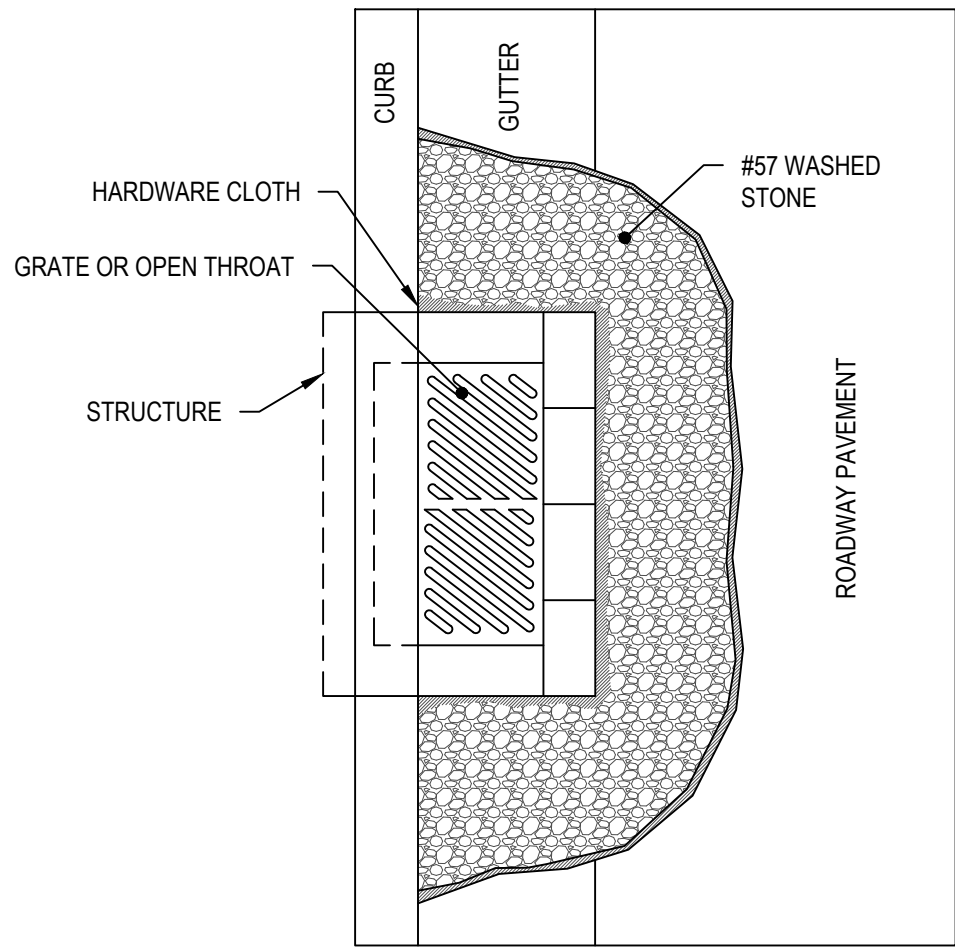
PERSPECTIVE VIEW

NOTES

- LAY ONE BLOCK ON EACH SIDE OF THE STRUCTURE ON ITS SIDE IN THE BOTTOM ROW TO ALLOW POOL DRAINAGE. PLACE BOTTOM ROW OF BLOCKS AGAINST THE EDGE OF THE CURB FOR LATERAL SUPPORT AND TO AVOID WASHOUTS WHEN OVERFLOW OCCURS. IF NEEDED, GIVE LATERAL SUPPORT TO THE SUBSEQUENT ROWS OF BLOCKS BY PLACING 2x4 WOOD STUDS THROUGH BLOCK OPENINGS.
- CAREFULLY FIT HARDWARE CLOTH OR COMPARABLE WIRE MESH WITH 1/2" OPENINGS OVER ALL BLOCK OPENINGS TO HOLD GRAVEL IN PLACE.
- USE #57 WASHED STONE PLACED 2" BELOW THE TOP OF THE BLOCK ON A 2:1 SLOPE OR FLATTER AND SMOOTH IT INTO AN EVEN GRADE.

BLOCK AND GRAVEL INLET PROTECTION (TEMPORARY)

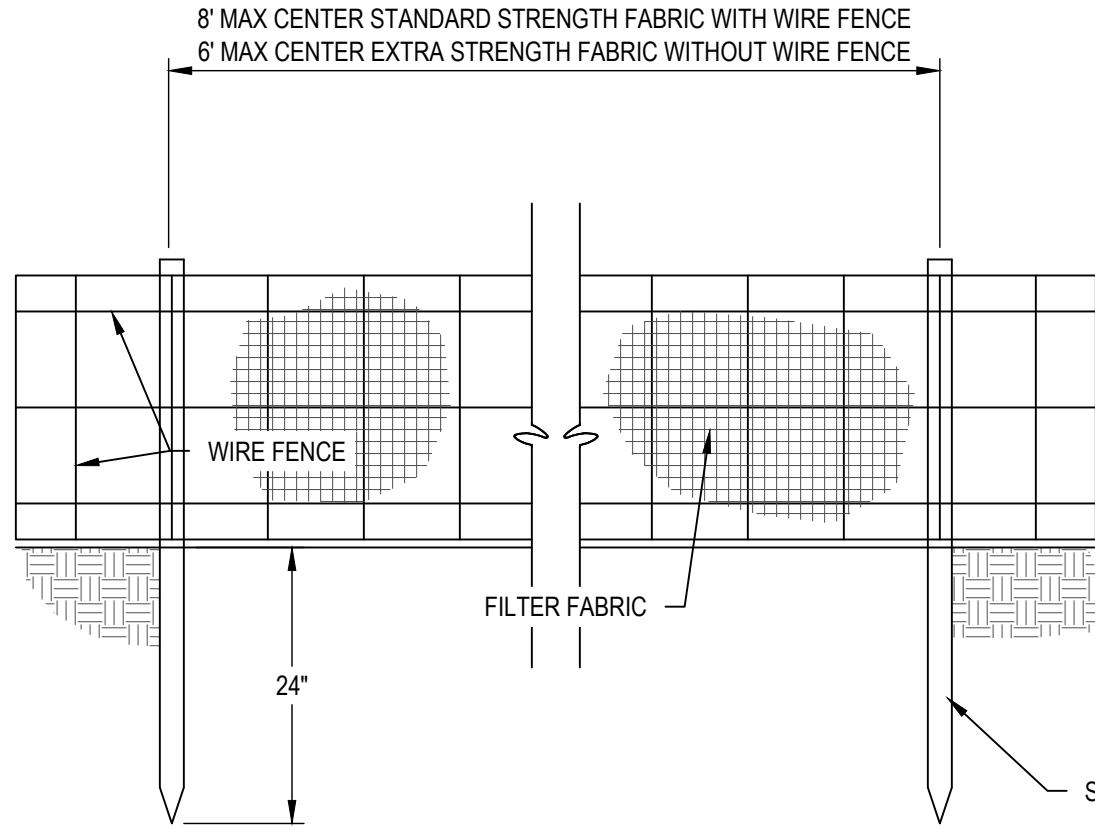
NOT TO SCALE



PLAN VIEW

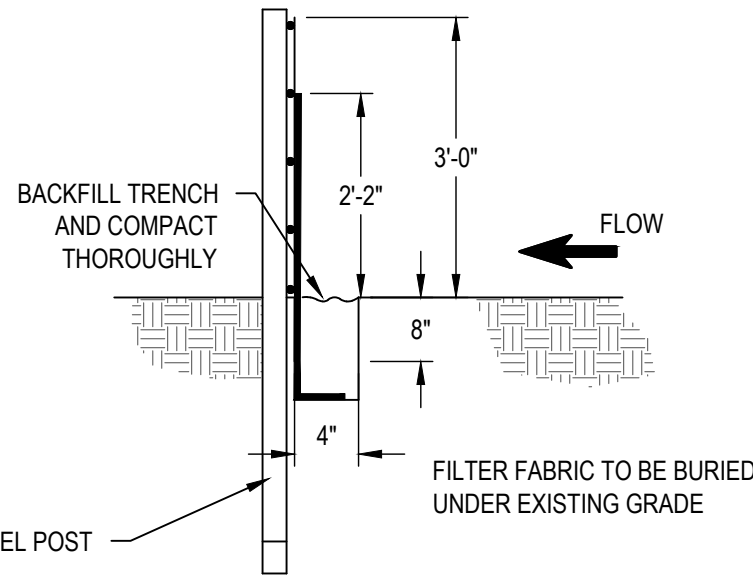
MAINTENANCE NOTE:

INSPECT THE BARRIER AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT (1/2 INCH OR GREATER) RAINFALL AND MAKE REPAIRS AS NEEDED. REMOVE SEDIMENT AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR SUBSEQUENT RAINS. WHEN THE CONTRIBUTING DRAINAGE AREA HAS BEEN ADEQUATELY STABILIZED, REMOVE ALL MATERIALS AND ANY UNSTABLE SOIL, AND EITHER SALVAGE OR DISPOSE OF IT PROPERLY. BRING THE DISTURBED AREA TO PROPER GRADE, THEN SMOOTH AND COMPACT IT. APPROPRIATELY STABILIZE ALL BARE AREAS AROUND THE INLET.



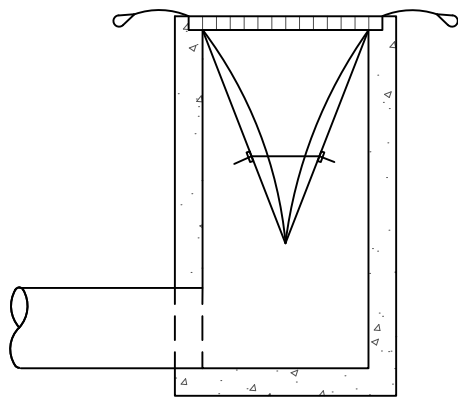
MAINTENANCE NOTES:

- INSPECT SEDIMENT FENCES AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL. MAKE ANY REQUIRED REPAIRS IMMEDIATELY.
- SHOULD THE FABRIC OF A SEDIMENT FENCE COLLAPSE, TEAR, DECOMPOSE OR BECOME INEFFECTIVE, REPLACE IT PROMPTLY.
- REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE. TAKE CARE TO AVOID UNDERMINING THE FENCE DURING CLEANOUT.
- REMOVE ALL FENCING MATERIALS AND UNSTABLE SEDIMENT DEPOSITS AND BRING THE AREA TO GRADE AND STABILIZE IT AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.

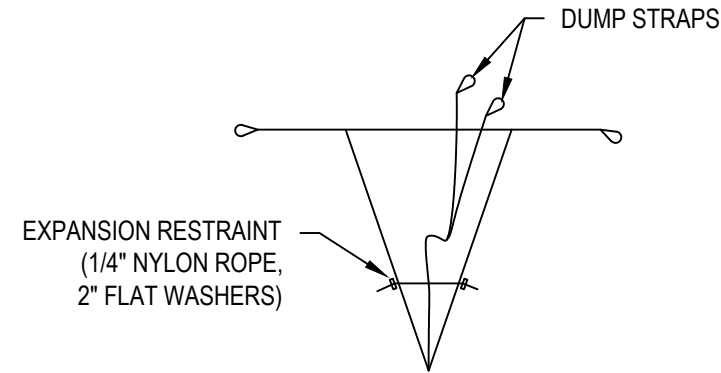


SILT FENCE

NOT TO SCALE



INSTALLATION DETAIL



MAINTENANCE NOTE:

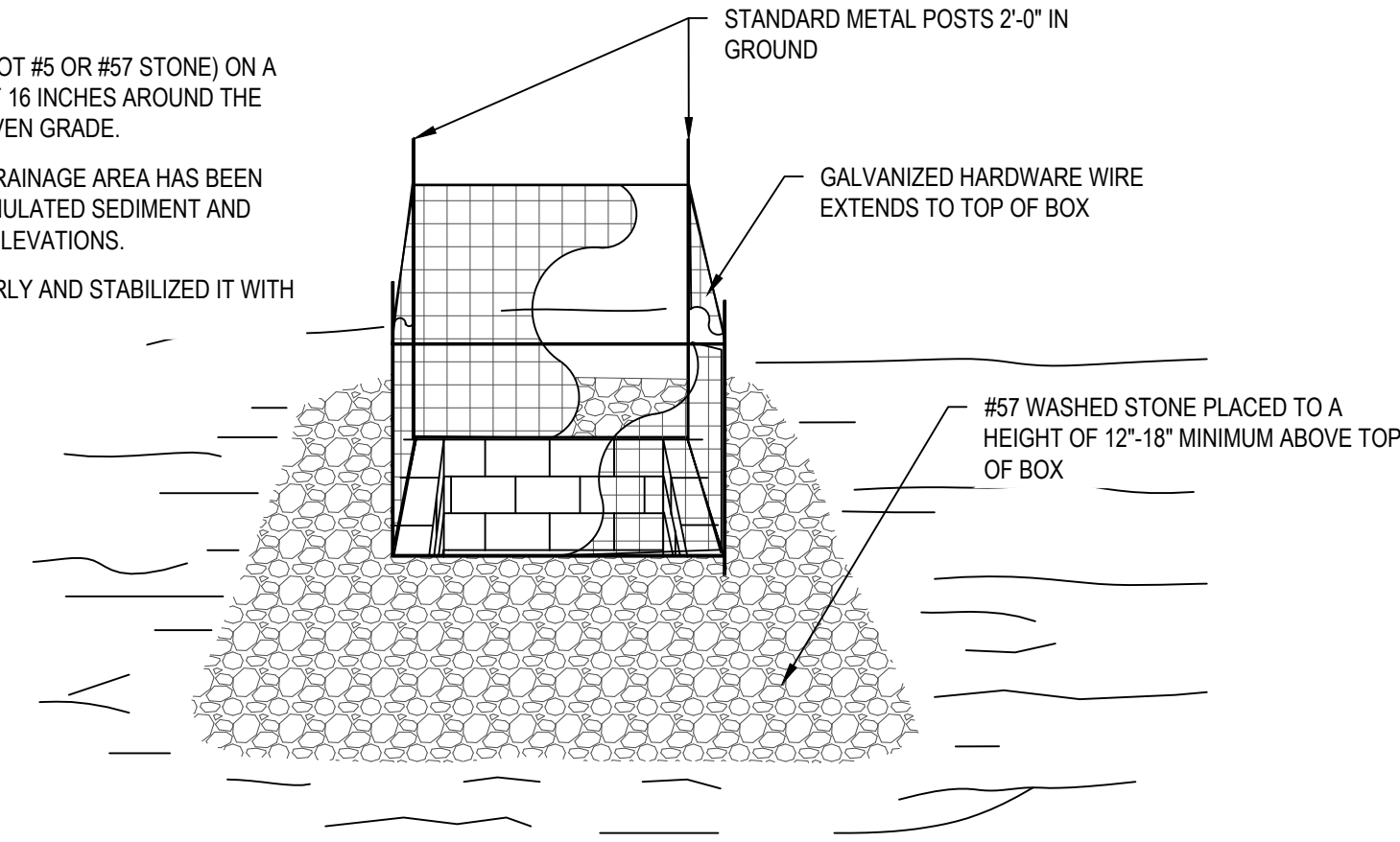
INSPECT INLETS AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT (1/2 INCH OR GREATER) RAINFALL EVENT. CLEAR THE SEDIMENT SACK OF ANY DEBRIS OR OTHER OBJECTS TO PROVIDE ADEQUATE FLOW FOR SUBSEQUENT RAINS. TAKE CARE NOT TO DAMAGE THE SEDIMENT SACK DURING SEDIMENT REMOVAL. REPLACE DAMAGED SEDIMENT SACKS IMMEDIATELY.

INLET SEDIMENT CONTROL DEVICE

NOT TO SCALE

HARDWARE CLOTH & GRAVEL INLET PROTECTION

NOT TO SCALE



MAINTENANCE NOTE:

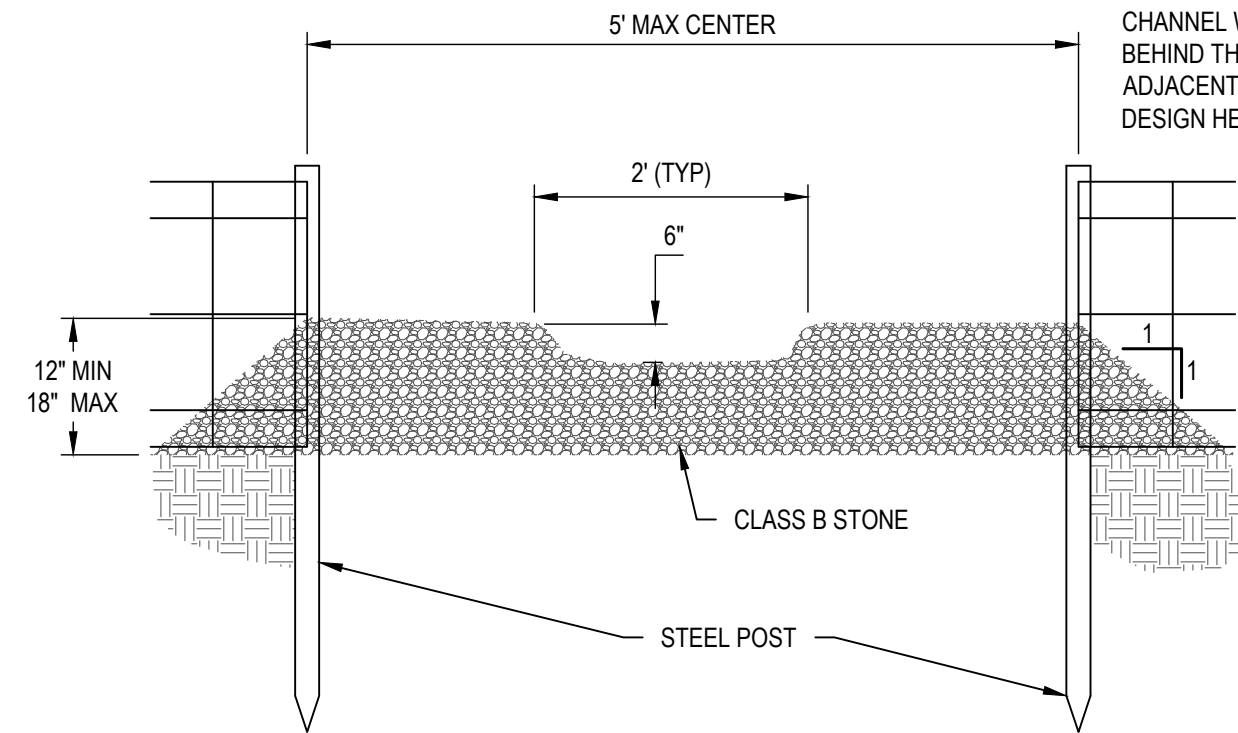
INSPECT INLETS AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT (1/2 INCH OR GREATER) RAINFALL EVENT. CLEAR THE MESH WIRE OF ANY DEBRIS OR OTHER OBJECTS TO PROVIDE ADEQUATE FLOW FOR SUBSEQUENT RAINS. TAKE CARE NOT TO DAMAGE OR UNDERCUT THE WIRE MESH DURING SEDIMENT REMOVAL. REPLACE STONE AS NEEDED.

NOTES

- UNIFORMLY GRADE A SHALLOW DEPRESSION APPROACHING THE INLET.
- DRIVE 5-FOOT STEEL POSTS 2 FEET INTO THE GROUND SURROUNDING THE INLET. SPACE POSTS EVENLY AROUND THE PERIMETER OF THE INLET A MAXIMUM OF 4 FEET APART.
- SURROUND THE POSTS WITH WIRE MESH HARDWARE CLOTH. SECURE THE WIRE MESH TO THE STEEL POSTS AT THE TOP, MIDDLE, AND BOTTOM. PLACE A 2-FOOT FLAP OF THE WIRE MESH UNDER THE GRAVEL FOR ANCHORING.
- PLACE CLEAN GRAVEL (NC DOT #5 OR #57 STONE) ON A 2:1 SLOPE WITH A HEIGHT OF 16 INCHES AROUND THE WIRE AND SMOOTH TO AN EVEN GRADE.
- ONCE THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED, REMOVE ACCUMULATED SEDIMENT AND ESTABLISH FINAL GRADING ELEVATIONS.
- COMPACT THE AREA PROPERLY AND STABILIZE IT WITH GROUND COVER.

MAINTENANCE NOTE:

INSPECT FOR SIGNIFICANT EROSION AROUND THE EDGES & BETWEEN SILT FENCE & OUTLET. INSTALL PROTECTIVE RIPRAP LINERS IN PORTIONS OF THE CHANNEL WHERE EROSION OCCURS. REMOVE SEDIMENT ACCUMULATED BEHIND THE OUTLETS AS REQUIRED PREVENTING DAMAGE TO SILT FENCE & ADJACENT VEGETATION. ADD STONES TO OUTLETS AS REQUIRED MAINTAINING DESIGN HEIGHT & CROSS SECTION.



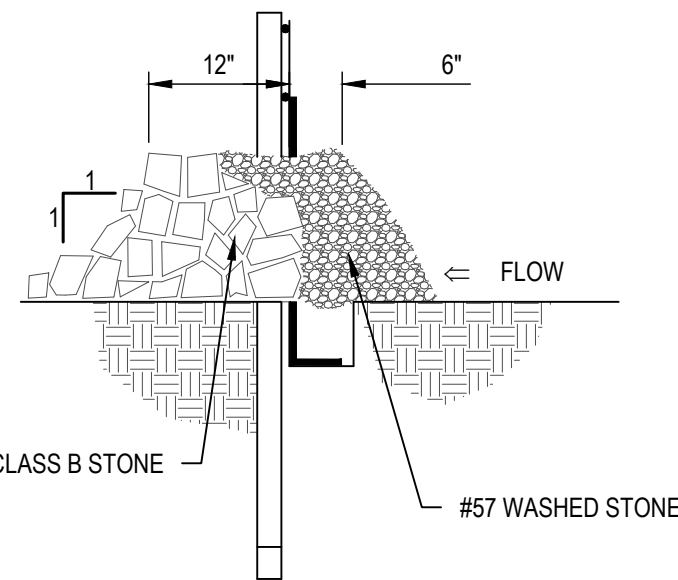
DAM SECTION

NOTE:

- POSTS TO BE BURIED A MINIMUM OF 24".

SILT FENCE OUTLET-STONE

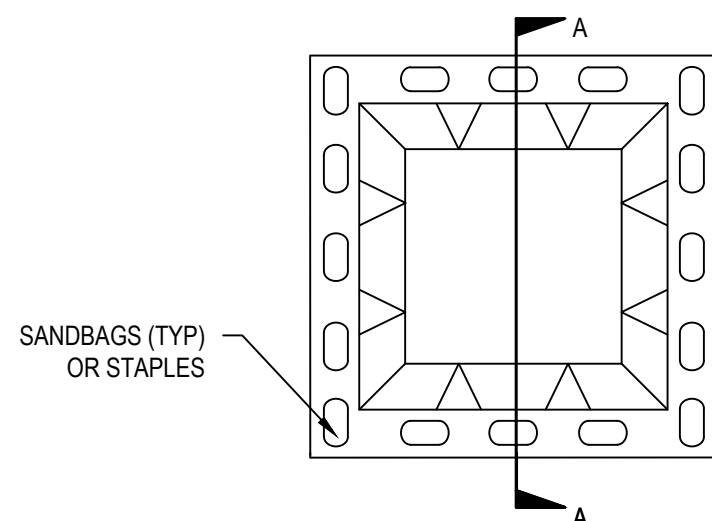
NOT TO SCALE



CROSS SECTION

EROSION CONTROL NOTES:

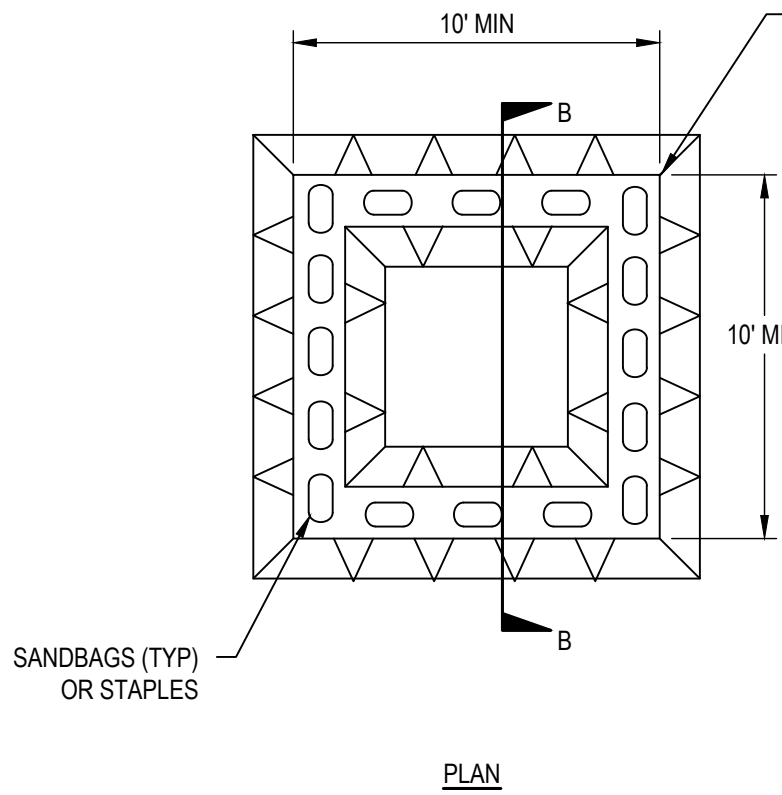
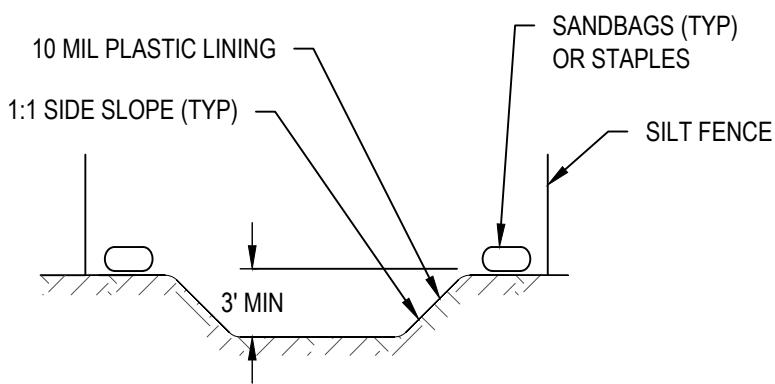
- CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING AND INSTALLING ALL EROSION CONTROL MEASURES TO ACCOUNT FOR ANY EROSION THAT MAY OCCUR.



MAINTENANCE NOTE:

- THE CONCRETE WASHOUT STRUCTURES SHALL BE MAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES CAPACITY.

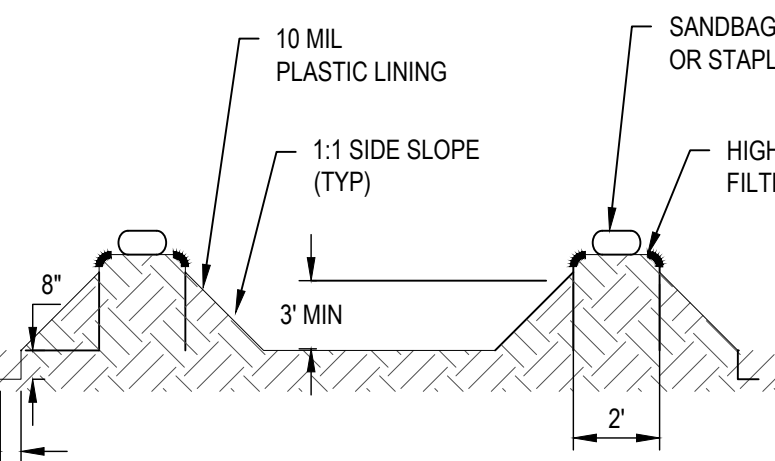
BELOW GRADE WASHOUT STRUCTURE



MAINTENANCE NOTE:

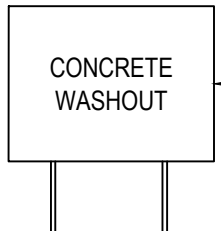
- THE CONCRETE WASHOUT STRUCTURES SHALL BE MAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES CAPACITY TO PROVIDE ADEQUATE HOLDING CAPACITY WITH A MINIMUM 12 INCHES OF FREEBOARD.

ABOVE GRADE WASHOUT STRUCTURE



NOTES:

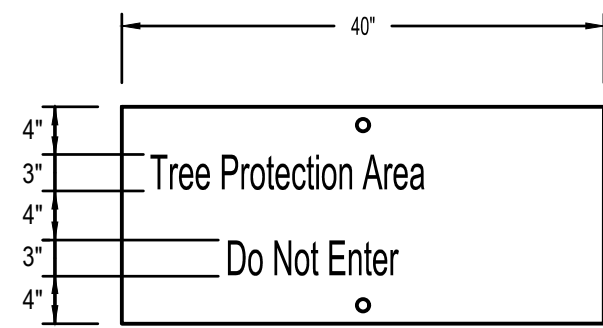
- ACTUAL LOCATION DETERMINED IN FIELD
- CONCRETE WASHOUT STRUCTURE NEEDS TO BE CLEARLY MARKED WITH SIGNAGE NOTING DEVICE.



CLEARLY MARKED SIGNAGE NOTING DEVICE (18"x24" MIN)

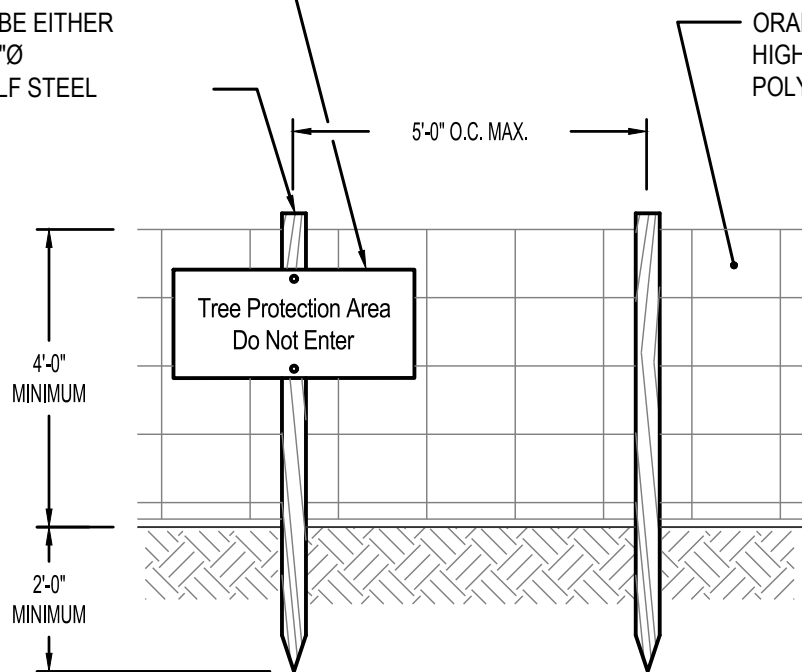
ONSITE CONCRETE WASHOUT STRUCTURE WITH LINER

NOT TO SCALE



WEATHERPROOF SIGN AS SHOWN ABOVE. SEE NOTES BELOW FOR CONSTRUCTION AND SPACING DATA.

POST MAY BE EITHER 4"x4" PINE, 2"x4" OR 1.33 lb./LF STEEL

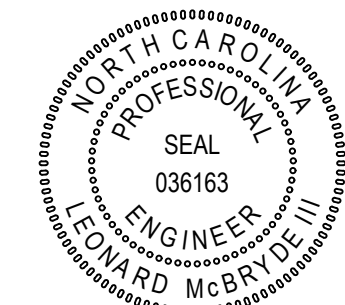


NOTES:

- WARNING SIGNS TO BE MADE OF DURABLE, WEATHERPROOF MATERIAL.
- LETTERS ARE TO BE 3" HIGH MIN., CLEARLY LEGIBLE AND SPACED AS DETAILED.
- SIGNS ARE TO BE PLACED NO GREATER THAN 200' ON CENTER.
- PLACE SIGN AT EACH END OF LINEAR TREE PROTECTION AREA AND ON CENTER THEREAFTER FOR TREE PROTECTION AREAS LESS THAN 200' IN PERIMETER. PROVIDE NO LESS THAN ONE SIGN PER PROTECTION AREA.
- ATTACH SIGNS SECURELY TO FENCE POST AND FABRIC.
- MAINTAIN TREE PROTECTION FENCE THROUGHOUT DURATION OF PROJECT.

TREE PROTECTION FENCE

NTS



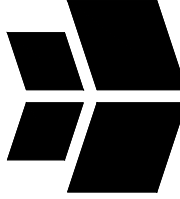
WR Job No. 06211005.00 DATE 01/25/2023  
DRN: DAC DGN: DAC CKD: LM

EROSION CONTROL DETAILS

C1.00

WithersRavenel

115 McKean Drive | Cary, NC 27511  
License #: F-1479 | t: 919.469.3340 | www.withersravenel.com



ROBESON COUNTY  
550 NORTH CHESTNUT STREET  
LUMBERTON, NC 29388

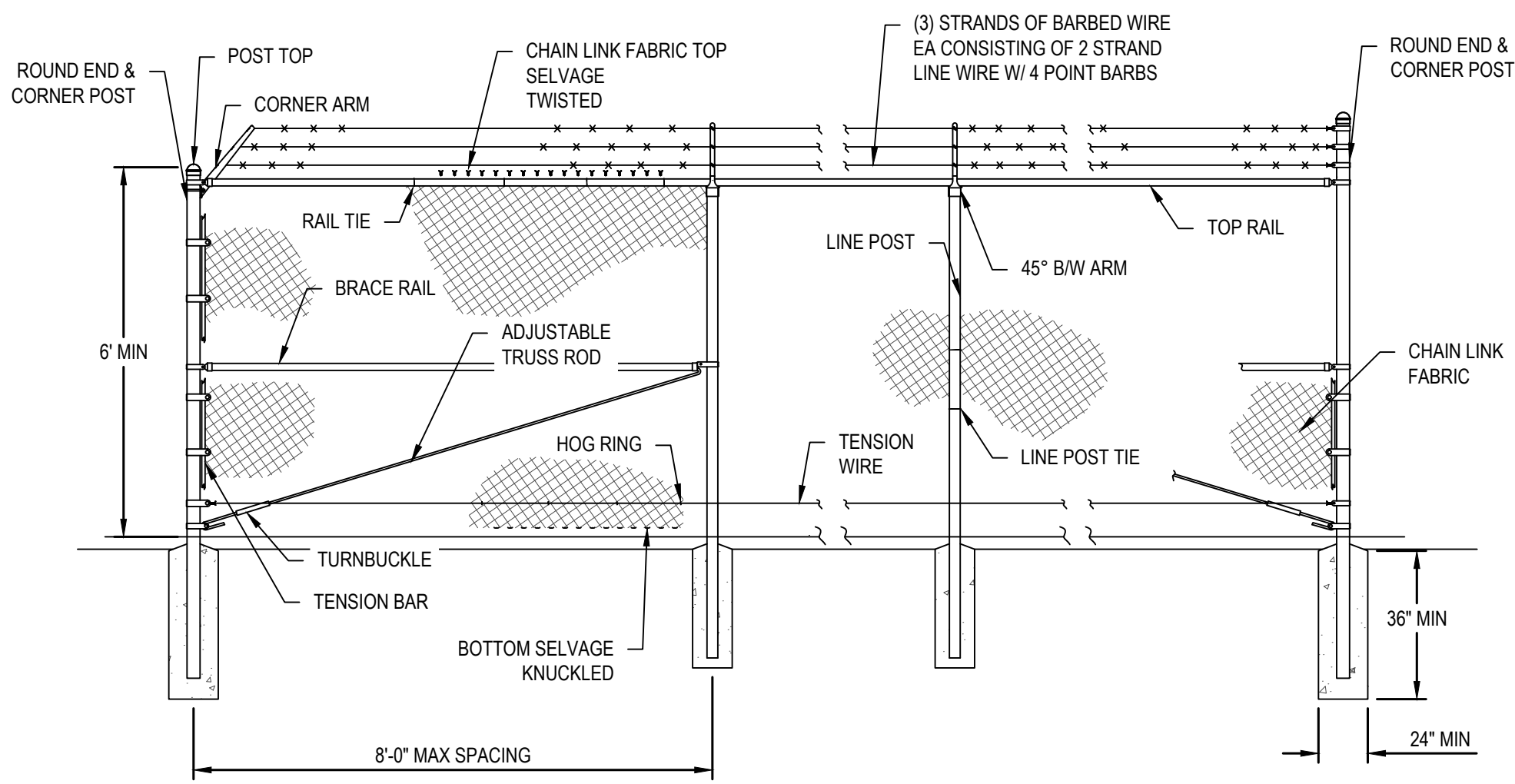
CONSTRUCTION PLANS  
ROBESON COUNTY  
MAXTON GENERATORS  
CRI-155-0014

MAXTON, NC 28344 | ROBESON

our people • your success



\\withersravel.com\wrcorp\robeson\WRShare\generators\21151-10002-11005-robeson-co-maxton-generator-project\CAD\drawing sets\construction\1.DWG\15.dwg, Wednesday, January 25, 2023 1:57:59 PM - ACHIEK



CHAIN LINK FENCE  
NOT TO SCALE

WR Job No.	DATE
06211005-00	01/25/2023
DRN: DAC	DGN: DAC
CKD: LM	

STANDARD  
DETAILS

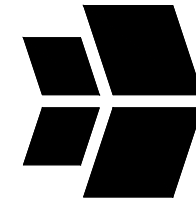
C1.01



CONSTRUCTION PLANS  
**ROBESON COUNTY**  
**MAXTON GENERATORS**  
**CRI-155-0014**

MAXTON, NC 28364 | ROBESON

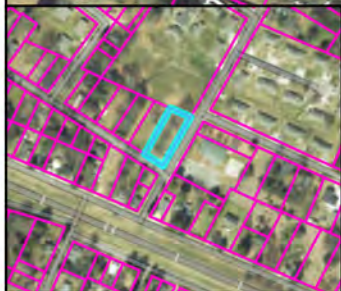
**ROBESON COUNTY**  
550 NORTH CHESTNUT STREET  
LUMBERTON, NC 29388



**WithersRavenel**  
115 McKean Drive | Cary, NC 27511  
License #: F-1479 | t: 919.469.3340 | www.withersravenel.com

**Maxton Sewer Lift Station No. 5**  
**303 N. Hooper Street, Maxton, NC 28364**





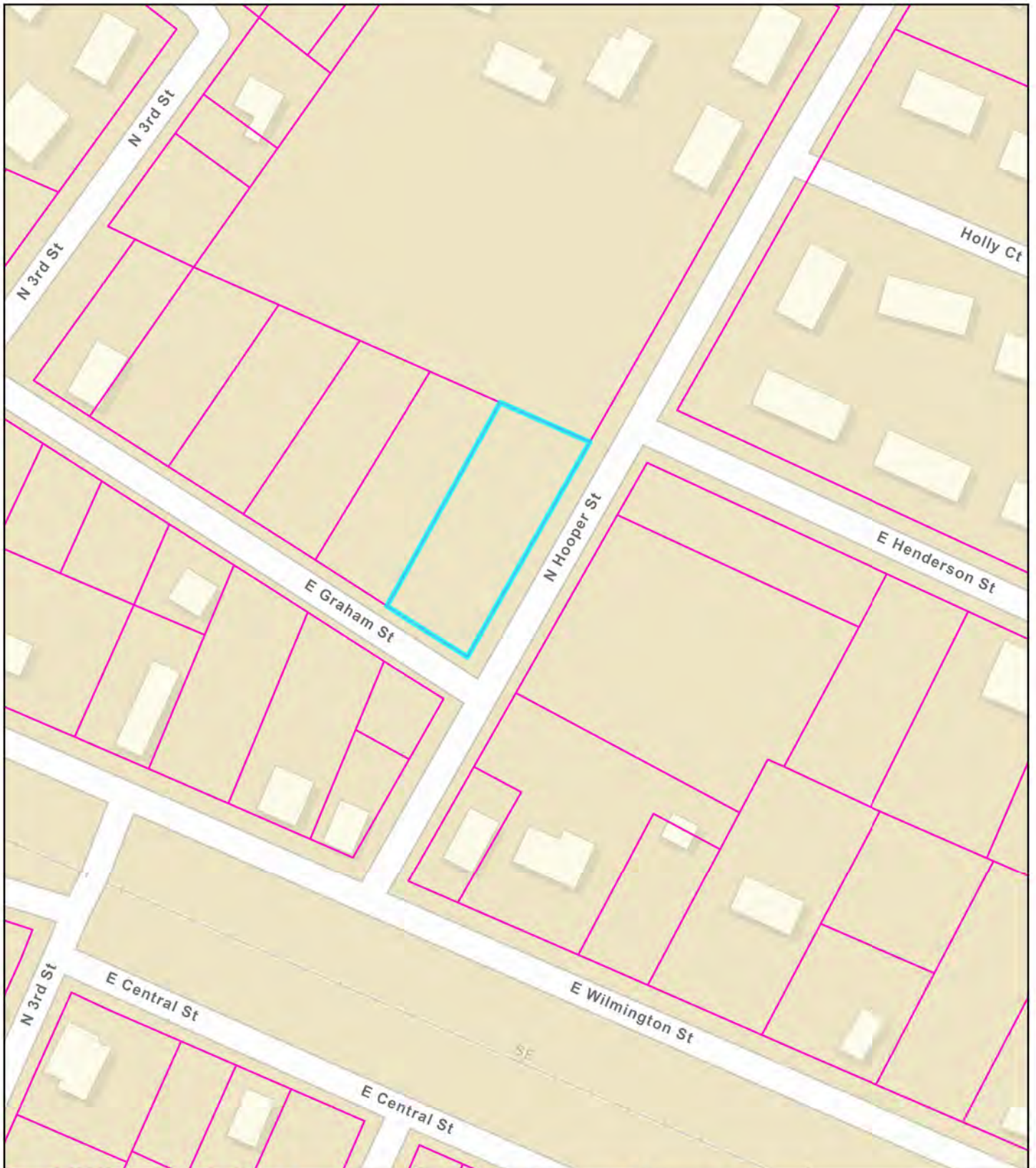
**Maxton Sewer Lift Station Generators**  
**No. 5, 303 N. Hooper Street**  
**Maxton, Robeson County, NC**

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



0 90 180 360  
Feet





**Maxton Sewer Lift Station Generators**  
**No. 5, 303 N. Hooper Street**  
**Maxton, Robeson County, NC**

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



0 90 180 360  
Feet





**Maxton Sewer Lift Station Generators**  
**No. 5, 303 N. Hooper Street**  
**Maxton, Robeson County, NC**

USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National



0 90 180 360  
Feet



## 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:

January 10, 2023

Project Code: 2023-0032573

Project Name: Town of Maxton Sewer Lift Station Generators - SLS No. 5

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>.

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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

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## Endangered Species Act Species

There is a total of 5 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries<sup>1</sup>, 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.

### Mammals

NAME	STATUS
Tricolored Bat <i>Perimyotis subflavus</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/10515">https://ecos.fws.gov/ecp/species/10515</a>	Proposed Endangered

### Birds

NAME	STATUS
Red-cockaded Woodpecker <i>Picoides borealis</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/7614">https://ecos.fws.gov/ecp/species/7614</a>	Endangered

### Reptiles

NAME	STATUS
American Alligator <i>Alligator mississippiensis</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/776">https://ecos.fws.gov/ecp/species/776</a>	Similarity of Appearance (Threatened)

### Insects

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/9743">https://ecos.fws.gov/ecp/species/9743</a>	Candidate

## Flowering Plants

NAME	STATUS
Michaux's Sumac <i>Rhus michauxii</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/5217">https://ecos.fws.gov/ecp/species/5217</a>	Endangered

## Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

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# Migratory Birds

Certain birds are protected under the Migratory Bird Treaty Act<sup>1</sup> and the Bald and Golden Eagle Protection Act<sup>2</sup>.

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
<b>American Kestrel <i>Falco sparverius paulus</i></b> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA <a href="https://ecos.fws.gov/ecp/species/9587">https://ecos.fws.gov/ecp/species/9587</a>	Breeds Apr 1 to Aug 31
<b>Bald Eagle <i>Haliaeetus leucocephalus</i></b> 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
<b>Red-headed Woodpecker <i>Melanerpes erythrocephalus</i></b> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 10 to Sep 10

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## 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.

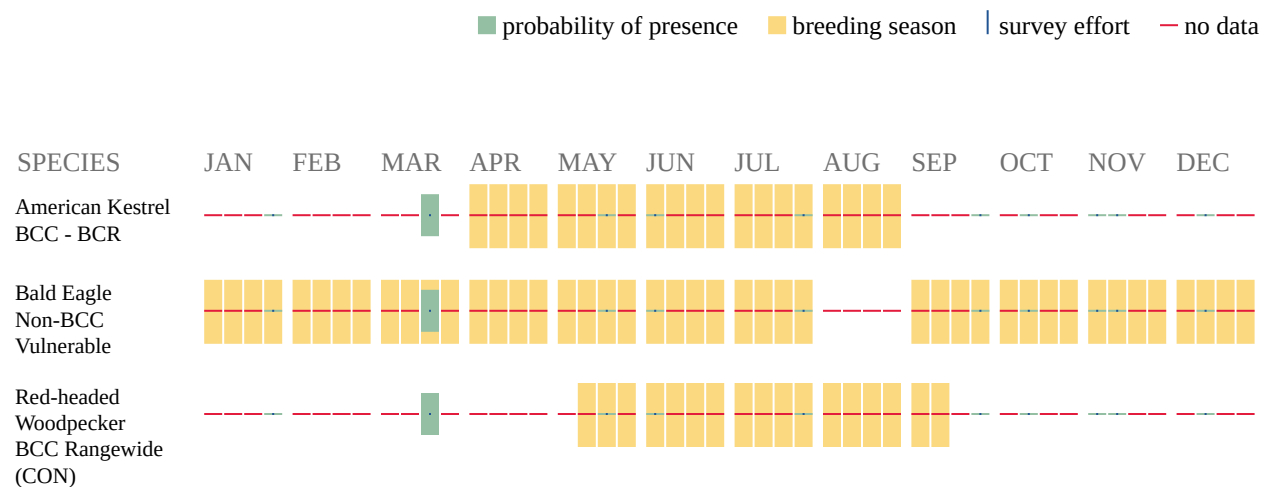
### No Data (—)

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-incident-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 list of migratory birds that potentially occur 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 [Rapid Avian Information Locator \(RAIL\) 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 or migrating in my 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 query your location using the [RAIL Tool](#) and look at the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. 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.

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**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

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Roy Cooper, Governor

D. Reid Wilson, Secretary

Misty Buchanan  
Deputy Director, Natural Heritage Program

NCNHDE-20682

January 28, 2023

Andrea Gievers  
NCORR  
P.O. Box 110465  
Durham, NC 27709  
RE: Town of Maxton Sewer Lift Station Generators - SLS No. 5

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](mailto: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  
Town of Maxton Sewer Lift Station Generators - SLS No. 5  
January 28, 2023  
NCNHDE-20682

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
Amphibian	3150	Ambystoma mabeei	Mabee's Salamander	1978-01	H	3-Medium	---	Threatened	G4	S2
Amphibian	39661	Pseudacris nigrita	Southern Chorus Frog	1976-05-01	H	4-Low	---	Special Concern	G5	S2
Dragonfly or Damselfly	33769	Somatochlora georgiana	Coppery Emerald	2004-Pre	H?	5-Very Low	---	Significantly Rare	G3G4	S1?
Dragonfly or Damselfly	33789	Triacanthagyna trifida	Phantom Darner	2004-Pre	H?	5-Very Low	---	Significantly Rare	G5	SH

No Natural Areas are Documented Within a One-mile Radius of the Project Area

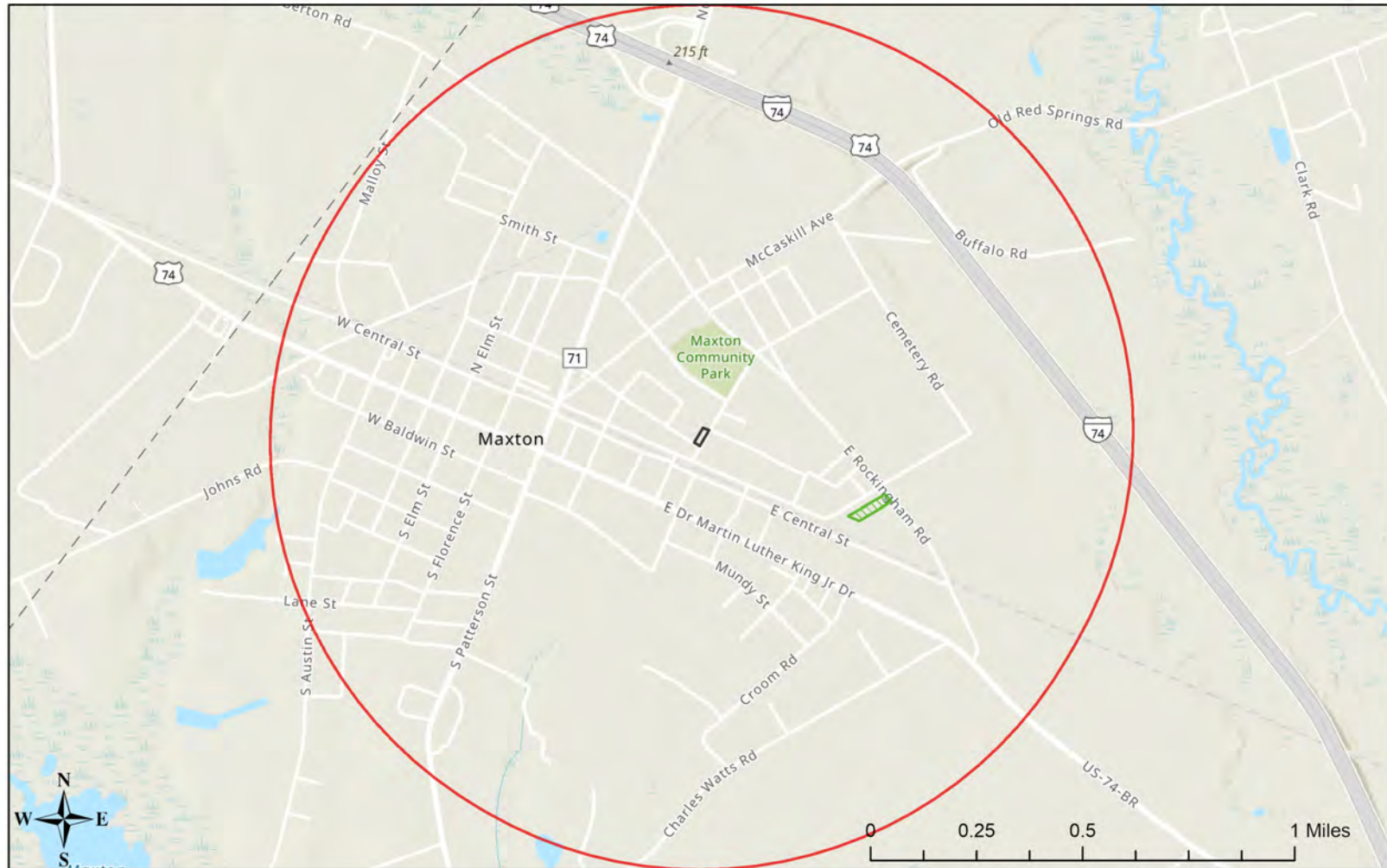
Managed Areas Documented Within a One-mile Radius of the Project Area

Managed Area Name	Owner	Owner Type
Robeson County Open Space	Robeson County	Local Government




Definitions and an explanation of status designations and codes can be found at <https://ncnhde.natureserve.org/help>. Data query generated on January 28, 2023; source: NCNHP, Q3, October 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-20682: Town of Maxton Sewer Lift Station Generators - SLS No. 5



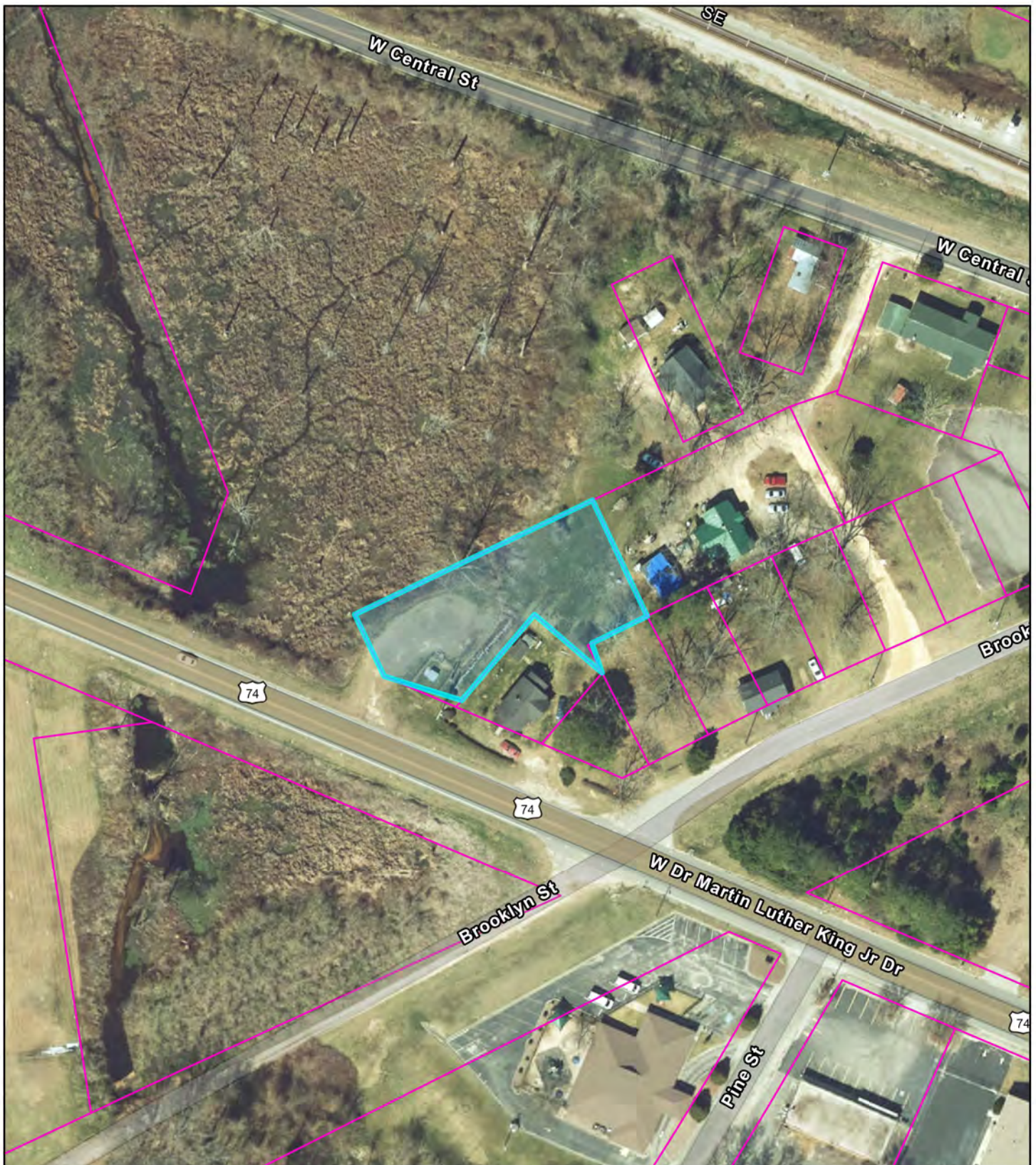
January 28, 2023

-  Managed Area (MAREA)
-  Buffered Project Boundary
-  Project Boundary

Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community  
 Sources: Esri, HERE, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

**Maxton Sewer Lift Station No. 7**  
**904 US 74 BUS, Maxton, NC 28364**





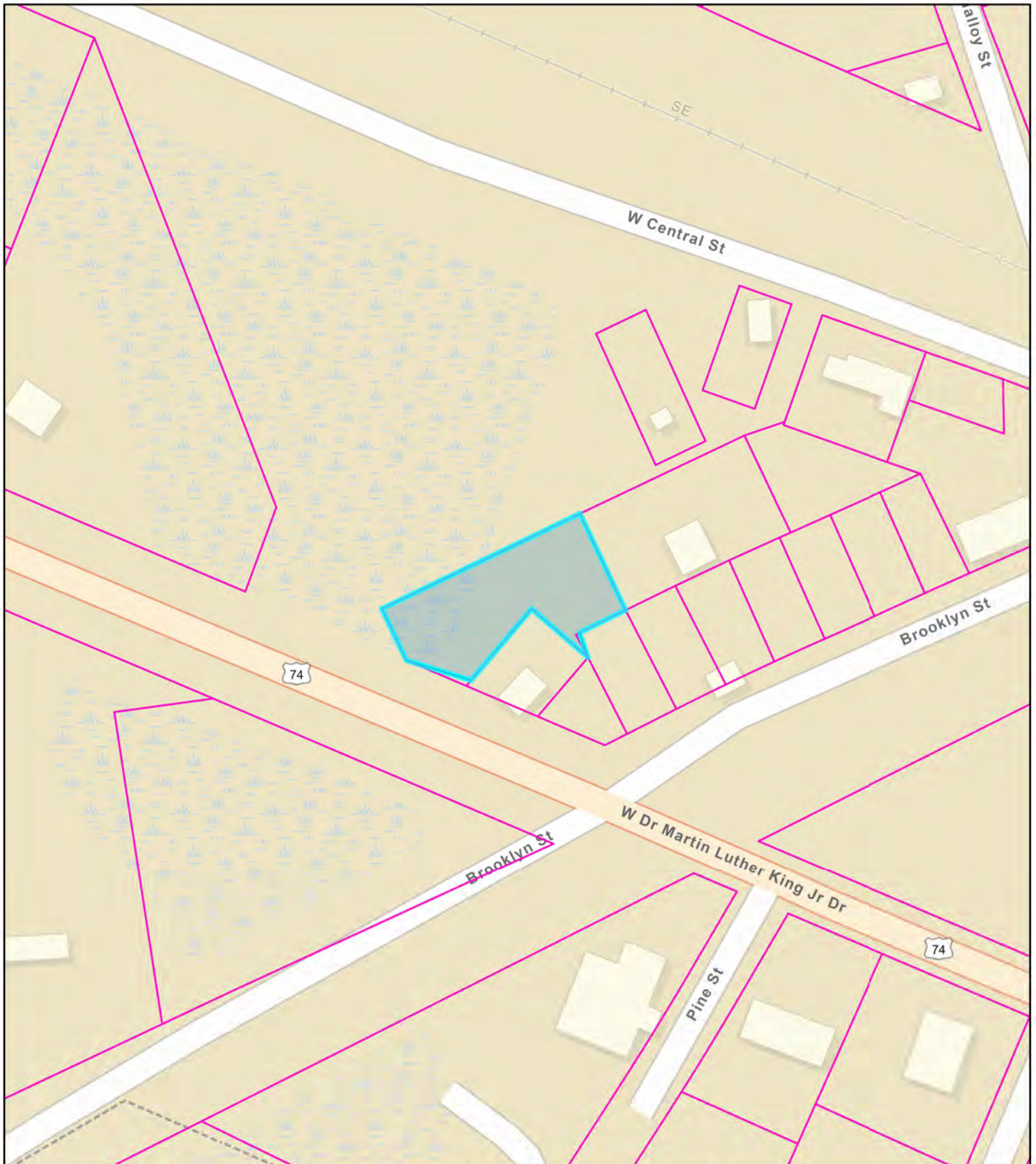
**Maxton Sewer Lift Station Generators**  
**No. 7, 904 US 74 Business**  
**Maxton, Robeson County, NC**

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



0 35 70 140  
Feet





**Maxton Sewer Lift Station Generators**  
**No. 7, 904 US 74 Business**  
**Maxton, Robeson County, NC**

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



0 40 80 160 Feet





**Maxton Sewer Lift Station Generators**  
**No. 7, 904 US 74 Business**  
**Maxton, Robeson County, NC**

USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National



0 40 80 160  
Feet



## 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:

January 10, 2023

Project Code: 2023-0032582

Project Name: Town of Maxton Sewer Lift Station Generators - SLS No. 7

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>.

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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

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## Endangered Species Act Species

There is a total of 5 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries<sup>1</sup>, 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.

### Mammals

NAME	STATUS
Tricolored Bat <i>Perimyotis subflavus</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/10515">https://ecos.fws.gov/ecp/species/10515</a>	Proposed Endangered

### Birds

NAME	STATUS
Red-cockaded Woodpecker <i>Picoides borealis</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/7614">https://ecos.fws.gov/ecp/species/7614</a>	Endangered

### Reptiles

NAME	STATUS
American Alligator <i>Alligator mississippiensis</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/776">https://ecos.fws.gov/ecp/species/776</a>	Similarity of Appearance (Threatened)

### Insects

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/9743">https://ecos.fws.gov/ecp/species/9743</a>	Candidate

## Flowering Plants

NAME	STATUS
Michaux's Sumac <i>Rhus michauxii</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/5217">https://ecos.fws.gov/ecp/species/5217</a>	Endangered

## 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 Act<sup>1</sup> and the Bald and Golden Eagle Protection Act<sup>2</sup>.

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
<b>American Kestrel <i>Falco sparverius paulus</i></b> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA <a href="https://ecos.fws.gov/ecp/species/9587">https://ecos.fws.gov/ecp/species/9587</a>	Breeds Apr 1 to Aug 31
<b>Bald Eagle <i>Haliaeetus leucocephalus</i></b> 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
<b>Red-headed Woodpecker <i>Melanerpes erythrocephalus</i></b> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 10 to Sep 10

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## 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 (|)

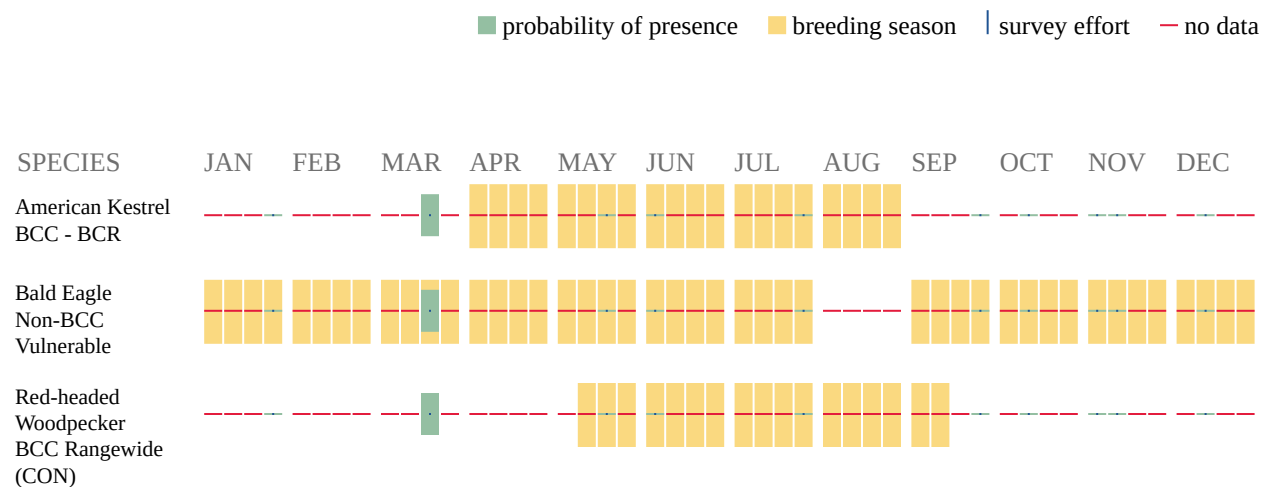
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

### 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-incident-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 list of migratory birds that potentially occur 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 [Rapid Avian Information Locator \(RAIL\) 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 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 or migrating in my 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 query your location using the [RAIL Tool](#) and look at the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. 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.

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## **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

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Roy Cooper, Governor

D. Reid Wilson, Secretary

Misty Buchanan  
Deputy Director, Natural Heritage Program

NCNHDE-20683

January 28, 2023

Andrea Gievers  
NCORR  
P.O. Box 110465  
Durham, NC 27709  
RE: Town of Maxton Sewer Lift Station Generators - SLS No. 7

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](mailto: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  
Town of Maxton Sewer Lift Station Generators - SLS No. 7  
January 28, 2023  
NCNHDE-20683

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
Amphibian	3150	Ambystoma mabeei	Mabee's Salamander	1978-01	H	3-Medium	---	Threatened	G4	S2
Amphibian	39661	Pseudacris nigrita	Southern Chorus Frog	1976-05-01	H	4-Low	---	Special Concern	G5	S2
Dragonfly or Damselfly	33769	Somatochlora georgiana	Coppery Emerald	2004-Pre	H?	5-Very Low	---	Significantly Rare	G3G4	S1?
Dragonfly or Damselfly	33777	Somatochlora georgiana	Coppery Emerald	2004-Pre	H?	5-Very Low	---	Significantly Rare	G3G4	S1?
Dragonfly or Damselfly	33789	Triacanthagyna trifida	Phantom Darner	2004-Pre	H?	5-Very Low	---	Significantly Rare	G5	SH
Freshwater Fish	31810	Enneacanthus chaetodon	Blackbanded Sunfish	1966-01-16	H	3-Medium	---	Significantly Rare	G3G4	S3
Natural Community	25666	Coastal Plain Small Stream Swamp	---	2017	B	2-High	---	---	G4?	S4

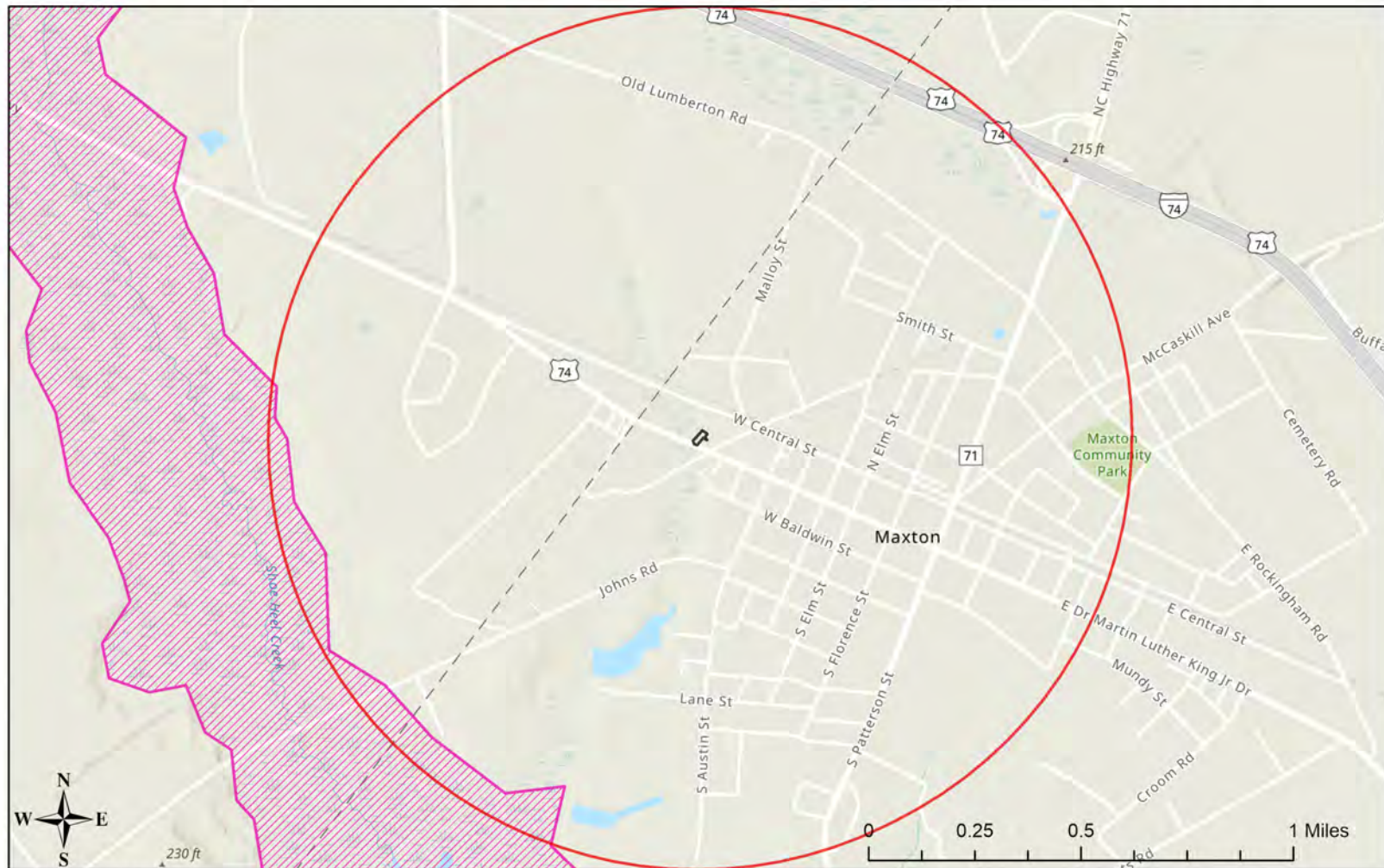
Natural Areas Documented Within a One-mile Radius of the Project Area

Site Name	Representational Rating	Collective Rating
Shoe Heel Creek Floodplain	R5 (General)	C5 (General)

No Managed Areas are Documented Within a One-mile Radius of the Project Area

Definitions and an explanation of status designations and codes can be found at <https://ncnhde.natureserve.org/help>. Data query generated on January 28, 2023; source: NCNHP, Q3, October 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-20683: Town of Maxton Sewer Lift Station Generators - SLS No. 7



January 28, 2023

- NHP Natural Area (NHNA)
- Buffered Project Boundary
- Project Boundary

Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyreisen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community.  
 Sources: Esri, HERE, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

**Maxton Sewer Lift Station No. 10**  
**627 NC Highway 71N, Maxton, NC 28364**





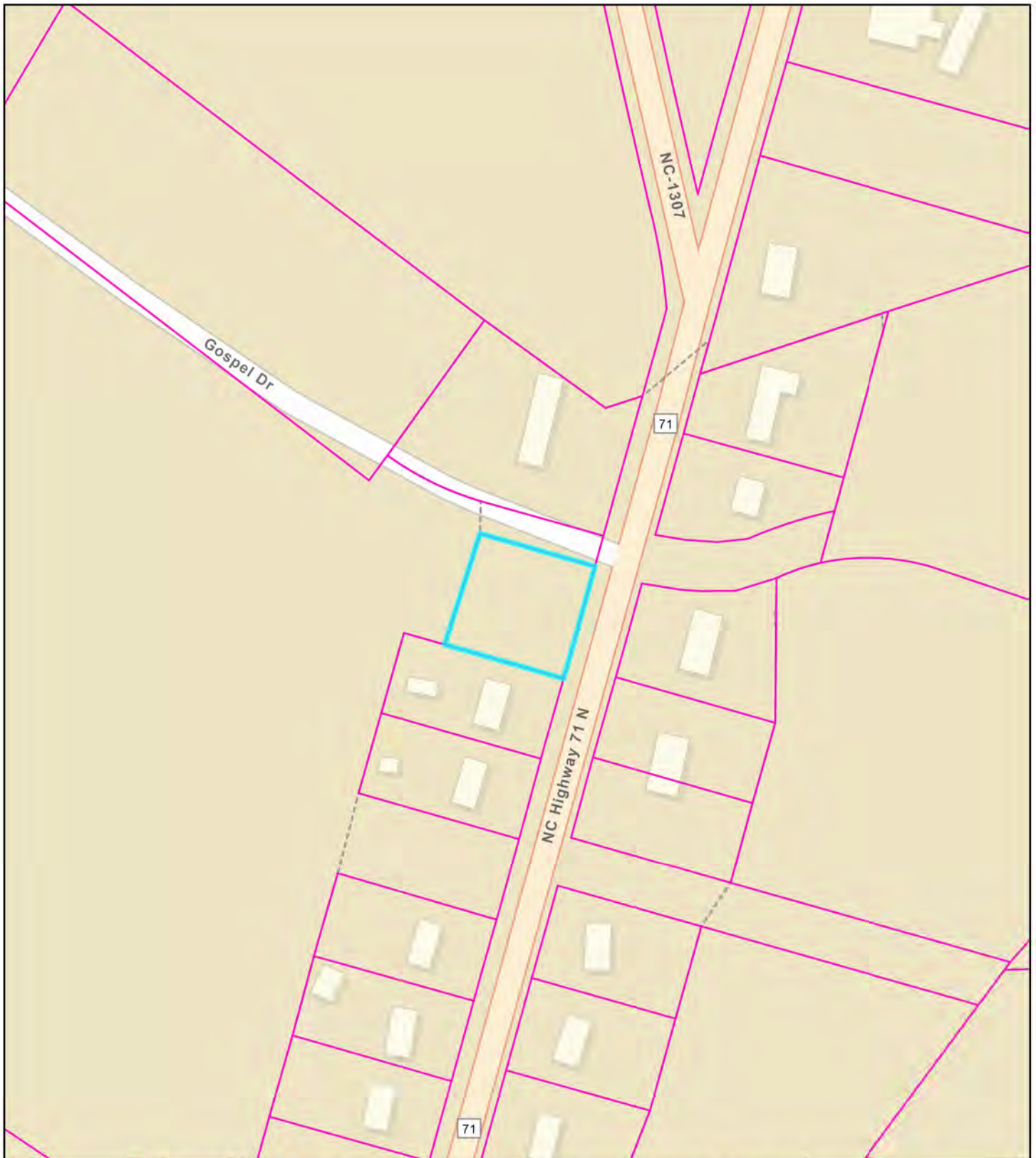
**Maxton Sewer Lift Station Generators**  
**No. 10, 627 NC Highway 71N**  
**Maxton, Robeson County, NC**

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



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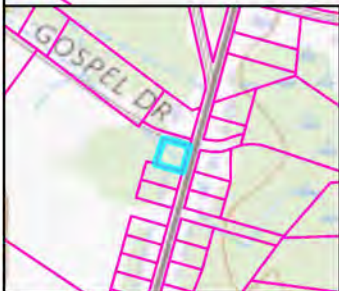
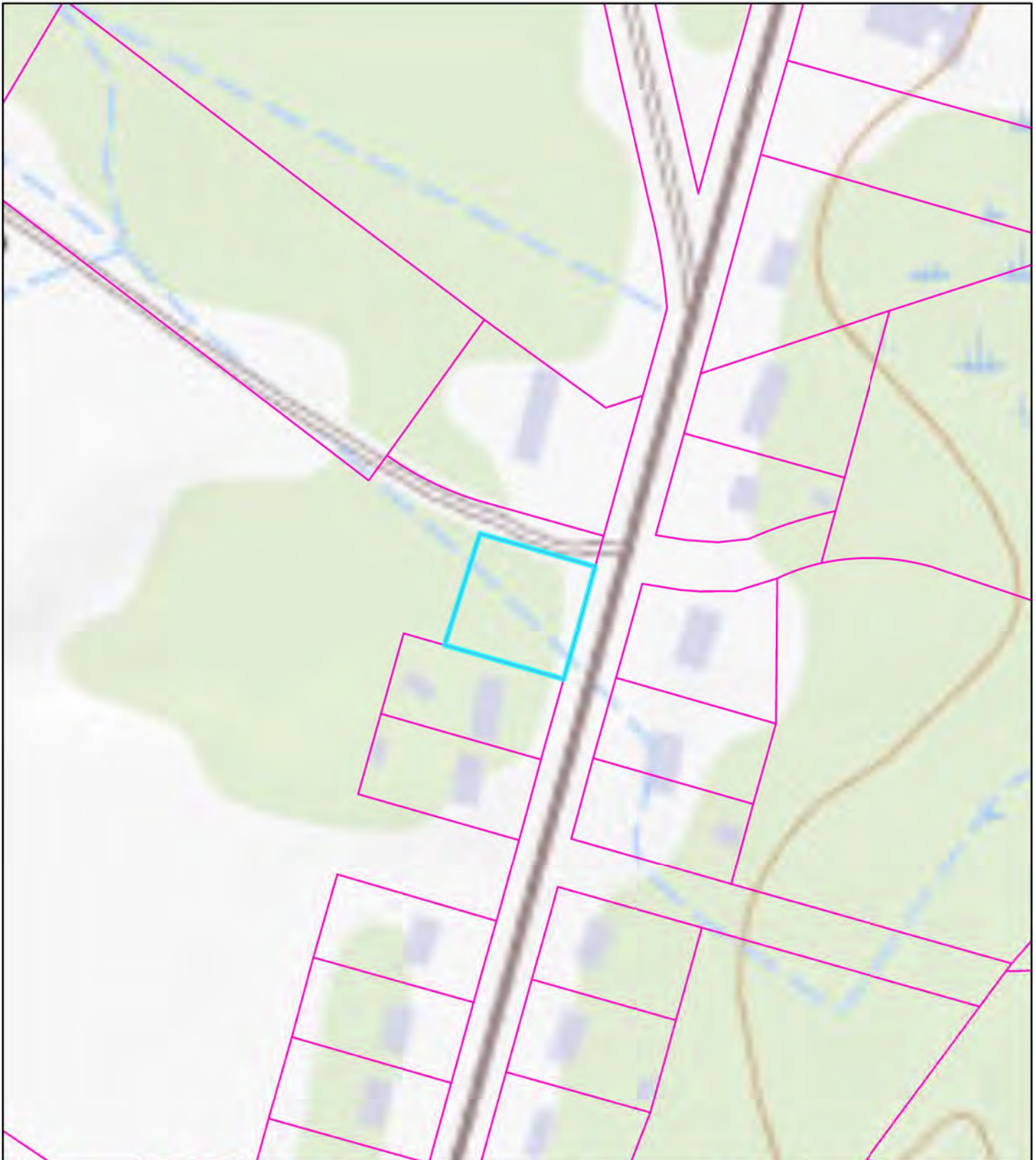
**Maxton Sewer Lift Station Generators**  
**No. 10, 627 NC Highway 71N**  
**Maxton, Robeson County, NC**

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



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**Maxton Sewer Lift Station Generators**  
**No. 10, 627 NC Highway 71N**  
**Maxton, Robeson County, NC**

USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National



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## 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:

January 10, 2023

Project Code: 2023-0032584

Project Name: Town of Maxton Sewer Lift Station Generators - SLS No. 10

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/eo-13186.php>.

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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

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## Project Summary

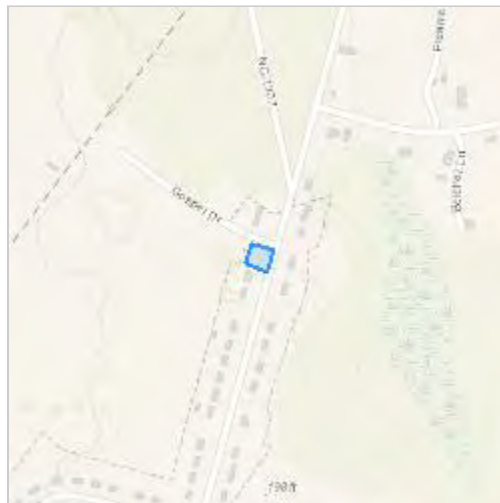
Project Code: 2023-0032584  
Project Name: Town of Maxton Sewer Lift Station Generators - SLS No. 10  
Project Type: Wastewater Facility - Maintenance / Modification  
Project Description: Maxton Sewer Lift Station No. 10, 627 NC Highway 71N, Maxton, NC 28364.

During the Hurricane Matthew storm event, the Town of Maxton lost primary power for an extended time, which adversely impacted the Town's ability to maintain its sewage treatment facility and peripheral sewage lift stations. The loss of sewage treatment capacity caused an immediate threat to the health and safety of the Town's residents. This proposed project will utilize CDBG-DR funding to install auxiliary power generators at four (4) sewage lift stations which move raw sewage from neighborhoods in the Town to the central processing facility and mitigate against potential backups and lack of capacity during future storm events.

The proposed project will involve the purchase and installation of four (4) generator packages, to include integrated diesel fuel tanks, automatic transfer switching, wiring connections, electrical panels, mounting pads, and the generators. The generators will provide auxiliary power at four sewage lift stations during power outages such as that experienced during Hurricane Matthew.

### Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@34.75795005,-79.34045902487773,14z>



Counties: Robeson County, North Carolina

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## Endangered Species Act Species

There is a total of 5 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries<sup>1</sup>, 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.

### Mammals

NAME	STATUS
Tricolored Bat <i>Perimyotis subflavus</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/10515">https://ecos.fws.gov/ecp/species/10515</a>	Proposed Endangered

### Birds

NAME	STATUS
Red-cockaded Woodpecker <i>Picoides borealis</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/7614">https://ecos.fws.gov/ecp/species/7614</a>	Endangered

### Reptiles

NAME	STATUS
American Alligator <i>Alligator mississippiensis</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/776">https://ecos.fws.gov/ecp/species/776</a>	Similarity of Appearance (Threatened)

### Insects

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/9743">https://ecos.fws.gov/ecp/species/9743</a>	Candidate

## Flowering Plants

NAME	STATUS
Michaux's Sumac <i>Rhus michauxii</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/5217">https://ecos.fws.gov/ecp/species/5217</a>	Endangered

## 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 Act<sup>1</sup> and the Bald and Golden Eagle Protection Act<sup>2</sup>.

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
<b>American Kestrel <i>Falco sparverius paulus</i></b> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA <a href="https://ecos.fws.gov/ecp/species/9587">https://ecos.fws.gov/ecp/species/9587</a>	Breeds Apr 1 to Aug 31
<b>Bald Eagle <i>Haliaeetus leucocephalus</i></b> 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
<b>Red-headed Woodpecker <i>Melanerpes erythrocephalus</i></b> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 10 to Sep 10

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## 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 (|)

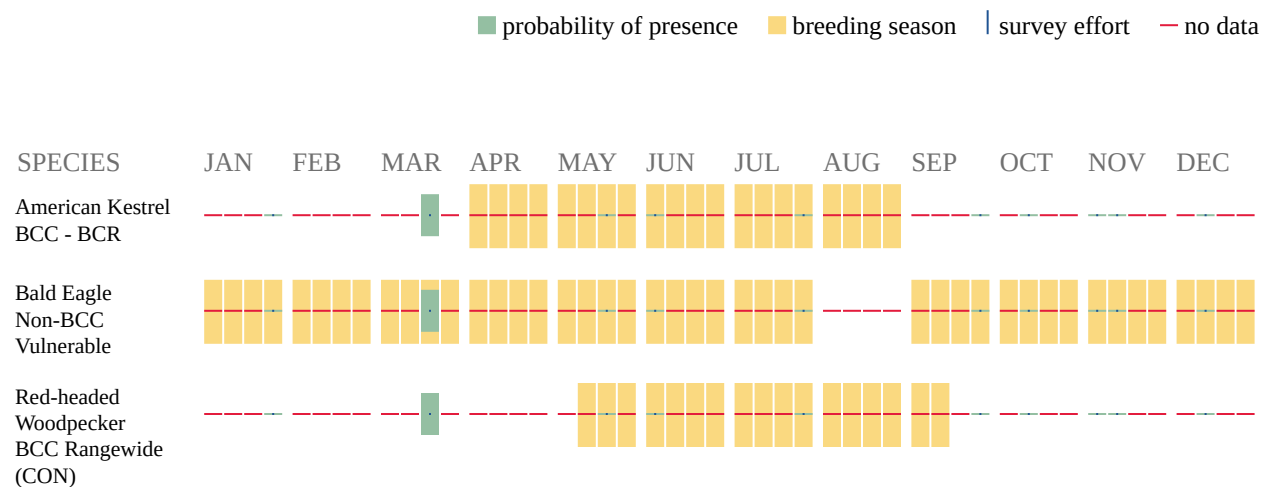
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

### 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-incident-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 list of migratory birds that potentially occur 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 [Rapid Avian Information Locator \(RAIL\) 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 or migrating in my 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 query your location using the [RAIL Tool](#) and look at the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. 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.

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**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

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Roy Cooper, Governor

D. Reid Wilson, Secretary

Misty Buchanan  
Deputy Director, Natural Heritage Program

NCNHDE-20684

January 28, 2023

Andrea Gievers  
NCORR  
P.O. Box 110465  
Durham, NC 27709  
RE: Town of Maxton Sewer Lift Station Generators - SLS No. 10

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](mailto: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  
Town of Maxton Sewer Lift Station Generators - SLS No. 10  
January 28, 2023  
NCNHDE-20684

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
Amphibian	3150	Ambystoma mabeei	Mabee's Salamander	1978-01	H	3-Medium	---	Threatened	G4	S2
Amphibian	37058	Ambystoma tigrinum	Eastern Tiger Salamander	1965-02-07	H	4-Low	---	Threatened	G5	S2
Amphibian	9162	Rana heckscheri	River Frog	1975-07-12	H	3-Medium	---	Endangered	G5	SX
Dragonfly or Damselfly	33769	Somatochlora georgiana	Coppery Emerald	2004-Pre	H?	5-Very Low	---	Significantly Rare	G3G4	S1?
Dragonfly or Damselfly	33777	Somatochlora georgiana	Coppery Emerald	2004-Pre	H?	5-Very Low	---	Significantly Rare	G3G4	S1?
Dragonfly or Damselfly	33789	Triacanthagyna trifida	Phantom Darner	2004-Pre	H?	5-Very Low	---	Significantly Rare	G5	SH
Freshwater Fish	39888	Cyprinella sp. cf. zanema	Thinlip Chub	2019-09-23	E	3-Medium	---	Special Concern	G2Q	S2
Freshwater Fish	31824	Enneacanthus chaetodon	Blackbanded Sunfish	1986-10-01	H	3-Medium	---	Significantly Rare	G3G4	S3
Freshwater Fish	14344	Etheostoma mariae	Pinewoods Darter	1986-10-01	H	3-Medium	---	Special Concern	G3	S2
Freshwater Fish	36969	Notropis chalybaeus	Ironcolor Shiner	1966-04-03	H	3-Medium	---	Significantly Rare	G4	S2S3

Natural Areas Documented Within a One-mile Radius of the Project Area

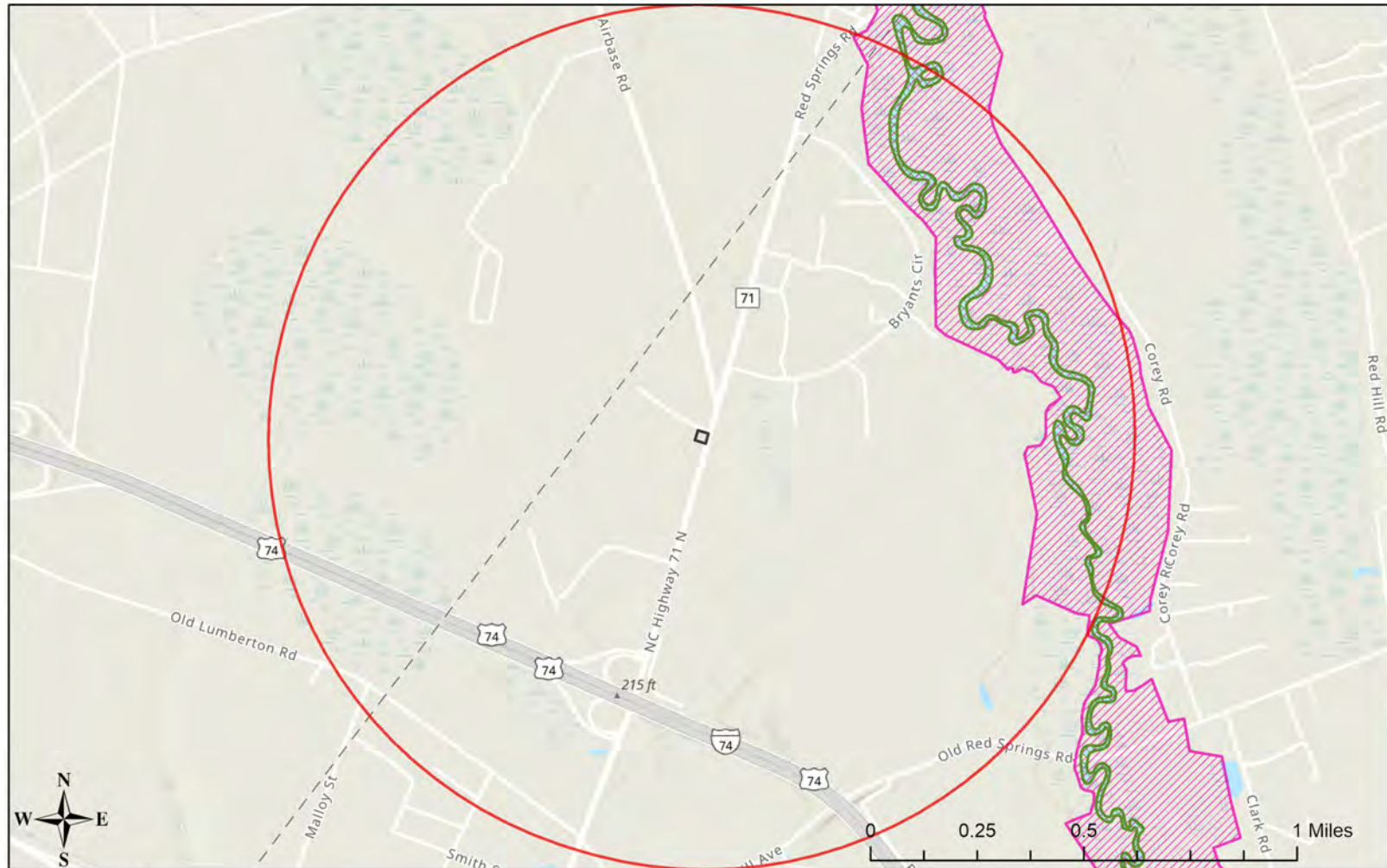
Site Name	Representational Rating	Collective Rating
LBR/Lumber River/Bear Swamp Aquatic Habitat	R1 (Exceptional)	C3 (High)
Upper Lumber River Swamp	R3 (High)	C3 (High)

Managed Areas Documented Within a One-mile Radius of the Project Area

Managed Area Name	Owner	Owner Type
Lumber State Natural and Scenic River	NC DNCR, Division of Parks and Recreation	State

Definitions and an explanation of status designations and codes can be found at <https://ncnhde.natureserve.org/help>. Data query generated on January 28, 2023; source: NCNHP, Q3, October 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-20684: Town of Maxton Sewer Lift Station Generators - SLS No. 10



January 28, 2023

- NHP Natural Area (NHNA)
- Managed Area (MAREA)
- Buffered Project Boundary
- Project Boundary

Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community.  
 Sources: Esri, HERE, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

**Maxton Sewer Lift Station No. 11**  
**2074 NC Highway 71N, Maxton, NC 28364**





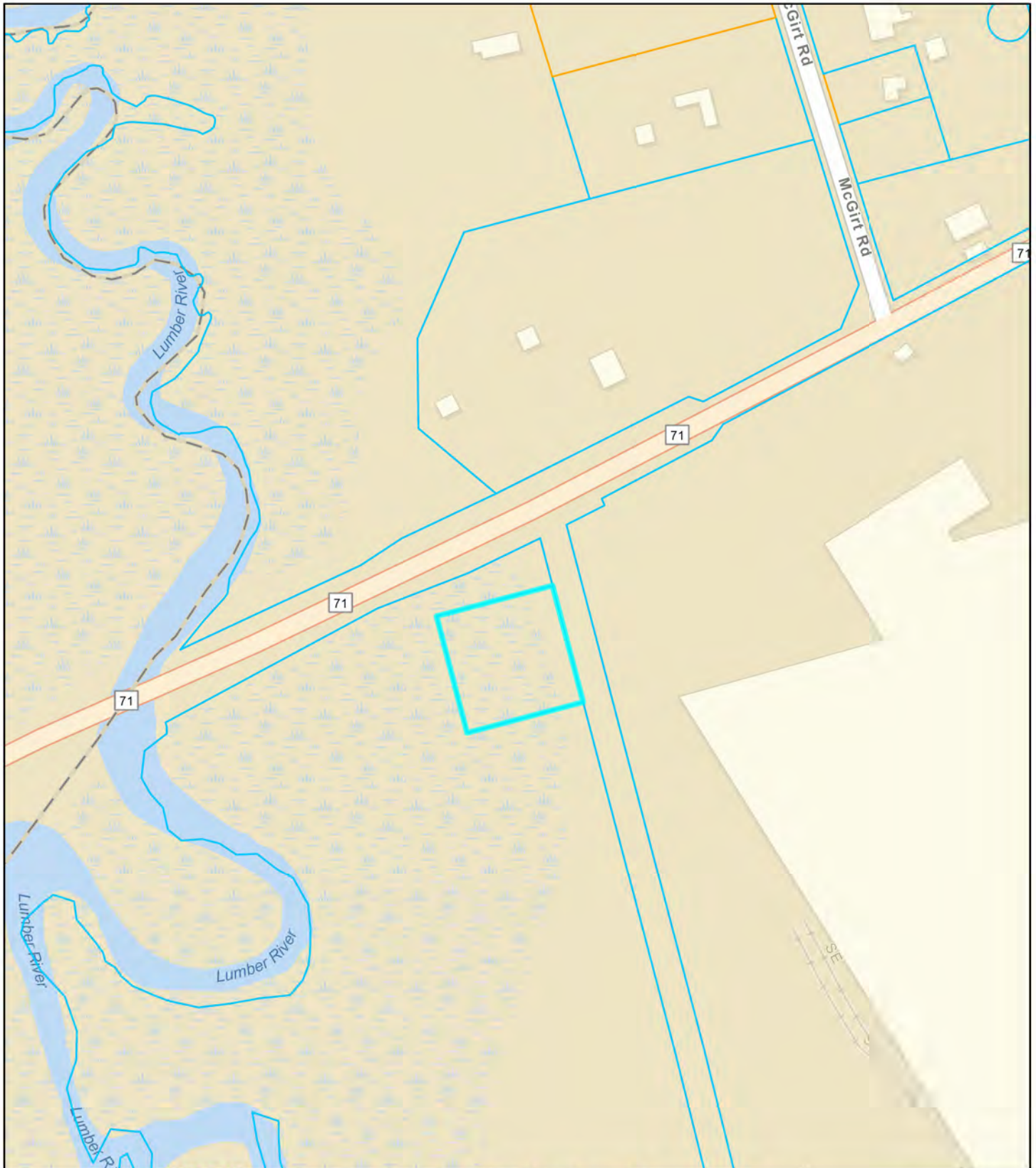
**Maxton Sewer Lift Station Generators**  
**No. 11, 2074 NC Highway 71N**  
**Maxton, Robeson County, NC**

USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National



0 40 80 160  
Feet





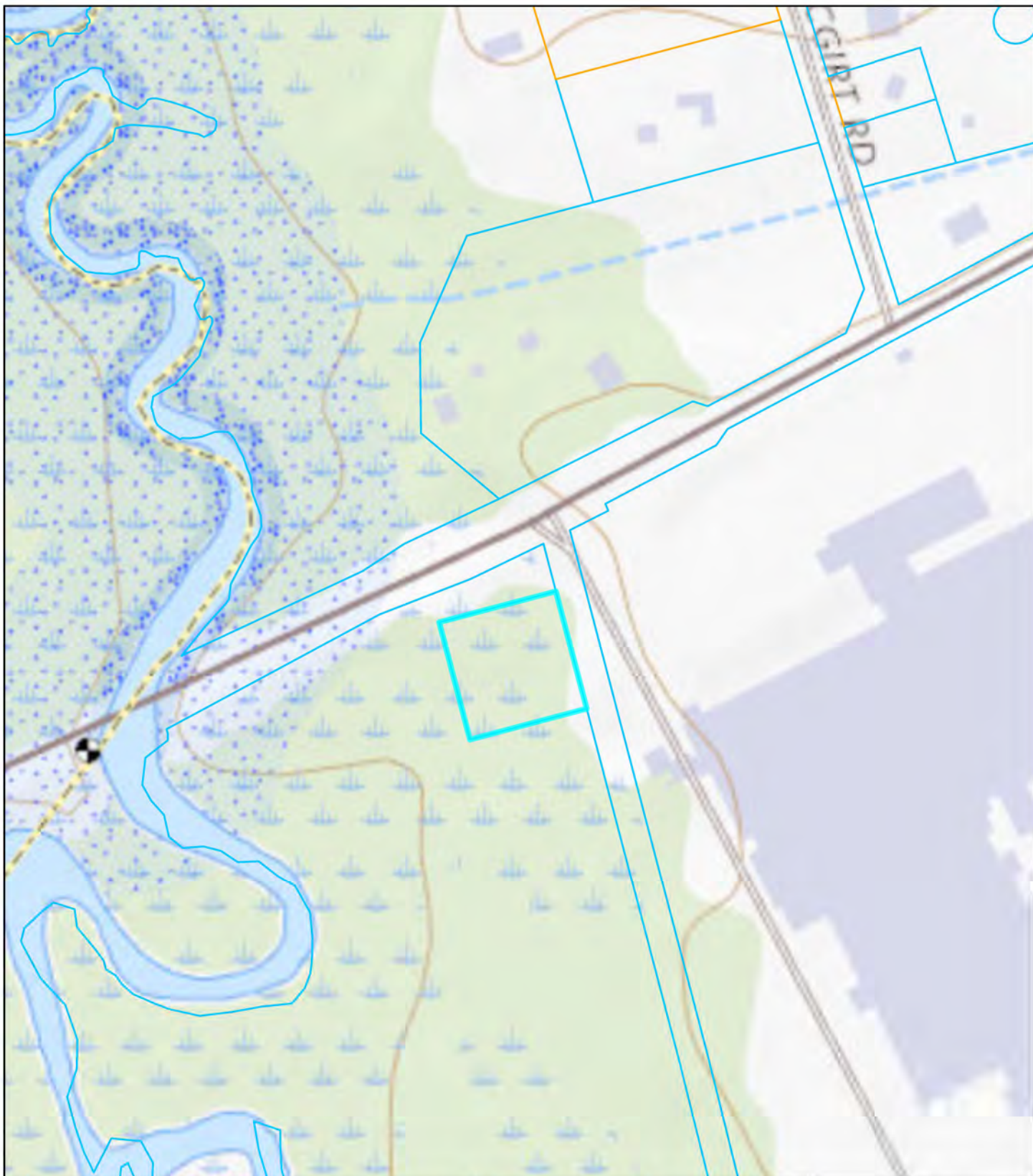
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**No. 11, 2074 NC Highway 71N**  
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USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National



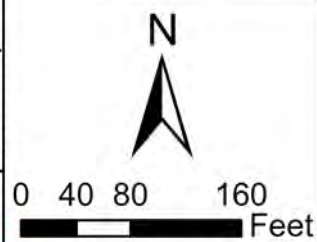
0 40 80 160  
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**Maxton Sewer Lift Station Generators**  
**No. 11, 2074 NC Highway 71N**  
**Maxton, Robeson County, NC**

USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National





## 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:

January 10, 2023

Project Code: 2023-0032586

Project Name: Town of Maxton Sewer Lift Station Generators - SLS No. 11

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>.

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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

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## Project Summary

Project Code: 2023-0032586  
Project Name: Town of Maxton Sewer Lift Station Generators - SLS No. 11  
Project Type: Wastewater Facility - Maintenance / Modification  
Project Description: Maxton Sewer Lift Station No. 11, 2074 NC Highway 71N, Maxton, NC 28364.

During the Hurricane Matthew storm event, the Town of Maxton lost primary power for an extended time, which adversely impacted the Town's ability to maintain its sewage treatment facility and peripheral sewage lift stations. The loss of sewage treatment capacity caused an immediate threat to the health and safety of the Town's residents. This proposed project will utilize CDBG-DR funding to install auxiliary power generators at four (4) sewage lift stations which move raw sewage from neighborhoods in the Town to the central processing facility and mitigate against potential backups and lack of capacity during future storm events.

The proposed project will involve the purchase and installation of four (4) generator packages, to include integrated diesel fuel tanks, automatic transfer switching, wiring connections, electrical panels, mounting pads, and the generators. The generators will provide auxiliary power at four sewage lift stations during power outages such as that experienced during Hurricane Matthew.

### Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@34.77352075,-79.32895049716527,14z>



Counties: Robeson County, North Carolina

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## Endangered Species Act Species

There is a total of 5 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries<sup>1</sup>, 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.

### Mammals

NAME	STATUS
Tricolored Bat <i>Perimyotis subflavus</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/10515">https://ecos.fws.gov/ecp/species/10515</a>	Proposed Endangered

### Birds

NAME	STATUS
Red-cockaded Woodpecker <i>Picoides borealis</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/7614">https://ecos.fws.gov/ecp/species/7614</a>	Endangered

### Reptiles

NAME	STATUS
American Alligator <i>Alligator mississippiensis</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/776">https://ecos.fws.gov/ecp/species/776</a>	Similarity of Appearance (Threatened)

### Insects

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/9743">https://ecos.fws.gov/ecp/species/9743</a>	Candidate

## Flowering Plants

NAME	STATUS
Michaux's Sumac <i>Rhus michauxii</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/5217">https://ecos.fws.gov/ecp/species/5217</a>	Endangered

## 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 Act<sup>1</sup> and the Bald and Golden Eagle Protection Act<sup>2</sup>.

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](#).

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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
<b>American Kestrel <i>Falco sparverius paulus</i></b> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA <a href="https://ecos.fws.gov/ecp/species/9587">https://ecos.fws.gov/ecp/species/9587</a>	Breeds Apr 1 to Aug 31
<b>Bald Eagle <i>Haliaeetus leucocephalus</i></b> 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
<b>Red-headed Woodpecker <i>Melanerpes erythrocephalus</i></b> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 10 to Sep 10

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## 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.

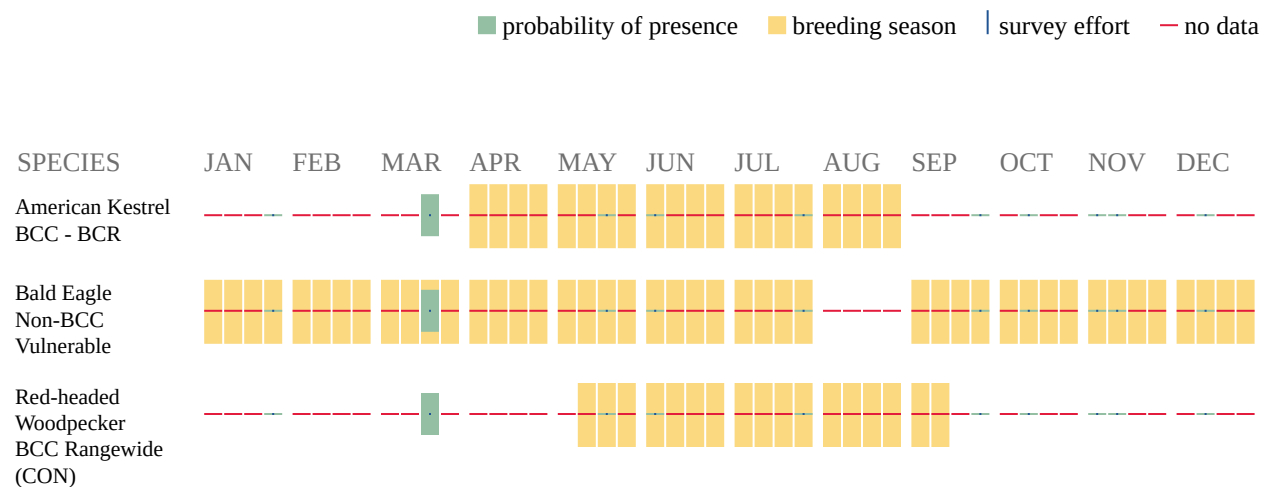
### No Data (—)

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-incident-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 list of migratory birds that potentially occur 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 [Rapid Avian Information Locator \(RAIL\) 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 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 or migrating in my 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 query your location using the [RAIL Tool](#) and look at the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. 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-20685

January 28, 2023

Andrea Gievers  
NCORR  
P.O. Box 110465  
Durham, NC 27709  
RE: Town of Maxton Sewer Lift Station Generators - SLS No. 11

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.

A query of the NCNHP database indicates that there are records for rare species, important natural communities, natural areas, and/or conservation/managed areas within the proposed project boundary. These results are presented in the attached 'Documented Occurrences' tables and map.

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 documented within the project area or 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.

Also please note that 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 an occurrence of a Federally-listed species is 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](mailto:rodney.butler@ncdcr.gov) or 919-707-8603.

Sincerely,  
NC Natural Heritage Program

Natural Heritage Element Occurrences, Natural Areas, and Managed Areas Intersecting the Project Area  
Town of Maxton Sewer Lift Station Generators - SLS No. 11  
January 28, 2023  
NCNHDE-20685

No Element Occurrences are Documented within the Project Area

There are no documented element occurrences (of medium to very high accuracy) that intersect with the project area. Please note, however, that although the NCNHP database does not show records for rare species within the project area, it does not necessarily mean that they are not present; it may simply mean that the area has not been surveyed. The use of Natural Heritage Program data should not be substituted for actual field surveys if needed, particularly if the project area contains suitable habitat for rare species. If rare species are found, the NCNHP would appreciate receiving this information so that we may update our database.

Natural Areas Documented Within Project Area

Site Name	Representational Rating	Collective Rating
Upper Lumber River Swamp	R3 (High)	C3 (High)

No Managed Areas Documented within the Project Area

Definitions and an explanation of status designations and codes can be found at <https://ncnhde.natureserve.org/help>. Data query generated on January 28, 2023; source: NCNHP, Q3, October 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.



Natural Heritage Element Occurrences, Natural Areas, and Managed Areas Within a One-mile Radius of the Project Area  
Town of Maxton Sewer Lift Station Generators - SLS No. 11  
January 28, 2023  
NCNHDE-20685

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
Amphibian	9162	<i>Rana heckscheri</i>	River Frog	1975-07-12	H	3-Medium	---	Endangered	G5	SX
Dragonfly or Damselfly	33769	<i>Somatochlora georgiana</i>	Coppery Emerald	2004-Pre	H?	5-Very Low	---	Significantly Rare	G3G4	S1?
Dragonfly or Damselfly	33777	<i>Somatochlora georgiana</i>	Coppery Emerald	2004-Pre	H?	5-Very Low	---	Significantly Rare	G3G4	S1?
Dragonfly or Damselfly	33789	<i>Triacanthagyna trifida</i>	Phantom Darner	2004-Pre	H?	5-Very Low	---	Significantly Rare	G5	SH
Freshwater Fish	39888	<i>Cyprinella sp. cf. zanema</i>	Thinlip Chub	2019-09-23	E	3-Medium	---	Special Concern	G2Q	S2
Freshwater Fish	31825	<i>Enneacanthus chaetodon</i>	Blackbanded Sunfish	1987-07-29	H	3-Medium	---	Significantly Rare	G3G4	S3
Freshwater Fish	31832	<i>Enneacanthus chaetodon</i>	Blackbanded Sunfish	1994-03-22	H?	3-Medium	---	Significantly Rare	G3G4	S3
Freshwater Fish	14344	<i>Etheostoma mariae</i>	Pinewoods Darter	1986-10-01	H	3-Medium	---	Special Concern	G3	S2
Freshwater Fish	36969	<i>Notropis chalybaeus</i>	Ironcolor Shiner	1966-04-03	H	3-Medium	---	Significantly Rare	G4	S2S3
Natural Community	14097	Blackwater Bottomland Hardwoods (High Subtype)	---	2010	B	4-Low	---	---	G3G4	S2S3
Natural Community	7880	Blackwater Bottomland Hardwoods (Low Subtype)	---	2010	C	3-Medium	---	---	G4?	S3
Natural Community	30964	Blackwater Levee/Bar Forest	---	2010	C	3-Medium	---	---	G2G3	S2S3
Natural Community	18256	Cypress--Gum Swamp (Blackwater Subtype)	---	1990	C	3-Medium	---	---	G4?	S4
Natural Community	116	Sand and Mud Bar (Blackwater Sand Bar Subtype)	---	1990	A?	3-Medium	---	---	G2G3	S2S3

Natural Areas Documented Within a One-mile Radius of the Project Area

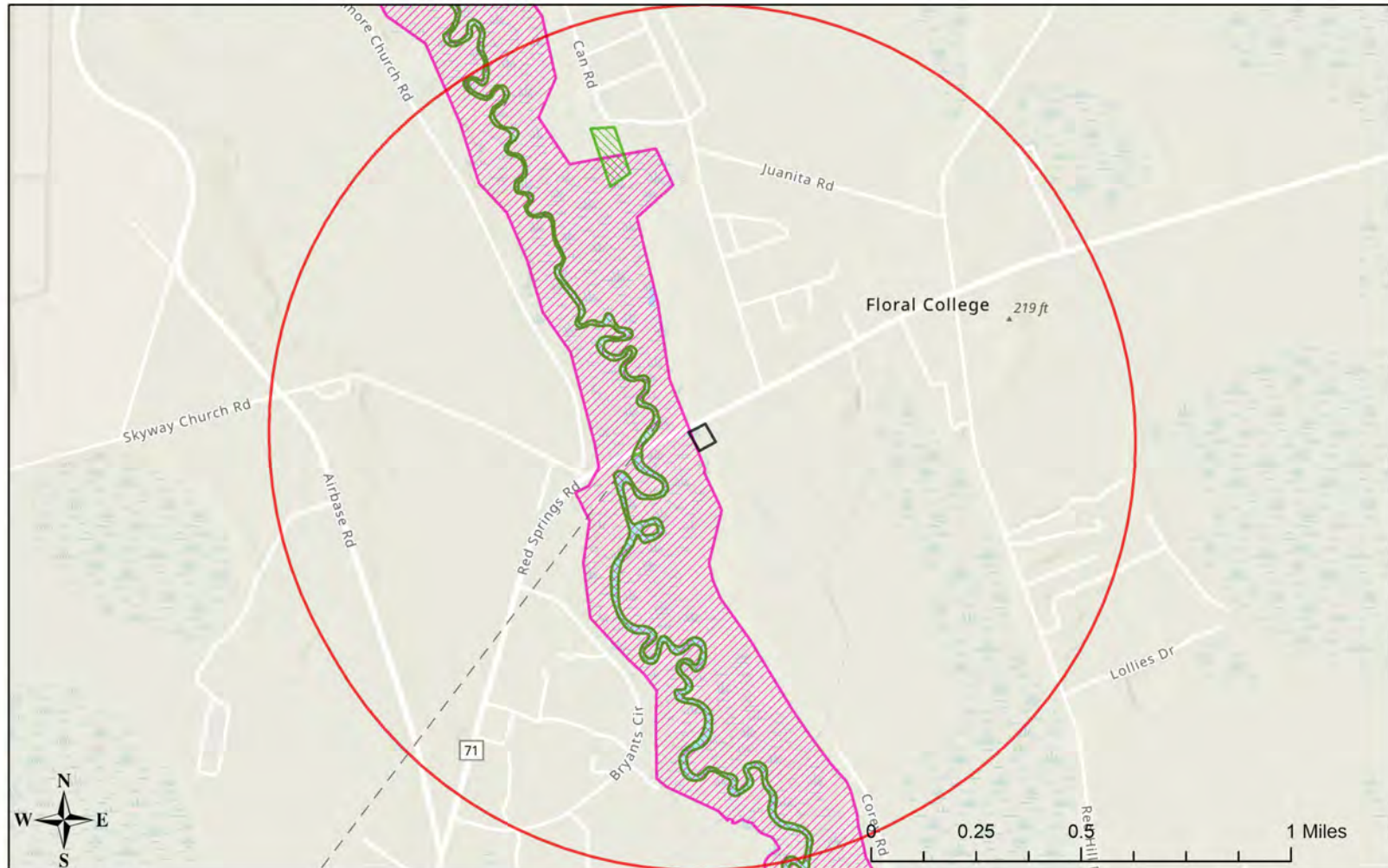
Site Name	Representational Rating	Collective Rating
LBR/Lumber River/Bear Swamp Aquatic Habitat	R1 (Exceptional)	C3 (High)
Upper Lumber River Swamp	R3 (High)	C3 (High)

Managed Areas Documented Within a One-mile Radius of the Project Area

Managed Area Name	Owner	Owner Type
Robeson County Open Space	Robeson County	Local Government
Lumber National Wild and Scenic River	US National Park Service	Federal
Lumber State Natural and Scenic River	NC DNCR, Division of Parks and Recreation	State

Definitions and an explanation of status designations and codes can be found at <https://ncnhde.natureserve.org/help>. Data query generated on January 28, 2023; source: NCNHP, Q3, October 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-20685: Town of Maxton Sewer Lift Station Generators - SLS No. 11



January 28, 2023

- NHP Natural Area (NHNA)
- Managed Area (MAREA)
- Buffered Project Boundary
- Project Boundary

Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community.  
 Sources: Esri, HERE, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

## Species Conclusions Table

Project Name: Town of Maxton Sewer Lift Station Generators

Date: 1/31/23

Species / Resource Name	Conclusion	ESA Section 7 / Eagle Act Determination	Notes / Documentation
<b>Tricolored Bat</b>	No suitable habitat	<b>No effect</b>	Project activities will be on mowed, maintained SLS facility.
Red-cockaded Woodpecker	No suitable habitat	No effect	Project activities will be on mowed, maintained SLS facility. No tree removal.
American Alligator	No suitable habitat	No effect	Project activities will be on mowed, maintained SLS facility. See site photos.
Monarch Butterfly	No suitable habitat	No effect	Project activities will be on mowed, maintained SLS facility.
Michaux's Sumac	No suitable habitat	No effect	Project activities will be on mowed, maintained SLS facility.
Bald Eagle	No suitable habitat	No Eagle Permit	Project activities will be on mowed, maintained SLS facility. No tree removal.

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.

Andrea Siivers

Signature /Title

1/31/23

Date



Maxton Sewer Lift Station **No. 5**, 303 N. Hooper Street, Maxton, NC 28364





Maxton Sewer Lift Station No. 7, 904 US 74 BUS, Maxton, NC 28364





Maxton Sewer Lift Station **No. 10**, 627 NC Highway 71N, Maxton, NC 28364





Maxton Sewer Lift Station **No. 11**, 2074 NC Highway 71N, Maxton, NC 28364



Culvert towards Lumber River (below left)



## Gievers, Andrea

---

**From:** Gievers, Andrea  
**Sent:** Wednesday, February 1, 2023 2:10 PM  
**To:** 'Raleigh@fws.gov'  
**Cc:** 'leigh\_mann@fws.gov'  
**Subject:** RE: Self Certification - Town of Maxton Sewer Lift Station Generators Project  
**Attachments:** NCORR Maxton SLS Generators Detailed Project Description 2.1.23.pdf

Hello:

I just wanted to include the attached *Town of Maxton Sewer Lift Station Generators Project's* detailed project description that accompanies the Proposed Project Design Plans sent yesterday. Please feel free to contact me if you have any questions. Thanks!

Sincerely,

Andrea Gievers

---

**From:** Gievers, Andrea  
**Sent:** Tuesday, January 31, 2023 2:20 PM  
**To:** Raleigh@fws.gov  
**Cc:** leigh\_mann@fws.gov  
**Subject:** Self Certification - Town of Maxton Sewer Lift Station Generators Project

Hello:

Please accept the *Town of Maxton Sewer Lift Station Generators Project* 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 Infrastructure Recovery Program project. The proposed project location is at four existing sewer lift stations in Maxton, Robeson County, NC 28364. During the Hurricane Matthew storm event, the Town of Maxton lost primary power for an extended time, which adversely impacted the Town's ability to maintain its sewage treatment facility and peripheral sewer lift stations. The loss of sewage treatment capacity caused an immediately threat to the health and safety of the Town's residents. This proposed project will utilize CDBG-DR funding to purchase and install auxiliary power generators at four (4) sewer lift stations which move raw sewage from neighborhoods in the Town to the central processing facility, and will mitigate against potential backups and lack of capacity during future storm events.

The proposed project will involve the purchase and installation of four (4) generator packages, to include integrated diesel fuel tanks, automatic transfer switching, wiring connections, electrical panels, mounting pads, and the generators. The proposed project will occur at four existing sewer lift stations that are regularly maintained and mowed. There is no vegetation (other than grass) or tree removal anticipated as most of the work will be conducted within the fenced-in areas on the Subject Properties. SLS No.7 is the only site where the existing fence will be extended to accommodate the generator placement on the western side of the current fence line. The proposed project activities will be completed in accordance with all applicable federal, State, and local laws, regulations, and permit requirements and conditions. 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](mailto:Andrea.L.Gievers@Rebuild.NC.Gov)  
(845) 682-1700

## Town of Maxton Sewer Lift Station Generators - Detailed Project Description

Town of Maxton Sewer Lift Station Generators Project  
Four Sewer Lift Stations  
Maxton, NC 28364

Proposed Project Location: Maxton SLS **No. 5** located at 303 N. Hooper Street, Maxton, NC 28364 is Town-owned, identified as Parcel ID 330601026, and consists of 0.41 acre. Maxton SLS **No. 7** located at 904 US 74 BUS, Maxton, NC 28364 is Town-owned, identified as Parcel ID 33030102001, and consists of 0.33 acre. Maxton SLS **No. 10** located at 627 NC Highway 71N, Maxton, NC 28364 is Town-owned, identified as Parcel ID 11030100143, and consists of 0.47 acre. Maxton SLS **No. 11** located at 2074 NC Highway 71N, Maxton, NC 28364 is County-owned, identified as Parcel ID 110202001, and consists of approximately 1.43 acres.

The State of North Carolina was adversely impacted by the landfall of Hurricanes Matthew (October 8, 2016) and Florence (September 14, 2018). During the Hurricane Matthew storm event, the Town of Maxton lost primary power for an extended time, which adversely impacted the Town's ability to maintain its sewage treatment facility and peripheral sewer lift stations. The loss of sewage treatment capacity caused an immediately threat to the health and safety of the Town's residents. This proposed project will utilize CDBG-DR funding to install auxiliary power generators at four (4) sewer lift stations which move raw sewage from neighborhoods in the Town to the central processing facility, and will mitigate against potential backups and lack of capacity during future storm events. Therefore, funding for the proposed project will be provided in part by the HUD CDBG-DR North Carolina Infrastructure Recovery Program for Hurricane Matthew storm recovery activities in North Carolina.

Proposed Project Description: The Town of Maxton seeks to purchase and install appropriately-sized auxiliary power generators at the sites outlined above, each with automatic transfer switching capability. The proposed project site plans are included in **Attachment 2**. During Hurricane Matthew and its aftermath, the Town's primary power source was lost, causing the Town's sewer lift stations to go offline, creating a threat to public safety resulting from sewage backups into residences served by the offline sewer lift stations. Robeson County, on behalf of the Town of Maxton, has procured engineering services to provide design drawings for the purchase of auxiliary power generators of varying sizes to alleviate the effects of future primary power loss, per the following:

**SLS No. 5:** One (1) 25kW, 240/120v three-phase, diesel-powered auxiliary power generator will be situated in the northwest quadrant of the property. Generator equipment will include a belly-mounted, integrated 25-gallon fuel tank, battery and charger, and control panel equipment with automatic circuit breakers. The generator will also include automatic transfer switching. In the event of primary power failure, the automatic transfer switch (ATS) will sense loss of primary power and automatically start the generator. Specifications for the ATS include a 400A, 120/240V, 60Hz voltage rating. The switch will be installed adjacent to the new control panel and circuit breaker equipment, 6' above-grade and connected to the generator equipment set via underground conduit. The generator package will be set upon a newly constructed, reinforced concrete pad, 8' x 4' x 8," with 4" of the pad below- and 4" above-grade. New electrical panels and controls will be installed on an erected power panel, attached to metal support poles, anchored 4' below-grade. Electrical connections from the generator to/from the control panel and ATS, and

## **Town of Maxton Sewer Lift Station Generators - Detailed Project Description**

subsequent connections to the lift station will be via underground conduit, installed by directional drilling.

**SLS No. 7:** One (1) 40kW, 240/120v three-phase, diesel-powered auxiliary power generator will be situated in the northwest quadrant of the property. Generator equipment will include a belly-mounted, integrated 30-gallon fuel tank, battery and charger, and control panel equipment with automatic circuit breakers. The generator will also include automatic transfer switching. In the event of primary power failure, the ATS will sense loss of primary power and automatically start the generator. Specifications for the ATS include a 400A, 120/240V, 60Hz voltage rating. The switch will be installed adjacent to the new control panel and circuit breaker equipment, 6' above-grade and connected to the generator equipment set via underground conduit. The generator package will be set upon a newly constructed, reinforced concrete pad, 8' x 4' x 8," with 4" of the pad below- and 4" above-grade. New electrical panels and controls will be installed on an erected power panel, attached to metal support poles, anchored 4' below-grade. Electrical connections from the generator to/from the control panel and ATS, and subsequent connections to the lift station will be via underground conduit, installed by directional drilling. ***SLS No. 7 is the only site where the existing fence will be extended to accommodate the generator placement on the western side of the current fence line.***

**SLS No. 10:** One (1) 60kW, 240/120v three-phase, diesel-powered auxiliary power generator will be situated in the southwest quadrant of the property. Generator equipment will include a belly-mounted, integrated 35-gallon fuel tank, battery and charger, and control panel equipment with automatic circuit breakers. The generator will also include automatic transfer switching. In the event of primary power failure, the ATS will sense loss of primary power and automatically start the generator. Specifications for the ATS include a 400A, 120/240V, 60Hz voltage rating. The switch will be installed adjacent to the new control panel and circuit breaker equipment, 6' above-grade and connected to the generator equipment set via underground conduit. The generator package will be set upon a newly constructed, reinforced concrete pad, 8' x 4' x 8," with 4" of the pad below- and 4" above-grade. New electrical panels and controls will be installed on an erected power panel, attached to metal support poles, anchored 4' below-grade. Electrical connections from the generator to/from the control panel and ATS, and subsequent connections to the lift station will be via underground conduit, installed by directional drilling.

**SLS No. 11:** One (1) 40kW, 240/120v three-phase, diesel-powered auxiliary power generator will be situated on the southern edge of the subject property. Generator equipment will include an integrated 30-gallon fuel tank, battery and charger, and control panel equipment with automatic circuit breakers. The generator will also include automatic transfer switching. In the event of primary power failure, the ATS will sense loss of primary power and automatically start the generator. Specifications for the ATS include a 400A, 120/240V, 60Hz voltage rating. The switch will be installed adjacent to the new control panel and circuit breaker equipment, 6' above-grade and connected to the generator equipment set via underground conduit. The generator package and electrical panels and circuitry will be mounted on a steel frame 2' feet above base flood elevation (BFE). The steel frame will be mounted on steel posts, anchored 4' below current grade. Electrical connections from the control panel and ATS equipment will be made at the terminating panels within the lift station via underground conduit, installed by directional drilling.



## **ATTACHMENT 9:**

### **Farmlands Protection**

**Maxton Sewer Lift Station No. 5**  
**303 N. Hooper Street, Maxton, NC 28364**



United States  
Department of  
Agriculture

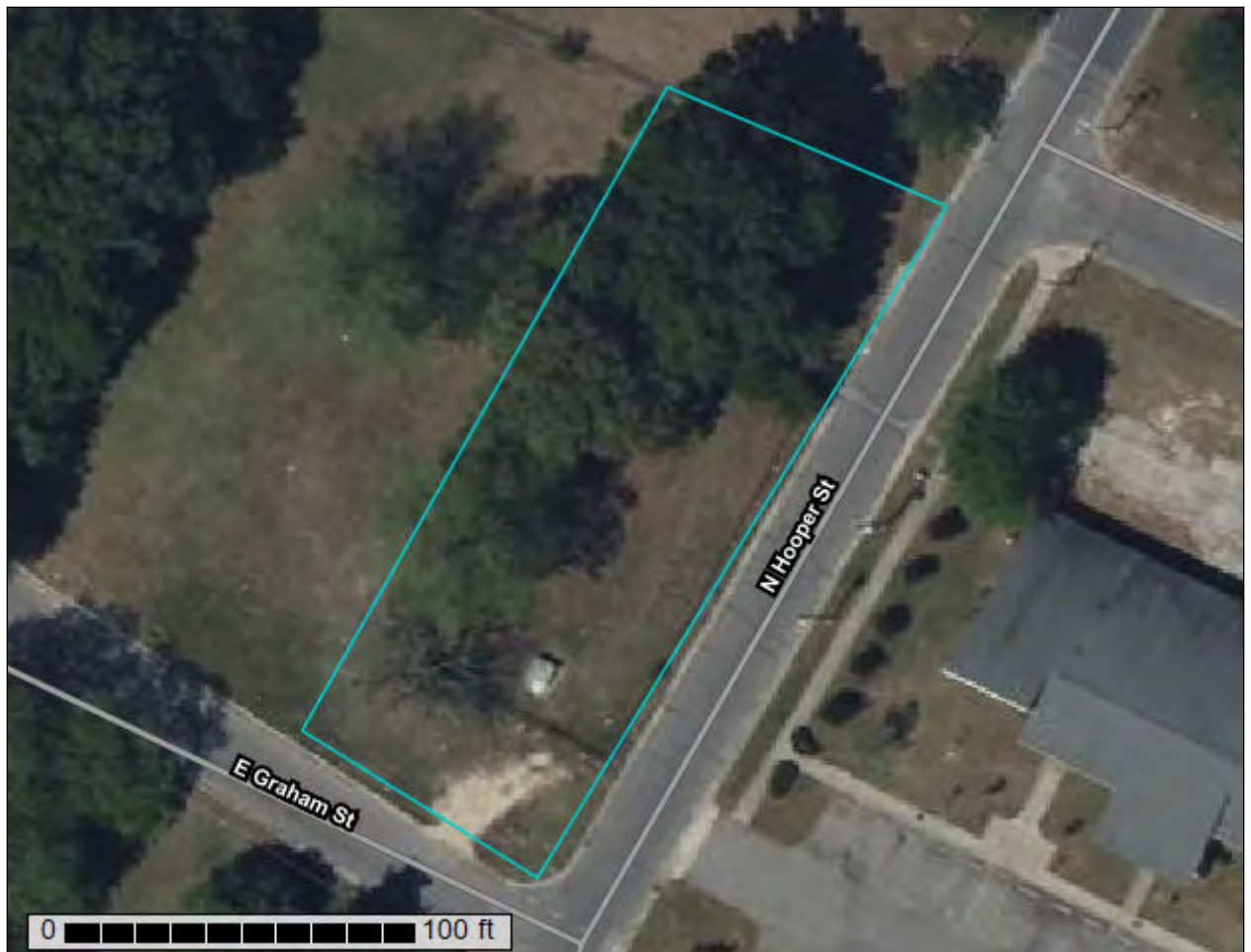
**NRCS**

Natural  
Resources  
Conservation  
Service

A product of the National  
Cooperative Soil Survey,  
a joint effort of the United  
States Department of  
Agriculture and other  
Federal agencies, State  
agencies including the  
Agricultural Experiment  
Stations, and local  
participants

# Custom Soil Resource Report for **Robeson County, North Carolina**

**Maxton SLS No. 5, 303 N. Hooper  
Street**



January 28, 2023

# Preface

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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](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.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require

alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD). To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410 or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

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# How Soil Surveys Are Made

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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

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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



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## MAP LEGEND

### Area of Interest (AOI)

 Area of Interest (AOI)

### Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

### Special Point Features

 Blowout

 Borrow Pit

 Clay Spot


 Closed Depression

 Gravel Pit

 Gravelly Spot

 Landfill

 Lava Flow

 Marsh or swamp

 Mine or Quarry

 Miscellaneous Water

 Perennial Water

 Rock Outcrop

 Saline Spot

 Sandy Spot

 Severely Eroded Spot

 Sinkhole

 Slide or Slip

 Sodic Spot

 Spoil Area

 Stony Spot

 Very Stony Spot

 Wet Spot

 Other

 Special Line Features

### Water Features

 Streams and Canals

### Transportation

 Rails


 Interstate Highways

 US Routes

 Major Roads

 Local Roads

### Background

 Aerial Photography

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service  
Web Soil Survey URL:  
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Robeson County, North Carolina  
Survey Area Data: Version 21, Sep 12, 2022

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

Date(s) aerial images were photographed: Apr 17, 2022—May 20, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.



## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
GoA	Goldsboro loamy sand, 0 to 2 percent slopes, Southern Coastal Plain	0.0	5.6%
Ra	Rains sandy loam, 0 to 2 percent slopes	0.4	94.4%
<b>Totals for Area of Interest</b>		<b>0.4</b>	<b>100.0%</b>

## 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

## Custom Soil Resource Report

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.

## Robeson County, North Carolina

### GoA—Goldsboro loamy sand, 0 to 2 percent slopes, Southern Coastal Plain

#### Map Unit Setting

*National map unit symbol:* 2v750

*Elevation:* 130 to 270 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

*Goldsboro and similar soils:* 85 percent

*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Goldsboro

##### Setting

*Landform:* Broad interstream divides on marine terraces, flats on marine terraces

*Landform position (three-dimensional):* Talf

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Loamy marine deposits

##### Typical profile

*Ap - 0 to 9 inches:* loamy sand

*E - 9 to 12 inches:* loamy sand

*Bt - 12 to 62 inches:* sandy clay loam

*Btg - 62 to 80 inches:* sandy clay loam

##### Properties and qualities

*Slope:* 0 to 2 percent

*Depth to restrictive feature:* More than 80 inches

*Drainage class:* Moderately well 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 24 to 36 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Available water supply, 0 to 60 inches:* Moderate (about 8.1 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 2w

*Hydrologic Soil Group:* B

*Hydric soil rating:* No

## **Ra—Rains sandy loam, 0 to 2 percent slopes**

### **Map Unit Setting**

*National map unit symbol:* 2v760  
*Elevation:* 30 to 330 feet  
*Mean annual precipitation:* 40 to 55 inches  
*Mean annual air temperature:* 59 to 70 degrees F  
*Frost-free period:* 200 to 280 days  
*Farmland classification:* Prime farmland if drained

### **Map Unit Composition**

*Rains, undrained, and similar soils:* 58 percent  
*Rains, drained, and similar soils:* 24 percent  
*Minor components:* 8 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

### **Description of Rains, Undrained**

#### **Setting**

*Landform:* Flats on marine terraces, broad interstream divides on marine terraces, carolina bays on marine terraces  
*Landform position (three-dimensional):* Dip, talf  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Loamy marine deposits

#### **Typical profile**

*A - 0 to 6 inches:* sandy loam  
*Eg - 6 to 12 inches:* sandy loam  
*Btg - 12 to 65 inches:* sandy clay loam  
*BCg - 65 to 80 inches:* sandy clay loam

#### **Properties and qualities**

*Slope:* 0 to 2 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Poorly drained  
*Capacity of the most limiting layer to transmit water (Ksat):* Moderately high to high (0.20 to 1.98 in/hr)  
*Depth to water table:* About 0 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Available water supply, 0 to 60 inches:* Moderate (about 7.9 inches)

#### **Interpretive groups**

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 4w  
*Hydrologic Soil Group:* A/D  
*Hydric soil rating:* Yes

## Description of Rains, Drained

### Setting

*Landform:* Flats on marine terraces, broad interstream divides on marine terraces, carolina bays on marine terraces

*Landform position (three-dimensional):* Dip, tal

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Loamy marine deposits

### Typical profile

*Ap - 0 to 6 inches:* sandy loam

*Eg - 6 to 12 inches:* sandy loam

*Btg - 12 to 65 inches:* sandy clay loam

*BCg - 65 to 80 inches:* sandy clay loam

### Properties and qualities

*Slope:* 0 to 2 percent

*Depth to restrictive feature:* More than 80 inches

*Drainage class:* Poorly drained

*Capacity of the most limiting layer to transmit water (Ksat):* Moderately high to high (0.20 to 1.98 in/hr)

*Depth to water table:* About 12 to 36 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Available water supply, 0 to 60 inches:* Moderate (about 7.9 inches)

### Interpretive groups

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 3w

*Hydrologic Soil Group:* B

*Hydric soil rating:* Yes

## Minor Components

### Pantego, undrained

*Percent of map unit:* 8 percent

*Landform:* Broad interstream divides, flats, stream terraces

*Landform position (three-dimensional):* Tread, tal

*Down-slope shape:* Linear

*Across-slope shape:* Concave

*Hydric soil rating:* Yes

# **Soil Information for All Uses**

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## **Suitabilities and Limitations for Use**

The Suitabilities and Limitations for Use section includes various soil interpretations displayed as thematic maps with a summary table for the soil map units in the selected area of interest. A single value or rating for each map unit is generated by aggregating the interpretive ratings of individual map unit components. This aggregation process is defined for each interpretation.

## **Building Site Development**

Building site development interpretations are designed to be used as tools for evaluating soil suitability and identifying soil limitations for various construction purposes. As part of the interpretation process, the rating applies to each soil in its described condition and does not consider present land use. Example interpretations can include corrosion of concrete and steel, shallow excavations, dwellings with and without basements, small commercial buildings, local roads and streets, and lawns and landscaping.

### **Shallow Excavations (Maxton SLS No. 5, 303 N. Hooper Street)**

Shallow excavations are trenches or holes dug to a maximum depth of 5 or 6 feet for graves, utility lines, open ditches, or other purposes. The ratings are based on the soil properties that influence the ease of digging and the resistance to sloughing. Depth to bedrock or a cemented pan, hardness of bedrock or a cemented pan, the amount of large stones, and dense layers influence the ease of digging, filling, and compacting. Depth to the seasonal high water table, flooding, and ponding may restrict the period when excavations can be made. Slope influences the ease of using machinery. Soil texture, depth to the water table, and linear extensibility (shrink-swell potential) influence the resistance to sloughing.

The ratings are both verbal and numerical. Rating class terms indicate the extent to which the soils are limited by all of the soil features that affect the specified use. "Not limited" indicates that the soil has features that are very favorable for the specified use. Good performance and very low maintenance can be expected. "Somewhat limited" indicates that the soil has features that are moderately favorable for the specified use. The limitations can be overcome or minimized by



## Custom Soil Resource Report

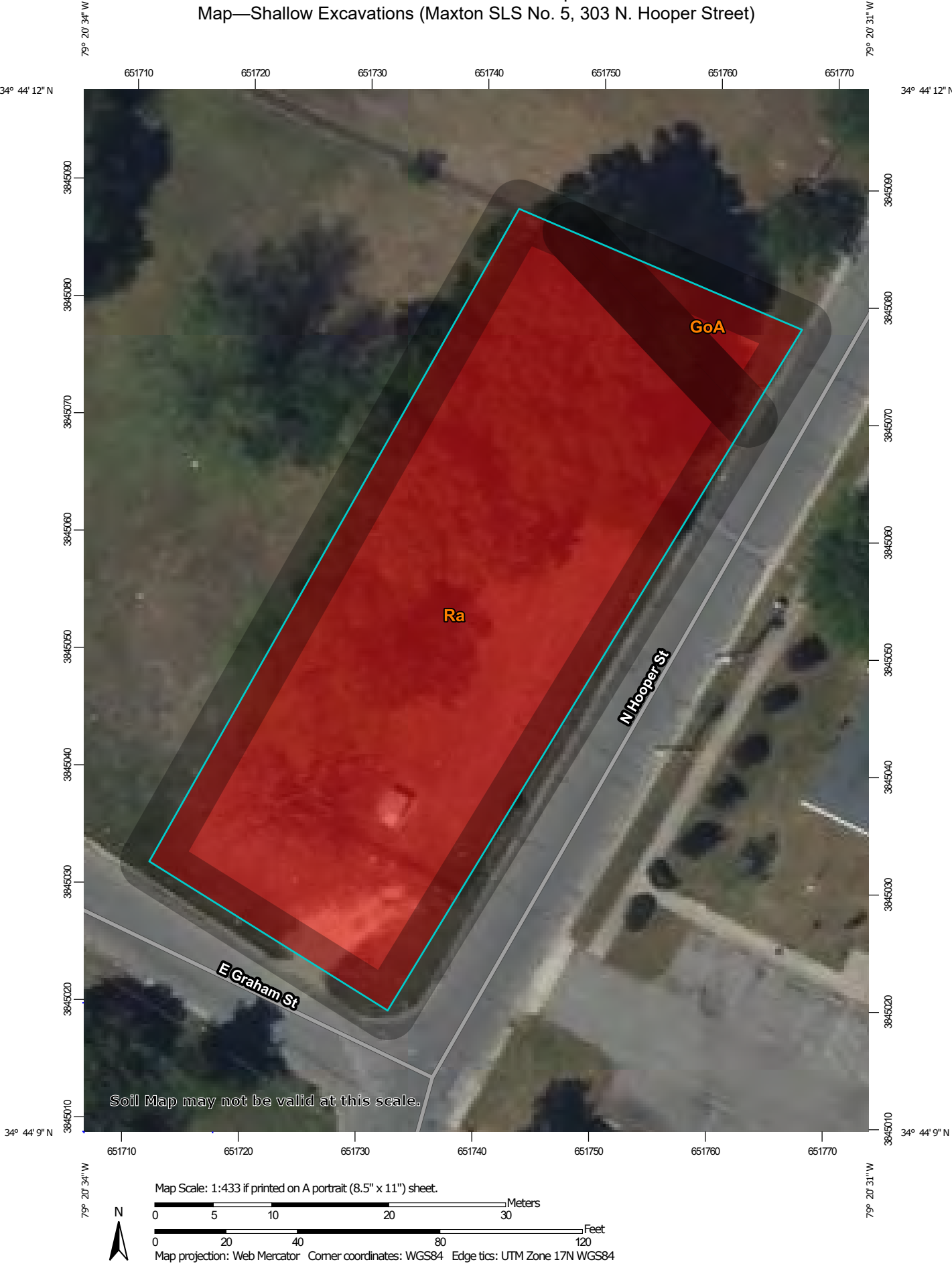
special planning, design, or installation. Fair performance and moderate maintenance can be expected. "Very limited" indicates that the soil has one or more features that are unfavorable for the specified use. The limitations generally cannot be overcome without major soil reclamation, special design, or expensive installation procedures. Poor performance and high maintenance can be expected.

Numerical ratings indicate the severity of individual limitations. The ratings are shown as decimal fractions ranging from 0.01 to 1.00. They indicate gradations between the point at which a soil feature has the greatest negative impact on the use (1.00) and the point at which the soil feature is not a limitation (0.00).

The map unit components listed for each map unit in the accompanying Summary by Map Unit table in Web Soil Survey or the Aggregation Report in Soil Data Viewer are determined by the aggregation method chosen. An aggregated rating class is shown for each map unit. The components listed for each map unit are only those that have the same rating class as listed for the map unit. The percent composition of each component in a particular map unit is presented to help the user better understand the percentage of each map unit that has the rating presented.

Other components with different ratings may be present in each map unit. The ratings for all components, regardless of the map unit aggregated rating, can be viewed by generating the equivalent report from the Soil Reports tab in Web Soil Survey or from the Soil Data Mart site. Onsite investigation may be needed to validate these interpretations and to confirm the identity of the soil on a given site.


Custom Soil Resource Report  
Map—Shallow Excavations (Maxton SLS No. 5, 303 N. Hooper Street)




## Custom Soil Resource Report

### MAP LEGEND

#### Area of Interest (AOI)





 Area of Interest (AOI)

#### Background





 Aerial Photography

#### Soils





##### Soil Rating Polygons

-  Very limited
-  Somewhat limited
-  Not limited
-  Not rated or not available


##### Soil Rating Lines

-  Very limited
-  Somewhat limited
-  Not limited
-  Not rated or not available



##### Soil Rating Points

-  Very limited
-  Somewhat limited
-  Not limited
-  Not rated or not available

#### Water Features

 Streams and Canals

#### Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

### MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service  
Web Soil Survey URL:  
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

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Soil Survey Area: Robeson County, North Carolina  
Survey Area Data: Version 21, Sep 12, 2022

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

Date(s) aerial images were photographed: Apr 17, 2022—May 20, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

### Tables—Shallow Excavations (Maxton SLS No. 5, 303 N. Hooper Street)

Map unit symbol	Map unit name	Rating	Component name (percent)	Rating reasons (numeric values)	Acres in AOI	Percent of AOI
GoA	Goldsboro loamy sand, 0 to 2 percent slopes, Southern Coastal Plain	Very limited	Goldsboro (85%)	Depth to saturated zone (1.00)	0.0	5.6%
				Unstable excavation walls (0.01)		
Ra	Rains sandy loam, 0 to 2 percent slopes	Very limited	Rains, undrained (58%)	Depth to saturated zone (1.00)	0.4	94.4%
				Unstable excavation walls (0.01)		
				Dusty (0.01)		
			Rains, drained (24%)	Depth to saturated zone (1.00)		
				Unstable excavation walls (0.01)		
				Dusty (0.01)		
			Pantego, undrained (8%)	Ponding (1.00)		
				Depth to saturated zone (1.00)		
				Dusty (0.04)		
				Unstable excavation walls (0.01)		
Totals for Area of Interest					0.4	100.0%

Rating	Acres in AOI	Percent of AOI
Very limited	0.4	100.0%
<b>Totals for Area of Interest</b>	<b>0.4</b>	<b>100.0%</b>

### Rating Options—Shallow Excavations (Maxton SLS No. 5, 303 N. Hooper Street)

*Aggregation Method:* Dominant Condition

*Component Percent Cutoff:* None Specified

*Tie-break Rule:* Higher

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**Maxton Sewer Lift Station No. 7**  
**904 US 74 BUS, Maxton, NC 28364**



United States  
Department of  
Agriculture

**NRCS**

Natural  
Resources  
Conservation  
Service

A product of the National  
Cooperative Soil Survey,  
a joint effort of the United  
States Department of  
Agriculture and other  
Federal agencies, State  
agencies including the  
Agricultural Experiment  
Stations, and local  
participants

# Custom Soil Resource Report for **Robeson County, North Carolina**

**Maxton SLS No. 7, 904 US 74  
Business**



January 28, 2023

# Preface

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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](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

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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

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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

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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



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## MAP LEGEND

### Area of Interest (AOI)

 Area of Interest (AOI)

### Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

### Special Point Features

 Blowout

 Borrow Pit

 Clay Spot

 Closed Depression

 Gravel Pit

 Gravelly Spot

 Landfill

 Lava Flow

 Marsh or swamp

 Mine or Quarry

 Miscellaneous Water

 Perennial Water

 Rock Outcrop

 Saline Spot

 Sandy Spot

 Severely Eroded Spot

 Sinkhole

 Slide or Slip

 Sodic Spot

 Spoil Area

 Stony Spot

 Very Stony Spot

 Wet Spot

 Other

 Special Line Features

### Water Features

 Streams and Canals

### Transportation

 Rails

 Interstate Highways

 US Routes

 Major Roads

 Local Roads

### Background

 Aerial Photography

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service  
Web Soil Survey URL:  
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Robeson County, North Carolina  
Survey Area Data: Version 21, Sep 12, 2022

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

Date(s) aerial images were photographed: Apr 17, 2022—May 20, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BB	Bibb soils	0.3	91.9%
LaB	Lakeland sand, 0 to 6 percent slopes	0.0	8.1%
<b>Totals for Area of Interest</b>		<b>0.3</b>	<b>100.0%</b>

## 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.

## Robeson County, North Carolina

### BB—Bibb soils

#### Map Unit Setting

*National map unit symbol:* 3vdw  
*Elevation:* 80 to 330 feet  
*Mean annual precipitation:* 38 to 55 inches  
*Mean annual air temperature:* 59 to 70 degrees F  
*Frost-free period:* 210 to 265 days  
*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Bibb, undrained, and similar soils:* 80 percent  
*Johnston, undrained, and similar soils:* 10 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

### Description of Bibb, Undrained

#### Setting

*Landform:* Flood plains  
*Landform position (two-dimensional):* Toeslope  
*Down-slope shape:* Concave  
*Across-slope shape:* Linear  
*Parent material:* Sandy and loamy alluvium

#### Typical profile

*A - 0 to 6 inches:* sandy loam  
*Cg1 - 6 to 60 inches:* sandy loam  
*Cg2 - 60 to 80 inches:* loamy sand

#### Properties and qualities

*Slope:* 0 to 2 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Poorly drained  
*Runoff class:* Low  
*Capacity of the most limiting layer to transmit water (Ksat):* High (1.98 to 5.95 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 7.2 inches)

#### Interpretive groups

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 5w  
*Hydrologic Soil Group:* A/D  
*Hydric soil rating:* Yes

### Description of Johnston, Undrained

#### Setting

*Landform:* Flood plains  
*Down-slope shape:* Concave  
*Across-slope shape:* Linear  
*Parent material:* Sandy and loamy alluvium

**Typical profile**

*A - 0 to 30 inches:* mucky loam  
*Cg1 - 30 to 34 inches:* loamy fine sand  
*Cg2 - 34 to 80 inches:* fine sandy loam

**Properties and qualities**

*Slope:* 0 to 2 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Very poorly drained  
*Runoff class:* Ponded  
*Capacity of the most limiting layer to transmit water (Ksat):* High (1.98 to 5.95 in/hr)  
*Depth to water table:* About 0 inches  
*Frequency of flooding:* NoneFrequent  
*Frequency of ponding:* Frequent  
*Available water supply, 0 to 60 inches:* High (about 9.4 inches)

**Interpretive groups**

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 7w  
*Hydrologic Soil Group:* A/D  
*Hydric soil rating:* Yes

**LaB—Lakeland sand, 0 to 6 percent slopes**

**Map Unit Setting**

*National map unit symbol:* 3vfb  
*Elevation:* 80 to 330 feet  
*Mean annual precipitation:* 38 to 55 inches  
*Mean annual air temperature:* 59 to 70 degrees F  
*Frost-free period:* 210 to 265 days  
*Farmland classification:* Not prime farmland

**Map Unit Composition**

*Lakeland and similar soils:* 80 percent  
*Minor components:* 5 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

**Description of Lakeland**

**Setting**

*Landform:* Ridges on marine terraces  
*Landform position (two-dimensional):* Summit, shoulder  
*Landform position (three-dimensional):* Crest  
*Down-slope shape:* Convex  
*Across-slope shape:* Convex  
*Parent material:* Sandy marine deposits and/or eolian sands

**Typical profile**

*A - 0 to 6 inches:* sand

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*C1 - 6 to 48 inches: sand*

*C2 - 48 to 80 inches: sand*

### **Properties and qualities**

*Slope: 0 to 6 percent*

*Depth to restrictive feature: More than 80 inches*

*Drainage class: Excessively drained*

*Runoff class: Very low*

*Capacity of the most limiting layer to transmit water (Ksat): High to very high (5.95 to 19.98 in/hr)*

*Depth to water table: More than 80 inches*

*Frequency of flooding: None*

*Frequency of ponding: None*

*Available water supply, 0 to 60 inches: Low (about 4.0 inches)*

### **Interpretive groups**

*Land capability classification (irrigated): None specified*

*Land capability classification (nonirrigated): 4s*

*Hydrologic Soil Group: A*

*Hydric soil rating: No*

### **Minor Components**

#### **Leon**

*Percent of map unit: 5 percent*

*Landform: Flats on marine terraces*

*Down-slope shape: Linear*

*Across-slope shape: Concave*

*Hydric soil rating: Yes*

# **Soil Information for All Uses**

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## **Suitabilities and Limitations for Use**

The Suitabilities and Limitations for Use section includes various soil interpretations displayed as thematic maps with a summary table for the soil map units in the selected area of interest. A single value or rating for each map unit is generated by aggregating the interpretive ratings of individual map unit components. This aggregation process is defined for each interpretation.

## **Building Site Development**

Building site development interpretations are designed to be used as tools for evaluating soil suitability and identifying soil limitations for various construction purposes. As part of the interpretation process, the rating applies to each soil in its described condition and does not consider present land use. Example interpretations can include corrosion of concrete and steel, shallow excavations, dwellings with and without basements, small commercial buildings, local roads and streets, and lawns and landscaping.

## **Shallow Excavations**

Shallow excavations are trenches or holes dug to a maximum depth of 5 or 6 feet for graves, utility lines, open ditches, or other purposes. The ratings are based on the soil properties that influence the ease of digging and the resistance to sloughing. Depth to bedrock or a cemented pan, hardness of bedrock or a cemented pan, the amount of large stones, and dense layers influence the ease of digging, filling, and compacting. Depth to the seasonal high water table, flooding, and ponding may restrict the period when excavations can be made. Slope influences the ease of using machinery. Soil texture, depth to the water table, and linear extensibility (shrink-swell potential) influence the resistance to sloughing.

The ratings are both verbal and numerical. Rating class terms indicate the extent to which the soils are limited by all of the soil features that affect the specified use. "Not limited" indicates that the soil has features that are very favorable for the specified use. Good performance and very low maintenance can be expected. "Somewhat limited" indicates that the soil has features that are moderately favorable for the specified use. The limitations can be overcome or minimized by special planning, design, or installation. Fair performance and moderate

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maintenance can be expected. "Very limited" indicates that the soil has one or more features that are unfavorable for the specified use. The limitations generally cannot be overcome without major soil reclamation, special design, or expensive installation procedures. Poor performance and high maintenance can be expected.

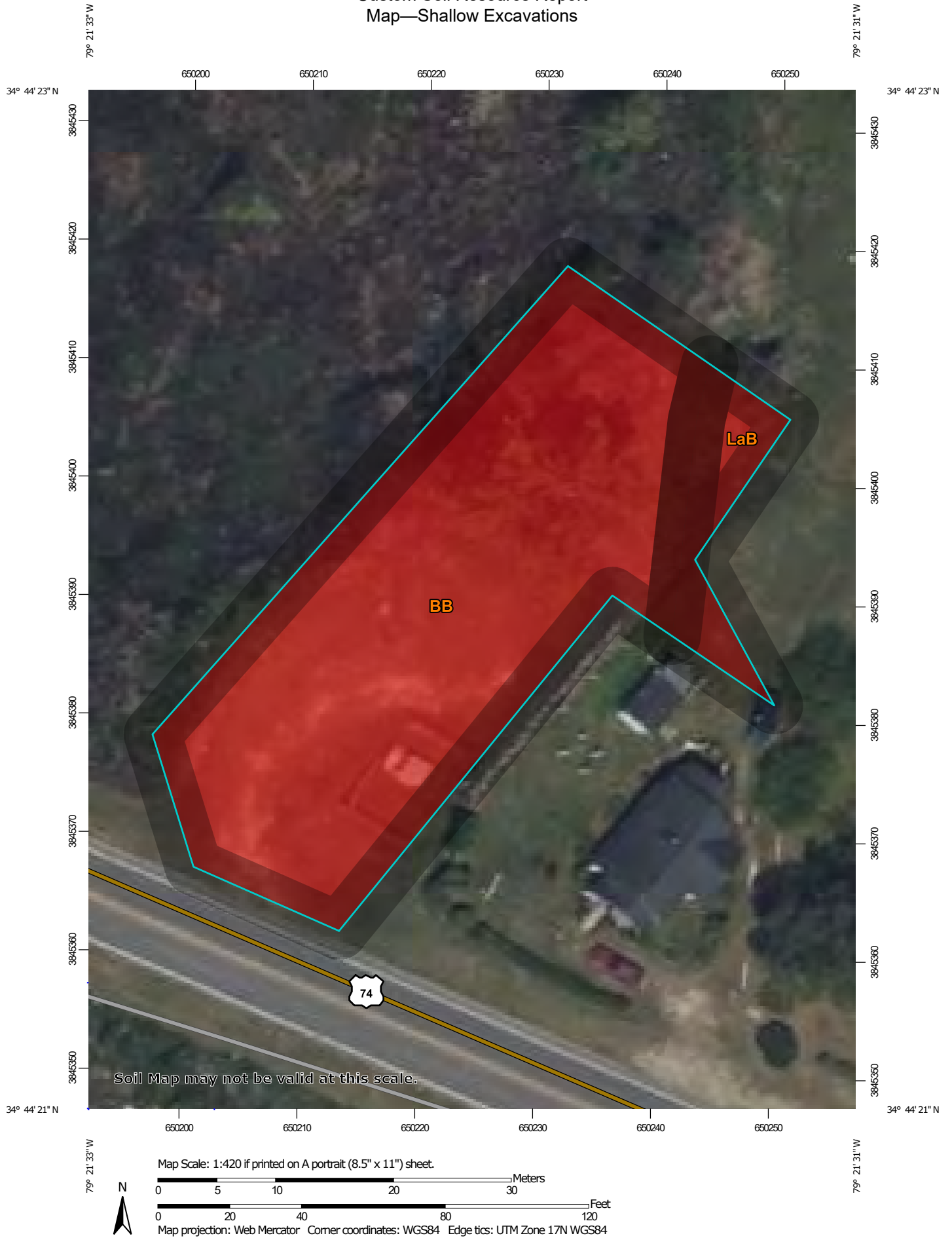
Numerical ratings indicate the severity of individual limitations. The ratings are shown as decimal fractions ranging from 0.01 to 1.00. They indicate gradations between the point at which a soil feature has the greatest negative impact on the use (1.00) and the point at which the soil feature is not a limitation (0.00).

The map unit components listed for each map unit in the accompanying Summary by Map Unit table in Web Soil Survey or the Aggregation Report in Soil Data Viewer are determined by the aggregation method chosen. An aggregated rating class is shown for each map unit. The components listed for each map unit are only those that have the same rating class as listed for the map unit. The percent composition of each component in a particular map unit is presented to help the user better understand the percentage of each map unit that has the rating presented.

Other components with different ratings may be present in each map unit. The ratings for all components, regardless of the map unit aggregated rating, can be viewed by generating the equivalent report from the Soil Reports tab in Web Soil Survey or from the Soil Data Mart site. Onsite investigation may be needed to validate these interpretations and to confirm the identity of the soil on a given site.




Custom Soil Resource Report  
Map—Shallow Excavations




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### MAP LEGEND

#### Area of Interest (AOI)





 Area of Interest (AOI)

#### Background





 Aerial Photography

#### Soils





##### Soil Rating Polygons

-  Very limited
-  Somewhat limited
-  Not limited
-  Not rated or not available


##### Soil Rating Lines

-  Very limited
-  Somewhat limited
-  Not limited
-  Not rated or not available



##### Soil Rating Points

-  Very limited
-  Somewhat limited
-  Not limited
-  Not rated or not available

#### Water Features

 Streams and Canals

#### Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

### MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service  
Web Soil Survey URL:  
Coordinate System: Web Mercator (EPSG:3857)

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Survey Area Data: Version 21, Sep 12, 2022

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

Date(s) aerial images were photographed: Apr 17, 2022—May 20, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Tables—Shallow Excavations

Map unit symbol	Map unit name	Rating	Component name (percent)	Rating reasons (numeric values)	Acres in AOI	Percent of AOI
BB	Bibb soils	Very limited	Bibb, undrained (80%)	Depth to saturated zone (1.00)	0.3	91.9%
				Flooding (0.80)		
				Unstable excavation walls (0.01)		
				Dusty (0.01)		
			Johnston, undrained (10%)	Ponding (1.00)		
				Depth to saturated zone (1.00)		
				Flooding (0.80)		
				Dusty (0.07)		
				Unstable excavation walls (0.01)		
			LaB	Lakeland sand, 0 to 6 percent slopes		
Leon (5%)	Depth to saturated zone (1.00)					
	Unstable excavation walls (1.00)					
	Totals for Area of Interest				0.3	100.0%

Rating	Acres in AOI	Percent of AOI
Very limited	0.3	100.0%
<b>Totals for Area of Interest</b>	<b>0.3</b>	<b>100.0%</b>

## Rating Options—Shallow Excavations

*Aggregation Method:* Dominant Condition

Aggregation is the process by which a set of component attribute values is reduced to a single value that represents the map unit as a whole.

A map unit is typically composed of one or more "components". A component is either some type of soil or some nonsoil entity, e.g., rock outcrop. For the attribute being aggregated, the first step of the aggregation process is to derive one attribute value for each of a map unit's components. From this set of component attributes,

the next step of the aggregation process derives a single value that represents the map unit as a whole. Once a single value for each map unit is derived, a thematic map for soil map units can be rendered. Aggregation must be done because, on any soil map, map units are delineated but components are not.

For each of a map unit's components, a corresponding percent composition is recorded. A percent composition of 60 indicates that the corresponding component typically makes up approximately 60% of the map unit. Percent composition is a critical factor in some, but not all, aggregation methods.

The aggregation method "Dominant Condition" first groups like attribute values for the components in a map unit. For each group, percent composition is set to the sum of the percent composition of all components participating in that group. These groups now represent "conditions" rather than components. The attribute value associated with the group with the highest cumulative percent composition is returned. If more than one group shares the highest cumulative percent composition, the corresponding "tie-break" rule determines which value should be returned. The "tie-break" rule indicates whether the lower or higher group value should be returned in the case of a percent composition tie. The result returned by this aggregation method represents the dominant condition throughout the map unit only when no tie has occurred.

*Component Percent Cutoff: None Specified*

Components whose percent composition is below the cutoff value will not be considered. If no cutoff value is specified, all components in the database will be considered. The data for some contrasting soils of minor extent may not be in the database, and therefore are not considered.

*Tie-break Rule: Higher*

The tie-break rule indicates which value should be selected from a set of multiple candidate values, or which value should be selected in the event of a percent composition tie.

# References

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**Maxton Sewer Lift Station No. 10**  
**627 NC Highway 71N, Maxton, NC 28364**



United States  
Department of  
Agriculture

NRCS

Natural  
Resources  
Conservation  
Service

A product of the National  
Cooperative Soil Survey,  
a joint effort of the United  
States Department of  
Agriculture and other  
Federal agencies, State  
agencies including the  
Agricultural Experiment  
Stations, and local  
participants

# Custom Soil Resource Report for Robeson County, North Carolina

Maxton SLS No. 10, 627 NC  
Highway 71N



January 28, 2023

# Preface

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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](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

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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



Soil Map may not be valid at this scale.

Map Scale: 1:417 if printed on A landscape (11" x 8.5") sheet.

0 5 10 20 30 Meters

0 20 40 80 120 Feet

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 17N WGS84

# Custom Soil Resource Report


## MAP LEGEND

### Area of Interest (AOI)

 Area of Interest (AOI)

### Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

### Special Point Features

 Blowout

 Borrow Pit

 Clay Spot

 Closed Depression

 Gravel Pit

 Gravelly Spot

 Landfill

 Lava Flow

 Marsh or swamp

 Mine or Quarry

 Miscellaneous Water

 Perennial Water

 Rock Outcrop

 Saline Spot

 Sandy Spot

 Severely Eroded Spot

 Sinkhole

 Slide or Slip

 Sodic Spot

 Spoil Area

 Stony Spot

 Very Stony Spot

 Wet Spot

 Other

 Special Line Features

### Water Features

 Streams and Canals

### Transportation

 Rails

 Interstate Highways

 US Routes

 Major Roads

 Local Roads

### Background

 Aerial Photography

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service  
Web Soil Survey URL:  
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Robeson County, North Carolina  
Survey Area Data: Version 21, Sep 12, 2022

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

Date(s) aerial images were photographed: Apr 17, 2022—May 20, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Lu	Lumbee sandy loam	0.4	97.1%
WaB	Wagram loamy sand, 0 to 6 percent slopes	0.0	2.9%
<b>Totals for Area of Interest</b>		<b>0.4</b>	<b>100.0%</b>

## 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.

## Robeson County, North Carolina

### Lu—Lumbee sandy loam

#### Map Unit Setting

*National map unit symbol:* 3vfc  
*Elevation:* 80 to 330 feet  
*Mean annual precipitation:* 38 to 55 inches  
*Mean annual air temperature:* 59 to 70 degrees F  
*Frost-free period:* 210 to 265 days  
*Farmland classification:* Prime farmland if drained

#### Map Unit Composition

*Lumbee, drained, and similar soils:* 85 percent  
*Lumbee, undrained, and similar soils:* 15 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Lumbee, Drained

##### Setting

*Landform:* Backswamps on stream terraces  
*Down-slope shape:* Concave  
*Across-slope shape:* Linear  
*Parent material:* Loamy alluvium over sandy alluvium

##### Typical profile

*Ap - 0 to 6 inches:* sandy loam  
*E - 6 to 14 inches:* sandy loam  
*Btg - 14 to 36 inches:* sandy clay loam  
*2Cg - 36 to 80 inches:* loamy sand

##### Properties and qualities

*Slope:* 0 to 2 percent  
*Depth to restrictive feature:* 20 to 40 inches to strongly contrasting textural stratification  
*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:* Rare  
*Frequency of ponding:* None  
*Available water supply, 0 to 60 inches:* Low (about 4.4 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 3w  
*Hydrologic Soil Group:* B/D  
*Hydric soil rating:* Yes

#### Description of Lumbee, Undrained

##### Setting

*Landform:* Backswamps on stream terraces  
*Down-slope shape:* Concave  
*Across-slope shape:* Linear

## Custom Soil Resource Report

*Parent material:* Loamy alluvium over sandy alluvium

### Typical profile

*Ap - 0 to 6 inches:* sandy loam  
*E - 6 to 14 inches:* sandy loam  
*Btg - 14 to 36 inches:* sandy clay loam  
*2Cg - 36 to 80 inches:* loamy sand

### Properties and qualities

*Slope:* 0 to 2 percent  
*Depth to restrictive feature:* 20 to 40 inches to strongly contrasting textural stratification  
*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:* Rare  
*Frequency of ponding:* Occasional  
*Available water supply, 0 to 60 inches:* Low (about 4.4 inches)

### Interpretive groups

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 6w  
*Hydrologic Soil Group:* B/D  
*Hydric soil rating:* Yes

## WaB—Wagram loamy sand, 0 to 6 percent slopes

### Map Unit Setting

*National map unit symbol:* 3vg3  
*Elevation:* 80 to 330 feet  
*Mean annual precipitation:* 38 to 55 inches  
*Mean annual air temperature:* 59 to 70 degrees F  
*Frost-free period:* 210 to 265 days  
*Farmland classification:* Farmland of statewide importance

### Map Unit Composition

*Wagram and similar soils:* 90 percent  
*Minor components:* 5 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

### Description of Wagram

#### Setting

*Landform:* Ridges on marine terraces, broad interstream divides on marine terraces  
*Landform position (two-dimensional):* Summit, shoulder  
*Landform position (three-dimensional):* Crest  
*Down-slope shape:* Convex  
*Across-slope shape:* Convex

## Custom Soil Resource Report

*Parent material:* Loamy marine deposits

### Typical profile

*Ap - 0 to 8 inches:* loamy sand

*E - 8 to 24 inches:* loamy sand

*Bt - 24 to 75 inches:* sandy clay loam

*BC - 75 to 83 inches:* sandy loam

### Properties and qualities

*Slope:* 0 to 6 percent

*Depth to restrictive feature:* More than 80 inches

*Drainage class:* Well drained

*Runoff class:* Low

*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 60 to 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Available water supply, 0 to 60 inches:* Moderate (about 6.7 inches)

### Interpretive groups

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 2s

*Hydrologic Soil Group:* A

*Hydric soil rating:* No

### Minor Components

#### **Bibb, undrained**

*Percent of map unit:* 3 percent

*Landform:* Flood plains

*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

# **Soil Information for All Uses**

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## **Suitabilities and Limitations for Use**

The Suitabilities and Limitations for Use section includes various soil interpretations displayed as thematic maps with a summary table for the soil map units in the selected area of interest. A single value or rating for each map unit is generated by aggregating the interpretive ratings of individual map unit components. This aggregation process is defined for each interpretation.

## **Building Site Development**

Building site development interpretations are designed to be used as tools for evaluating soil suitability and identifying soil limitations for various construction purposes. As part of the interpretation process, the rating applies to each soil in its described condition and does not consider present land use. Example interpretations can include corrosion of concrete and steel, shallow excavations, dwellings with and without basements, small commercial buildings, local roads and streets, and lawns and landscaping.

## **Shallow Excavations**

Shallow excavations are trenches or holes dug to a maximum depth of 5 or 6 feet for graves, utility lines, open ditches, or other purposes. The ratings are based on the soil properties that influence the ease of digging and the resistance to sloughing. Depth to bedrock or a cemented pan, hardness of bedrock or a cemented pan, the amount of large stones, and dense layers influence the ease of digging, filling, and compacting. Depth to the seasonal high water table, flooding, and ponding may restrict the period when excavations can be made. Slope influences the ease of using machinery. Soil texture, depth to the water table, and linear extensibility (shrink-swell potential) influence the resistance to sloughing.

The ratings are both verbal and numerical. Rating class terms indicate the extent to which the soils are limited by all of the soil features that affect the specified use. "Not limited" indicates that the soil has features that are very favorable for the specified use. Good performance and very low maintenance can be expected. "Somewhat limited" indicates that the soil has features that are moderately favorable for the specified use. The limitations can be overcome or minimized by special planning, design, or installation. Fair performance and moderate

## Custom Soil Resource Report

maintenance can be expected. "Very limited" indicates that the soil has one or more features that are unfavorable for the specified use. The limitations generally cannot be overcome without major soil reclamation, special design, or expensive installation procedures. Poor performance and high maintenance can be expected.

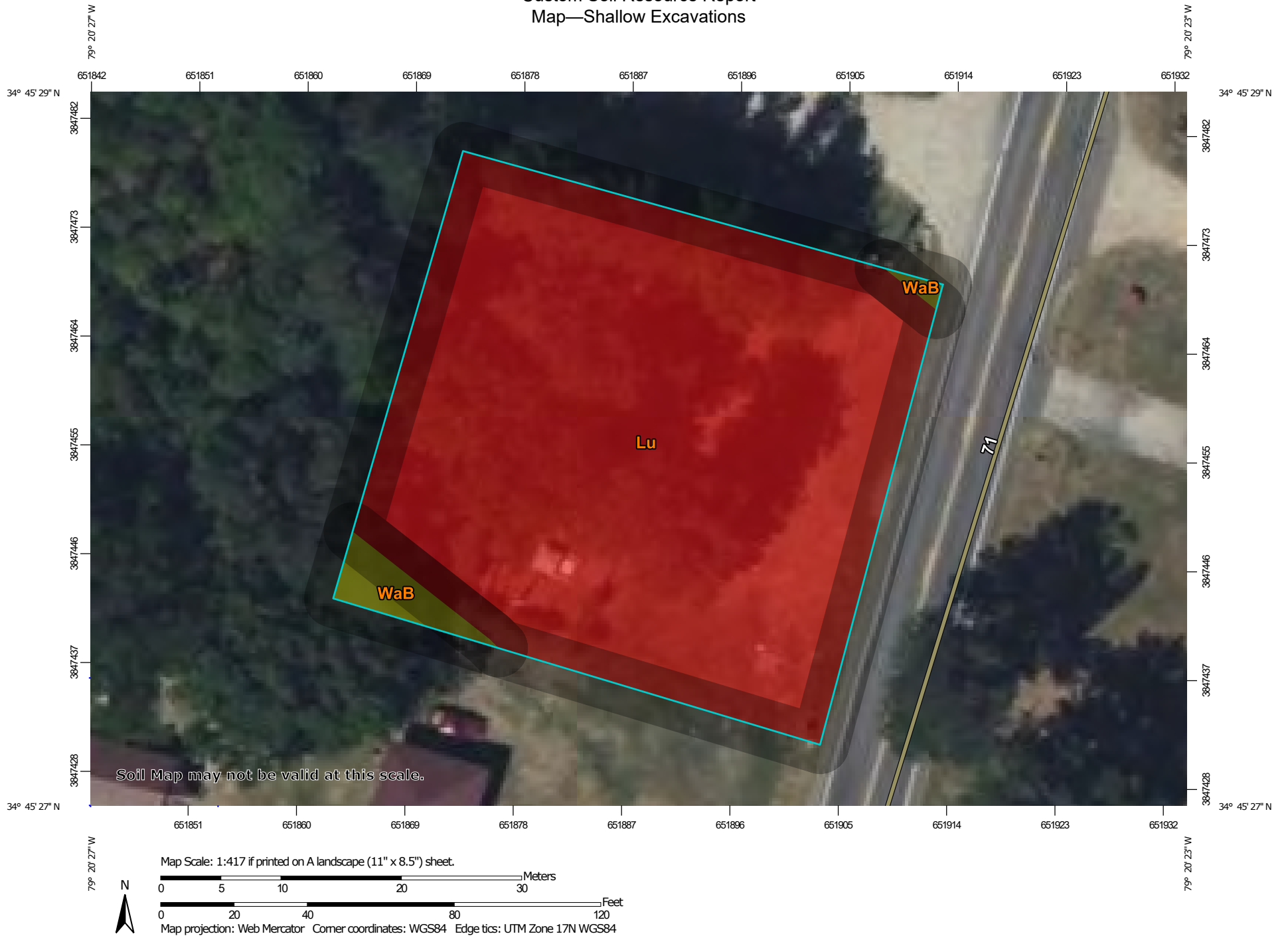
Numerical ratings indicate the severity of individual limitations. The ratings are shown as decimal fractions ranging from 0.01 to 1.00. They indicate gradations between the point at which a soil feature has the greatest negative impact on the use (1.00) and the point at which the soil feature is not a limitation (0.00).

The map unit components listed for each map unit in the accompanying Summary by Map Unit table in Web Soil Survey or the Aggregation Report in Soil Data Viewer are determined by the aggregation method chosen. An aggregated rating class is shown for each map unit. The components listed for each map unit are only those that have the same rating class as listed for the map unit. The percent composition of each component in a particular map unit is presented to help the user better understand the percentage of each map unit that has the rating presented.

Other components with different ratings may be present in each map unit. The ratings for all components, regardless of the map unit aggregated rating, can be viewed by generating the equivalent report from the Soil Reports tab in Web Soil Survey or from the Soil Data Mart site. Onsite investigation may be needed to validate these interpretations and to confirm the identity of the soil on a given site.




# Custom Soil Resource Report Map—Shallow Excavations




## Custom Soil Resource Report

### MAP LEGEND

#### Area of Interest (AOI)





 Area of Interest (AOI)

#### Background





 Aerial Photography

#### Soils





##### Soil Rating Polygons

 Very limited  
 Somewhat limited  
 Not limited  
 Not rated or not available


##### Soil Rating Lines

 Very limited  
 Somewhat limited  
 Not limited  
 Not rated or not available






##### Soil Rating Points

 Very limited  
 Somewhat limited  
 Not limited  
 Not rated or not available

#### Water Features

 Streams and Canals

#### Transportation

 Rails  
 Interstate Highways  
 US Routes  
 Major Roads  
 Local Roads

### MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service  
Web Soil Survey URL:  
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Robeson County, North Carolina  
Survey Area Data: Version 21, Sep 12, 2022

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

Date(s) aerial images were photographed: Apr 17, 2022—May 20, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Tables—Shallow Excavations

Map unit symbol	Map unit name	Rating	Component name (percent)	Rating reasons (numeric values)	Acres in AOI	Percent of AOI
Lu	Lumbee sandy loam	Very limited	Lumbee, drained (85%)	Depth to saturated zone (1.00)	0.4	97.1%
				Dusty (0.02)		
				Unstable excavation walls (0.01)		
			Lumbee, undrained (15%)	Ponding (1.00)		
				Depth to saturated zone (1.00)		
				Dusty (0.02)		
				Unstable excavation walls (0.01)		
WaB	Wagram loamy sand, 0 to 6 percent slopes	Somewhat limited	Wagram (90%)	Unstable excavation walls (0.01)	0.0	2.9%
<b>Totals for Area of Interest</b>					<b>0.4</b>	<b>100.0%</b>

Rating	Acres in AOI	Percent of AOI
Somewhat limited	0.0	2.9%
Very limited	0.4	97.1%
<b>Totals for Area of Interest</b>	<b>0.4</b>	<b>100.0%</b>

## Rating Options—Shallow Excavations

### *Aggregation Method:* Dominant Condition

Aggregation is the process by which a set of component attribute values is reduced to a single value that represents the map unit as a whole.

A map unit is typically composed of one or more "components". A component is either some type of soil or some nonsoil entity, e.g., rock outcrop. For the attribute being aggregated, the first step of the aggregation process is to derive one attribute value for each of a map unit's components. From this set of component attributes, the next step of the aggregation process derives a single value that represents the map unit as a whole. Once a single value for each map unit is derived, a thematic map for soil map units can be rendered. Aggregation must be done because, on any soil map, map units are delineated but components are not.

For each of a map unit's components, a corresponding percent composition is recorded. A percent composition of 60 indicates that the corresponding component typically makes up approximately 60% of the map unit. Percent composition is a critical factor in some, but not all, aggregation methods.

The aggregation method "Dominant Condition" first groups like attribute values for the components in a map unit. For each group, percent composition is set to the sum of the percent composition of all components participating in that group. These groups now represent "conditions" rather than components. The attribute value associated with the group with the highest cumulative percent composition is returned. If more than one group shares the highest cumulative percent composition, the corresponding "tie-break" rule determines which value should be returned. The "tie-break" rule indicates whether the lower or higher group value should be returned in the case of a percent composition tie. The result returned by this aggregation method represents the dominant condition throughout the map unit only when no tie has occurred.

*Component Percent Cutoff: None Specified*

Components whose percent composition is below the cutoff value will not be considered. If no cutoff value is specified, all components in the database will be considered. The data for some contrasting soils of minor extent may not be in the database, and therefore are not considered.

*Tie-break Rule: Higher*

The tie-break rule indicates which value should be selected from a set of multiple candidate values, or which value should be selected in the event of a percent composition tie.

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- 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>

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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](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](http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053624)

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**Maxton Sewer Lift Station No. 11**  
**2074 NC Highway 71N, Maxton, NC 28364**



United States  
Department of  
Agriculture

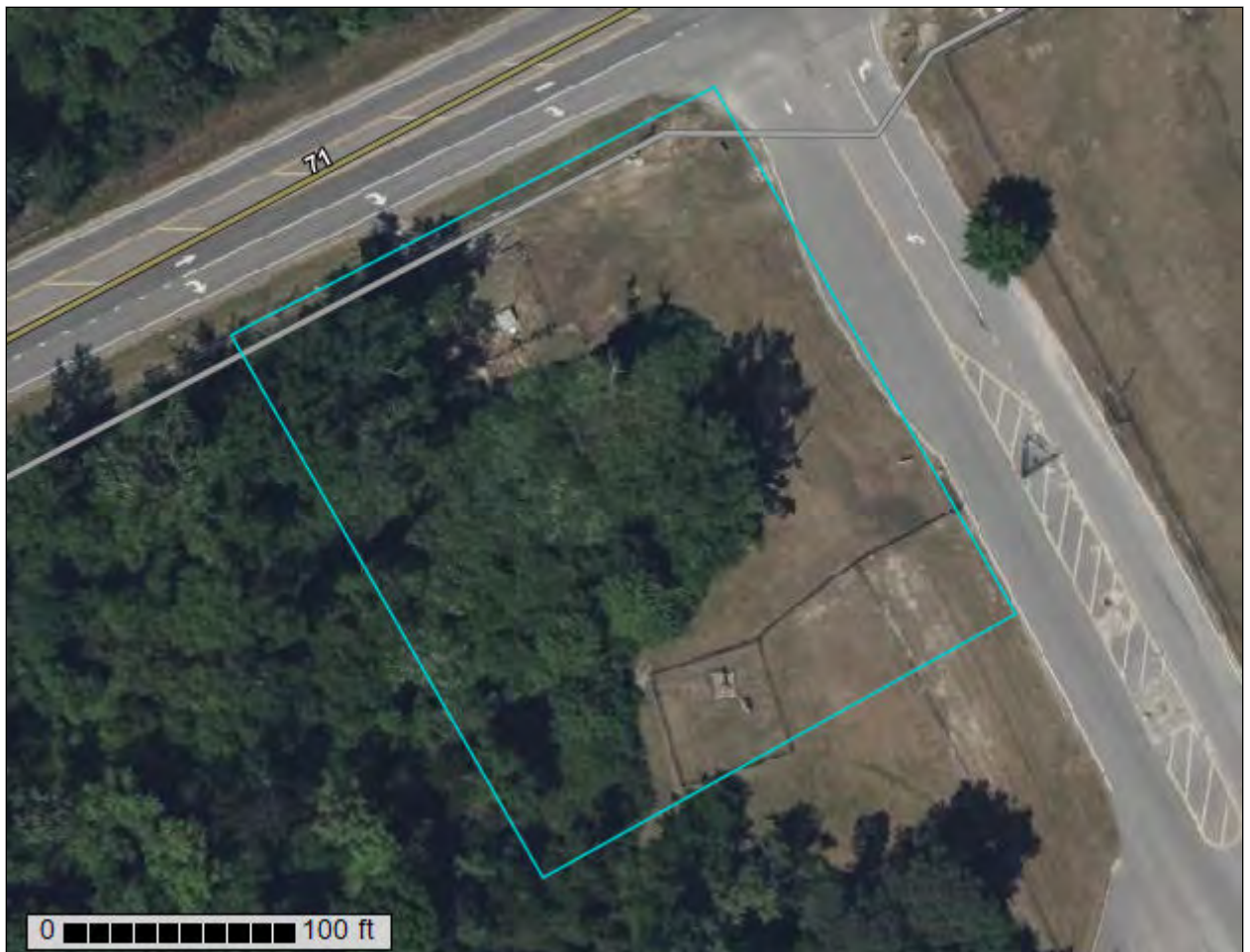
**NRCS**

Natural  
Resources  
Conservation  
Service

A product of the National  
Cooperative Soil Survey,  
a joint effort of the United  
States Department of  
Agriculture and other  
Federal agencies, State  
agencies including the  
Agricultural Experiment  
Stations, and local  
participants

# Custom Soil Resource Report for **Robeson County, North Carolina**

**Maxton SLS No. 11, 2074 NC  
Highway 71N**



January 28, 2023

# Preface

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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](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

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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

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The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.


# Custom Soil Resource Report Soil Map



# Custom Soil Resource Report

## MAP LEGEND

### Area of Interest (AOI)

 Area of Interest (AOI)


### Soils


 Soil Map Unit Polygons


 Soil Map Unit Lines


 Soil Map Unit Points

### Special Point Features

 Blowout

 Borrow Pit

 Clay Spot

 Closed Depression

 Gravel Pit

 Gravelly Spot

 Landfill

 Lava Flow

 Marsh or swamp

 Mine or Quarry

 Miscellaneous Water


 Perennial Water

 Rock Outcrop


 Saline Spot

 Sandy Spot

 Severely Eroded Spot


 Sinkhole


 Slide or Slip

 Sodic Spot

 Spoil Area

 Stony Spot


 Very Stony Spot

 Wet Spot

 Other

 Special Line Features

### Water Features

 Streams and Canals


### Transportation

 Rails


 Interstate Highways

 US Routes

 Major Roads

 Local Roads

### Background

 Aerial Photography

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Robeson County, North Carolina

Survey Area Data: Version 21, Sep 12, 2022

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

Date(s) aerial images were photographed: Apr 17, 2022—May 20, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BB	Bibb soils	0.7	49.5%
NsC	Norfolk and Faceville soils, 6 to 10 percent slopes	0.7	50.5%
<b>Totals for Area of Interest</b>		<b>1.4</b>	<b>100.0%</b>

## 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.

## Robeson County, North Carolina

### BB—Bibb soils

#### Map Unit Setting

*National map unit symbol:* 3vdw  
*Elevation:* 80 to 330 feet  
*Mean annual precipitation:* 38 to 55 inches  
*Mean annual air temperature:* 59 to 70 degrees F  
*Frost-free period:* 210 to 265 days  
*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Bibb, undrained, and similar soils:* 80 percent  
*Johnston, undrained, and similar soils:* 10 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

### Description of Bibb, Undrained

#### Setting

*Landform:* Flood plains  
*Landform position (two-dimensional):* Toeslope  
*Down-slope shape:* Concave  
*Across-slope shape:* Linear  
*Parent material:* Sandy and loamy alluvium

#### Typical profile

*A - 0 to 6 inches:* sandy loam  
*Cg1 - 6 to 60 inches:* sandy loam  
*Cg2 - 60 to 80 inches:* loamy sand

#### Properties and qualities

*Slope:* 0 to 2 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Poorly drained  
*Runoff class:* Low  
*Capacity of the most limiting layer to transmit water (Ksat):* High (1.98 to 5.95 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 7.2 inches)

#### Interpretive groups

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 5w  
*Hydrologic Soil Group:* A/D  
*Hydric soil rating:* Yes

### Description of Johnston, Undrained

#### Setting

*Landform:* Flood plains  
*Down-slope shape:* Concave  
*Across-slope shape:* Linear  
*Parent material:* Sandy and loamy alluvium

**Typical profile**

*A - 0 to 30 inches:* mucky loam  
*Cg1 - 30 to 34 inches:* loamy fine sand  
*Cg2 - 34 to 80 inches:* fine sandy loam

**Properties and qualities**

*Slope:* 0 to 2 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Very poorly drained  
*Runoff class:* Ponded  
*Capacity of the most limiting layer to transmit water (Ksat):* High (1.98 to 5.95 in/hr)  
*Depth to water table:* About 0 inches  
*Frequency of flooding:* NoneFrequent  
*Frequency of ponding:* Frequent  
*Available water supply, 0 to 60 inches:* High (about 9.4 inches)

**Interpretive groups**

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 7w  
*Hydrologic Soil Group:* A/D  
*Hydric soil rating:* Yes

**NsC—Norfolk and Faceville soils, 6 to 10 percent slopes**

**Map Unit Setting**

*National map unit symbol:* 3vfn  
*Elevation:* 80 to 330 feet  
*Mean annual precipitation:* 38 to 55 inches  
*Mean annual air temperature:* 59 to 70 degrees F  
*Frost-free period:* 210 to 265 days  
*Farmland classification:* Farmland of statewide importance

**Map Unit Composition**

*Norfolk and similar soils:* 40 percent  
*Faceville and similar soils:* 30 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

**Description of Norfolk**

**Setting**

*Landform:* Ridges on marine terraces, broad interstream divides on marine terraces  
*Landform position (two-dimensional):* Shoulder  
*Landform position (three-dimensional):* Crest  
*Down-slope shape:* Convex  
*Across-slope shape:* Convex  
*Parent material:* Loamy marine deposits

## Custom Soil Resource Report

### Typical profile

*Ap - 0 to 9 inches:* loamy sand  
*E - 9 to 14 inches:* loamy sand  
*Bt - 14 to 70 inches:* sandy clay loam  
*C - 70 to 100 inches:* sandy clay loam

### Properties and qualities

*Slope:* 6 to 10 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Well drained  
*Runoff class:* Medium  
*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 40 to 72 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Available water supply, 0 to 60 inches:* Moderate (about 7.6 inches)

### Interpretive groups

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 3e  
*Hydrologic Soil Group:* A  
*Hydric soil rating:* No

## Description of Faceville

### Setting

*Landform:* Ridges on marine terraces, broad interstream divides on marine terraces  
*Landform position (two-dimensional):* Shoulder  
*Landform position (three-dimensional):* Crest  
*Down-slope shape:* Convex  
*Across-slope shape:* Convex  
*Parent material:* Clayey marine deposits

### Typical profile

*Ap - 0 to 8 inches:* fine sandy loam  
*E - 8 to 13 inches:* fine sandy loam  
*Bt - 13 to 80 inches:* clay

### Properties and qualities

*Slope:* 6 to 10 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Well drained  
*Runoff class:* Medium  
*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:* More than 80 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Available water supply, 0 to 60 inches:* Moderate (about 8.1 inches)

### Interpretive groups

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 4e  
*Hydrologic Soil Group:* B  
*Hydric soil rating:* No



# **Soil Information for All Uses**

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## **Suitabilities and Limitations for Use**

The Suitabilities and Limitations for Use section includes various soil interpretations displayed as thematic maps with a summary table for the soil map units in the selected area of interest. A single value or rating for each map unit is generated by aggregating the interpretive ratings of individual map unit components. This aggregation process is defined for each interpretation.

## **Building Site Development**

Building site development interpretations are designed to be used as tools for evaluating soil suitability and identifying soil limitations for various construction purposes. As part of the interpretation process, the rating applies to each soil in its described condition and does not consider present land use. Example interpretations can include corrosion of concrete and steel, shallow excavations, dwellings with and without basements, small commercial buildings, local roads and streets, and lawns and landscaping.

### **Shallow Excavations**

Shallow excavations are trenches or holes dug to a maximum depth of 5 or 6 feet for graves, utility lines, open ditches, or other purposes. The ratings are based on the soil properties that influence the ease of digging and the resistance to sloughing. Depth to bedrock or a cemented pan, hardness of bedrock or a cemented pan, the amount of large stones, and dense layers influence the ease of digging, filling, and compacting. Depth to the seasonal high water table, flooding, and ponding may restrict the period when excavations can be made. Slope influences the ease of using machinery. Soil texture, depth to the water table, and linear extensibility (shrink-swell potential) influence the resistance to sloughing.

The ratings are both verbal and numerical. Rating class terms indicate the extent to which the soils are limited by all of the soil features that affect the specified use. "Not limited" indicates that the soil has features that are very favorable for the specified use. Good performance and very low maintenance can be expected. "Somewhat limited" indicates that the soil has features that are moderately favorable for the specified use. The limitations can be overcome or minimized by special planning, design, or installation. Fair performance and moderate



## Custom Soil Resource Report

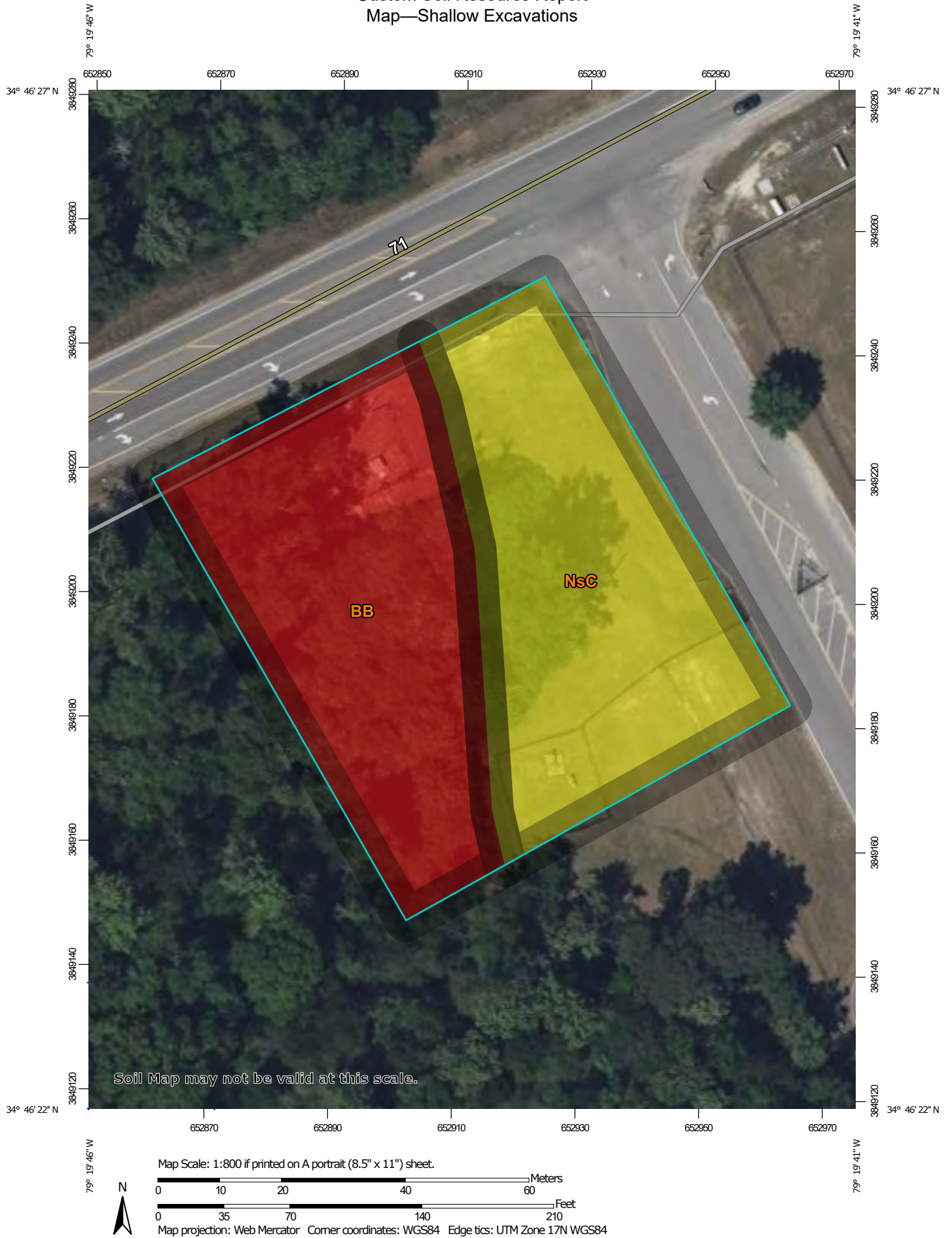
maintenance can be expected. "Very limited" indicates that the soil has one or more features that are unfavorable for the specified use. The limitations generally cannot be overcome without major soil reclamation, special design, or expensive installation procedures. Poor performance and high maintenance can be expected.

Numerical ratings indicate the severity of individual limitations. The ratings are shown as decimal fractions ranging from 0.01 to 1.00. They indicate gradations between the point at which a soil feature has the greatest negative impact on the use (1.00) and the point at which the soil feature is not a limitation (0.00).

The map unit components listed for each map unit in the accompanying Summary by Map Unit table in Web Soil Survey or the Aggregation Report in Soil Data Viewer are determined by the aggregation method chosen. An aggregated rating class is shown for each map unit. The components listed for each map unit are only those that have the same rating class as listed for the map unit. The percent composition of each component in a particular map unit is presented to help the user better understand the percentage of each map unit that has the rating presented.

Other components with different ratings may be present in each map unit. The ratings for all components, regardless of the map unit aggregated rating, can be viewed by generating the equivalent report from the Soil Reports tab in Web Soil Survey or from the Soil Data Mart site. Onsite investigation may be needed to validate these interpretations and to confirm the identity of the soil on a given site.


# Custom Soil Resource Report Map—Shallow Excavations




## Custom Soil Resource Report

### MAP LEGEND

#### Area of Interest (AOI)





 Area of Interest (AOI)

#### Background





 Aerial Photography

#### Soils





##### Soil Rating Polygons

-  Very limited
-  Somewhat limited
-  Not limited
-  Not rated or not available


##### Soil Rating Lines

-  Very limited
-  Somewhat limited
-  Not limited
-  Not rated or not available



##### Soil Rating Points

-  Very limited
-  Somewhat limited
-  Not limited
-  Not rated or not available

#### Water Features

 Streams and Canals

#### Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

### MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service  
Web Soil Survey URL:  
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Robeson County, North Carolina  
Survey Area Data: Version 21, Sep 12, 2022

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

Date(s) aerial images were photographed: Apr 17, 2022—May 20, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Tables—Shallow Excavations

Map unit symbol	Map unit name	Rating	Component name (percent)	Rating reasons (numeric values)	Acres in AOI	Percent of AOI					
BB	Bibb soils	Very limited	Bibb, undrained (80%)	Depth to saturated zone (1.00)	0.7	49.5%					
				Flooding (0.80)							
				Unstable excavation walls (0.01)							
				Dusty (0.01)							
			Johnston, undrained (10%)	Ponding (1.00)							
				Depth to saturated zone (1.00)							
				Flooding (0.80)							
				Dusty (0.07)							
				Unstable excavation walls (0.01)							
			NsC	Norfolk and Faceville soils, 6 to 10 percent slopes			Somewhat limited	Norfolk (40%)	Depth to saturated zone (0.61)	0.7	50.5%
Unstable excavation walls (0.01)											
Faceville (30%)	Too clayey (0.13)										
	Dusty (0.04)										
	Unstable excavation walls (0.01)										
Totals for Area of Interest					1.4	100.0%					

Rating	Acres in AOI	Percent of AOI
Somewhat limited	0.7	50.5%
Very limited	0.7	49.5%
<b>Totals for Area of Interest</b>	<b>1.4</b>	<b>100.0%</b>

## Rating Options—Shallow Excavations

*Aggregation Method:* Dominant Condition

Aggregation is the process by which a set of component attribute values is reduced to a single value that represents the map unit as a whole.

A map unit is typically composed of one or more "components". A component is either some type of soil or some nonsoil entity, e.g., rock outcrop. For the attribute being aggregated, the first step of the aggregation process is to derive one attribute value for each of a map unit's components. From this set of component attributes, the next step of the aggregation process derives a single value that represents the map unit as a whole. Once a single value for each map unit is derived, a thematic map for soil map units can be rendered. Aggregation must be done because, on any soil map, map units are delineated but components are not.

For each of a map unit's components, a corresponding percent composition is recorded. A percent composition of 60 indicates that the corresponding component typically makes up approximately 60% of the map unit. Percent composition is a critical factor in some, but not all, aggregation methods.

The aggregation method "Dominant Condition" first groups like attribute values for the components in a map unit. For each group, percent composition is set to the sum of the percent composition of all components participating in that group. These groups now represent "conditions" rather than components. The attribute value associated with the group with the highest cumulative percent composition is returned. If more than one group shares the highest cumulative percent composition, the corresponding "tie-break" rule determines which value should be returned. The "tie-break" rule indicates whether the lower or higher group value should be returned in the case of a percent composition tie. The result returned by this aggregation method represents the dominant condition throughout the map unit only when no tie has occurred.

*Component Percent Cutoff: None Specified*

Components whose percent composition is below the cutoff value will not be considered. If no cutoff value is specified, all components in the database will be considered. The data for some contrasting soils of minor extent may not be in the database, and therefore are not considered.

*Tie-break Rule: Higher*

The tie-break rule indicates which value should be selected from a set of multiple candidate values, or which value should be selected in the event of a percent composition tie.

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- 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](http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/scientists/?cid=nrcs142p2_054242)

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# Attachment 10

EO 11988 Floodplain Management  
Determination

**Town of Maxton Sewer Lift Station Generators Project**  
**EO 11988 Floodplain Management Determination**  
***Infrastructure Recovery Program***

June 29, 2023

**Introduction & Overview**

The purpose of Executive Order (EO) 11988 Floodplain Management is “to avoid to the extent possible the long- and short-term adverse impacts associated with occupancy and modification of floodplains and to avoid direct or indirect support of floodplain development wherever there is a practicable alternative.” This determination contains the analysis prescribed by 24 CFR Part 55.

This proposed action involves U.S. Department of Housing and Urban Development (HUD) Community Development Block Grant Program – Mitigation (CDBG-MIT) funding to purchase and install four (4) generator packages, to include integrated diesel fuel tanks, automatic transfer switching, wiring connections, electrical panels, mounting pads, and the generators. The analysis that follows focuses on floodplain impacts, as there are direct floodplain impacts associated with this proposed action. Based on the existing sewer lift stations, generator placement requirements, type of land use, site conditions, and other case characteristics described herein, it is concluded that there is a reasonable basis to proceed with funding for this proposed action within 100-year floodplain. The HUD CDBG-MIT funding is administered through the North Carolina Office of Recovery and Resiliency (NCORR) Infrastructure Recovery Program which is developing sustainable and resilient communities. Thus, alternatives preventing or impeding the development of sustainable and resilient communities are not considered reasonable alternatives.

**Description of Proposed Action & Land Use**

The State of North Carolina was adversely impacted by the landfall of Hurricanes Matthew (October 8, 2016) and Florence (September 14, 2018). During the Hurricane Matthew storm event, the Town of Maxton lost primary power for an extended time, which adversely impacted the Town’s ability to maintain proper functioning of its sewage treatment facility and peripheral sewer lift stations. The loss of sewage treatment capacity caused an immediate threat to the public health and safety of the Town’s residents resulting from sewage backups into buildings served by the offline sewer lift stations. This proposed action will utilize CDBG-MIT funding to install auxiliary power generators at four existing sewer lift stations which move raw sewage from neighborhoods in the Town to the central processing facility, and will mitigate against potential backups and lack of capacity during future storm events. No change in land use is proposed. (See *Town of Maxton Sewer Lift Station Generators Project Environmental Assessment [EA] Environmental Review Record [ERR]*).

Robeson County, on behalf of the Town of Maxton, has procured engineering services to provide design drawings for the purchase of auxiliary power generators of appropriate sizes to alleviate the effects of future primary power loss, per the following:

1. **SLS No. 5:** One (1) 25kW, 240/120v three-phase, diesel-powered auxiliary power generator will be situated in the northwest quadrant of the property. Generator equipment will include a belly-mounted, integrated 25-gallon fuel tank, battery and charger, and control panel equipment with automatic circuit breakers. The generator will also include automatic transfer switching. In the event of primary power failure, the automatic transfer switch (ATS) will sense loss of primary

power and automatically start the generator. Specifications for the ATS include a 400A, 120/240V, 60Hz voltage rating. The switch will be installed adjacent to the new control panel and circuit breaker equipment, 6' above-grade and connected to the generator equipment set via underground conduit. The generator package will be set upon a newly constructed, reinforced concrete pad, 8' x 4' x 8," with 4" of the pad below- and 4" above-grade. New electrical panels and controls will be installed on an erected power panel, attached to metal support poles, anchored 4' below-grade. Electrical connections from the generator to/from the control panel and ATS, and subsequent connections to the lift station will be via underground conduit, installed by directional drilling.

2. **SLS No. 7:** One (1) 40kW, 240/120v three-phase, diesel-powered auxiliary power generator will be situated in the northwest quadrant of the property. Generator equipment will include a belly-mounted, integrated 30-gallon fuel tank, battery and charger, and control panel equipment with automatic circuit breakers. The generator will also include automatic transfer switching. In the event of primary power failure, the ATS will sense loss of primary power and automatically start the generator. Specifications for the ATS include a 400A, 120/240V, 60Hz voltage rating. The switch will be installed adjacent to the new control panel and circuit breaker equipment, 6' above-grade and connected to the generator equipment set via underground conduit. The generator package will be set upon a newly constructed, reinforced concrete pad, 8' x 4' x 8," with 4" of the pad below- and 4" above-grade. New electrical panels and controls will be installed on an erected power panel, attached to metal support poles, anchored 4' below-grade. Electrical connections from the generator to/from the control panel and ATS, and subsequent connections to the lift station will be via underground conduit, installed by directional drilling. **SLS No. 7** is the only site where the existing fence will be extended to accommodate the generator placement on the western side of the current fence line.
3. **SLS No. 10:** One (1) 60kW, 240/120v three-phase, diesel-powered auxiliary power generator will be situated in the southwest quadrant of the property. Generator equipment will include a belly-mounted, integrated 35-gallon fuel tank, battery and charger, and control panel equipment with automatic circuit breakers. The generator will also include automatic transfer switching. In the event of primary power failure, the ATS will sense loss of primary power and automatically start the generator. Specifications for the ATS include a 400A, 120/240V, 60Hz voltage rating. The switch will be installed adjacent to the new control panel and circuit breaker equipment, 6' above-grade and connected to the generator equipment set via underground conduit. The generator package will be set upon a newly constructed, reinforced concrete pad, 8' x 4' x 8," with 4" of the pad below- and 4" above-grade. New electrical panels and controls will be installed on an erected power panel, attached to metal support poles, anchored 4' below-grade. Electrical connections from the generator to/from the control panel and ATS, and subsequent connections to the lift station will be via underground conduit, installed by directional drilling.
4. **SLS No. 11:** One (1) 40kW, 240/120v three-phase, diesel-powered auxiliary power generator will be situated on the southern edge of the subject property. Generator equipment will include an integrated 30-gallon fuel tank, battery and charger, and control panel equipment with automatic circuit breakers. The generator will also include automatic transfer switching. In the event of primary power failure, the ATS will sense loss of primary power and automatically start the generator. Specifications for the ATS include a 400A, 120/240V, 60Hz voltage rating. The switch will be installed adjacent to the new control panel and circuit breaker equipment, 6' above-grade and connected to the generator equipment set via underground conduit. The generator package and electrical panels and circuitry will be mounted on a steel frame 2' feet above base flood elevation (BFE). The steel frame will be mounted on steel posts, anchored 4' below current grade. Electrical connections from the control panel and ATS equipment will be made at the terminating panels within the lift station via underground conduit, installed by directional drilling.

All generator equipment at all sites will be placed on concrete pads above surrounding ground elevation with **SLS No. 11** improvements placed at least two feet above BFE. The Subject Properties each contain a sewer lift station that is fenced-in with a locked gate (see **Attachment 1A: Subject Properties' Site Visit Photographs**).

*Proposed location:*

Maxton Sewer Lift Station **No. 5**, 303 N. Hooper Street, Maxton, NC 28364  
Maxton Sewer Lift Station **No. 7**, 904 US 74 BUS, Maxton, NC 28364  
Maxton Sewer Lift Station **No. 10**, 627 NC Highway 71N, Maxton, NC 28364  
Maxton Sewer Lift Station **No. 11**, 2074 NC Highway 71N, Maxton, NC 28364

The proposed sites for construction (Subject Properties) are located at the four addresses listed above, and have individual maps identifying their locations (**Attachment 1**). The Robeson County Tax Map information for each property is in **Attachment 1**. Maxton **SLS No. 5** located at 303 N. Hooper Street, Maxton, NC 28364 is Town-owned, identified as Parcel ID 330601026, and consists of 0.41 acre. Maxton **SLS No. 7** located at 904 US 74 BUS, Maxton, NC 28364 is Town-owned, identified as Parcel ID 33030102001, and consists of 0.33 acre. Maxton **SLS No. 10** located at 627 NC Highway 71N, Maxton, NC 28364 is Town-owned, identified as Parcel ID 11030100143, and consists of 0.47 acre. Maxton **SLS No. 11** located at 2074 NC Highway 71N, Maxton, NC 28364 is County-owned, identified as Parcel ID 110202001, and consists of approximately 1.43 acres.

Three sewer lift stations, **SLS Nos. 5, 7, and 10**, are located in Zone “X” outside of Special Flood Hazard Area (SFHA), as denoted by Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps (FIRMs) in **Appendix 1**. Based on the FEMA FIRM panel 3710838400K, effective on 1/19/2005, **SLS No. 5**, 303 N Hooper Street is located in Zone X. Based on the FEMA FIRM panel 3710839600L, effective on 12/6/2019, and Preliminary FIRM (PFIRM) dated 8/29/2014, **SLS No. 7**, 904 US 74 BUS and **SLS No. 10**, 627 NC Highway 71N are located in Zone X (*PFIRM only shows SLS No. 10*).

Based on the FEMA FIRM panel 3710930700M, effective on 12/6/2019, and PFIRM dated 8/29/2014, **SLS No. 11**, 2074 NC Highway 71N is located in Zone AE. **SLS No. 11** is the only site located within a FEMA designated flood zone (100-year floodplain, SFHA – Zone AE). The four Subject Properties are not located within a FEMA-designated regulatory floodway. According to the National Flood Insurance Program (NFIP) Flood Insurance Manual effective October 1, 2022 and the NFIP Direct Claims and Underwriting Departments, generators located outside of a building are not insurable structures.

### **Applicable Regulatory Procedure Per EO 11988**

The proposed action corresponds with a noncritical action not excluded under 24 CFR §55.12. Funding is permissible for the use in the floodplain if the proposed action is processed under 24 CFR §55.20 and the findings of the determination are affirmative to suggest that the proposed action may proceed.

In accordance with 24 CFR 55, the proposed action involves the purchase, installation and operation of generator packages at the four existing, fenced-in sewer lift stations in Robeson County which is a participating community in good standing in the regular program of the National Flood Insurance Program (NFIP). Substantial Improvement/ Substantial Damage calculations do not apply to this proposed action. However, this proposed action involves “modification” of floodplain. As such, the full eight-step floodplain

determination process in §55.20 is required, and the following analysis examines each step in an EO 11988 floodplain management determination process.

***Step 1. Determine Whether the Proposed Action is Located in the 100-year Floodplain (500-year for Critical Actions).***

According to the FEMA FIRMs, the proposed action at **SLS No. 11** occurs in 100-year floodplain (SFHA - Zone AE) (**Appendix 1**). The proposed action is considered “modification” of floodplain as the activities will involve installation of a generator package, including integrated diesel fuel tanks, ATS, wiring connections, electrical panel, mounting pad, and generator at Maxton **SLS No. 11** in the 100-year floodplain. A Floodplain Development Permit will be obtained for the proposed action.

The proposed action will be completed in accordance with all applicable federal, State, and local laws, regulations, and permit requirements and conditions. All necessary permits will be identified and obtained prior to commencing work and appended to the *Town of Maxton Sewer Lift Station Generators Project EA ERR* when received from the permitting agencies.

***Step 2. Initiate Public Notice for Early Review of Proposal.***

Because the proposed action is located in floodplain, NCORR published an early notice that allowed for public and agency input on the decision to provide funding for construction activities. The early public notice and 15-day comment period is complete. No new, substantive public comments were received.

The early notice and corresponding 15-day public comment period started on June 7, 2023, with the "Early Notice and Public Review of a Proposed Activity in a 100-Year Floodplain" being published in The Robesonian newspaper and the 15-day period expiring on June 22, 2023. The notice targeted local residents within the community, including those in the floodplain. The notice was also posted at <https://www.rebuild.nc.gov/about/plans-policies-reports/environmental-reviews> and sent via Federal Express and email to the following federal and State agencies on June 7, 2023: HUD NC Field Office; Federal Emergency Management Agency (FEMA); U.S. Environmental Protection Agency (EPA); U.S. Fish and Wildlife Service (USFWS); and NC State Environmental Clearinghouse. The notice was also sent to Robeson County and the Town of Maxton. Project information has been sent to the NC State Historic Preservation Office (SHPO) and Catawba Indian Nation for review and comment under Section 106 of the National Historic Preservation Act of 1966 (NHPA). In addition, a notification letter for the proposed project was sent to the Lumbee Tribe of North Carolina Chairman John Lowery. (See **Attachment 11** in the *Town of Maxton Sewer Lift Station Generators Project EA ERR*). (See **Appendix 2** for the early notice distributed to these agencies, the newspaper publication affidavit, distribution list, and comments received).

***Step 3. Identify and Evaluate Practicable Alternatives to Locating the Proposed Action in a 100-year Floodplain.***

The North Carolina Infrastructure Recovery Program empowers the State’s most impacted communities with the technical expertise needed to develop thorough and implementable reconstruction plans to build physically, socially, and economically resilient and sustainable communities.

The main alternative is the “No Action” Alternative for the current proposed action. Since the generators are ancillary structures and must be installed next to the four existing sewer lift stations, there are no additional alternatives other than the “No Action” Alternative for the proposed action. The proposed action must be performed at the existing sewer lift stations, and project designs have been completed in accordance



with agency input to minimize impacts to the floodplain, environment and community. The No Action Alternative is not considered feasible since the Town of Maxton experiences sewage backflows and lack of sewage treatment capacity in the Town's WWTP's service area during storm events. During Hurricane Matthew and its aftermath, the Town's primary power source was lost, causing the Town's sewer lift stations to go offline, creating a threat to public safety resulting from sewage backups to end users served by the offline sewer lift stations. The generators will provide auxiliary power at these four sewer lift stations during power outages, such as those experienced during Hurricane Matthew. These generators are necessary to have correctly functioning sewer lift stations and Town sewer infrastructure to protect the residents and the community from this threat to public safety during and after future storm events. There is no identifiable benefit from not completing the proposed action.

The above-identified alternatives will be re-evaluated in response to public comments received.

***Step 4. Identify and Evaluate Potential Direct and Indirect Impacts Associated with the Occupancy or Modification of 100-year Floodplain and the Potential Direct and Indirect Support of Floodplain Development that Could Result from Proposed Action.***

The focus of floodplain evaluation should be on adverse impacts to lives and property, and on natural and beneficial floodplain values. Natural and beneficial values include consideration of potential for adverse impacts on water resources such as natural moderation of floods, water quality maintenance, and groundwater recharge.

According to the FEMA Report - A Unified National Program for Floodplain Management, the two definitions commonly used in evaluating actions in floodplain are "structural" and "non-structural" activities. Per the report, structural activity is usually intended to mean adjustments that modify the behavior of floodwaters through the use of measures such as public works dams, levees, and channel work. Non-structural is usually intended to include all other adjustments (e.g., regulations, insurance, etc.) in the way society acts when occupying or modifying a floodplain. These definitions are used in describing impacts that may arise in association with potential advancement of this case.

***Natural Moderation of Floods, Water Quality Maintenance, and Groundwater Recharge***

Based on the FEMA FIRM panel 3710930700M, effective on 12/6/2019, and PFIRM dated 8/29/2014, **SLS No. 11**, 2074 NC Highway 71N is located in Zone AE (**Appendix 1**). **SLS No. 11** is the only site located within 100-year floodplain (Zone AE). The four Subject Properties are not located within a FEMA-designated regulatory floodway. The proposed action is considered "modification" of floodplain as the activities will involve installation of a generator package, including integrated diesel fuel tanks, ATS, wiring connections, electrical panel, mounting pad, and generator at Maxton **SLS No. 11** in the 100-year floodplain. The proposed action will result in temporary impacts to 0.03 acres of 100-year floodplain and permanent impacts to 0.002 acres of proposed action. Natural floodplains are beneficial by providing natural moderation of floods, surface water quality maintenance, and groundwater recharge. The proposed action is occurring at regularly maintained, mowed parcels with fenced-in sewer lift stations. Due to the previous, significant site modification including fill and development for the sewer lift station, there will be minimal impacts on the natural and beneficial functions and values of the 100-year floodplain at **SLS No. 11**. The **SLS No. 11** site contains approximately 1.23 acres of 100-year floodplain and project activities will not result in additional fill within the 100-year floodplain. Overall, the functions and values associated with the impacted floodplain are limited due to site conditions (previous site modification, regular site maintenance, fencing) and the small area impacted. Native plants will be used in site restoration. The proposed action will comply with a Floodplain Development Permit and all applicable federal, State and

local laws, regulations, and permit requirements and conditions which shall be obtained before commencing work. As practicable, BMPs for erosion and sedimentation control will be utilized during construction. This will ensure that water quality and the ability to maintain water quality and allow for groundwater recharge are not impacted by the proposed action. Thus, measures will be implemented to ensure the proposed action will have no further impacts to 100-year floodplain during construction.

This proposed action involves installation of generator packages at four existing sewer lift stations. The proposed action must be performed at the existing sewer lift stations, and project designs have been completed in accordance with agency input to minimize impacts to the environment and community. The proposed action is necessary to have fully functioning sewer lift stations to protect the residents and community from the inundation of sewage during and after future storm events. Thus, while the proposed action would directly affect the floodplain, it is not anticipated to have an adverse effect on the floodplain for the surrounding communities or environment.

### ***Living Resources such as Flora and Fauna***

For this proposed action, the USFWS Raleigh Ecological Services' online 10-step project review process was completed. The proposed action was determined to have "no effect" on proposed, threatened, endangered, or candidate species and proposed or designated critical habitat under USFWS jurisdiction, and a "no Eagle Act permit required" determination for the Bald Eagle. NCORR submitted the Self-Certification Letter and online project review certification package to the USFWS Raleigh Field Office (FO) on January 31, 2023. No official comment has been received by USFWS. The Applicant will update this determination annually for multi-year activities.

The Subject Properties are regularly maintained and mowed, fenced-in sewer lift station parcels, and there is no vegetation (other than grass) or tree removal anticipated. The project designs have been completed in accordance with agency input to minimize impacts to the environment and community. The proposed action is not anticipated to introduce nuisance plant species to the Subject Properties such as invasive species, or plants that disrupt native plant communities. Native plants will be used in site restoration. The proposed action will comply with a Floodplain Development Permit and all applicable federal, State and local laws, regulations, and permit requirements and conditions which shall be obtained before commencing work. As practicable, BMPs for erosion and sedimentation control will be utilized during construction. Thus, measures will be implemented to ensure the proposed action will have no further impacts to 100-year floodplain during construction. The proposed action has been determined to have "no effect" on proposed, threatened, endangered, or candidate species and proposed or designated critical habitat. Thus, as designed, the proposed action will have no or minimal impacts to living resources, such as flora and fauna, during installation and operation of the generators.

### ***Impacts to Property and Lives***

The State of North Carolina was adversely impacted by the landfall of Hurricanes Matthew (October 8, 2016) and Florence (September 14, 2018). During the Hurricane Matthew storm event, the Town of Maxton lost primary power for an extended time, which adversely impacted the Town's ability to maintain proper functioning of its sewage treatment facility and peripheral sewer lift stations. The loss of sewage treatment capacity caused an immediate threat to the public health and safety of the Town's residents resulting from sewage backups into buildings served by the offline sewer lift stations. This proposed action will utilize CDBG-MIT funding to install auxiliary power generators at four existing sewer lift stations which move raw sewage from neighborhoods in the Town to the central processing facility, and will mitigate against potential backups and lack of capacity during future storm events.

Following the Hurricane Matthew storm event, Robeson County, on behalf of the Town of Maxton, has procured engineering services to provide design drawings for the purchase of auxiliary power generators of appropriate sizes to alleviate the effects of future primary power loss during future storm events. The Town of Maxton has selected the proposed action to ensure fully functioning sewer lift stations in order to protect the residents and community from the inundation of sewage during and after future storm events. According to the Project Information Form, the proposed project objective is to “provide services to our sewer residents without backups or overflows during power outages from a storm or emergencies.” In the absence of effective waste water treatment, threats to public safety arising from lack of processing capability are of chief concern to the Town and County. Providing this critical infrastructure will ensure that sewage treatment may continue in the event of loss of primary power and alleviate severe threats to public welfare during and after future storm events. Therefore, the proposed action is not anticipated to have adverse impacts to property and lives, but rather aims to provide correctly functioning sewer lift stations and Town sewer infrastructure to protect property and lives in the Town’s WWTP service area during storm events.

### ***Cultural Resources such as Archaeological, Historic and Recreational Aspects***

According to the EJSscreen Reports for a one-mile radius of the Subject Properties, **SLS No. 5** is located in an area with an approximately 90% minority population and 62% low-income population. **SLS No. 7** is located in an area with an approximately 87% minority population and 57% low-income population. **SLS No. 10** is located in an area with an approximately 89% minority population and 60% low-income population. **SLS No. 11** is located in an area with an approximately 93% minority population and 56% low-income population. The socioeconomic indicators show that there is a higher percentage of minority and low-income population in the proposed project area as compared to the State and national averages. According to the NC DEQ Community Map, all of the Subject Properties are located in the NC DEQ Potentially Underserved Block Groups 2019. (*See Town of Maxton Sewer Lift Station Generators Project EA ERR’s Attachment 15.*)

This proposed action is anticipated to consist of generator package installation at existing sewer lift stations, with the work occurring in areas of previous ground disturbance. As part of this review, the NC SHPO, Chief and Tribal Historic Preservation Offices (THPO) of all applicable Tribes, Nations, and Communities were consulted regarding any historic properties of religious and cultural significance in the area that could be affected by the proposed actions. The NC SHPO responded on March 7, 2023 that “[w]e have conducted a review of the project and are aware of no historic resources which would be affected by the project. Therefore, we have no comment on the project as proposed.” According to the HUD Tribal Directory Assessment Tool (TDAT), the Catawba Indian Nation is the only federally-recognized tribes with interests in Robeson County, North Carolina. On January 31, 2023, the Catawba Indian Nation’s 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.” On January 23, 2023, NCORR Director Ms. Laura Hogshead sent a notification letter for the proposed project to the Lumbee Tribe of North Carolina Chairman John Lowery, and no response was received. The SHPO and Catawba Indian Nation Section 106 review and consultation documentation and Lumbee Tribe of North Carolina project notification letter are included in the *Town of Maxton Sewer Lift Station Generators Project EA ERR’s Attachment 11*.

The proposed action will not introduce new development that would generate demand for open space/ recreational resources or impede open space access. The proposed action does not redevelop or change the land use of this area, but rather installs generator packages at four existing fenced-in sewer lift stations. Therefore, the proposed action is not anticipated to have adverse impacts to parks, open spaces or recreational areas.

### ***Agricultural, Aquacultural, and Forestry Resources***

The Subject Properties are sewer lift station sites which are currently fenced with locked gates. The Maxton sewer lift station **No. 5** was built in 1967. Maxton sewer lift stations **Nos. 7, 10, and 11** were built in 1980. **SLS No. 7** is the only site where the existing fence will be extended to accommodate the generator placement on the western side of the current fence line. The Subject Properties have existing sewer lift stations that were built prior to August 4, 1984 and, thus, are exempt from the Farmland Protection Policy Act (FPPA) under 7 CFR 658.2(c)(1)(ii). In addition, this proposed action involves new construction for ancillary generator packages at pre-existing structures and, thus, also considered “Activities Not Subject to Provisions of FPPA” under 7 CFR 658.3(c). According to the USACE, NC DEQ and site visits, there are no wetlands or open water located on the Subject Properties and no associated permits required. The **SLS No. 11** parcel is located approximately 450 feet to the Lumber River and not within a distance where the placement of the generator will have any impact. Therefore, the proposed action is not expected to have an adverse impact on aquacultural resources. The Subject Properties are regularly maintained and mowed, fenced-in sewer lift station parcels, and there is no vegetation (other than grass) or tree removal anticipated. Therefore, the proposed action is not expected to have an adverse impact on forestry resources. Overall, the proposed action is not anticipated to have an effect on agricultural, aquacultural or forestry resources.

### ***Step 5. Where Practicable, Design or Modify the Proposed Action to Minimize the Potential Adverse Impacts to and from the 100-Year Floodplain and to Restore and Preserve its Natural and Beneficial Functions and Values.***

According to the FEMA FIRMs, the proposed action at **SLS No. 11** occurs in 100-year floodplain (SFHA - Zone AE) (**Appendix 1**). The proposed action will result in temporary impacts to 0.03 acres of 100-year floodplain and permanent impacts to 0.002 acres of 100-year floodplain. The proposed action is considered “modification” of floodplain at Maxton **SLS No. 11** as the activities will involve site preparation and installation of the ATS adjacent to the new control panel and circuit breaker equipment, 6 feet above-grade, and connected to the generator equipment set via underground conduit. The generator package and electrical panels and circuitry will be mounted on a steel frame 2 feet above BFE. The steel frame will be mounted on steel posts, anchored 4 feet below current grade. Electrical connections from the control panel and ATS equipment will be made at the terminating panels within the lift station via underground conduit, installed by directional drilling. The proposed action must be performed at the existing sewer lift stations due to the ancillary nature of the generators, and project designs have been completed in accordance with agency input to minimize impacts to the floodplain, environment and community. Native plants will be used in site restoration. As practicable, BMPs for erosion and sedimentation control will be utilized during construction. The proposed action will comply with a Floodplain Development Permit and all applicable federal, State and local laws, regulations, and permit requirements and conditions which shall be obtained before commencing work. Thus, measures will be implemented to ensure the proposed action will have no further impacts to 100-year floodplain during construction.

Floodplains are beneficial by providing natural moderation of floods, surface water quality maintenance, groundwater recharge, diverse wildlife habitat, cultural resources (archaeological, historic, and recreational), and agricultural, aquacultural, and forestry resources. The proposed action will occur at regularly maintained, mowed parcels with fenced-in sewer lift stations. Due to the previous, significant site modification including fill and development for the sewer lift station, there will be minimal impacts on the natural and beneficial functions and values of the 100-year floodplain at **SLS No. 11**. The **SLS No. 11** site contains approximately 1.23 acres of 100-year floodplain and project activities will not result in additional fill within the 100-year floodplain. Overall, the functions and values associated with the impacted floodplain are limited due to site conditions (previous site modification, regular site maintenance, fencing) and the small area impacted.

#### **Step 6. Reevaluate the Alternatives and Proposed Action.**

The proposed action involves the purchase, installation and operation of generator packages at four existing fenced-in sewer lift stations. Since the generators are ancillary structures and must be installed next to the four existing sewer lift stations, there are no additional alternatives other than the “No Action” Alternative for the proposed action. Hurricane Matthew caused widespread power outages in Maxton and throughout Robeson County causing functional failures at all eleven sewer lift stations, which resulted in waste backups throughout the Town’s sewer system due to the lack of auxiliary power availability at the sewer lift stations. The presence of auxiliary power capability at even four of the lift station sites would have offset the harmful effects of primary power loss; however, the Town did not have generators, either fixed or mobile, available for use, until days following the storm. After taking into account the capability of the overall system to transport waste to the main treatment plant, these four sewer lift stations were identified as those necessary for the overall system to function in the event of primary power loss. These four sewer lift stations have been prioritized as those sites requiring auxiliary power sources and automatic switching capability. The generators will provide auxiliary power during power outages, such as those experienced during Hurricane Matthew. The proposed action is necessary to have fully functioning sewer lift stations to protect the residents and community from the inundation of sewage during and after future storm events.

The “No Action” Alternative is not considered feasible since the Town of Maxton experiences sewage backflows and lack of sewage treatment capacity in the Town’s WWTP’s service area during storm events. In the absence of effective waste water treatment, threats to public safety arising from lack of processing capability are of chief concern to the Town and County. Providing this critical infrastructure will ensure that sewage treatment may continue in the event of loss of primary power and alleviate severe threats to public welfare during and after future storm events. There is no identifiable benefit from not completing the proposed action.

Implementation of the proposed action will abide by all applicable federal, State, and local laws, regulations, and permit requirements and conditions. Permits required for this proposed action shall be obtained before commencing work and appended to the *Town of Maxton Sewer Lift Station Generators Project EA ERR* when received from the permitting agencies. The impacts of these alternatives will be re-evaluated in response to any public comments received.

#### **Step 7. Issue Findings and Public Explanation.**

It is the finding of this report that there is no better alternative than to provide funding for the Town of Maxton Sewer Lift Station Generators Project. These four sewer lift stations have been prioritized as those sites requiring auxiliary power sources and automatic switching capability. The generators will provide auxiliary power during power outages, such as those experienced during Hurricane Matthew. The proposed action and site locations have been determined to be the most suitable, feasible options selected by the Town of Maxton to protect its residents and community during future storm events.

A final notice, formally known as “Final Notice and Public Explanation of a Proposed Activity in a 100-Year Floodplain” was published in accordance with 24 CFR 55. However, this notice was combined with the Notice of Finding of No Significant Impact (FONSI) and Notice of Intent to Request Release of Funds (NOI-RROF) for a 15-day comment period. The 15-day comment period started with the combined notice publishing in The Robesonian newspaper on July 1, 2023, and expires on July 17, 2023. The notice was also posted at <https://www.rebuild.nc.gov/about/plans-policies-reports/environmental-reviews> and sent via Federal Express and email to the following State and federal agencies on July 1, 2023: HUD NC Field Office; FEMA; EPA; USFWS; and NC State Environmental Clearinghouse. The notice was also sent to Robeson County and the Town of Maxton. Project information has been sent to the NC SHPO and Catawba

Indian Nation for review and comment under Section 106 of the NHPA. In addition, a notification letter for the proposed project was sent to the Lumbee Tribe of North Carolina Chairman John Lowery (*See Attachment 11 in the Town of Maxton Sewer Lift Station Generators Project EA ERR*). (See **Appendix 3** for the final notice distributed to these agencies, the newspaper publication affidavit [to be added after publication], distribution list, and comments received [to be added after end of comment period].) Any comments received will be addressed, if significant, and added to the EA. If modifications result from public comment, these will be made prior to proceeding with the submission of a request for release of funds.

***Step 8. Implementation and Continuing Responsibility of the Responsible Entity and Recipient.***

NCORR is the responsible entity and will provide educational materials, when available. It is acknowledged there is a continuing responsibility by the responsible entity to ensure, to the extent feasible and necessary, compliance with the Steps herein.

# **APPENDIX 1**

## **MAXTON SEWER LIFT STATION GENERATORS**

### **EARLY NOTICE FLOODPLAIN MAPS**

- **Proposed Project Location Maps, Robeson County Parcel Information, and Design Plans**
- **FEMA FIRMs and PFIRMs with Parcel Boundary**



## **Proposed Project Location Maps, Robeson County Parcel Information, and Design Plans**

Maxton Sewer Lift Station **No. 5**, 303 N. Hooper Street, Maxton, NC 28364,  
Parcel ID 330601026

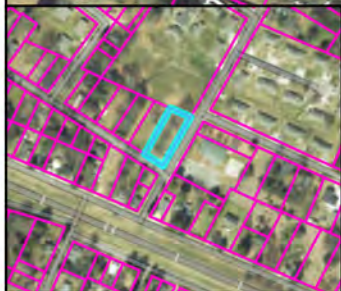
Maxton Sewer Lift Station **No. 7**, 904 US 74 BUS, Maxton, NC 28364,  
Parcel ID 33030102001

Maxton Sewer Lift Station **No. 10**, 627 NC Highway 71N, Maxton, NC 28364,  
Parcel ID 11030100143

Maxton Sewer Lift Station **No. 11**, 2074 NC Highway 71N, Maxton, NC 28364,  
Parcel ID 110202001

**Maxton Sewer Lift Station No. 5**  
**303 N. Hooper Street, Maxton, NC 28364**





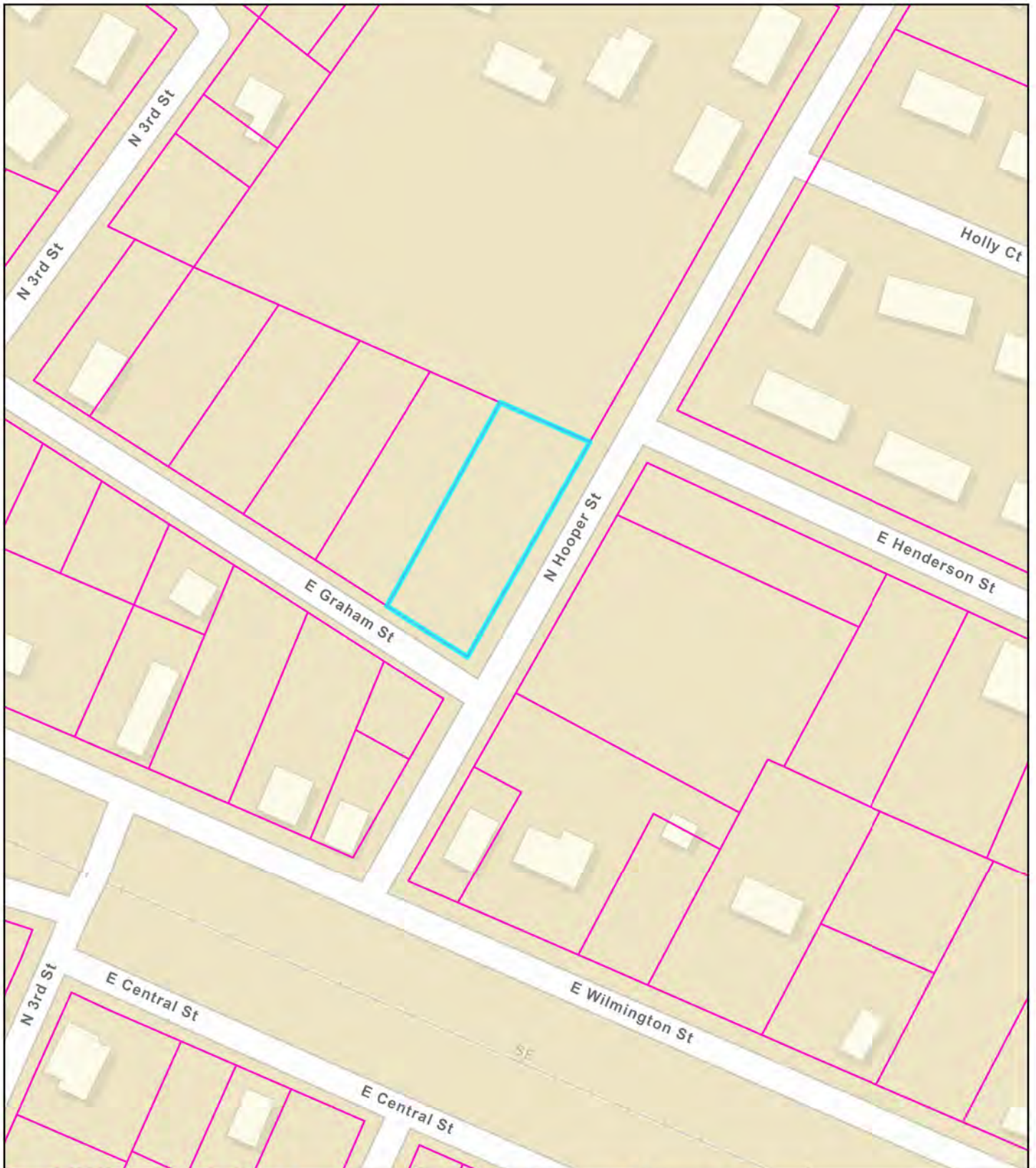
**Maxton Sewer Lift Station Generators**  
**No. 5, 303 N. Hooper Street**  
**Maxton, Robeson County, NC**

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



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Feet





**Maxton Sewer Lift Station Generators**  
**No. 5, 303 N. Hooper Street**  
**Maxton, Robeson County, NC**

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



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**Maxton Sewer Lift Station Generators**  
**No. 5, 303 N. Hooper Street**  
**Maxton, Robeson County, NC**

USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National



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## County of Robeson, NC



MAPNO	330601026
PIN_NUMBER	839579018400
PARCELTYPE	Base Parcel
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OWNERTYPE	null
STATUS	null
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NUMMOD	null
LOT	null
NBHD_CODE	33011
TAX_YEAR	2021
PAR_CODE	
MAP	8395
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BLOCK	79
PARCEL	0184
SUBPARCEL	00
PHYLOCAT	75532
CITYCODE	
ROUTENUM	0
OWNERID	47054003
CUOWNID	47054003

OWNAM1	TOWN OF MAXTON
OWNAM2	
OWNAM3	
OWADR1	P O BOX 99
OWADR2	
OWADR3	
OWADR4	
OWCITY	MAXTON
OWSTATE	NC
OWZIP	283640000
STNUM	0
STSUFFIX	
STDIR	
STNAME	GRAHAM
STTYPE	ST
STDIRSUF	
UNITNO	
DEEDACRE	0.41
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DISTCODE	53
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LEGDESC2	
LEGDESC3	
PARDESC4	
GROUPPAR	839579018400
REQREVIEW	
PHYSTRADR	GRAHAM ST
SCHCODE	0
AREACODE	1
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**SALEINST**  
**DEEDSTMP**

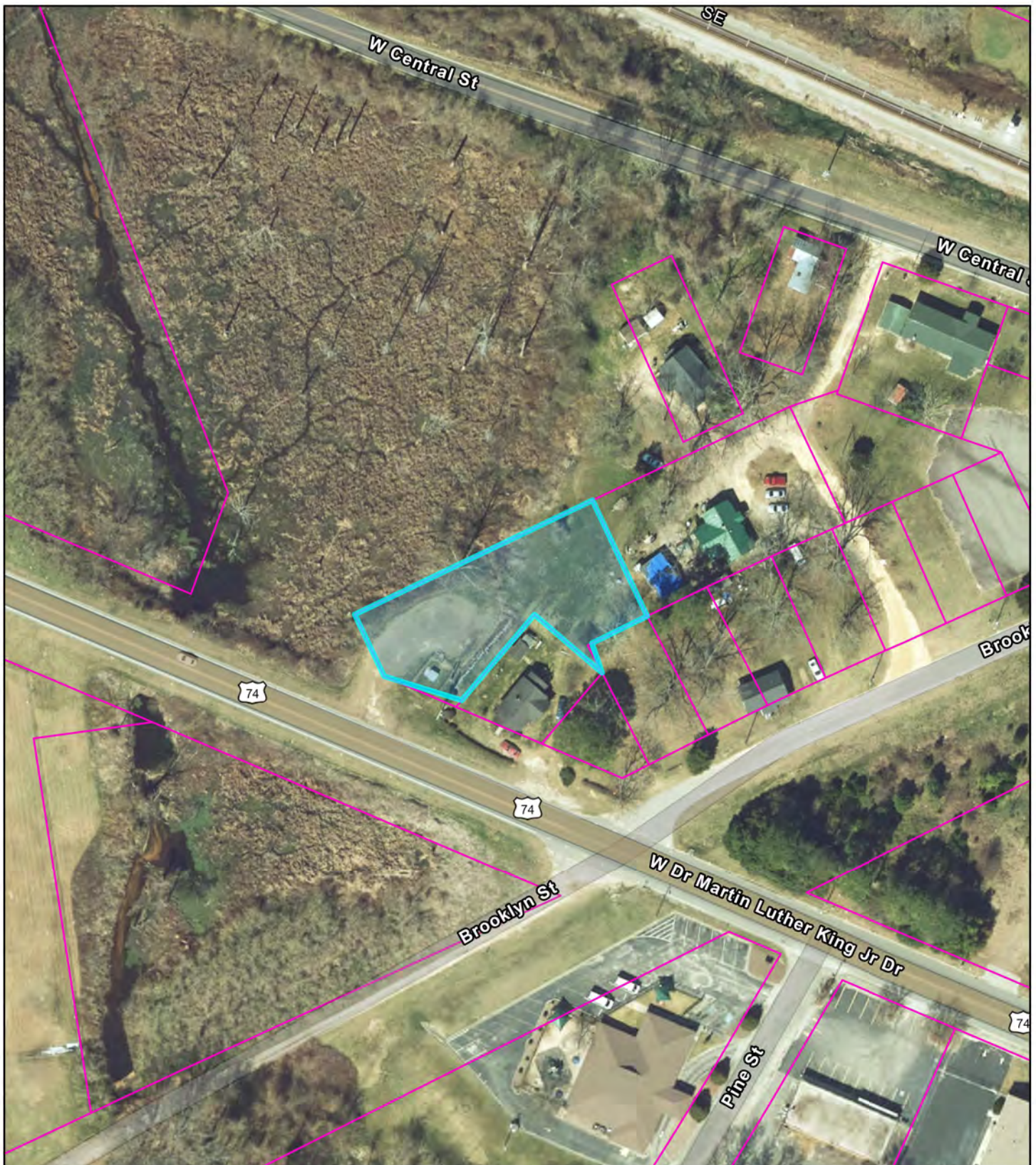
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Land Value Detail (Effective Date January 1, 2010, date of County's most recent General Reappraisal)		
Land Market Value (LMV) \$	Land Present-Use Value (PUV) \$ **	Land Total Assessed Value \$
<b>9,800</b>	<b>9,800</b>	<b>9,800</b>
** Note: If PUV equal LMV then parcel <i>has not</i> qualified for present use program		

**Maxton Sewer Lift Station No. 7**  
**904 US 74 BUS, Maxton, NC 28364**





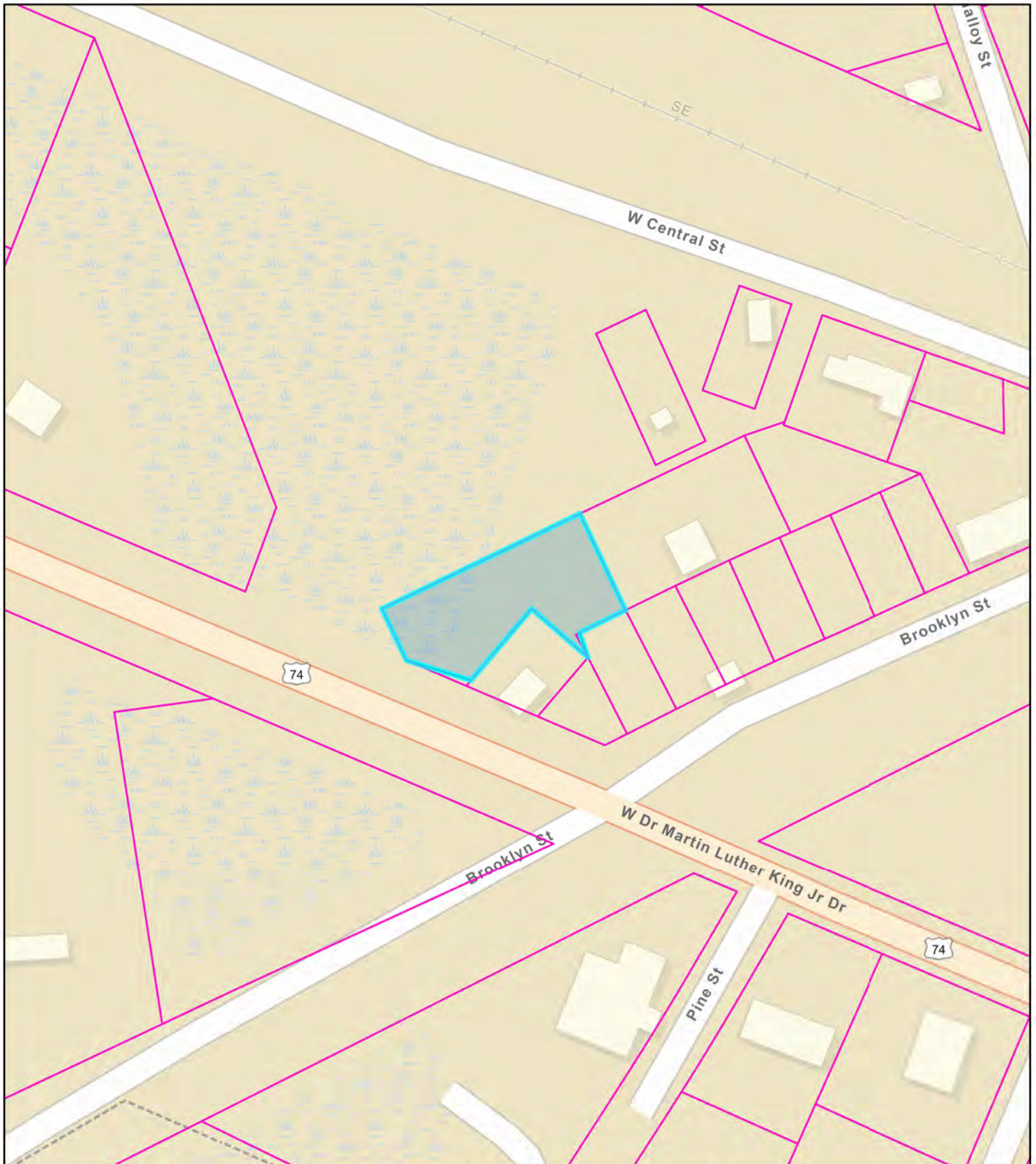
**Maxton Sewer Lift Station Generators**  
**No. 7, 904 US 74 Business**  
**Maxton, Robeson County, NC**

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



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**Maxton Sewer Lift Station Generators**  
**No. 7, 904 US 74 Business**  
**Maxton, Robeson County, NC**

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



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**Maxton Sewer Lift Station Generators**  
**No. 7, 904 US 74 Business**  
**Maxton, Robeson County, NC**

USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National



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# County of Robeson, NC



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PIN_NUMBER	839620138500
PARCELTYPE	Base Parcel
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NUMMOD	null
LOT	null
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TAX_YEAR	2021
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MAP	8396
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BLOCK	20
PARCEL	1385
SUBPARCEL	00
PHYLOCAT	64399
CITYCODE	
ROUTENUM	0
OWNERID	47054004
CUROWNID	47054004

OWNAM1	TOWN OF MAXTON
OWNAM2	
OWNAM3	
OWADR1	P O BOX 99
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OWADR3	
OWADR4	
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OWSTATE	NC
OWZIP	283640000
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PARDESC4	
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IMPASVCUR	400
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**RECTYPE**  
**SALEAMT**  
**SALEINST**  
**DEEDSTMP**

null  
null  
null  
null



Land Value Detail (Effective Date January 1, 2010, date of County's most recent General Reappraisal)		
Land Market Value (LMV) \$	Land Present-Use Value (PUV) \$ **	Land Total Assessed Value \$
<b>3,600</b>	<b>3,600</b>	<b>3,600</b>
** Note: If PUV equal LMV then parcel <i>has not</i> qualified for present use program		

Parcel Sketch:

No Sketch Available

Parcel Photo:

No Photo Available

**Maxton Sewer Lift Station No. 10**  
**627 NC Highway 71N, Maxton, NC 28364**





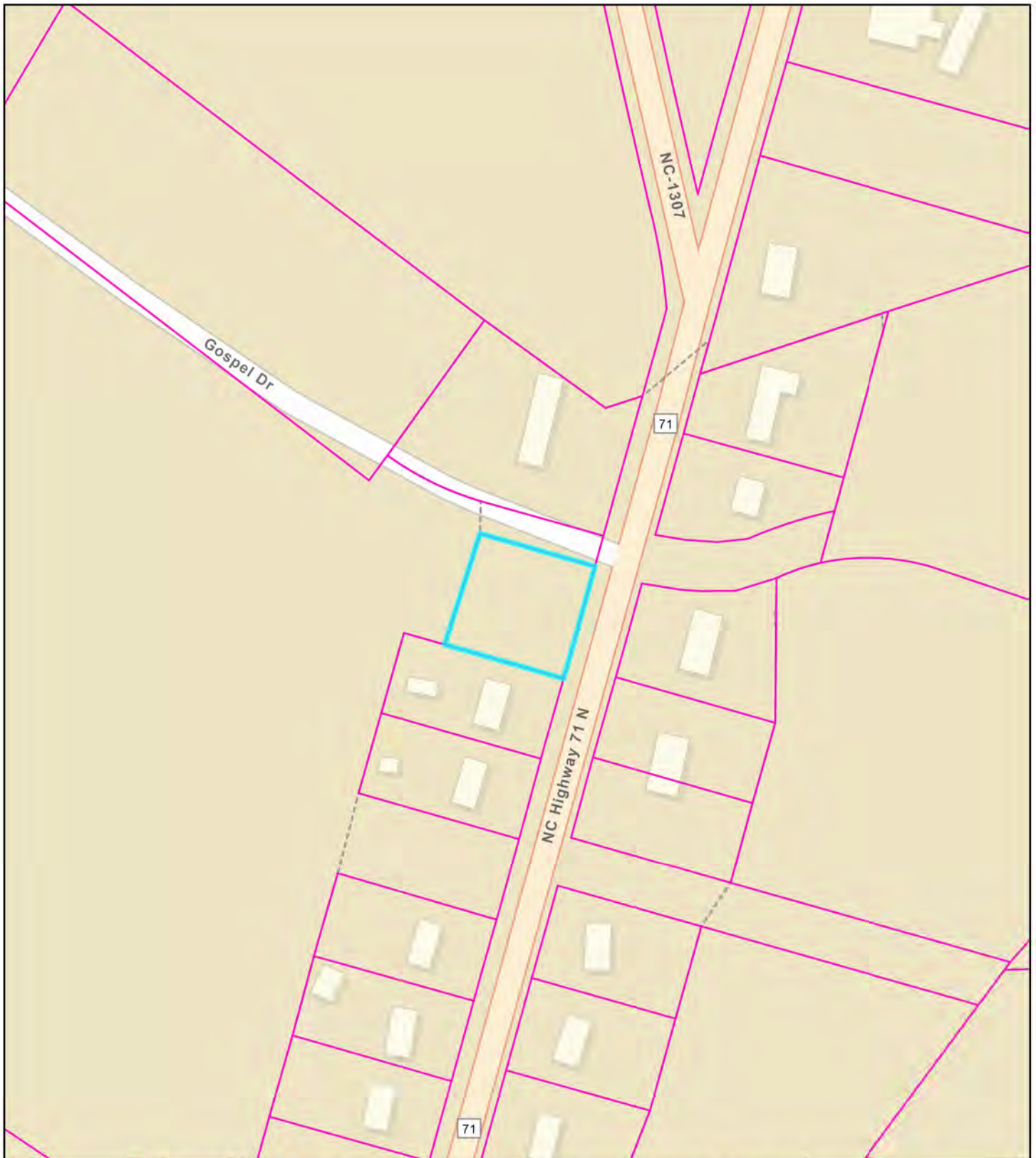
**Maxton Sewer Lift Station Generators**  
**No. 10, 627 NC Highway 71N**  
**Maxton, Robeson County, NC**

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



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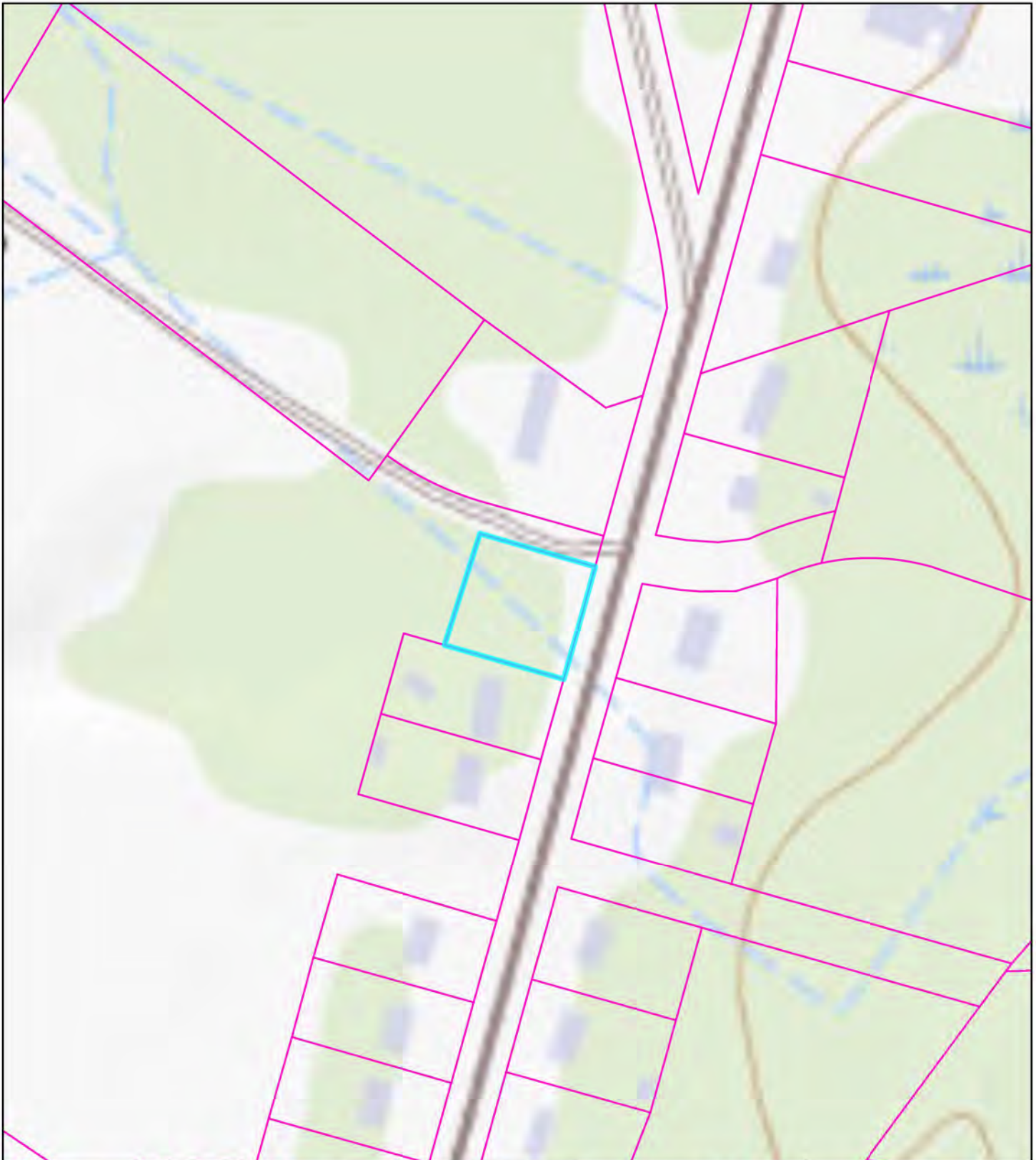


**Maxton Sewer Lift Station Generators**  
**No. 10, 627 NC Highway 71N**  
**Maxton, Robeson County, NC**

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



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**Maxton Sewer Lift Station Generators**  
**No. 10, 627 NC Highway 71N**  
**Maxton, Robeson County, NC**

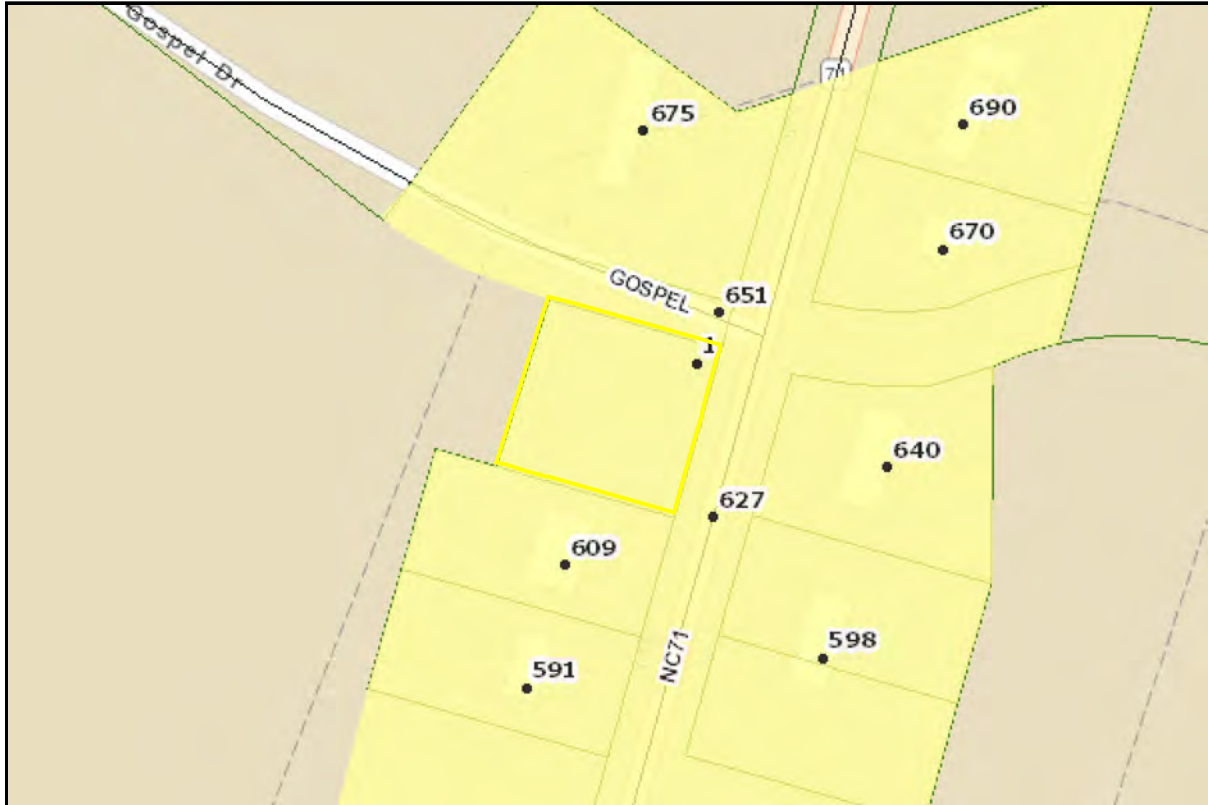
USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National



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Feet



## County of Robeson, NC



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TAX_YEAR	2021
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MAP	8396
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BLOCK	77
PARCEL	7021
SUBPARCEL	00
PHYLOCAT	74137
CITYCODE	
ROUTENUM	0
OWNERID	47054022
CUROWNID	47054022

OWNAM1	TOWN OF MAXTON
OWNAM2	
OWNAM3	
OWADR1	P O BOX 99
OWADR2	
OWADR3	
OWADR4	
OWCITY	MAXTON
OWSTATE	NC
OWZIP	283640000
STNUM	0
STSUFFIX	
STDIR	
STNAME	DEANGELO RD
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STDIRSUF	
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DEEDACRE	0.47
MAPACRE	0.47
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TOWNCODE	11
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PLATPAGE	null
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LEGDESC2	
LEGDESC3	
PARDESC4	
GROUPPAR	839677702100
REQREVIEW	
PHYSTRADR	DEANGELO RD
SCHCODE	0
AREACODE	1
LNDASVCUR	14100
IMPASVCUR	2200
QUALCODE	null

<b>RECTYPE</b>	null
<b>SALEAMT</b>	null
<b>SALEINST</b>	null
<b>DEEDSTMP</b>	null





**\*\* Note: If PUV equal LMV then parcel *has not* qualified for present use program**

Parcel Sketch:

No Sketch Available

Parcel Photo:

No Photo Available

**Maxton Sewer Lift Station No. 11**  
**2074 NC Highway 71N, Maxton, NC 28364**





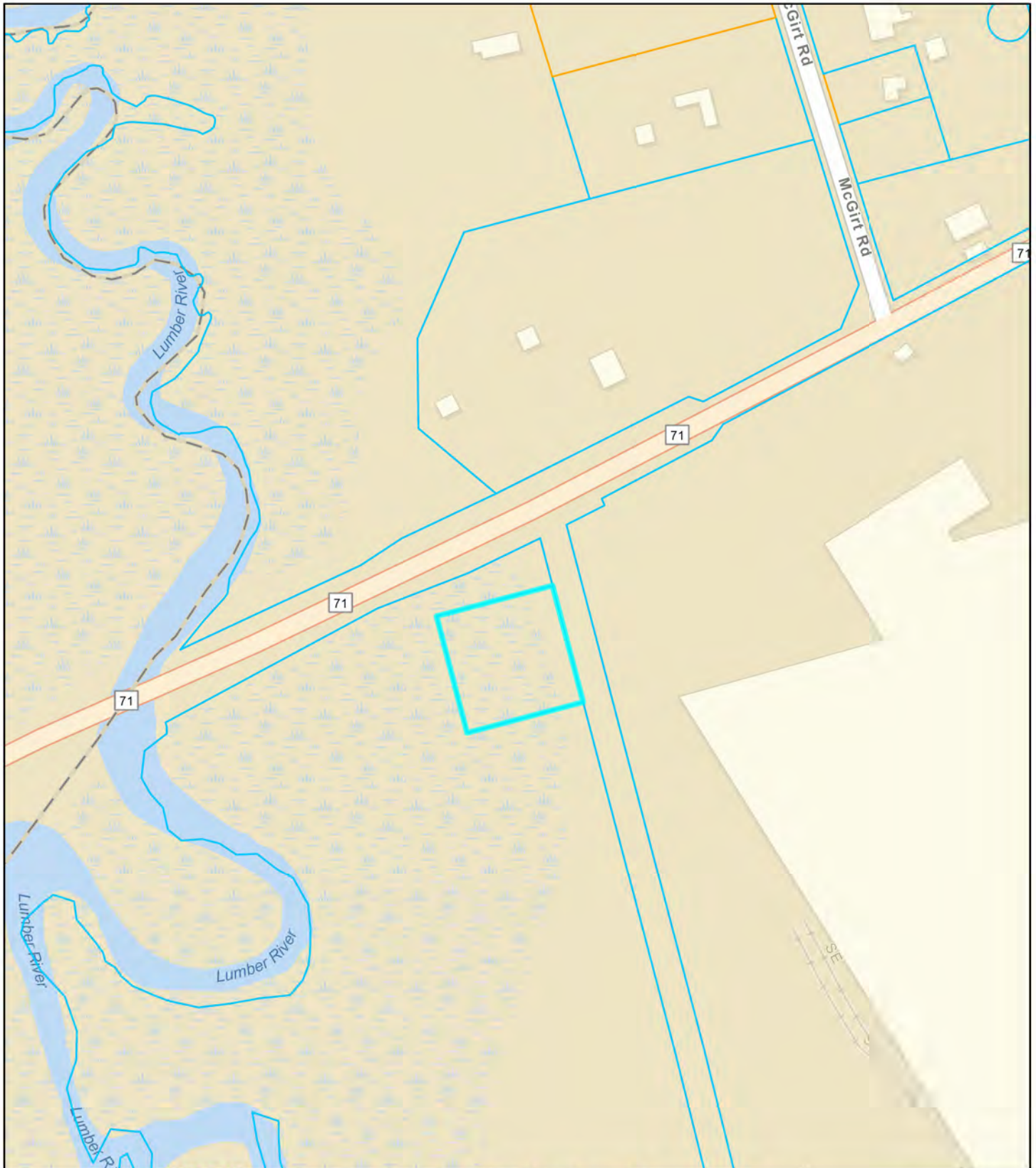
**Maxton Sewer Lift Station Generators**  
**No. 11, 2074 NC Highway 71N**  
**Maxton, Robeson County, NC**

USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National



0 40 80 160  
Feet





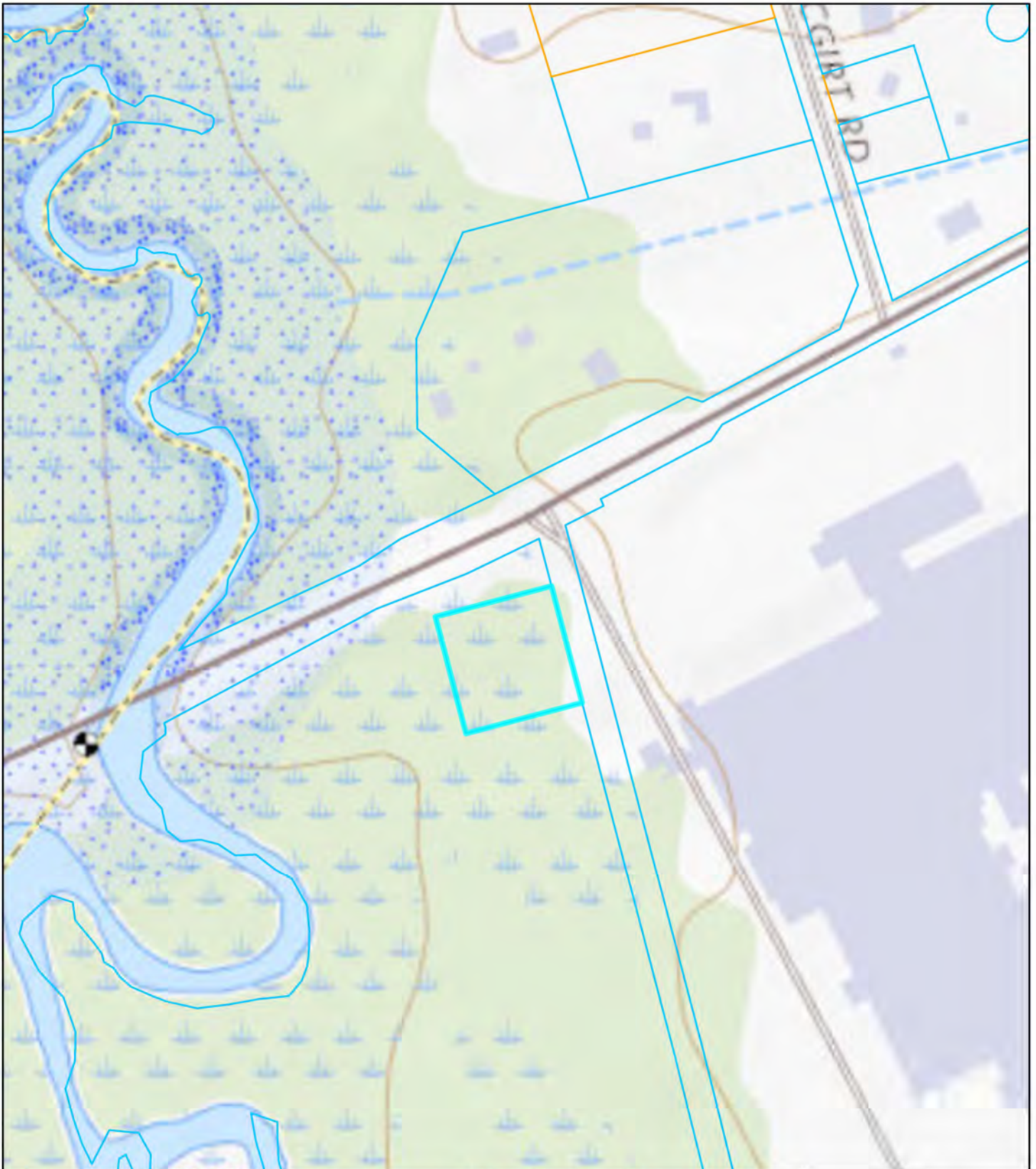
**Maxton Sewer Lift Station Generators**  
**No. 11, 2074 NC Highway 71N**  
**Maxton, Robeson County, NC**

USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National



0 40 80 160  
Feet





**Maxton Sewer Lift Station Generators**  
**No. 11, 2074 NC Highway 71N**  
**Maxton, Robeson County, NC**

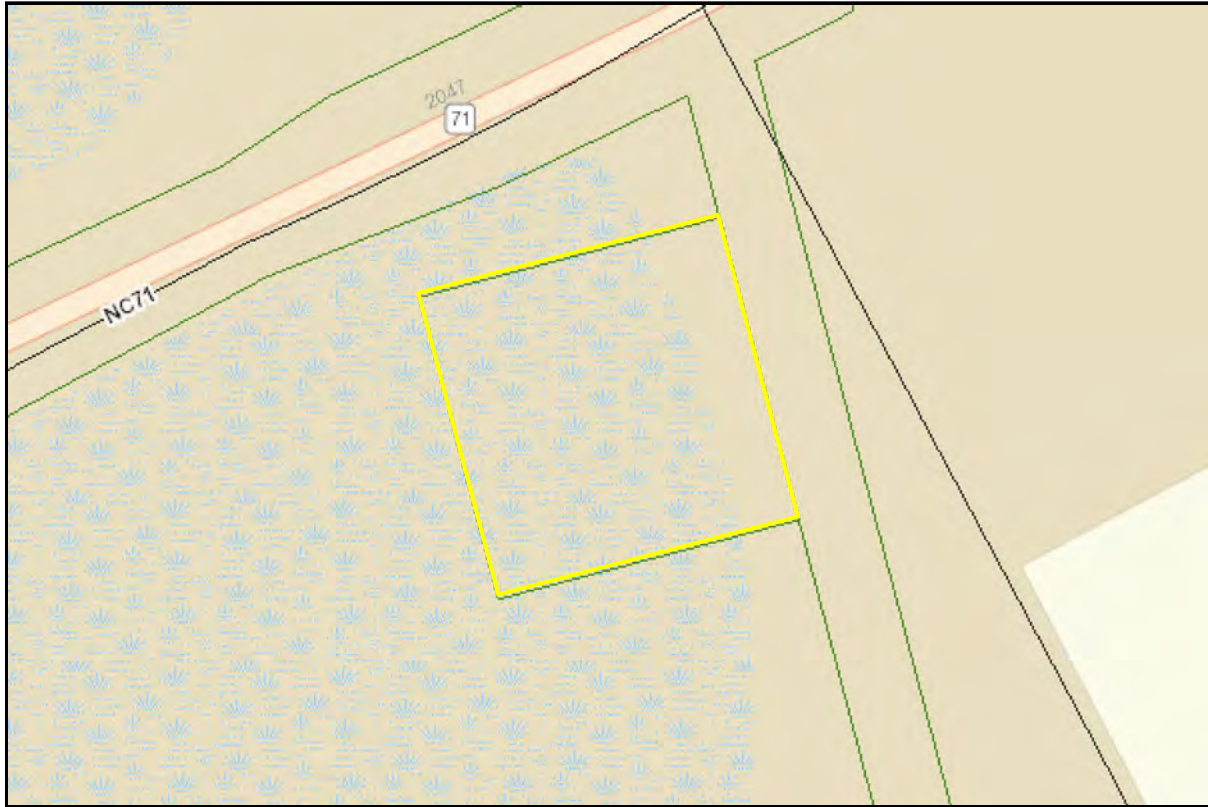
USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National



0 40 80 160  
Feet



## County of Robeson, NC



<b>MAPNO</b>	110202001
<b>PIN_NUMBER</b>	930712159700
<b>PARCELTYPE</b>	Base Parcel
<b>CONFLICTNOTATION</b>	
<b>DEEDEDACRES</b>	1.42999995
<b>OWNERTYPE</b>	null
<b>STATUS</b>	null
<b>OLDMAPNO</b>	1102-02-001
<b>NUMMOD</b>	null
<b>LOT</b>	null
<b>NBHD_CODE</b>	11001
<b>TAX_YEAR</b>	2021
<b>PAR_CODE</b>	
<b>MAP</b>	9307
<b>SUBMAP</b>	
<b>BLOCK</b>	12
<b>PARCEL</b>	1597
<b>SUBPARCEL</b>	00
<b>PHYLOCAT</b>	59913
<b>CITYCODE</b>	
<b>ROUTENUM</b>	0
<b>OWNERID</b>	46904058
<b>CUROWNID</b>	46904058

<b>OWNAM1</b>	COUNTY OF ROBESON
<b>OWNAM2</b>	
<b>OWNAM3</b>	
<b>OWADR1</b>	701 N ELM ST
<b>OWADR2</b>	
<b>OWADR3</b>	
<b>OWADR4</b>	
<b>OWCITY</b>	LUMBERTON
<b>OWSTATE</b>	NC
<b>OWZIP</b>	283580000
<b>STNUM</b>	2074
<b>STSUFFIX</b>	
<b>STDIR</b>	
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<b>STDIRSUF</b>	
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<b>TOWNCODE</b>	11
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<b>PARDESC1</b>	E-12
<b>NBHCLASS</b>	
<b>NBHCODE</b>	11001
<b>EXEMCODE</b>	E12
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<b>DATESOLD</b>	null
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<b>PARDESC4</b>	
<b>GROUPPAR</b>	930712159700
<b>REQREVIEW</b>	
<b>PHYSTRADR</b>	2074 71 HWY
<b>SCHCODE</b>	0
<b>AREACODE</b>	1
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<b>RECTYPE</b>	null
<b>SALEAMT</b>	null
<b>SALEINST</b>	null
<b>DEEDSTMP</b>	null



Land Value Detail (Effective Date January 1, 2010, date of County's most recent General Reappraisal)		
Land Market Value (LMV) \$	Land Present-Use Value (PUV) \$ **	Land Total Assessed Value \$
<b>12,200</b>	<b>12,200</b>	<b>12,200</b>

Parcel Sketch:

No Sketch Available

Parcel Photo:

No Photo Available

**Maxton Sewer Lift Station Generators  
Project Design Plans**



CONSTRUCTION PLANS

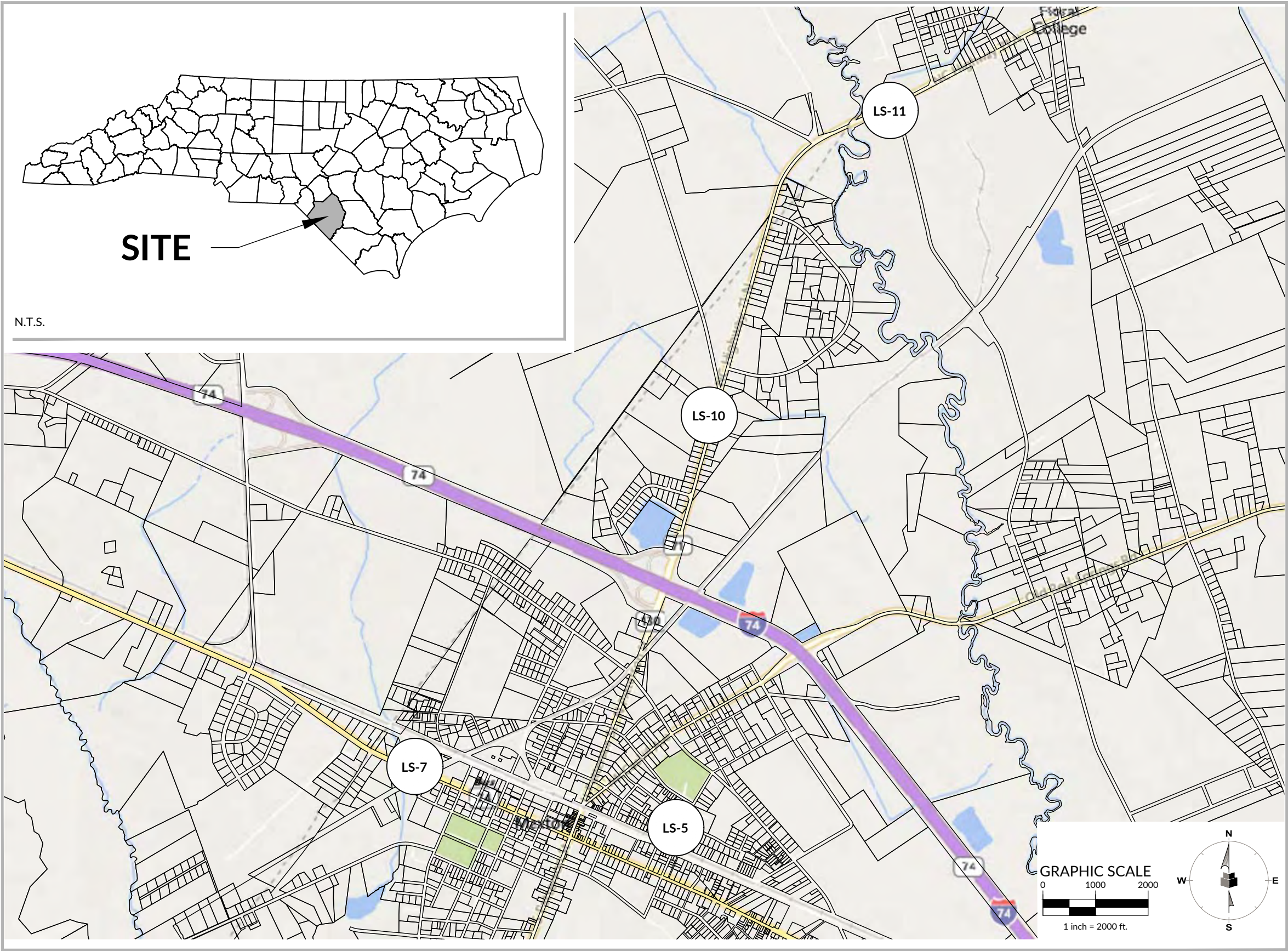
# ROBESON COUNTY

# MAXTON GENERATORS

## CRI-155-0014

MAXTON, NC 28364 | ROBESON

JANUARY 2023

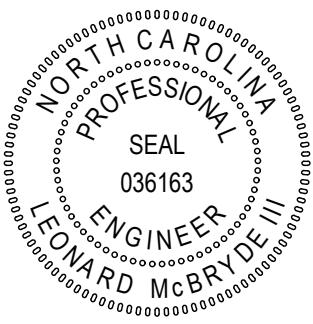
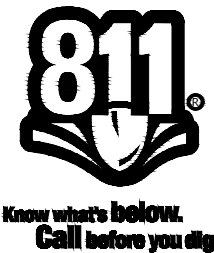


### INDEX OF SHEETS

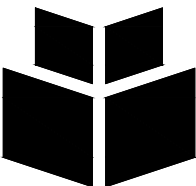
NUMBER	TITLE
--	COVER
G-1.00	GENERAL NOTES AND LEGEND
E-1.00	ELECTRICAL NOTES, DETAILS
E-1.01	ELECTRICAL LS5
E-1.02	ELECTRICAL LS7
E-1.03	ELECTRICAL LS10
E-1.04	ELECTRICAL LS11
C-1.00	EROSION CONTROL DETAILS
C-1.01	STANDARD DETAILS

CONTACT LIST:

WithersRavenel  
219 Station Road, Suite 101  
Wilmington, NC 28403  
910-256-9277



PREPARED BY:



**WithersRavenel**  
219 Station Road | Ste 101 | Wilmington, NC 28405  
License #: F-1479 | t: 910.256.9277 | www.withersravenel.com

OWNER:

**ROBESON COUNTY**  
550 N CHESTNUT ST  
LUMBERTON, NC 29358  
PHONE #: (910) 671-3022  
ATTENTION: KELLIE BLUE

CONSTRUCTION PLANS  
ROBESON COUNTY  
MAXTON GENERATORS  
CRI-155-0014  
WR PROJECT NO.06211005.00  
MUNI PRO NO:-----  
12/05/2022



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GENERAL NOTES:

1. THE WORK SPECIFIED ON THIS SHEET IS CONSIDERED INCIDENTAL AND NECESSARY FOR THE COMPLETION OF THE WORK. THERE WILL BE NO ADDITIONAL OR SEPARATE PAYMENT MADE FOR THE WORK SPECIFIED ON THIS SHEET UNLESS SPECIFICALLY CALLED OUT IN THE BID SCHEDULE AND MEASUREMENT AND PAYMENT SECTION OF THE SPECIFICATIONS.
2. THE CONTRACTOR SHALL HAVE A COMPLETE SET OF CONTRACT DOCUMENTS AS WELL AS ALL PERMIT APPROVALS AND EASEMENTS ON THE JOB SITE AT ALL TIMES.
3. CONSTRUCTION AND MATERIAL SPECIFICATIONS SHALL CONFORM TO THE STATE OF NORTH CAROLINA, TOWN OF MAXTON STANDARD SPECIFICATIONS AND CONSTRUCTION DETAILS, AND THE CONTRACT DOCUMENTS.
4. THE CONTRACTOR SHALL FOLLOW OSHA GUIDELINES REGARDING TRENCHING AND EXCAVATION SAFETY AND SHALL INCORPORATE APPROPRIATE SAFETY MEASURES AS NECESSARY TO MEET COMPLIANCE.
5. ALL SHOP DRAWINGS MUST BE REVIEWED AND APPROVED BY ENGINEER BEFORE EQUIPMENT IS ORDERED.
6. CONTRACTOR IS RESPONSIBLE FOR THE LOCATION OF ALL UNDERGROUND UTILITIES. KNOWN EXISTING UTILITIES HAVE BEEN LOCATED FROM THE INFORMATION AVAILABLE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACCURATELY LOCATE BOTH HORIZONTALLY AND VERTICALLY ALL EXISTING UTILITIES PRIOR TO START OF CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE NC ONE CALL CENTER AT 800.632.4949. ALL COSTS ASSOCIATED WITH ANY DAMAGE TO KNOWN OR UNKNOWN EXISTING UTILITIES RESULTING FROM THE CONTRACTOR'S FAILURE TO ADEQUATELY PROTECT THE EXISTING UTILITIES DURING CONSTRUCTION SHALL BE BORNE SOLELY BY THE CONTRACTOR.
7. CONTRACTOR SHALL MAKE EVERY EFFORT TO SAVE PROPERTY IRONS, MONUMENTS, OTHER PERMANENT POINTS AND LINES OF REFERENCE AND CONSTRUCTION STAKES. A REGISTERED LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE SHALL REPLACE PROPERTY IRONS, MONUMENTS, AND OTHER PERMANENT POINTS OF REFERENCE DESTROYED BY THE CONTRACTOR.
8. CONTRACTOR SHALL CLEAR AND GRUB ALL UTILITY EASEMENTS, AS DIRECTED BY THE OWNER, TO INSTALL NEW UTILITIES. ON ROADWAY RIGHT-OF-WAYS, THE CONTRACTOR SHALL ONLY REMOVE THE TREES MARKED ON THE PLANS AND SHALL MAKE EVERY EFFORT DURING CONSTRUCTION TO PROTECT THE TREES THAT WILL NOT BE REMOVED.
9. THE CONTRACTOR SHALL FURNISH, INSTALL, AND MAINTAIN ALL NECESSARY EROSION CONTROL MEASURES WHETHER OR NOT SHOWN ON THE PLANS TO PROTECT ADJACENT CREEKS, RIVERS, ROADWAYS, ETC. FROM SILTATION AND EROSION.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATION OF EXISTING UTILITIES IF REQUIRED DURING INSTALLATION OF NEW WORK. THERE WILL BE NO ADDITIONAL OR SEPARATE PAY ITEM FOR THIS WORK. UNLESS SPECIFICALLY CALLED OUT IN THE BID FORM. ANY RELOCATION OF EXISTING UTILITIES MUST BE COORDINATED WITH THE AFFECTED UTILITY COMPANY.
11. THE CONTRACTOR SHALL SUPPORT ALL UTILITY POLES AS NECESSARY. THE CONTRACTOR SHALL COORDINATE UTILITY POLE SUPPORT WITH THE APPROPRIATE UTILITY COMPANIES.
12. CONTRACTOR SHALL RESTORE/REPLACE ALL SIGNS, MAILBOXES, ETC. ENCOUNTERED DURING CONSTRUCTION TO ORIGINAL CONDITION.
13. THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO THE EXISTING GRADE UNLESS OTHERWISE NOTED ON THE DRAWINGS.
14. ALL DRIVEWAYS SHALL BE REPAIRED AS SOON AS CONSTRUCTION HAS PASSED. A MINIMUM OF 6" OF C&G SHALL BE USED FOR TEMPORARY REPAIR ON ASPHALT AND CONCRETE DRIVEWAYS UNTIL PERMANENT REPAIR CAN BE COMPLETED AND A MINIMUM OF 6" OF C&G SHALL BE USED AS PERMANENT REPAIR ON GRAVEL DRIVEWAYS.
15. CONTRACTOR SHALL REPLACE WITH NEW ALL DRIVEWAY PIPES AND OTHER DRAINAGE PIPES/CULVERTS THAT ARE DISTURBED WHILE INSTALLING THE UTILITIES. ALL PIPE/CULVERTS SHALL MEET THE REQUIREMENTS OF NCDOT.
16. ALL ROADWAY DITCHES DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITION OR BETTER AND CONFORM TO NCDOT REQUIREMENTS. ALL DITCHES SHALL BE LINED WITH EROSION CONTROL MATTING UNLESS OTHERWISE NOTED.
17. ALL EXCAVATED MATERIAL SHALL BE PLACED WITHIN THE LIMITS OF DISTURBANCE DURING UTILITY INSTALLATION. THE CONTRACTOR SHALL PROVIDE THE NECESSARY SEDIMENT AND EROSION CONTROL MEASURES TO CONTROL RUN-OFF. ALL EXCESS EXCAVATED MATERIAL SHALL BE REMOVED FROM THE CONSTRUCTION SITE AND DISPOSED OF LEGALLY.
18. HORIZONTAL DATUM IS NAD 83.
19. VERTICAL DATUM IS NAVD 88.
20. THE CONTRACTOR SHALL OBTAIN ALL PERMITS NECESSARY FOR CONSTRUCTION.

LEGEND		
(UNLESS OTHERWISE DENOTED)		
DESCRIPTION	EXISTING	PROPOSED
1' CONTOUR INTERVAL		
5' CONTOUR INTERVAL		
PROPERTY LINE		
ROADWAY CENTERLINE		
RIGHT OF WAY LIMITS		N/A
EASEMENT LINE		
CURB & GUTTER		
EDGE OF PAVEMENT		
SANITARY SEWER FACILITIES		
STORM SEWER FACILITIES		
WATERLINE		
FIRE HYDRANT ASSEMBLY		
FORCE MAIN		
ELECTRIC		
OVERHEAD ELECTRIC		
GAS MAIN		
TELEPHONE		
STRUCTURES		
FENCING STRUCTURE		
TELEVISION PEDESTAL		N/A
WATER MANHOLE		N/A
TELEPHONE MANHOLE		N/A
FLARED END SECTION		N/A
SANITARY SEWER MANHOLE		N/A
GAS VALVE		N/A
UTILITY MANHOLE		N/A
ELECTRICAL PEDESTAL		N/A
SIGN		N/A
FIBER OPTIC MARKER		N/A

DESCRIPTION	EXISTING	PROPOSED
WOODS LINE		N/A
WATERWAYS		N/A
TREE PROTECTION FENCE	N/A	
SILT FENCE	N/A	
SPOT ELEVATION		
GUY ANCHOR		N/A
POWER POLE		N/A
LIGHT POLE		N/A
PROPERTY IRON		N/A
CURB INLET		N/A
STORM DRAIN JUNCTION BOX		N/A
YARD INLET		N/A
WATER METER		N/A
CONCRETE MONUMENT		N/A
TELEPHONE PEDESTAL		N/A
MAIL BOX		N/A
WATER VALVE		

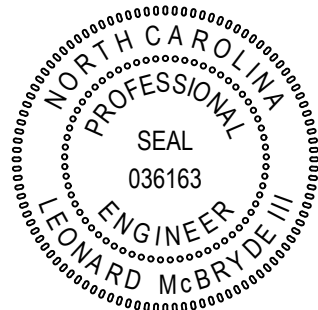
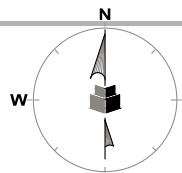
WR Job No. 06211005.00  
DRN: DAC DGN: DAC CKD: LM

DATE 01/25/2023

GENERAL NOTES

G-1.00

INITIAL PLAN DATE: 10/24/2022  
REVISIONS:



CONSTRUCTION PLANS

**ROBESON COUNTY**

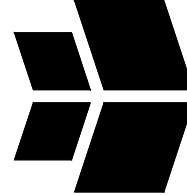
**MAXTON GENERATORS**

**CRI-155-0014**

MAXTON, NC 28364 | ROBESON

**ROBESON COUNTY**

550 NORTH CHESTNUT STREET  
LUMBERTON, NC 27388



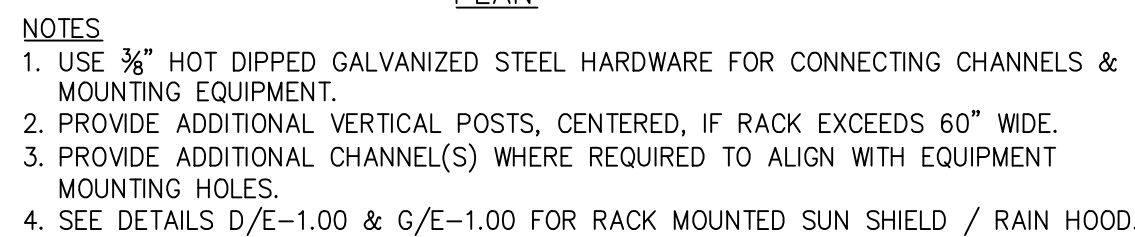
**WithersRavenel**

115 McKean Drive | Cary, NC 27511  
License #: F-1479 | t: 919.469.3340 | www.withersravenel.com



## ABBREVIATIONS

- |        |   |
|--------|---|
| AFG    | ABOVE FINISHED GRADE                          |
| AIC    | AMPS INTERRUPTING CAPABILITY                  |
| ATS    | AUTOMATIC TRANSFER SWITCH                     |
| BKR    | BREAKER                                       |
|        | CONDUIT                                       |
| C/B    | CIRCUIT BREAKER                               |
| CKT    | CIRCUIT                                       |
| DIA    | DIAMETER                                      |
| DISC   | DISCONNECT                                    |
| DWG    | DRAWING                                       |
| EC     | ELECTRICAL CONTRACTOR                         |
| ENCL   | ENCLOSED                                      |
| EXISTG | EXISTING                                      |
| G      | EQUIPMENT GROUND                              |
| GEC    | GROUNDING ELECTRODE CONDUCTOR                 |
| GF     | GROUND FAULT CIRCUIT INTERRUPTER              |
| HP     | HORSEPOWER                                    |
| K      | KILO (THOUSAND)                               |
| MCB    | MAIN CIRCUIT BREAKER                          |
| MFR    | MANUFACTURER                                  |
| MLO    | MAIN LUG ONLY                                 |
| N/A    | NOT APPLICABLE                                |
| NEC    | NATIONAL ELECTRICAL CODE                      |
| NEMA   | NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION |
| NTS    | NOT TO SCALE                                  |
| P      | PHASE OR POLE                                 |
| PCP    | PUMP CONTROL PANEL                            |
| PH     | PHASE   |
| PNL    | PANEL   |
| PVC    | POLYVINYL CHLORIDE                            |
| REC    | RECEPTACLE                                    |
| RECP   | RECEPTACLE                                    |
| REQ    | REQUIRED                                      |
| S.S.   | STAINLESS STEEL                               |
| SYS    | SYSTEM  |
| S/N    | SOLID NEUTRAL                                 |
| TYP    | TYPICAL                                       |
| UL     | UNDERWRITERS LABORATORY                       |
| UNO    | UNLESS NOTED OTHERWISE                        |
| UON    | UNLESS OTHERWISE NOTED                        |
| V      | VOLTS   |
| VA     | VOLT-AMPS                                     |
| W      | WATTS   |
| W      | WIRE  |
| W/     | WITH  |
| WP     | WEATHERPROOF                                  |
| XFMR   | TRANSFORMER                                   |



The diagram shows a rectangular box labeled "DISCONNECT SWITCH" at the top. On the left side, four labels are listed vertically: "EQUIPMENT DESIGNATION", "SOURCE DESIGNATION", "RATING DESIGNATION", and "VOLTAGE & PHASE DESIGNATION". Arrows point from each of these labels to the left side of the box. Inside the box, the following text is displayed: "ENCL C/B: #1", "SOURCE: PANEL\"P\"/CKT #", "RATING: 200 AMPS", and "VOLTAGE: 480/277V,3PH,4W".

NOTES:

1. ENGRAVED PLASTIC FOR NAMEPLATE.
2. HIGH PERFORMANCE, DOUBLE COATED TAPE WITH ADHESIVE TO ATTACH LABELS.  
DESIGN BASIS: 3M #06383 OR APPROVED EQUIVALENT.
3. 3/8" ENGRAVED LETTERS EQUIPMENT NAME DESIGNATION AND 1/4" ENGRAVED LETTERS ON ALL OTHER DESIGNATIONS.

Diagram illustrating the construction details of a sloped sun shield assembly. The assembly consists of a sloped sun shield (hood) and a backplate, both supported by a 4" Ø post.

**Dimensions and Specifications:**

- DEPTH OF DEEPEST PANEL + 30"**: Dimension for the depth of the deepest panel.
- 2"**: Dimension for the offset of the top edge.
- SLOPE TOP TO DRAIN OFF BACK**: Slope of the top edge.
- 1/4" THICK MINIMUM, NON-CORROSIVE, ALUMINUM OR STAINLESS STEEL BACKPLATE**: Material specification for the backplate.
- FABRICATED SUN SHIELD / HOOD, 3/16" THICK MINIMUM, NON-CORROSIVE, ALUMINUM OR STAINLESS STEEL**: Material specification for the sun shield.
- DEPTH OF DEEPEST PANEL**: Dimension for the depth of the deepest panel.
- 60" MIN**: Minimum height dimension.
- 78" MIN**: Minimum height dimension.
- 4" Ø POST**: Diameter of the support post.
- 4" THICK W/FR**: Dimension for the thickness of the wall/floor.

**NOTES:**

- USE 3" HARDY SUN SHIELD
- USE 2" ISOLATION COMPOUND DISMISS ORDER
- DEPTH OF SUNSHIELD LAYOUT

**NOTES:**

1. USE 3/8" STAINLESS STEEL HARDWARE FOR CONNECTING SUN SHIELD.
2. USE NEOPRENE GASKETING TO ISOLATE STAINLESS STEEL COMPONENTS FROM OTHER DISSIMILAR METALS.
3. COORDINATE HEIGHT, WIDTH, & DEPTH REQUIREMENTS OF SUNSHIELD WITH EQUIPMENT LAYOUT REQUIREMENTS.

4"THICK CONCRETE PAD W/ W/F REINFORCEMENT

## MISC. ELECTRICAL SYMBOL LEGEND





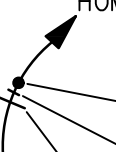

   	<p>EQUIPMENT CONNECTION</p> <p>PANELBOARD, SEE PANEL SCHEDULE</p> <p>GROUND ROD, 3/4" X 10" COPPER CLAD. WHERE TWO RODS ARE INDICATED SPACE A MINIMUM OF 22' APART.</p> <p>WORKING CLEARANCE DEPICTED IN FRONT OF ELECTRICAL EQUIPMENT</p>
 <p>HOMERUN DESIGNATION, #12 CONDUCTORS UNLESS NOTED OTHERWISE.</p> <p>EQUIPMENT GROUND CONDUCTOR</p> <p>PHASE CONDUCTOR</p> <p>NEUTRAL CONDUCTOR</p>	
	<p>LETTER INDICATES ELEVATION OR DETAIL; NUMBER INDICATES PLAN OR SECTION</p> <p>SHEET NUMBER WHERE PLAN, SECTION, ELEVATION OR DETAIL IS DRAWN</p>
<p>LINEWEIGHT</p> <p>_____</p> <p>_____</p> <p>LIGHT LINEWEIGHT DEPICTS EXISTING EQUIPMENT &amp; CIRCUITRY</p> <p>DARK LINEWEIGHT DEPICTS NEW EQUIPMENT &amp; CIRCUITRY</p>	

Diagram illustrating the labeling and dimensions of a panel:

- PANEL DESIGNATION: PANEL: P2
- SOURCE DESIGNATION: SOURCE: PANEL "P1"/CKT #
- RATING DESIGNATION: RATING: 225 AMPS
- VOLTAGE & PHASE DESIGNATION: VOLTAGE: 120/208V,3PH,4W
- HEIGHT AS REQUIRED (TYPICAL)
- LENGTH AS REQUIRED (TYPICAL)

ATS:	#1	←	AUTOMATIC TRANSFER SWITCH DESIGNATION
NORMAL SOURCE:	PANEL "4M"/CKT #	←	NORMAL SOURCE DESIGNATION
STANDBY SOURCE:	GENSET C/B 225A	←	STANDBY SOURCE DESIGNATION
RATING:	260A	←	RATING DESIGNATION
VOLTAGE:	480/277V, 3PH, 4W	←	VOLTAGE & PHASE DESIGNATION

- AUTOMATIC TRANSFER SWITCH DESIGNATION
- NORMAL SOURCE DESIGNATION
- STANDBY SOURCE DESIGNATION
- RATING DESIGNATION
- VOLTAGE & PHASE DESIGNATION



The drawing consists of two views: a Plan view (top) and a Section view (bottom).

**Plan View:** Shows a rectangular pad with a grid of reinforcement. Dimensions include:
 

- Overall width: 2' LONGER THAN GENERATOR PAD
- Overall length: 1'-0" LONGER THAN EQUIPMENT DIMENSION
- Reinforcement spacing: 1'-0" LONGER THAN EQUIPMENT DIMENSION (vertical)
- A rectangular cutout on the right side.
- Label: PLAN

**Section View:** Shows the cross-section of the pad.
 

- Top layer: 3000 PSI CONCRETE
- Reinforcement: #4 @ 12" O.C. EACH WAY, TOP & BOTTOM
- Clearance: 2" CLEAR
- Height: 12" MINIMUM
- Position: 6" ABOVE GRADE ON THE HIGH GRADE SIDE
- Ground level: GRADE
- Bottom layer: COMPACTED
- Labels: SECTION

**Notes:**

- CONTRACTOR TO COORDINATE CONDUIT ENTRIES WITH GENERATOR MANUFACTURER.
- EDGE OF STONE

**Scale:** 1/2" = 1'-0"

**Digitally signed by Mark A. C...**  
 Date: 2023.11.36:14:0...

**NOTES:**

1. PROVIDE ANCHOR BOLTS FOR GENERATOR & ENCLOSURE PER MANUFACTURER'S REQUIREMENTS
2. BASE PAD SIZE ON ACTUAL EQUIPMENT SUPPLIED. PAD SHOULD EXTEND 6" PAST EQUIPMENT EXTERIOR IN EACH DIRECTION.

Diagram illustrating the connection of a branch circuit conduit to a device box. The diagram shows the internal wiring and components:

- DEVICE BOX
- BRANCH CIRCUIT CONDUIT
- BOX DEVICE COVER WITH RAISED RING OF PROPER DEPTH AND TYPE FOR WALL CONSTRUCTION; RING TO FINISH FLUSH WITH WALL.
- MAKE CIRCUIT JOINT WITH TWIST-ON CONNECTOR AND CONNECT TO DEVICE WITH SINGLE CONDUCTOR
- DEVICES TRIM PLATE
- #12 AWG SOLID COPPER GREEN INSULATED JUMPER TO DEVICE GROUNDING SCREW
- #12 AWG SOLID COPPER GREEN INSULATED JUMPER TO BOX BONDING SCREW.



**ROBESON COUNTY**  
550 NORTH CHESTNUT STREET  
LUMBERTON, NC 29358

CONSTRUCTION PLANS  
ROBESON COUNTY  
MAXTON GENERATORS  
CRI-155-0014

MAXTON NC 28364 | ROBESON



INITIAL PLAN DATE: 10/24/2022  
REVISIONS:

WR Job No.	DATE
06211005.00	01/20/2022
DRN: JEG	DGN: JEG CKD: MAC

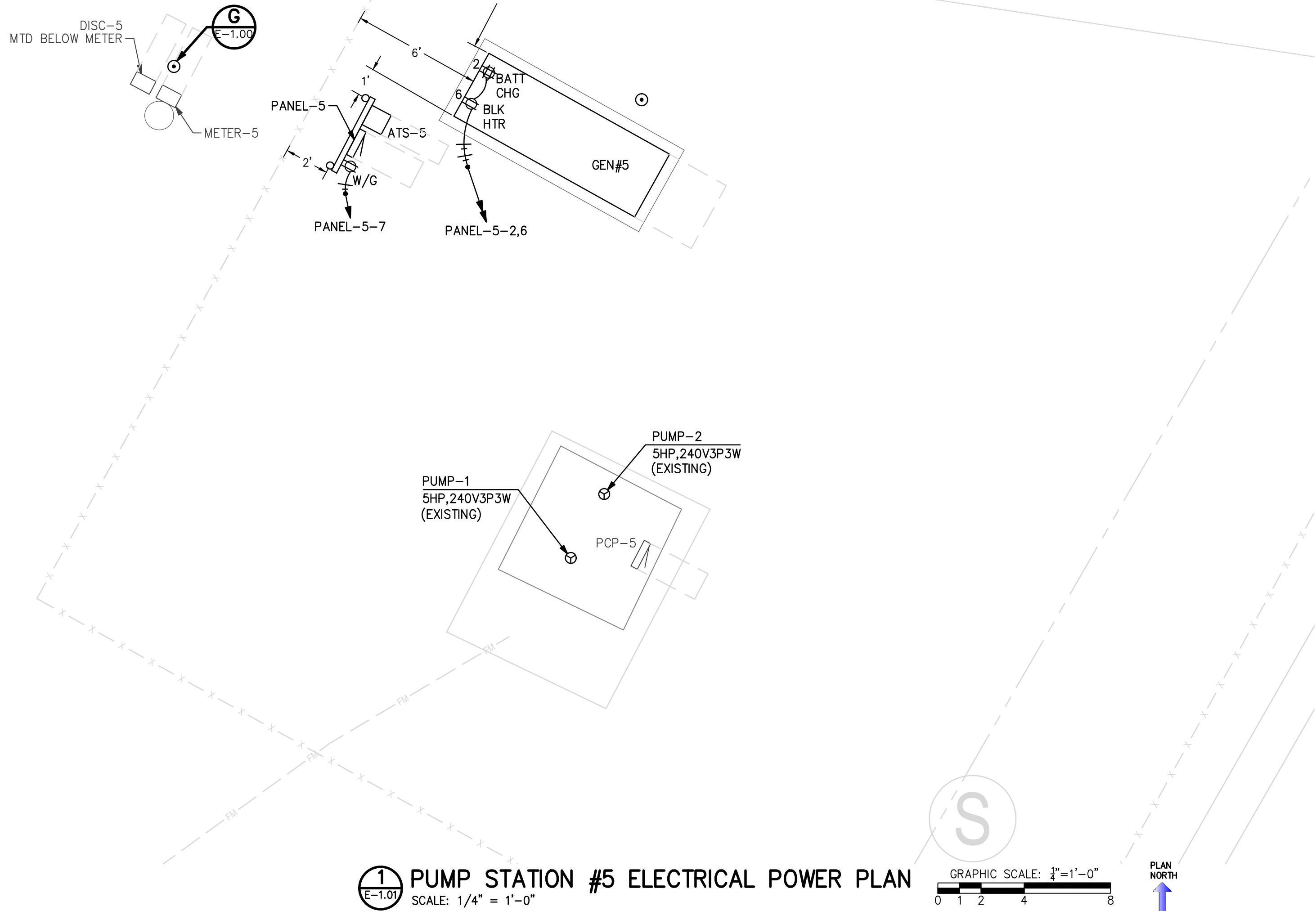
## ELECTRICAL NOTES, DETAILS

E-1.00

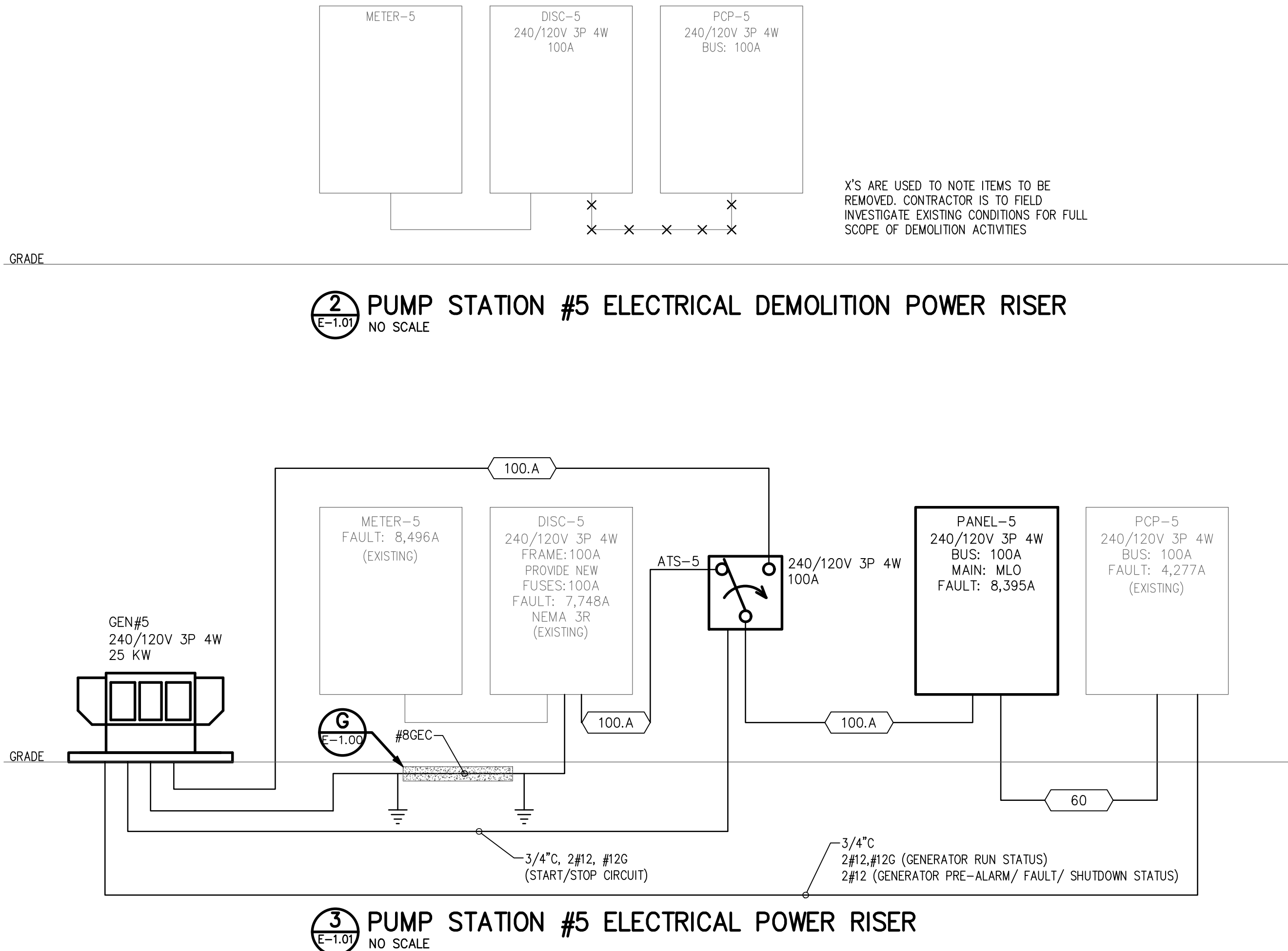
our people • your success



PANEL-5											
ROOM:			VOLTS: 240/120V 3P 4W			AIC: 10,000					
MOUNTING: SURFACE			BUS AMPS: 100			MAIN BKR: MLO					
FED FROM: ATS-5			NEUTRAL: 100%			LUGS: STANDARD					
NOTE: NEMA 3R											
CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA			CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA		
			A	B	C				A	B	C
1	100/3	PANEL PCP-5	4.21			2	20/1	REC-BATTERY CHARGER	1		
3				4.21		4	-/1	SPACE		0	
5					4.21	6	20/1	REC-BLOCK HEATER			1.5
7	20/1	SPACE REC-EXT GFCI	0.18			8	20/1	SPARE	0		
9	-/1	SPACE		0		10	-/1	SPACE		0	
11	20/1	SPACE			0	12	20/1	SPACE			0
13	-/3	SPACE	0			14	-/3	SPACE	0		
15				0		16				0	
17					0	18					0
						TOTAL CONNECTED KVA BY PHASE			5.39	4.21	5.71
						TOTAL CONNECTED AMPS BY PHASE			40.2	30.4	42.9



FEEDER SCHEDULE			
ID	FEEDER AMPS	CONDUIT AND FEEDER	FEEDING THESE DEVICES
60	60	1" C, 3#6, #6N, #8G	PCP-5
100.A	100	1-1/4" C, 3#1/0, #2N, #8G	ATS-5, ATS-5, PANEL-5, PCP-7
125	125	1-1/2" C, 3#1/0, #1/0N, #6G	PCP-11
125J	125	1-1/2" C, 3#1/0, #1/0N, #6G	PCP-10
150	150	1-1/2" C, 3#1/0, #1/0N, #6G	ATS-7, ATS-7, ATS-11, ATS-11, DISC-7, DISC-11, PANEL-7, PANEL-11
225	225	2-1/2" C, 3#4/0, #4/0N, #4G	ATS-10, ATS-10, DISC-10, PANEL-10
SIZING METHOD: COPPER, 60°C #12 THROUGH #1, 75°C #1/0 AND ABOVE			



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JOB # 22039

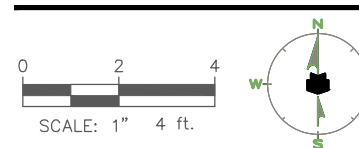
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550 NORTH CHESTNUT STREET  
LUMBERTON, NC 29558

CONSTRUCTION PLANS  
ROBESON COUNTY  
MAXTON GENERATORS  
CRI-155-0014  
MAXTON, NC 28364 | ROBESON



INITIAL PLAN DATE: 10/24/2022  
REVISIONS:

WR Job No. 06211005.00 DATE 01/20/2022  
DRN: JEG DGN: JEG CKD: MAC

ELECTRICAL  
LS5

E-1.01

PANEL-7

ROOM: MOUNTING: SURFACE FED FROM: ATS-7 NOTE: NEMA 3R			VOLTS: 240/120V 3P 4W BUS AMPS: 150 NEUTRAL: 100%			AIC: 10,000 MAIN BKR: MLO LUGS: STANDARD					
CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA			CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA		
			A	B	C				A	B	C
1	100/3	PANEL PCP-7	6.1			2	20/1	REC-BATTERY CHARGER	1		
3				6.1		4	-/1	SPACE		0	
5					6.1	6	20/1	REC-BLOCK HEATER			1.5
7	20/1	REC-EXT GFCI	0.18			8	20/1	SPARE	0		
9	-/1	SPACE		0		10	-/1	SPACE		0	
11	20/1	SPARE			0	12	20/1	SPARE			0
13	-/3	SPACE	0			14	-/3	SPACE	0		
15				0		16				0	
17					0	18					0
19	-/3	SPACE	0			20	-/3	SPACE	0		
21				0		22				0	
23					0	24					0
25	-/3	SPACE	0			26	-/3	SPACE	0		
27				0		28				0	
29					0	30					0
						TOTAL CONNECTED KVA BY PHASE			7.28	6.1	7.6
						TOTAL CONNECTED AMPS BY PHASE			53.8	44	56.5
			CONN KVA	CALC KVA					CONN KVA	CALC KVA	
LARGEST MOTOR			9.15	2.29	(25%)	RECEPTACLES			0.18	0.18	(50%>10)
MOTORS			18.3	18.3	(100%)	NONCONTINUOUS			2.5	2.5	(100%)
						TOTAL LOAD			23.3		
						BALANCED 3-PHASE LOAD			55.9 A		



PANEL-10

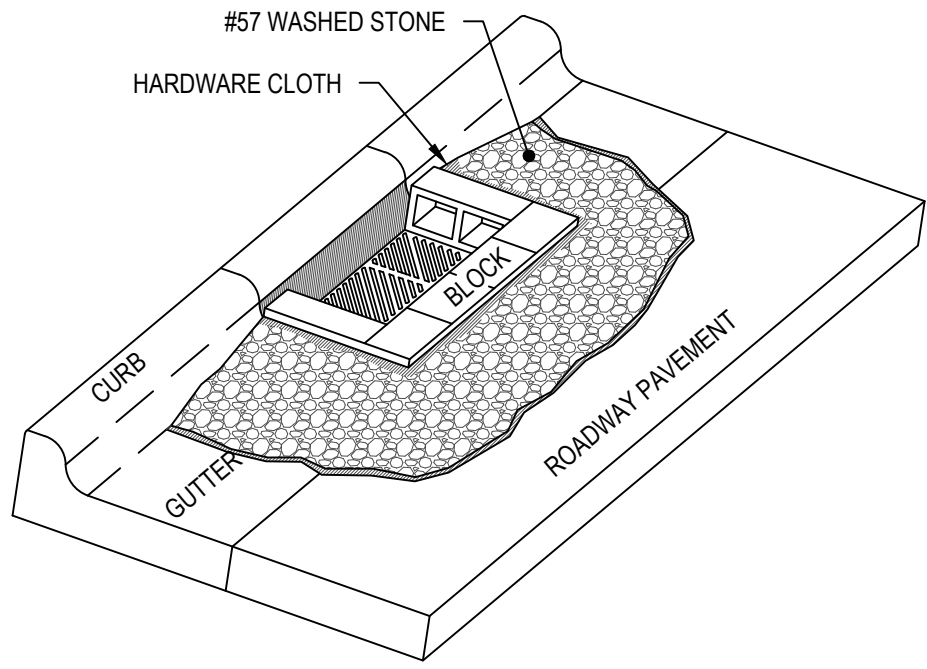
ROOM:			VOLTS: 240/120V 3P 4W			AIC: 10,000					
MOUNTING: SURFACE			BUS AMPS: 225			MAIN BKR: 225					
FED FROM: ATS-10			NEUTRAL: 100%			LUGS: STANDARD					
NOTE: NEMA 3R											
CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA			CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA		
			A	B	C				A	B	C
1	20/3	PUMP-1	5.82			2	100/3	PUMP-2	5.82		
3				5.82		4				5.82	
5					5.82	6					5.82
7	20/1	REC-EXT GFCI	0.18			8	20/1	REC-BATTERY CHARGER	1		
9	-/1	SPACE		0		10	-/1	SPACE		0	
11	20/1	SPARE			0	12	20/1	REC-BLOCK HEATER			1.5
13	-/3	SPACE				14	-/3	SPACE	0		
15			0	0		16				0	
17					0	18					0
19	-/3	SPACE	0			20	-/3	SPACE	0		
21				0		22				0	
23					0	24					0
25	-/3	SPACE	0			26	-/3	SPACE	0		
27				0		28				0	
29					0	30					0
						TOTAL CONNECTED KVA BY PHASE			12.8	11.6	13.1
						TOTAL CONNECTED AMPS BY PHASE			93.8	84	96.5



PANEL-11

ROOM:			VOLTS: 240/120V 3P 4W			AIC: 10,000					
MOUNTING: SURFACE			BUS AMPS: 150			MAIN BKR: MLO					
FED FROM: ATS-11			NEUTRAL: 100%			LUGS: STANDARD					
NOTE: NEMA 3R											
CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA			CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA		
			A	B	C				A	B	C
1	125/3	PANEL PCP-11	7.76			2	20/1	REC-BATTERY CHARGER	1		
3				7.76		4	-/1	SPACE		0	
5					7.76	6	20/1	REC-BLOCK HEATER			1.5
7	20/1	REC-EXT GFCI	0.18			8	20/1	SPARE	0		
9	-/1	SPACE		0		10	-/1	SPACE		0	
11	20/1	SPARE			0	12	20/1	SPARE	0		0
13	-/3	SPACE	0			14	-/3	SPACE	0		
15				0		16				0	
17					0	18					0
19	-/3	SPACE	0			20	-/3	SPACE	0		
21				0		22				0	
23					0	24					0
25	-/3	SPACE	0			26	-/3	SPACE	0		
27				0		28				0	
29					0	30					0
						TOTAL CONNECTED KVA BY PHASE			8.94	7.76	9.26
						TOTAL CONNECTED AMPS BY PHASE			65.8	56	68.5





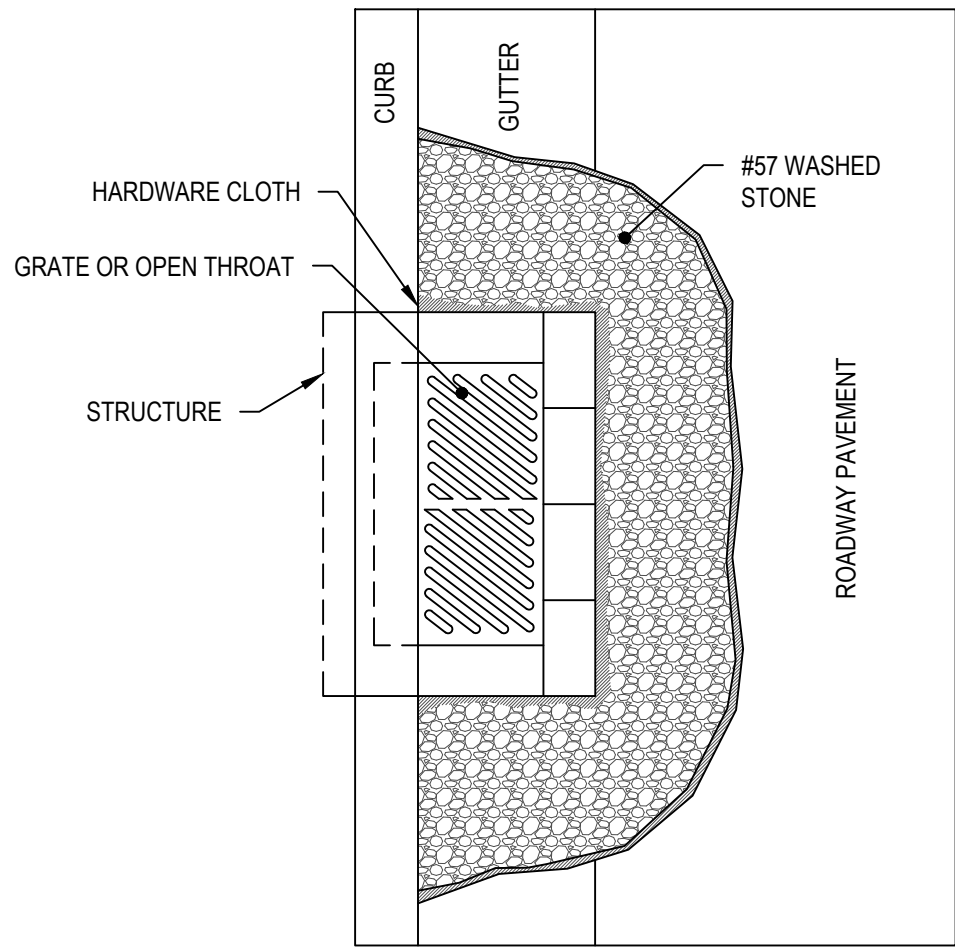
PERSPECTIVE VIEW

NOTES

- LAY ONE BLOCK ON EACH SIDE OF THE STRUCTURE ON ITS SIDE IN THE BOTTOM ROW TO ALLOW POOL DRAINAGE. PLACE BOTTOM ROW OF BLOCKS AGAINST THE EDGE OF THE CURB FOR LATERAL SUPPORT AND TO AVOID WASHOUTS WHEN OVERFLOW OCCURS. IF NEEDED, GIVE LATERAL SUPPORT TO THE SUBSEQUENT ROWS OF BLOCKS BY PLACING 2x4 WOOD STUDS THROUGH BLOCK OPENINGS.
- CAREFULLY FIT HARDWARE CLOTH OR COMPARABLE WIRE MESH WITH 1/2" OPENINGS OVER ALL BLOCK OPENINGS TO HOLD GRAVEL IN PLACE.
- USE #57 WASHED STONE PLACED 2" BELOW THE TOP OF THE BLOCK ON A 2:1 SLOPE OR FLATTER AND SMOOTH IT INTO AN EVEN GRADE.

BLOCK AND GRAVEL INLET PROTECTION (TEMPORARY)

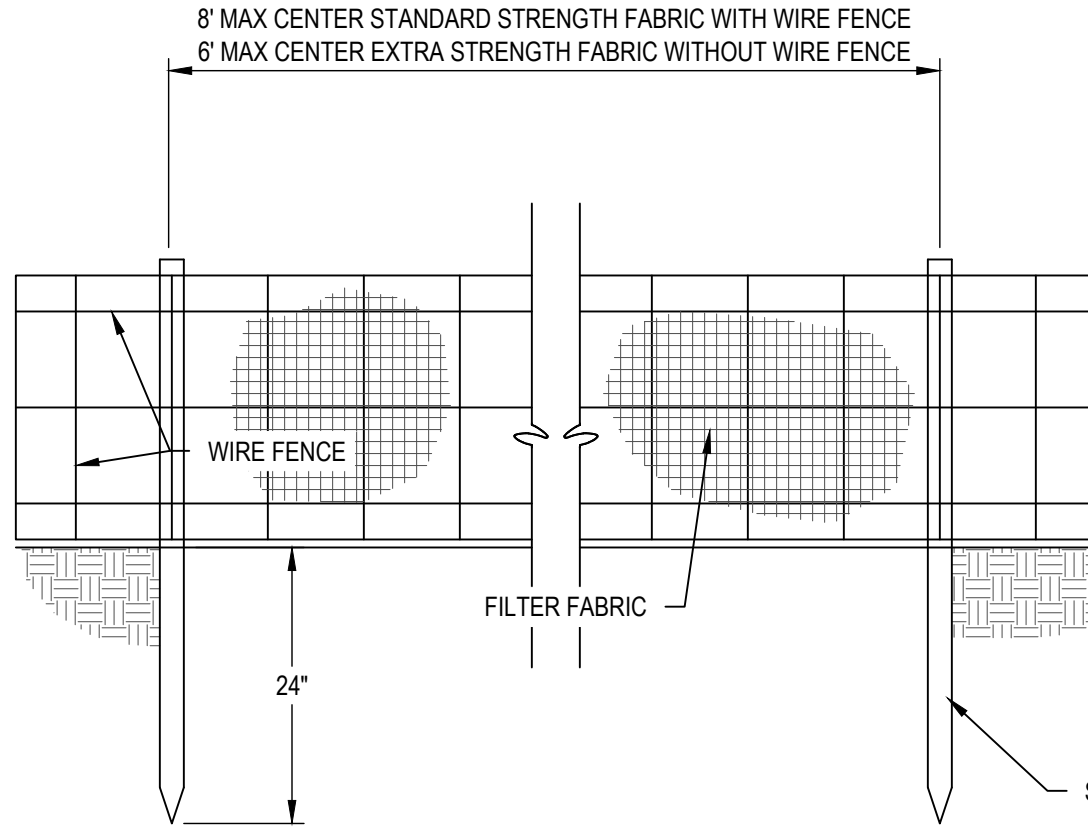
NOT TO SCALE



PLAN VIEW

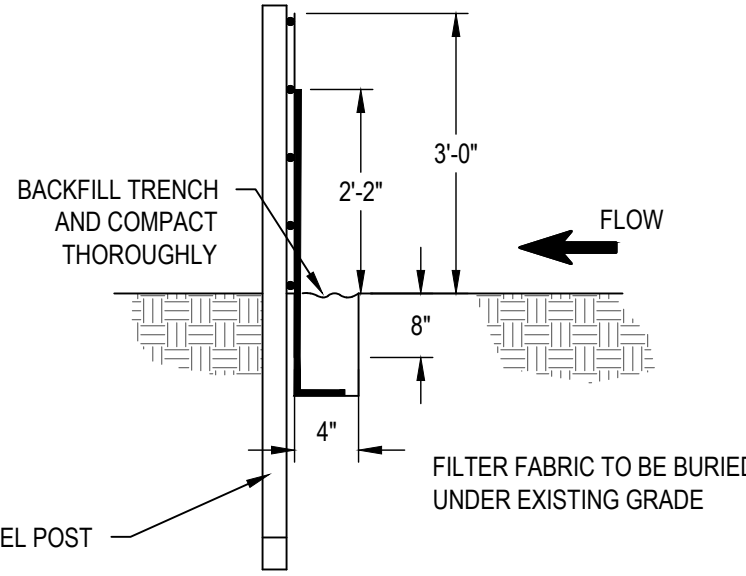
MAINTENANCE NOTE:

INSPECT THE BARRIER AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT (1/2 INCH OR GREATER) RAINFALL AND MAKE REPAIRS AS NEEDED. REMOVE SEDIMENT AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR SUBSEQUENT RAINS. WHEN THE CONTRIBUTING DRAINAGE AREA HAS BEEN ADEQUATELY STABILIZED, REMOVE ALL MATERIALS AND ANY UNSTABLE SOIL, AND EITHER SALVAGE OR DISPOSE OF IT PROPERLY. BRING THE DISTURBED AREA TO PROPER GRADE, THEN SMOOTH AND COMPACT IT. APPROPRIATELY STABILIZE ALL BARE AREAS AROUND THE INLET.



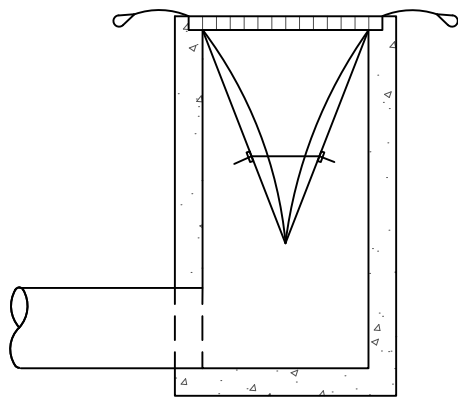
MAINTENANCE NOTES:

- INSPECT SEDIMENT FENCES AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL. MAKE ANY REQUIRED REPAIRS IMMEDIATELY.
- SHOULD THE FABRIC OF A SEDIMENT FENCE COLLAPSE, TEAR, DECOMPOSE OR BECOME INEFFECTIVE, REPLACE IT PROMPTLY.
- REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE. TAKE CARE TO AVOID UNDERMINING THE FENCE DURING CLEANOUT.
- REMOVE ALL FENCING MATERIALS AND UNSTABLE SEDIMENT DEPOSITS AND BRING THE AREA TO GRADE AND STABILIZE IT AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.

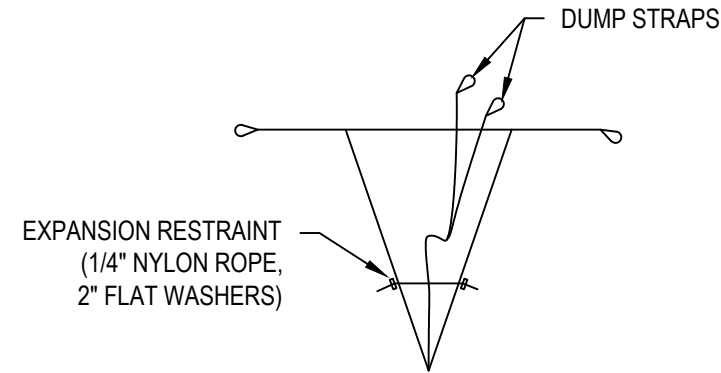


SILT FENCE

NOT TO SCALE



INSTALLATION DETAIL



BAG DETAIL

MAINTENANCE NOTE:

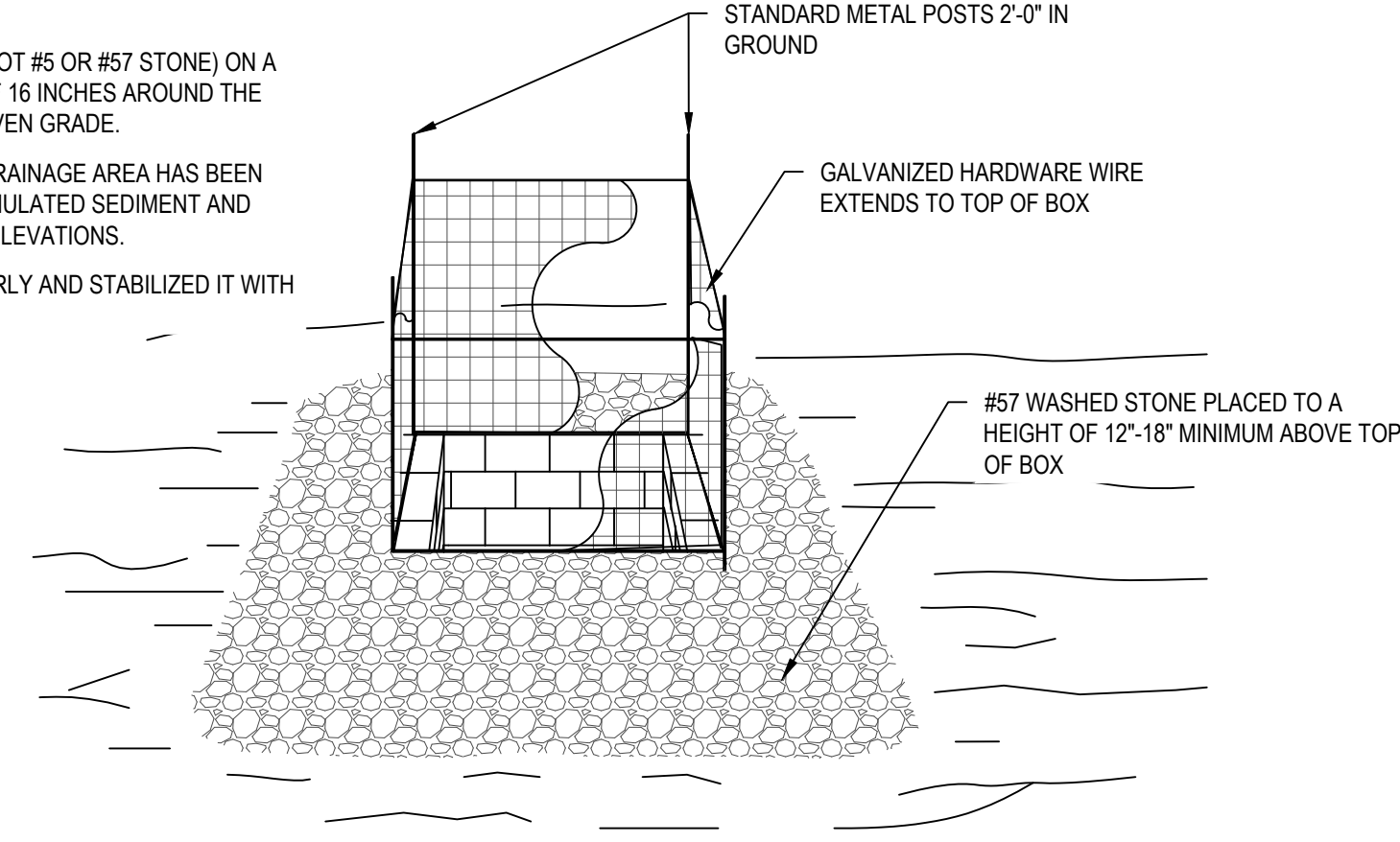
INSPECT INLETS AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT (1/2 INCH OR GREATER) RAINFALL EVENT. CLEAR THE SEDIMENT SACK OF ANY DEBRIS OR OTHER OBJECTS TO PROVIDE ADEQUATE FLOW FOR SUBSEQUENT RAINS. TAKE CARE NOT TO DAMAGE THE SEDIMENT SACK DURING SEDIMENT REMOVAL. REPLACE DAMAGED SEDIMENT SACKS IMMEDIATELY.

INLET SEDIMENT CONTROL DEVICE

NOT TO SCALE

HARDWARE CLOTH & GRAVEL INLET PROTECTION

NOT TO SCALE



MAINTENANCE NOTE:

INSPECT INLETS AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT (1/2 INCH OR GREATER) RAINFALL EVENT. CLEAR THE MESH WIRE OF ANY DEBRIS OR OTHER OBJECTS TO PROVIDE ADEQUATE FLOW FOR SUBSEQUENT RAINS. TAKE CARE NOT TO DAMAGE OR UNDERCUT THE WIRE MESH DURING SEDIMENT REMOVAL. REPLACE STONE AS NEEDED.

NOTES

- UNIFORMLY GRADE A SHALLOW DEPRESSION APPROACHING THE INLET.
- DRIVE 5-FOOT STEEL POSTS 2 FEET INTO THE GROUND SURROUNDING THE INLET. SPACE POSTS EVENLY AROUND THE PERIMETER OF THE INLET A MAXIMUM OF 4 FEET APART.
- SURROUND THE POSTS WITH WIRE MESH HARDWARE CLOTH. SECURE THE WIRE MESH TO THE STEEL POSTS AT THE TOP, MIDDLE, AND BOTTOM. PLACE A 2-FOOT FLAP OF THE WIRE MESH UNDER THE GRAVEL FOR ANCHORING.
- PLACE CLEAN GRAVEL (NC DOT #5 OR #57 STONE) ON A 2:1 SLOPE WITH A HEIGHT OF 16 INCHES AROUND THE WIRE AND SMOOTH TO AN EVEN GRADE.
- ONCE THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED, REMOVE ACCUMULATED SEDIMENT AND ESTABLISH FINAL GRADING ELEVATIONS.
- COMPACT THE AREA PROPERLY AND STABILIZED IT WITH GROUND COVER.

STANDARD METAL POSTS 2'-0" IN GROUND

GALVANIZED HARDWARE WIRE EXTENDS TO TOP OF BOX

#57 WASHED STONE PLACED TO A HEIGHT OF 12"-18" MINIMUM ABOVE TOP OF BOX

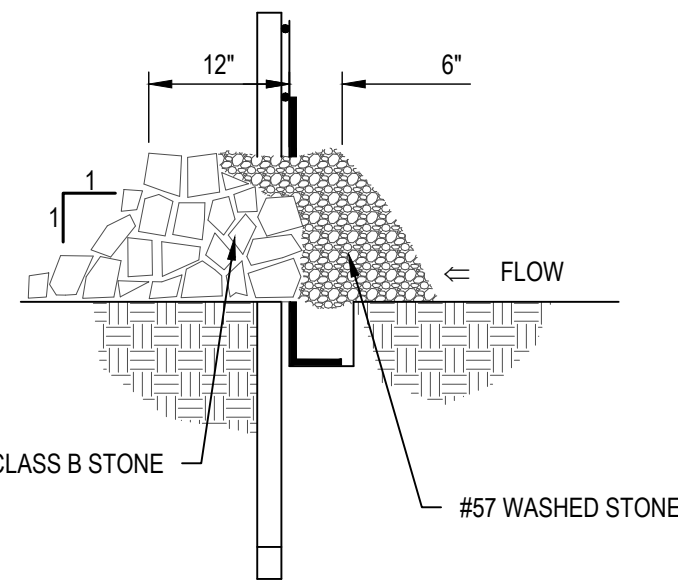
DAM SECTION

NOTE:

- POSTS TO BE BURIED A MINIMUM OF 24".

SILT FENCE OUTLET-STONE

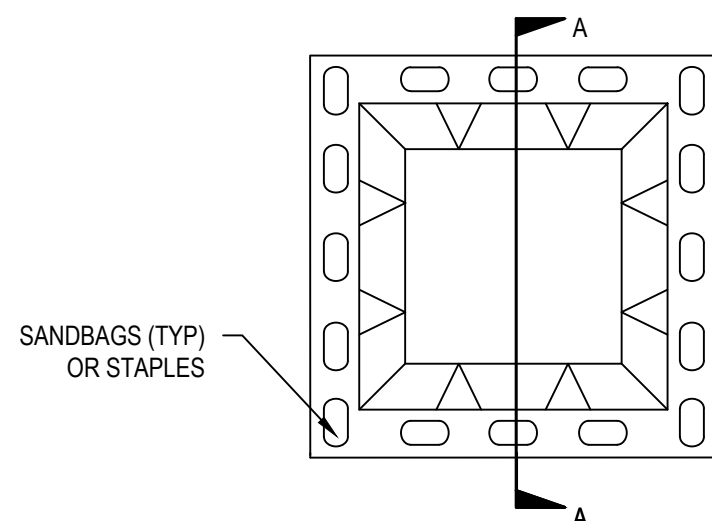
NOT TO SCALE



CROSS SECTION

EROSION CONTROL NOTES:

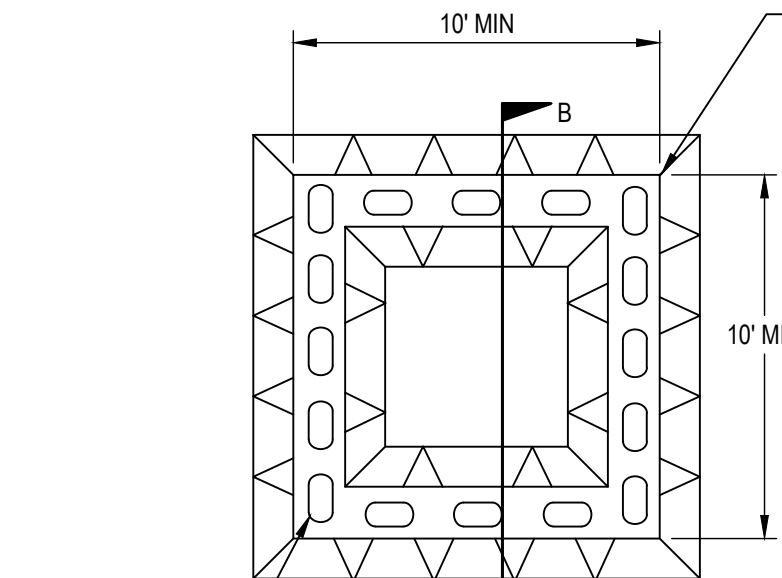
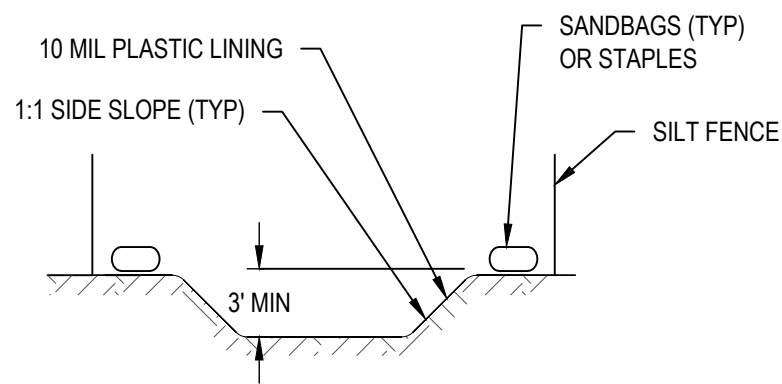
- CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING AND INSTALLING ALL EROSION CONTROL MEASURES TO ACCOUNT FOR ANY EROSION THAT MAY OCCUR.



MAINTENANCE NOTE:

- THE CONCRETE WASHOUT STRUCTURES SHALL BE MAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES CAPACITY.

BELOW GRADE WASHOUT STRUCTURE

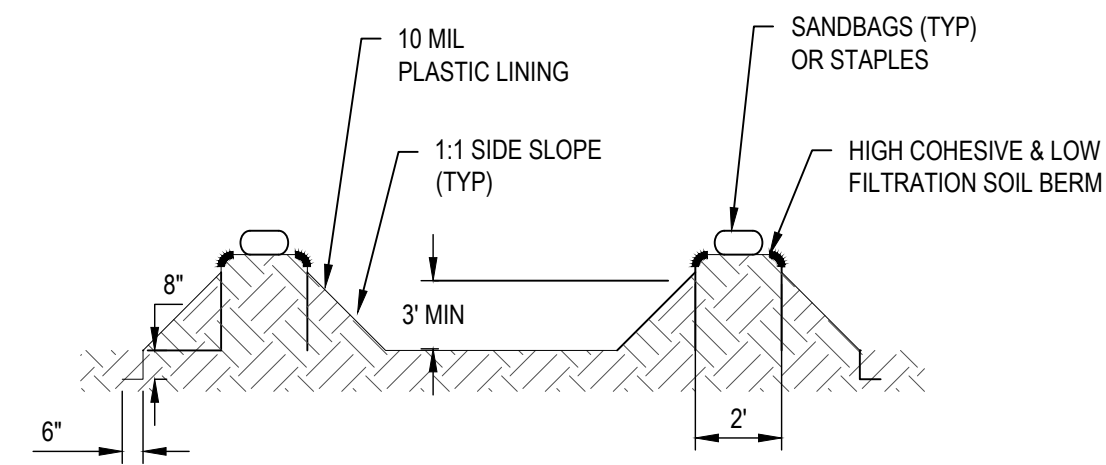


PLAN

MAINTENANCE NOTE:

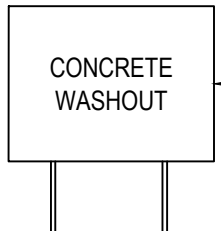
- THE CONCRETE WASHOUT STRUCTURES SHALL BE MAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES CAPACITY TO PROVIDE ADEQUATE HOLDING CAPACITY WITH A MINIMUM 12 INCHES OF FREEBOARD.

ABOVE GRADE WASHOUT STRUCTURE



NOTES:

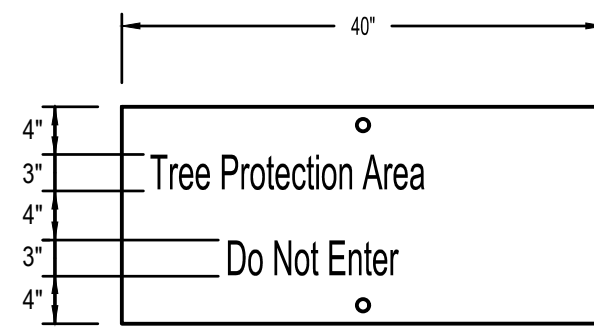
- ACTUAL LOCATION DETERMINED IN FIELD
- CONCRETE WASHOUT STRUCTURE NEEDS TO BE CLEARLY MARKED WITH SIGNAGE NOTING DEVICE.



CLEARLY MARKED SIGNAGE NOTING DEVICE (18"x24" MIN)

ONSITE CONCRETE WASHOUT STRUCTURE WITH LINER

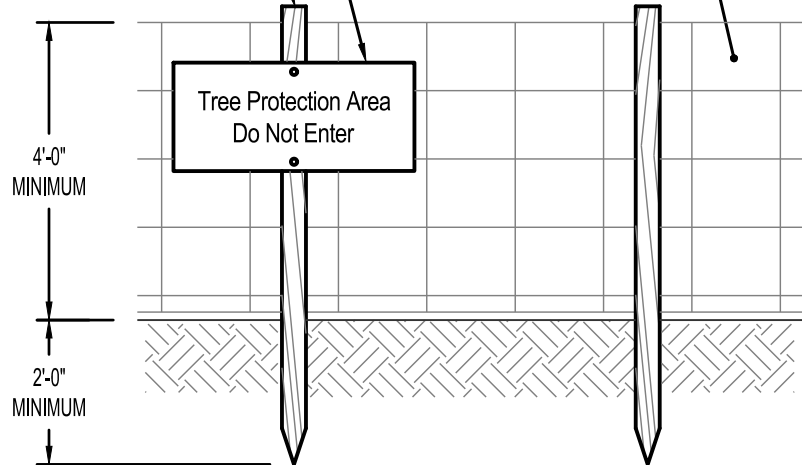
NOT TO SCALE



WEATHERPROOF SIGN AS SHOWN ABOVE. SEE NOTES BELOW FOR CONSTRUCTION AND SPACING DATA.

POST MAY BE EITHER 4"x4" PINE, 2"x4" OR 1.33 lb./LF STEEL

ORANGE, UV RESISTANT HIGH-TENSILE STRENGTH POLY BARRICADE FABRIC



NOTES:

- WARNING SIGNS TO BE MADE OF DURABLE, WEATHERPROOF MATERIAL.
- LETTERS ARE TO BE 3" HIGH MIN., CLEARLY LEGIBLE AND SPACED AS DETAILED.
- SIGNS ARE TO BE PLACED NO GREATER THAN 200' ON CENTER.
- PLACE SIGN AT EACH END OF LINEAR TREE PROTECTION AREA AND ON CENTER THEREAFTER FOR TREE PROTECTION AREAS LESS THAN 200' IN PERIMETER. PROVIDE NO LESS THAN ONE SIGN PER PROTECTION AREA.
- ATTACH SIGNS SECURELY TO FENCE POST AND FABRIC.
- MAINTAIN TREE PROTECTION FENCE THROUGHOUT DURATION OF PROJECT.

TREE PROTECTION FENCE

NTS



WR Job No. 06211005.00 DATE 01/25/2023  
DRN: DAC DGN: DAC CKD: LM

EROSION CONTROL DETAILS

C1.00

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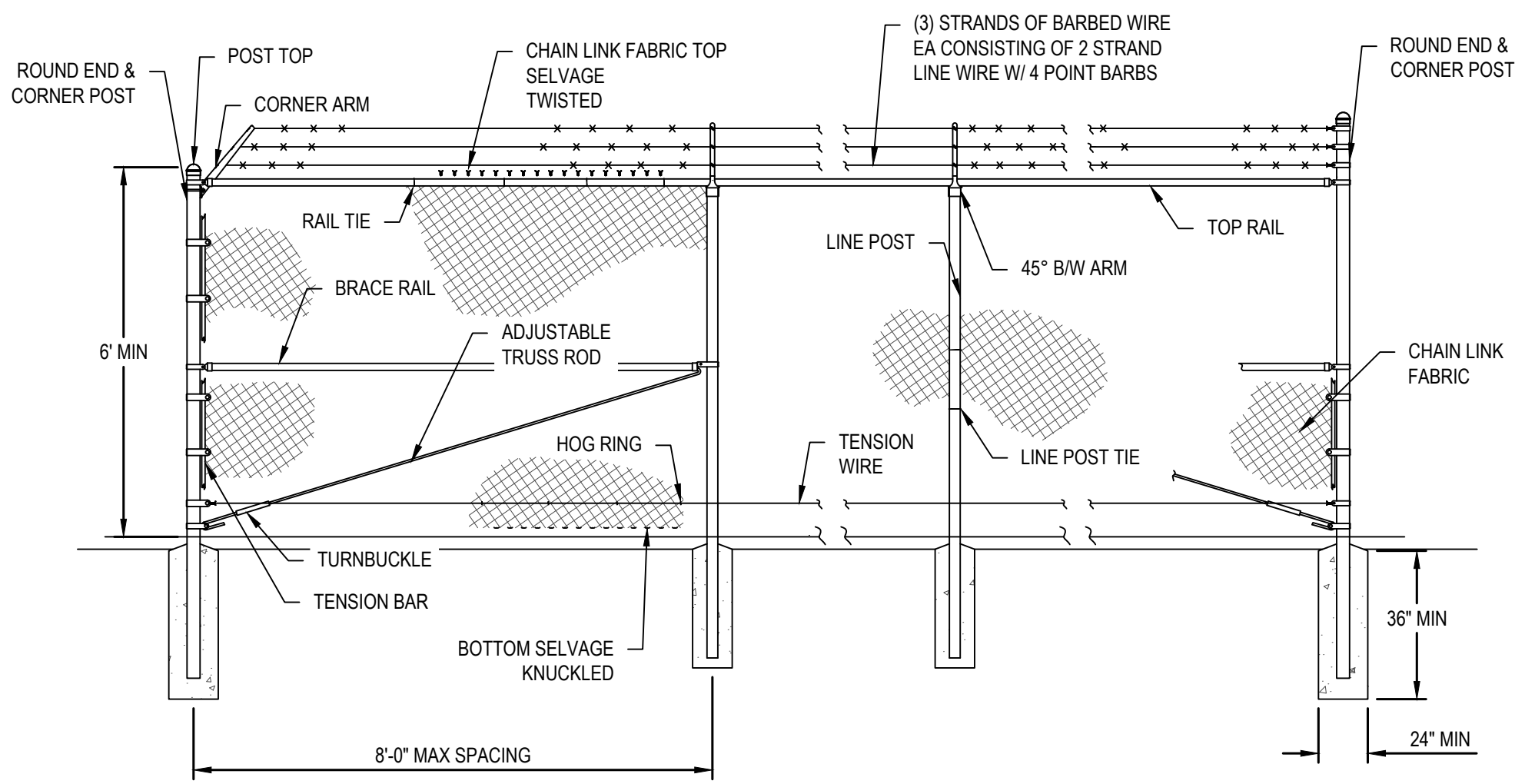
CONSTRUCTION PLANS  
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CRI-155-0014

MAXTON, NC 28344 | ROBESON

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CHAIN LINK FENCE  
NOT TO SCALE

WR Job No.	DATE
06211005-00	01/25/2023
DRN: DAC	DGN: DAC
CKD: LM	

STANDARD  
DETAILS

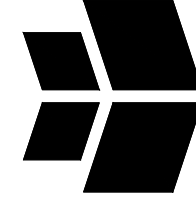
C1.01



CONSTRUCTION PLANS  
**ROBESON COUNTY**  
**MAXTON GENERATORS**  
**CRI-155-0014**

MAXTON, NC 28364 | ROBESON

**ROBESON COUNTY**  
550 NORTH CHESTNUT STREET  
LUMBERTON, NC 29388

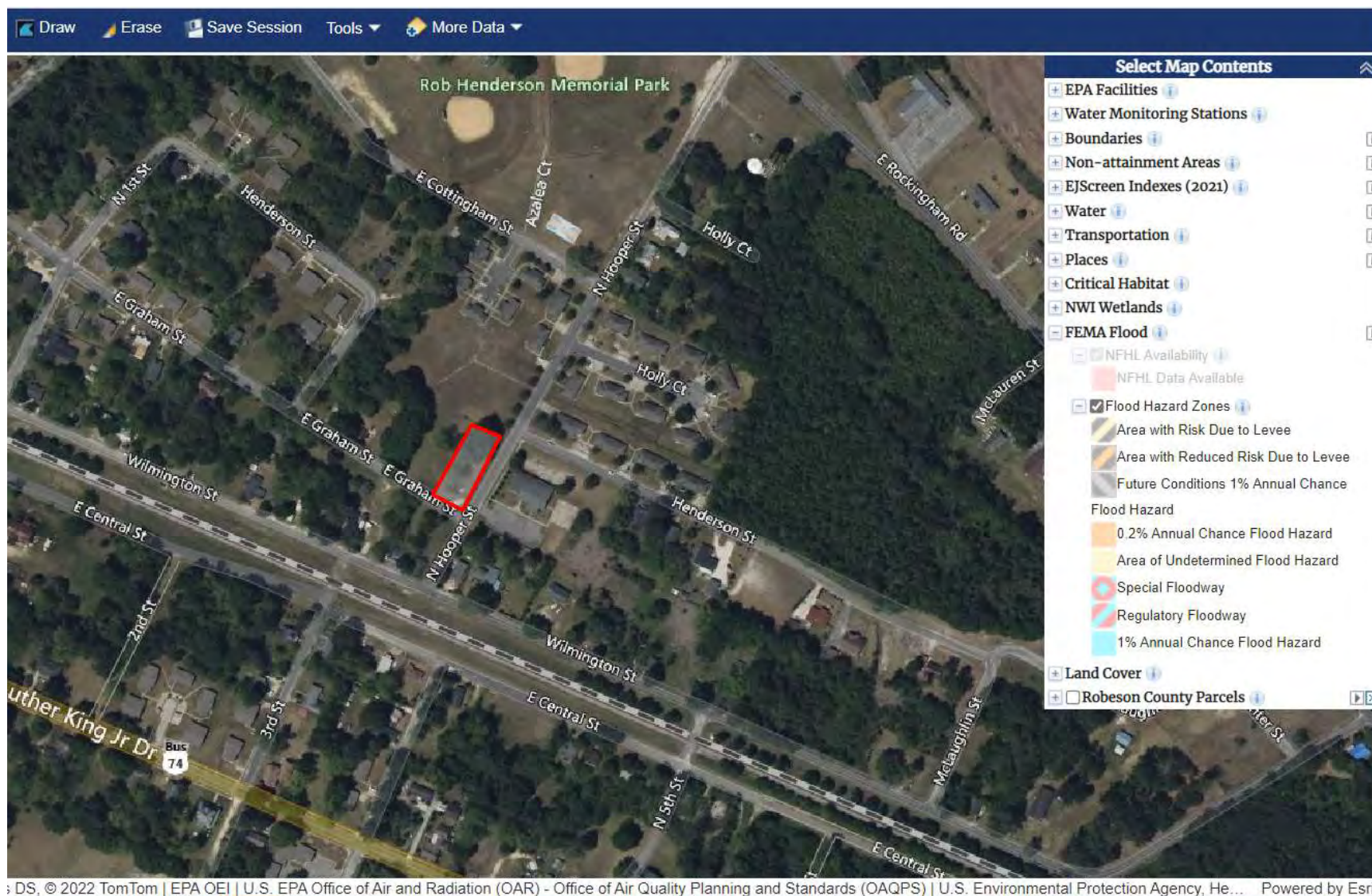


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## **FEMA FIRMs and PFIRMS with Parcel Boundary**

**Maxton Sewer Lift Station No. 5**  
**303 N. Hooper Street, Maxton, NC 28364**

# Maxton Sewer Lift Station No. 5, 303 N. Hooper Street, Maxton, NC 28364 - FEMA FIRM





# National Flood Hazard Layer FIRMette



79°20'52"W 34°44'25"N



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

79°20'14"W 34°43'56"N

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

## Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		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

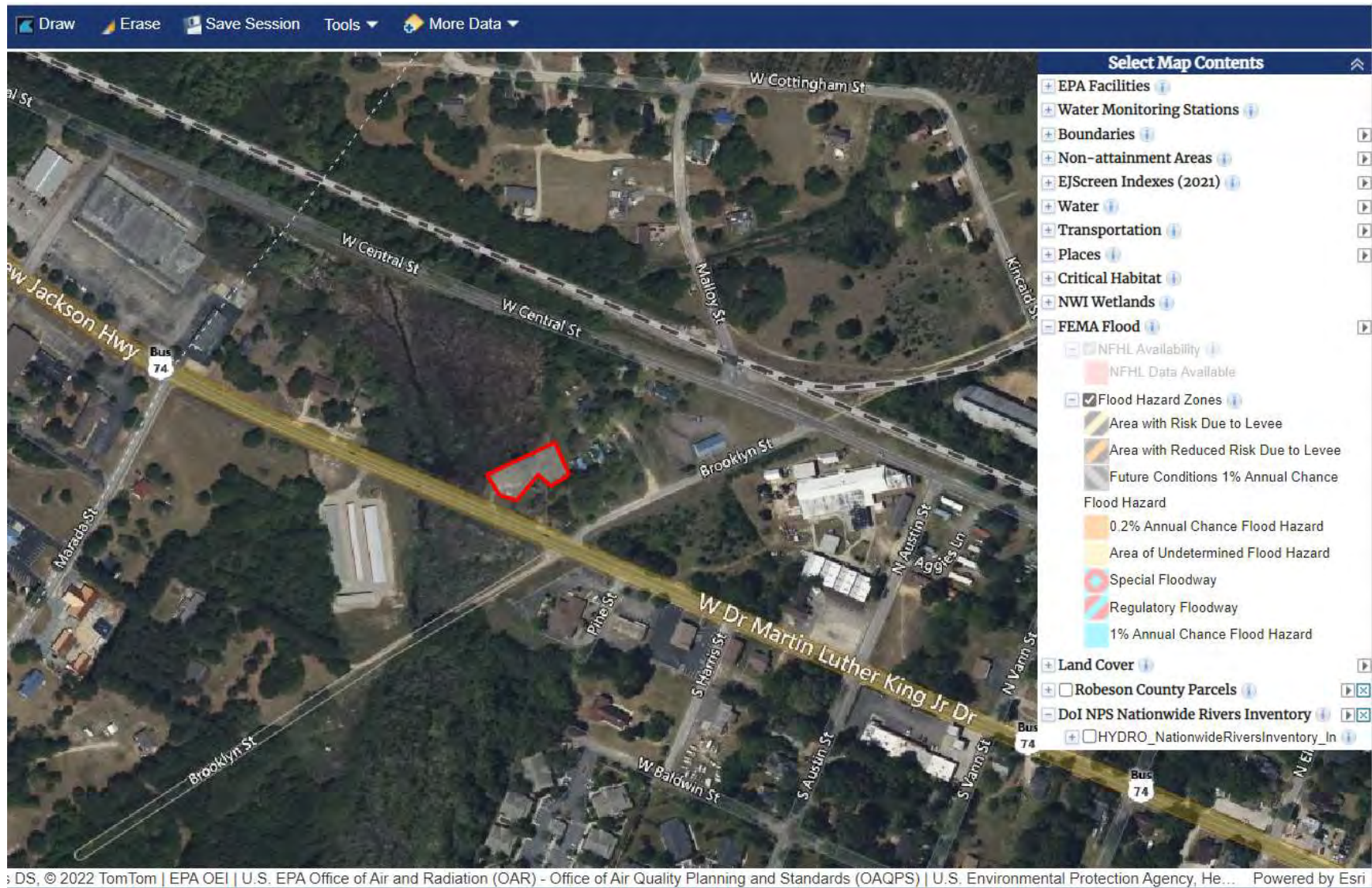
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **12/23/2021 at 9:32 AM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

**Maxton Sewer Lift Station No. 7**  
**904 US 74 BUS, Maxton, NC 28364**



# Maxton Sewer Lift Station No. 7, 904 US 74 BUS, Maxton, NC 28364 - FEMA FIRM

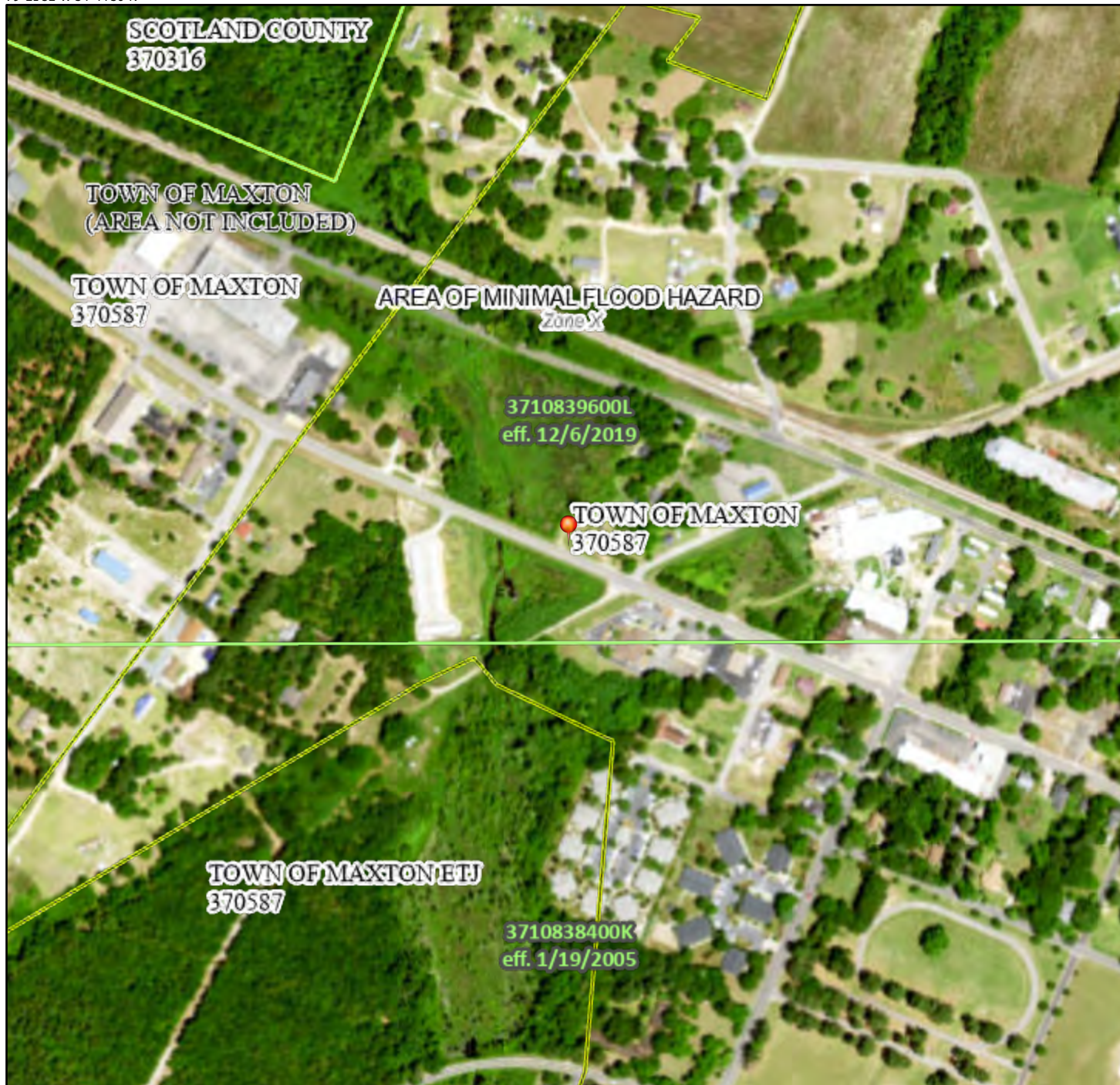




# National Flood Hazard Layer FIRMette



79°21'52"W 34°44'36"N



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

1:6,000

79°21'14"W 34°44'17"N

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

## Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5
		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

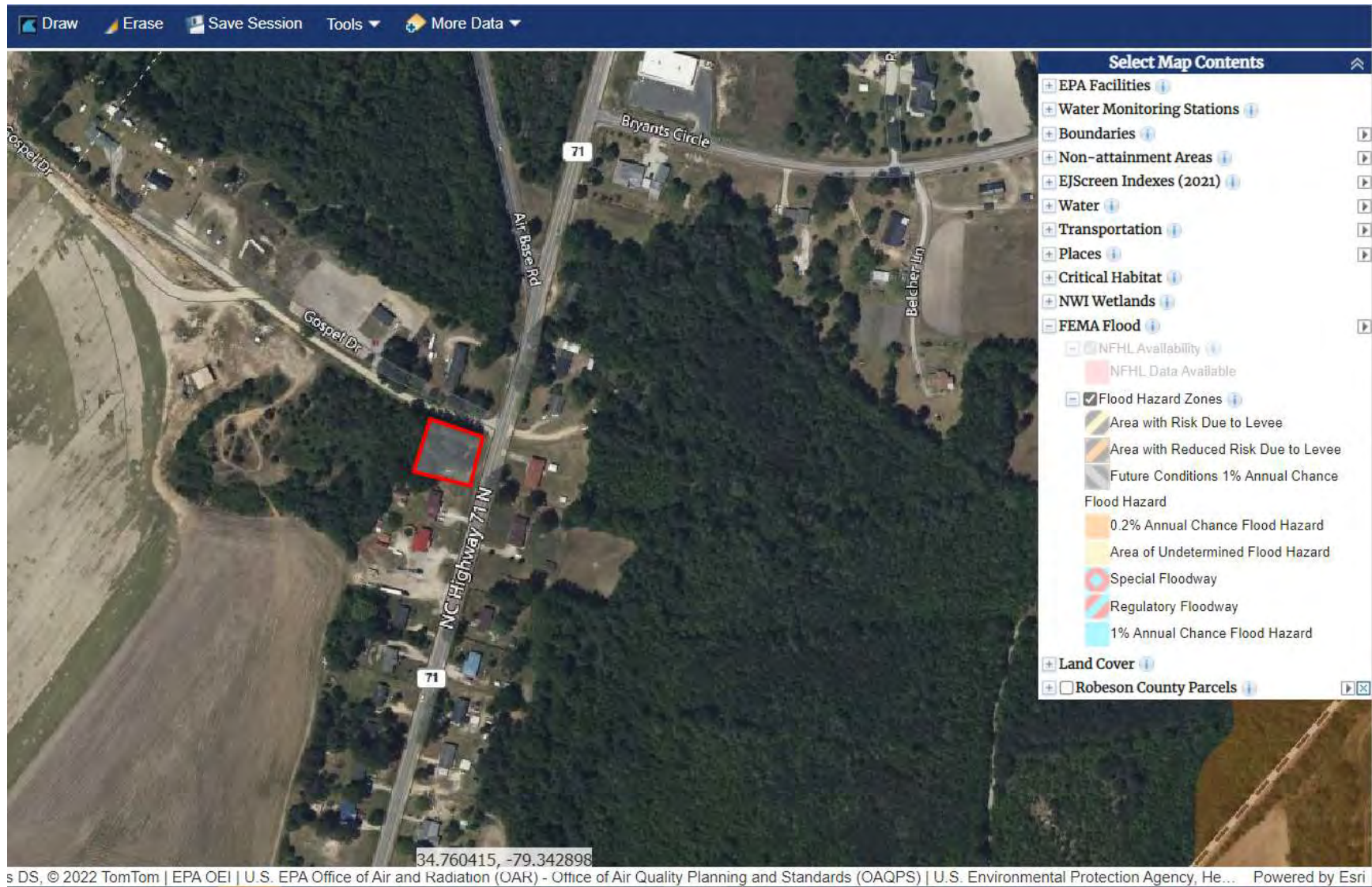
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **12/23/2021 at 12:39 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded 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.

**Maxton Sewer Lift Station No. 10**  
**627 NC Highway 71N, Maxton, NC 28364**



# Maxton Sewer Lift Station No. 10, 627 NC Highway 71N, Maxton, NC 28364 - FEMA FIRM

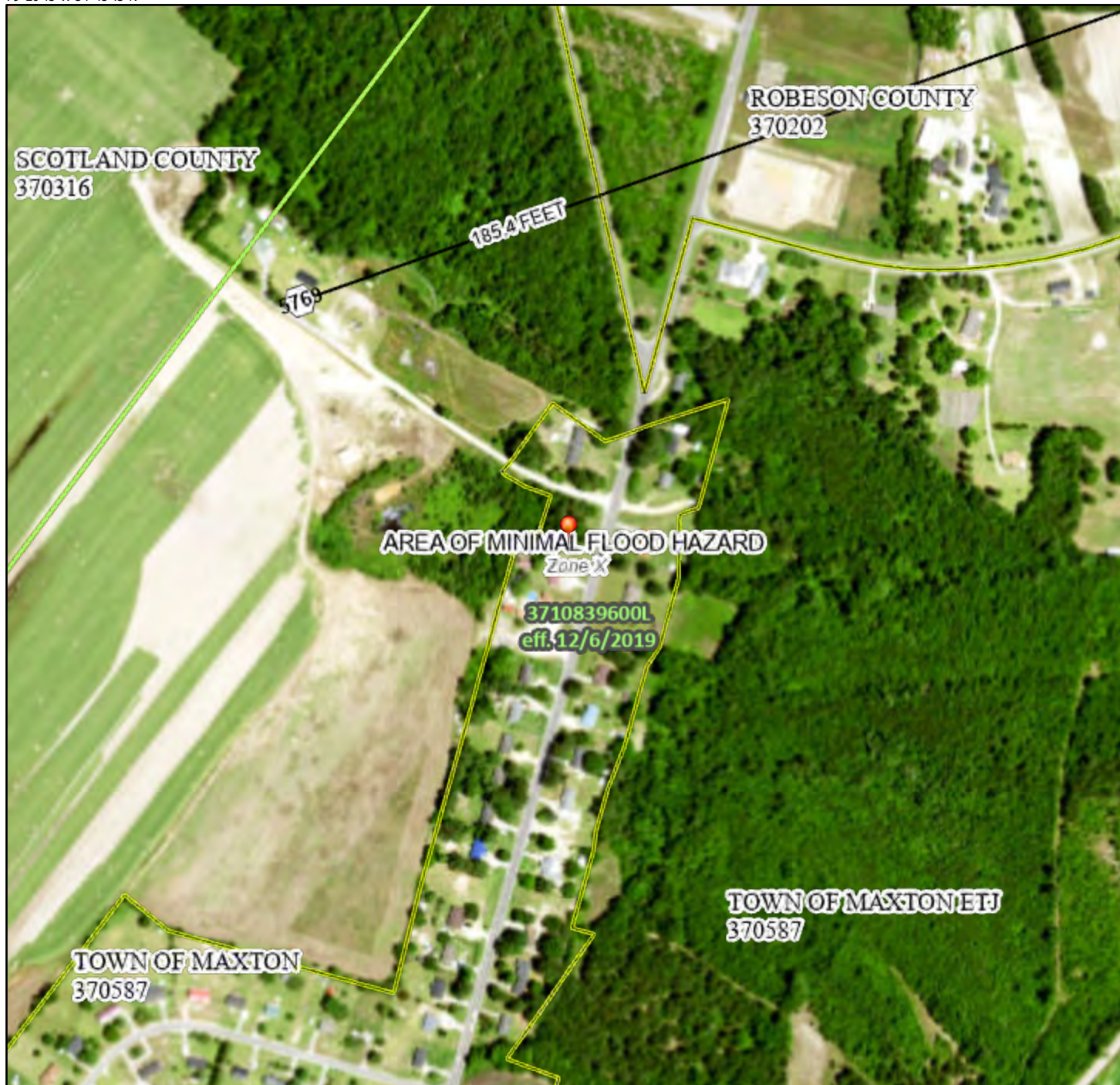




# National Flood Hazard Layer FIRMette



79°20'45"W 34°45'43"N



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

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

## Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
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 Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		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 **12/23/2021 at 10:41 AM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

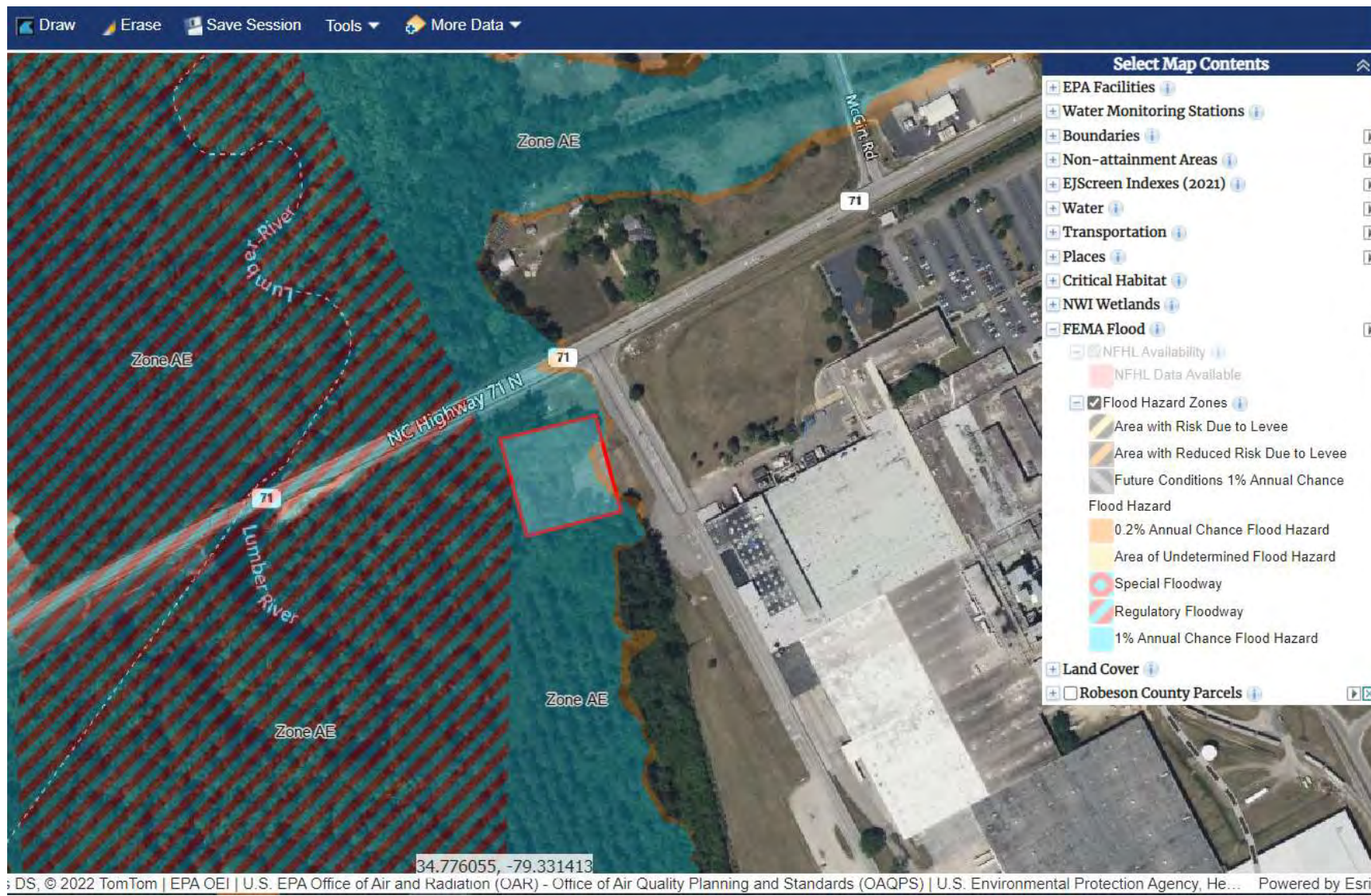






**Maxton Sewer Lift Station No. 11**  
**2074 NC Highway 71N, Maxton, NC 28364**

# Maxton Sewer Lift Station No. 11, 2074 NC Highway 71N, Maxton, NC 28364 - FEMA FIRM

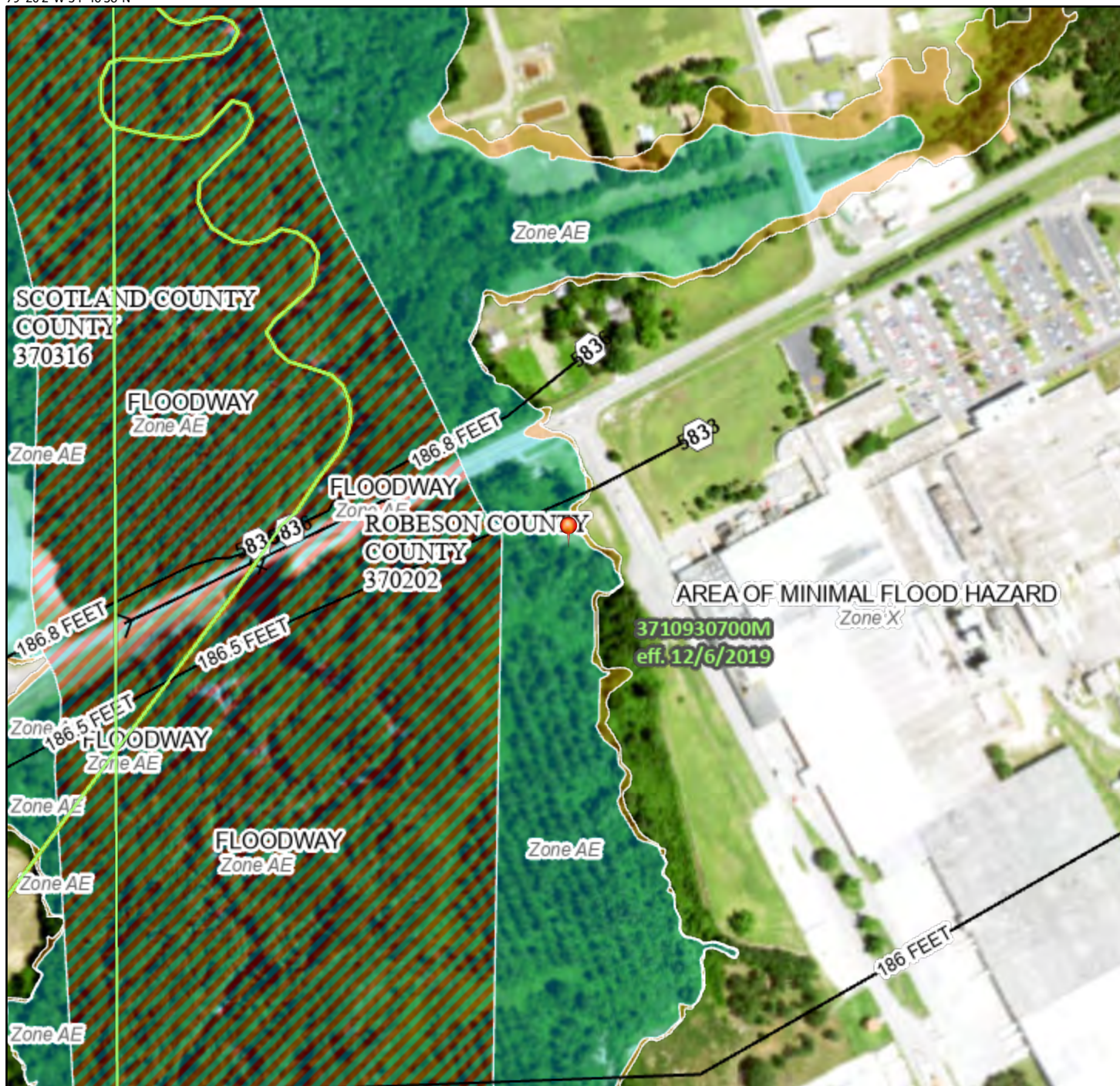




# National Flood Hazard Layer FIRMette



79°20'2"W 34°46'38"N



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

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

## Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
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 6/2/2023 at 4:38 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.







## **APPENDIX 2**

- **Early Notice and Public Review of a Proposed Activity in Wetlands and 100-Year Floodplain**
- **Affidavit for Publication of Early Notice**
- **Distribution List to Interested Agencies, Groups and Individuals**
- **Early Notice Comments**



# North Carolina Department of Public Safety

## Office of Recovery and Resiliency

Roy Cooper, Governor  
Eddie M. Buffaloe, Jr., Secretary

Laura H. Hogshead, Director

### **EARLY NOTICE AND PUBLIC REVIEW OF A PROPOSED ACTIVITY IN A 100-YEAR FLOODPLAIN**

#### **MAXTON SEWER LIFT STATION GENERATORS FOUR EXISTING SEWER LIFT STATIONS IN MAXTON, ROBESON COUNTY, NORTH CAROLINA 28364 JUNE 7, 2023**

To: All interested Agencies, Groups and Individuals

This is to give notice that the North Carolina Office of Recovery and Resiliency (NCORR) has received an application from Robeson County to use Community Development Block Grant – Mitigation (CDBG-MIT) funding from the Infrastructure Recovery Program to implement the Town of Maxton Sewer Lift Station Generators (hereinafter, the “Proposed Activity”) and is conducting an evaluation as required by Executive Order 11988 in accordance with U.S. Department of Housing and Urban Development (HUD) regulations (24 CFR Part 55). There are three primary purposes for this notice. First, to provide the public an opportunity to express their concerns and share information about the Proposed Activity, including alternative locations outside of the floodplain. Second, adequate public notice is an important public education tool. The dissemination of information about floodplains facilitates and enhances governmental efforts to reduce the risks associated with the occupancy and modification of these special areas. Third, as a matter of fairness, when the government determines it will participate in actions taking place in floodplain, it must inform those who may be put at greater or continued risk.

The State of North Carolina was adversely impacted by the landfall of Hurricanes Matthew (October 8, 2016) and Florence (September 14, 2018). Hurricane Matthew caused widespread power outages in Maxton and throughout Robeson County causing functional failures at all eleven sewer lift stations, which resulted in waste back-ups throughout the Town’s sewer system due to the lack of auxiliary power availability at the sewer lift stations. The presence of auxiliary power capability at even four of the lift station sites would have offset the harmful effects of primary power loss; however, the Town did not have generators, either fixed or mobile, available for use, until days following the storm. These four sewer lift stations have been prioritized as sites requiring auxiliary power sources and automatic transfer switching (ATS) capability. The generators will provide auxiliary power at the four sewer lift stations during power outages, such as those experienced during Hurricane Matthew. Providing this critical infrastructure will ensure

**Mailing Address:**  
Post Office Box 110465  
Durham, NC 27709



*An Equal Opportunity Employer*

**Phone: (984) 833-5350**  
[www.ncdps.gov](http://www.ncdps.gov)  
[www.rebuild.nc.gov](http://www.rebuild.nc.gov)

that sewage treatment may continue in the event of loss of primary power and alleviate severe threats to public welfare during and after future storm events.

The Proposed Activity entails the purchase of four generator packages, including integrated diesel fuel tanks, ATS, wiring connections, electrical panels, mounting pads, and generators and installation at Maxton Sewer Lift Station (SLS) No. 5, at 303 N. Hooper Street; SLS No. 7 at 904 US 74 BUS; SLS No. 10 at 627 NC Highway 71N; and SLS No. 11 at 2074 NC Highway 71N in Maxton, NC 28364. SLS No. 7 is the only site where the existing fence will be extended to accommodate the generator placement. At all sites, generator equipment will be placed on concrete pads above surrounding ground elevation with SLS No. 11 improvements placed at least two feet above base flood elevation (BFE).

The Proposed Activity will result in temporary impacts to 0.03 acres of 100-Year Floodplain and permanent impacts to 0.002 acres of 100-Year Floodplain. These impacts will include site preparation and installation of the ATS adjacent to the new control panel and circuit breaker equipment, 6 feet above-grade, and connected to the generator equipment set via underground conduit. The generator package and electrical panels and circuitry will be mounted on a steel frame 2 feet above BFE. The steel frame will be mounted on steel posts, anchored 4 feet below current grade. Electrical connections from the control panel and ATS equipment will be made at the terminating panels within the lift station via underground conduit, installed by directional drilling. The Proposed Activity will comply with a Floodplain Development Permit and all applicable federal, State and local laws, regulations, and permit requirements and conditions which shall be obtained before commencing work. Floodplains are beneficial by providing natural moderation of floods, surface water quality maintenance, groundwater recharge, diverse wildlife habitat, cultural resources (archaeological, historic, and recreational), and agricultural, aquacultural, and forestry resources. The Proposed Activity is occurring at regularly maintained, mowed parcels with fenced-in sewer lift stations. Due to the previous, significant site modification including fill and development for the sewer lift station, there will be minimal impacts on the natural and beneficial functions and values of the 100-Year Floodplain at SLS No. 11. The project activities at SLS No. 11 will not result in additional fill within the 100-Year Floodplain.

Floodplain maps based on the FEMA Flood Insurance Rate Maps (FIRM) and Preliminary FIRMs are available for review at <https://www.rebuild.nc.gov/about/plans-policies-reports/environmental-reviews>. A full description of the Proposed Activity may also be viewed in person, by appointment only, at: NCORR, 200 Park Offices Drive, Durham, NC 27709. Call (984) 833-5350 to make an appointment.

Written comments must be received by NCORR at the following address on or before June 22, 2023: Laura Hogshead, Director, NCORR, ATTN: Maxton Sewer Lift Station Generators, P.O. Box 110465, Durham, NC 27709. Comments may also be submitted by email to [publiccomments@rebuild.nc.gov](mailto:publiccomments@rebuild.nc.gov) with "ATTN: Maxton Sewer Lift Station Generators Comments" in the subject line.

AFFP  
EARLY NOTICE AND PUBLIC REVIEW

## Affidavit of Publication

STATE OF NORTH CAROLINA }  
COUNTY OF ROBESON }

SS

Linda Currie, being duly sworn, says: That she

is Customer Service Representative of The Robesonian, a daily newspaper of general circulation, printed and published in Lumberton, Robeson County, North Carolina; that the publication, a copy of which is attached hereto, was published in the said newspaper on

June 07, 2023

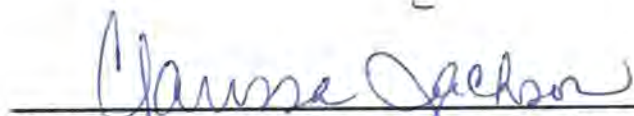
That said newspaper was regularly issued and circulated on those dates.

SIGNED:



Customer Service Representative

Subscribed to and sworn to me this 7th day of June 2023.



Clarissa Jackson, Notary Public, Robeson County, North Carolina

My commission expires: July 23, 2026

22046454 01122321

190-NCORR  
PO Box 110465  
Durham, NC 27709



EARLY NOTICE AND PUBLIC REVIEW OF A PROPOSED ACTIVITY  
IN A 100-YEAR FLOODPLAIN  
MAXTON SEWER LIFT STATION GENERATORS  
FOUR EXISTING SEWER LIFT STATIONS IN MAXTON, ROBESON COUNTY,  
NORTH CAROLINA 28364  
JUNE 7, 2023

To: All interested Agencies, Groups and Individuals

This is to give notice that the North Carolina Office of Recovery and Resiliency (NCORR) has received an application from Robeson County to use Community Development Block Grant – Mitigation (CDBG-MIT) funding from the infrastructure Recovery Program to implement the Town of Maxton Sewer Lift Station Generators (hereinafter, the "Proposed Activity") and is conducting an evaluation as required by Executive Order 11988 in accordance with U.S.

Department of Housing and Urban Development (HUD) regulations (24 CFR Part 55). There are three primary purposes for this notice. First, to provide the public an opportunity to express their concerns and share information about the Proposed Activity, including alternative locations outside of the floodplain. Second, adequate public notice is an important public education tool. The dissemination of information about floodplains facilitates and enhances governmental efforts to reduce the risks associated with the occupancy and modification of these special areas. Third, as a matter of fairness, when the government determines it will participate in actions taking place in floodplain, it must inform those who may be put at greater or continued risk.

The State of North Carolina was adversely impacted by the landfall of Hurricanes Matthew (October 8, 2016) and Florence (September 14, 2018). Hurricane Matthew caused widespread power outages in Maxton and throughout Robeson County causing functional failures at all eleven sewer lift stations, which resulted in waste back-ups throughout the Town's sewer system due to the lack of auxiliary power availability at the sewer lift stations. The presence of auxiliary power capability at even four of the lift station sites would have offset the harmful effects of primary power loss; however, the Town did not have generators, either fixed or mobile, available for use, until days following the storm. These four sewer lift stations have been prioritized as sites requiring auxiliary power sources and automatic transfer switching (ATS) capability. The generators will provide auxiliary power at the four sewer lift stations during power outages, such as those experienced during Hurricane Matthew. Providing this critical infrastructure will ensure that sewage treatment may continue in the event of loss of primary power and alleviate severe threats to public welfare during and after future storm events.

The Proposed Activity entails the purchase of four generator packages, including integrated diesel fuel tanks, ATS, wiring connections, electrical panels, mounting pads, and generators and installation at Maxton Sewer Lift Station (SLS) No. 5, at 303 N. Hooper Street; SLS No. 7 at 904 US 74 BUS; SLS No. 10 at 627 NC Highway 71N; and SLS No. 11 at 2074 NC Highway 71N in Maxton, NC 28364. SLS No. 7 is the only site where the existing fence will be extended to accommodate the generator placement. At all sites, generator equipment will be placed on concrete pads above surrounding ground elevation with SLS No. 11 improvements placed at least two feet above base flood elevation (BFE).

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installed by directional drilling. The Proposed Activity will comply with a Floodplain Development Permit and all applicable federal, State and local laws, regulations, and permit requirements and conditions which shall be obtained before commencing work. Floodplains are beneficial by providing natural moderation of floods, surface water quality maintenance, groundwater recharge, diverse wildlife habitat, cultural resources (archaeological, historic, and recreational), and agricultural, aquacultural, and forestry resources. The Proposed Activity is occurring at regularly maintained, mowed parcels with fenced-in sewer lift stations. Due to the previous, significant site modification including fill and development for the sewer lift station, there will be minimal impacts on the natural and beneficial functions and values of the 100-Year Floodplain at SLS No. 11. The project activities at SLS No. 11 will not result in additional fill within the 100-Year Floodplain.

Floodplain maps based on the FEMA Flood Insurance Rate Maps (FIRM) and Preliminary

FIRMs are available for review at

<https://www.rebuild.nc.gov/about/plans-policies-reports/environmental-reviews>.

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Written comments must be received by NCORR at the following address on or before June 22, 2023: Laura Hogshead, Director, NCORR, ATTN: Maxton Sewer Lift Station Generators, P.O. Box 110465, Durham, NC 27709. Comments may also be submitted by email to [publiccomments@rebuild.nc.gov](mailto:publiccomments@rebuild.nc.gov) with "ATTN: Maxton Sewer Lift Station Generators Comments" in the subject line.

## ***EARLY NOTICE FLOODPLAIN DISTRIBUTION LIST***

### **TOWN OF MAXTON SEWER LIFT STATION GENERATORS**

#### **FOUR EXISTING SEWER LIFT STATIONS IN MAXTON, ROBESON COUNTY, NORTH CAROLINA 28364**

Published in The Robesonian on 6/7/23, comments end 6/22/23

#### **FEDERAL AGENCIES**

<b>Agency</b>	<b>Name &amp; Address</b>	<b>Method</b>
<b>HUD NC</b>	Mr. Lenwood E. Smith, II Environmental Protection Specialist Greensboro Field Office U.S. Dept. of Housing and Urban Development 1500 Pinecroft Road, Suite 401 Greensboro, NC 27407-3838	<a href="mailto:Lenwood.E.Smith@hud.gov">Lenwood.E.Smith@hud.gov</a>
<b>FEMA, Region IV</b>	Ms. Gracia B. Szczech, Regional Administrator U.S. Dept. of Homeland Security FEMA, Region IV 3003 Chamblee Tucker Road Atlanta, GA 30341	FedEx
<b>FEMA ATTN: 11988</b>	<i>Hard copies may also be mailed to</i> Attn: 11990/NEPA Reviewer (EHP) DHS/FEMA RIV 3003 Chamblee Tucker Road Atlanta, GA 30341	<a href="mailto:FEMA-R4EHP@fema.dhs.gov">FEMA-R4EHP@fema.dhs.gov</a> with the subject line <b>REVIEW REQUEST: 11998/NEPA</b>
<b>US EPA, Region 4</b>	Mr. John Blevins, Acting Regional Administrator U.S. EPA, Region 4 Laboratory Services & Applied Science Div. 980 College Station Road Athens, GA 30605-2720	FedEx
<b>US EPA, Region 4</b>	Ms. Ntale Kajumba, NEPA Coordinator U.S. EPA, Region 4 Laboratory Services & Applied Science Div. 980 College Station Road Athens, GA 30605-2720	<a href="mailto:Kajumba.ntale@epa.gov">Kajumba.ntale@epa.gov</a>
<b>USFWS – Raleigh Field Office</b>	USFWS – Raleigh Field Office ATTN: John Ellis P.O. Box 33726 Raleigh, NC 27636 ph.: 919-856-4520, ext. 26	<a href="mailto:john_ellis@fws.gov">john_ellis@fws.gov</a> cc: <a href="mailto:leigh_mann@fws.gov">leigh_mann@fws.gov</a>



<b>TRIBES, NATIONS AND COMMUNITIES</b> (who asked to be notified)		
<b>Catawba Indian Nation</b>	Dr. Wenonah George Haire, THPO ATTN: THPO Archaeology Dept. Catawba Indian Nation 1536 Tom Steven Road Rock Hill, SC 29730	Does not want Notice
<b>Catawba Indian Nation</b>	Chief Bill Harris Catawba Indian Nation 996 Avenue of the Nations Rock Hill, SC 29730	Does not want Notice
<b>NC STATE AGENCIES</b>		
<b>STATE CLEARING-HOUSE</b>	Ms. Crystal Best North Carolina Department of Administration State Environmental Review Clearinghouse 1301 Mail Service Center Raleigh, North Carolina 27699-1301	<a href="mailto:State.Clearinghouse@doa.nc.gov">State.Clearinghouse@doa.nc.gov</a> <a href="mailto:crystal.best@doa.nc.gov">crystal.best@doa.nc.gov</a>
<b>LOCAL AGENCIES</b>		
<b>COUNTY</b>	Kellie Blue County Manager Robeson County. NC 550 North Chestnut Street Lumberton, NC 28358 Phone: 910-671-3022	<a href="mailto:kellie.blue@co.robeson.nc.us">kellie.blue@co.robeson.nc.us</a>
<b>COUNTY</b>	Tammy Freeman Clerk to the Board Robeson County. NC 550 North Chestnut Street Lumberton, NC 28358 Phone: 910-671-3022	<a href="mailto:tammy.freeman@co.robeson.nc.us">tammy.freeman@co.robeson.nc.us</a>
<b>COUNTY</b>	Myron Neville Director of Public Works Robeson County. NC Phone: 910-671-3488	<a href="mailto:myron.neville@co.robeson.nc.us">myron.neville@co.robeson.nc.us</a>
<b>COUNTY</b>	Jan Maynor	<a href="mailto:jmaynor2@nc.rr.com">jmaynor2@nc.rr.com</a>
<b>TOWN</b>	Mayor Paul G. Davis Town of Maxton Post Office Box 99 Maxton, NC 28364 Phone: (910) 844-5231	<a href="mailto:mayor@ci.maxton.nc.us">mayor@ci.maxton.nc.us</a>
	City Clerk Town of Maxton	

<b>TOWN</b>	Post Office Box 99 Maxton, NC 28364 Phone: (910) 844-5231	<a href="mailto:clerk@ci.maxton.nc.us">clerk@ci.maxton.nc.us</a>
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## Gievers, Andrea

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**From:** Gievers, Andrea  
**Sent:** Wednesday, June 7, 2023 11:03 AM  
**To:** Smith, Lenwood E  
**Subject:** Public Notice - Early Notice - Town of Maxton Sewer Lift Station Generators  
**Attachments:** NCORR Early Notice Maxton SLS Generators 6.7.23.pdf

Hello:

Please find attached the Public Notice for HUD 24 CFR §55.20(b) - *Early Notice and Public Review of a Proposed Activity in a 100-year Floodplain* publishing June 7, 2023 for the NCORR Infrastructure Recovery Program's Town of Maxton Sewer Lift Station Generators proposed project in the Town of Maxton, Robeson County, NC. 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](mailto:Andrea.L.Gievers@Rebuild.NC.Gov)  
(845) 682-1700

## Gievers, Andrea

---

**From:** Gievers, Andrea  
**Sent:** Wednesday, June 7, 2023 11:04 AM  
**To:** FEMA-R4EHP@fema.dhs.gov  
**Subject:** REVIEW REQUEST: 11998/NEPA - Town of Maxton Sewer Lift Station Generators  
**Attachments:** NCORR Early Notice Maxton SLS Generators 6.7.23.pdf

Hello:

Please find attached the Public Notice for HUD 24 CFR §55.20(b) - *Early Notice and Public Review of a Proposed Activity in a 100-year Floodplain* publishing June 7, 2023 for the NCORR Infrastructure Recovery Program's Town of Maxton Sewer Lift Station Generators proposed project in the Town of Maxton, Robeson County, NC. 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](mailto:Andrea.L.Gievers@Rebuild.NC.Gov)  
(845) 682-1700

## Gievers, Andrea

---

**From:** Gievers, Andrea  
**Sent:** Wednesday, June 7, 2023 11:06 AM  
**To:** Kajumba, Ntale  
**Subject:** Public Notice - Early Notice - Town of Maxton Sewer Lift Station Generators  
**Attachments:** NCORR Early Notice Maxton SLS Generators 6.7.23.pdf

Hello:

Please find attached the Public Notice for HUD 24 CFR §55.20(b) - *Early Notice and Public Review of a Proposed Activity in a 100-year Floodplain* publishing June 7, 2023 for the NCORR Infrastructure Recovery Program's Town of Maxton Sewer Lift Station Generators proposed project in the Town of Maxton, Robeson County, NC. A hard copy has also been sent to Mr. Blevins. 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](mailto:Andrea.L.Gievers@Rebuild.NC.Gov)  
(845) 682-1700

## Gievers, Andrea

---

**From:** Gievers, Andrea  
**Sent:** Wednesday, June 7, 2023 11:07 AM  
**To:** john\_ellis@fws.gov  
**Cc:** Mann, Leigh  
**Subject:** Public Notice - Early Notice - Town of Maxton Sewer Lift Station Generators  
**Attachments:** NCORR Early Notice Maxton SLS Generators 6.7.23.pdf

Hello:

Please find attached the Public Notice for HUD 24 CFR §55.20(b) - *Early Notice and Public Review of a Proposed Activity in a 100-year Floodplain* publishing June 7, 2023 for the NCORR Infrastructure Recovery Program's Town of Maxton Sewer Lift Station Generators proposed project in the Town of Maxton, Robeson County, NC. 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](mailto:Andrea.L.Gievers@Rebuild.NC.Gov)  
(845) 682-1700



## Gievers, Andrea

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**From:** Gievers, Andrea  
**Sent:** Wednesday, June 7, 2023 11:08 AM  
**To:** State Clearinghouse  
**Cc:** Best, Crystal  
**Subject:** Public Notice - Early Notice - Town of Maxton Sewer Lift Station Generators  
**Attachments:** NCORR Early Notice Maxton SLS Generators 6.7.23.pdf

Hello:

Please find attached the Public Notice for HUD 24 CFR §55.20(b) - *Early Notice and Public Review of a Proposed Activity in a 100-year Floodplain* publishing June 7, 2023 for the NCORR Infrastructure Recovery Program's Town of Maxton Sewer Lift Station Generators proposed project in the Town of Maxton, Robeson County, NC. 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](mailto:Andrea.L.Gievers@Rebuild.NC.Gov)  
(845) 682-1700

## Gievers, Andrea

---

**From:** Gievers, Andrea  
**Sent:** Wednesday, June 7, 2023 11:09 AM  
**To:** Blue; Kellie  
**Subject:** Public Notice - Early Notice - Town of Maxton Sewer Lift Station Generators  
**Attachments:** NCORR Early Notice Maxton SLS Generators 6.7.23.pdf

Hello:

Please find attached the Public Notice for HUD 24 CFR §55.20(b) - *Early Notice and Public Review of a Proposed Activity in a 100-year Floodplain* publishing June 7, 2023 for the NCORR Infrastructure Recovery Program's Town of Maxton Sewer Lift Station Generators proposed project in the Town of Maxton, Robeson County, NC. 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](mailto:Andrea.L.Gievers@Rebuild.NC.Gov)  
(845) 682-1700

## Gievers, Andrea

---

**From:** Gievers, Andrea  
**Sent:** Wednesday, June 7, 2023 11:10 AM  
**To:** tammy.freeman@co.robeson.nc.us  
**Subject:** Public Notice - Early Notice - Town of Maxton Sewer Lift Station Generators  
**Attachments:** NCORR Early Notice Maxton SLS Generators 6.7.23.pdf

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[Andrea.L.Gievers@Rebuild.NC.Gov](mailto:Andrea.L.Gievers@Rebuild.NC.Gov)  
(845) 682-1700

## Gievers, Andrea

---

**From:** Gievers, Andrea  
**Sent:** Wednesday, June 7, 2023 11:12 AM  
**To:** myron.neville@co.robeson.nc.us  
**Subject:** Public Notice - Early Notice - Town of Maxton Sewer Lift Station Generators  
**Attachments:** NCORR Early Notice Maxton SLS Generators 6.7.23.pdf

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NC Office of Recovery and Resiliency  
[Andrea.L.Gievers@Rebuild.NC.Gov](mailto:Andrea.L.Gievers@Rebuild.NC.Gov)  
(845) 682-1700

## Gievers, Andrea

---

**From:** Gievers, Andrea  
**Sent:** Wednesday, June 7, 2023 11:13 AM  
**To:** Jan Maynor  
**Subject:** Public Notice - Early Notice - Town of Maxton Sewer Lift Station Generators  
**Attachments:** NCORR Early Notice Maxton SLS Generators 6.7.23.pdf

Hello:

Please find attached the Public Notice for HUD 24 CFR §55.20(b) - *Early Notice and Public Review of a Proposed Activity in a 100-year Floodplain* publishing June 7, 2023 for the NCORR Infrastructure Recovery Program's Town of Maxton Sewer Lift Station Generators proposed project in the Town of Maxton, Robeson County, NC. Please feel free to contact me if you have any questions. Thank you for your time and assistance.

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NC Office of Recovery and Resiliency  
[Andrea.L.Gievers@Rebuild.NC.Gov](mailto:Andrea.L.Gievers@Rebuild.NC.Gov)  
(845) 682-1700

## Gievers, Andrea

---

**From:** Gievers, Andrea  
**Sent:** Wednesday, June 7, 2023 11:13 AM  
**To:** mayor@ci.maxton.nc.us  
**Subject:** Public Notice - Early Notice - Town of Maxton Sewer Lift Station Generators  
**Attachments:** NCORR Early Notice Maxton SLS Generators 6.7.23.pdf

Hello:

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NC Office of Recovery and Resiliency  
[Andrea.L.Gievers@Rebuild.NC.Gov](mailto:Andrea.L.Gievers@Rebuild.NC.Gov)  
(845) 682-1700



## Gievers, Andrea

---

**From:** Gievers, Andrea  
**Sent:** Wednesday, June 7, 2023 11:14 AM  
**To:** clerk@ci.maxton.nc.us  
**Subject:** Public Notice - Early Notice - Town of Maxton Sewer Lift Station Generators  
**Attachments:** NCORR Early Notice Maxton SLS Generators 6.7.23.pdf

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Environmental SME  
Community Development  
NC Office of Recovery and Resiliency  
[Andrea.L.Gievers@Rebuild.NC.Gov](mailto:Andrea.L.Gievers@Rebuild.NC.Gov)  
(845) 682-1700

**FedEx** **NEW** Package Express **US Airbill** FedEx Tracking Number **8050 4421 7460**

**1 From** Please print and press hard. Sender's FedEx Account Number **8950-9899-0**

Date **6/7/23**

Sender's Name **Andrea Gievers** Phone **(845) 682-1700**

Company **NCORR**

Address **123 Kings Hill Road** Dept./Floor/Suite/Room

City **Walden** State **NY** ZIP **12586**

**2 Your Internal Billing Reference** **Maxton EN**

First 24 characters will appear on invoice.

**3 To** Recipient's Name **Mr. John Blevins** Phone ( )

Company **USEPA, Region 4**

Address **980 College Station Road** Dept./Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address

Use this line for the HOLD location address or for continuation of your shipping address.

City **Athens** State **GA** ZIP **30605-2720**

**Easy new Peel-and-Stick airbill. No pouch needed.**  
Apply airbill directly to your package. See directions on back.

Form ID No. **0200** **Sender's Copy**

**4 Express Package Service** \*To most locations. **NOTE: Service order has changed. Please select carefully.** Packages up to 150 lbs. For packages over 150 lbs., use the new FedEx Express Freight US Airbill.

**Next Business Day**

☐ FedEx First Overnight  
Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

☐ FedEx Priority Overnight  
Next business morning.\* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

☐ FedEx Standard Overnight  
Next business afternoon.\* Saturday Delivery NOT available.

**2 or 3 Business Days**

☐ FedEx 2Day A.M.  
Second business morning.\* Saturday Delivery NOT available.

☒ FedEx 2Day  
Second business afternoon.\* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

☐ FedEx Express Saver  
Third business day.\* Saturday Delivery NOT available.

**5 Packaging** \*Declared value limit \$500.

☐ FedEx Envelope\* ☐ FedEx Pak\* ☐ FedEx Box ☐ FedEx Tube ☐ Other

**6 Special Handling and Delivery Signature Options**

☐ SATURDAY Delivery  
NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

☐ No Signature Required  
Package may be left without obtaining a signature for delivery.

☐ Direct Signature  
Someone at recipient's address may sign for delivery. Fee applies.

☐ Indirect Signature  
If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. Fee applies.

**Does this shipment contain dangerous goods?**  
One box must be checked.

☐ No ☐ Yes As per attached Shipper's Declaration. ☐ Yes Shipper's Declaration not required. ☐ Dry Ice Dry ice, 9 UN 1845 x kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box. ☐ Cargo Aircraft Only

**7 Payment Bill to:** Enter FedEx Acct. No. or Credit Card No. below.

☐ Sender Acct. No. in Section 1 will be billed. ☐ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check

FedEx Acct. No. Credit Card No. Exp. Date

Total Packages Total Weight Total Declared Value\*

lbs. \$ .00

\*Our liability is limited to US\$100 unless you declare a higher value. See back for details. By using this Airbill you agree to the service conditions on the back of this Airbill and in the current FedEx Service Guide, including terms that limit our liability.

Rev. Date 1/12 • Part #167002 • ©2012 FedEx • PRINTED IN U.S.A. SRF

**644**

**FedEx** **NEW** Package Express **US Airbill** FedEx Tracking Number **8050 4421 7471**

**1 From** Please print and press hard. Sender's FedEx Account Number **8950-9899-0**

Date **6/7/23**

Sender's Name **Andrea Gievers** Phone **(845) 682-1700**

Company **NCORR**

Address **123 Kings Hill Road** Dept./Floor/Suite/Room

City **Walden** State **NY** ZIP **12586**

**2 Your Internal Billing Reference** **Maxton EN**

First 24 characters will appear on invoice.

**3 To** Recipient's Name **Ms. Gracia B. Szezech** Phone ( )

Company **FEMA, Region 4**

Address **3003 Chamblee Tucker Road** Dept./Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address

Use this line for the HOLD location address or for continuation of your shipping address.

City **Atlanta** State **GA** ZIP **30341**

**Easy new Peel-and-Stick airbill. No pouch needed.**  
Apply airbill directly to your package. See directions on back.

Form ID No. **0200** **Sender's Copy**

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☒ FedEx 2Day  
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☐ No ☐ Yes As per attached Shipper's Declaration. ☐ Yes Shipper's Declaration not required. ☐ Dry Ice Dry ice, 9 UN 1845 x kg

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☐ Sender Acct. No. in Section 1 will be billed. ☐ Recipient ☐ Third Party ☐ Credit Card ☐ Cash/Check

FedEx Acct. No. Credit Card No. Exp. Date

Total Packages Total Weight Total Declared Value\*

lbs. \$ .00

\*Our liability is limited to US\$100 unless you declare a higher value. See back for details. By using this Airbill you agree to the service conditions on the back of this Airbill and in the current FedEx Service Guide, including terms that limit our liability.

**644**

### **APPENDIX 3**

- **Combined FONSI/NOI-RROF/ Final Notice and Public Explanation of a Proposed Activity in a 100-year Floodplain and Wetland**
- **Affidavit for Publication of Final Notice *(to be added)***
- **Distribution List to Interested Agencies, Groups and Individuals**
- **Final Notice Comments and Response *(to be added)***





# North Carolina Department of Public Safety

## Office of Recovery and Resiliency

Roy Cooper, Governor  
Eddie M. Buffaloe, Jr., Secretary

Laura H. Hogshead, Director

### PUBLIC NOTICE

#### **COMBINED NOTICE OF FINDING OF NO SIGNIFICANT IMPACT (FONSI), NOTICE OF INTENT TO REQUEST RELEASE OF FUNDS (NOI-RROF), AND FINAL NOTICE AND PUBLIC EXPLANATION OF A PROPOSED ACTIVITY IN A 100-YEAR FLOODPLAIN**

#### **MAXTON SEWER LIFT STATION GENERATORS FOUR EXISTING SEWER LIFT STATIONS IN MAXTON, ROBESON COUNTY, NORTH CAROLINA 28364**

**July 1, 2023**

To: All interested Agencies, Groups and Individuals

**Name of Responsible Entity and Recipient:** North Carolina Office of Recovery and Resiliency (NCORR), P.O. Box 110465, Durham, NC 27709. Contact: Director Laura Hogshead (984) 833-5350.

Pursuant to 24 CFR 58.43, this combined notice of Finding of No Significant Impact (FONSI), Notice of Intent to Request Release of Funds (NOI-RROF), and Final Notice and Public Explanation of a Proposed Activity in a 100-Year Floodplain satisfies three separate procedural requirements for project activities proposed to be undertaken by NCORR.

**Project Description:** NCORR is responsible for the direct administration of the United States Department of Housing and Urban Development (HUD) Community Development Block Grant – Mitigation (CDBG-MIT) program in North Carolina. NCORR proposes to provide CDBG-MIT funding of \$688,600.00 from the Infrastructure Recovery Program to implement the Town of Maxton Sewer Lift Station Generators project (“Proposed Activity”). The Proposed Activity entails the purchase of four generator packages, including integrated diesel fuel tanks, automatic transfer switching (ATS), wiring connections, electrical panels, mounting pads, and generators and installation at four existing sewer lift stations (SLS) in Maxton. The Proposed Activity is anticipated to have a total cost of \$688,600.00. Maxton SLS No. 5 is a 0.41-acre parcel located at 303 N. Hooper Street, Maxton, NC 28364. Maxton SLS No. 7 is a 0.33-acre parcel located at 904 US 74 BUS, Maxton, NC 28364. Maxton SLS No. 10 is a 0.47 acre-parcel located at 627 NC Highway 71N, Maxton, NC 28364. Maxton SLS No. 11 is a 1.43-acre parcel located at 2074 NC

**Mailing Address:**  
Post Office Box 110465  
Durham, NC 27709



**Phone:** (984) 833-5350  
[www.ncdps.gov](http://www.ncdps.gov)  
[www.rebuild.nc.gov](http://www.rebuild.nc.gov)

*An Equal Opportunity Employer*

Highway 71N, Maxton, NC 28364. SLS No. 7 is the only site where the existing fence will be extended to accommodate the generator placement. At all sites, generator equipment will be placed on concrete pads above surrounding ground elevation with SLS No. 11 improvements placed at least two feet above base flood elevation (BFE).

The State of North Carolina was adversely impacted by the landfall of Hurricanes Matthew (October 8, 2016) and Florence (September 14, 2018). Hurricane Matthew caused widespread power outages in Maxton and throughout Robeson County causing functional failures at all eleven sewer lift stations, which resulted in waste backups throughout the Town's sewer system due to the lack of auxiliary power availability at the sewer lift stations. The presence of auxiliary power capability at even four of the lift station sites would have offset the harmful effects of primary power loss; however, the Town did not have generators, either fixed or mobile, available for use, until days following the storm. These four sewer lift stations have been prioritized as sites requiring auxiliary power sources and ATS capability. The generators will provide auxiliary power at the four sewer lift stations during power outages, such as those experienced during Hurricane Matthew. Providing this critical infrastructure will ensure that sewage treatment may continue in the event of loss of primary power and alleviate severe threats to public welfare during and after future storm events.

#### **PUBLIC EXPLANATION OF A PROPOSED ACTIVITY IN A 100-YEAR FLOODPLAIN**

NCORR has conducted an evaluation as required by EO 11988, in accordance with HUD regulations at 24 CFR 55.20 Subpart C Procedures for Making Determinations on Floodplain Management and Protection of Wetlands. The Proposed Activity will result in temporary impacts to 0.03 acres of 100-Year Floodplain and permanent impacts to 0.002 acres of 100-Year Floodplain (Zone AE). These impacts will include site preparation and installation of the ATS adjacent to the new control panel and circuit breaker equipment, 6 feet above-grade, and connected to the generator equipment set via underground conduit. The generator package and electrical panels and circuitry will be mounted on a steel frame 2 feet above BFE. The steel frame will be mounted on steel posts, anchored 4 feet below current grade. Electrical connections from the control panel and ATS equipment will be made at the terminating panels within the lift station via underground conduit, installed by directional drilling.

NCORR has considered the alternatives and mitigation measures to be taken to minimize adverse impacts and to restore and preserve natural and beneficial values. The Proposed Activity must be performed at the existing sewer lift stations, and project designs have been completed in accordance with agency input to minimize impacts to the floodplain, environment and community. Native plants will be used in site restoration. The Proposed Activity will comply with a Floodplain Development Permit and all applicable federal, State and local laws, regulations, and permit requirements and conditions which shall be obtained before commencing work. The main alternative is the "No Action" Alternative which is not considered feasible since the Town of Maxton would continue to experience sewage backflows and lack of sewage treatment capacity in the Town's WWTP's service area during storm events. Floodplains are beneficial by providing natural moderation of floods, surface water quality maintenance, groundwater recharge, diverse wildlife habitat, cultural resources (archaeological, historic, and recreational), and agricultural, aquacultural, and forestry resources. The Proposed Activity is occurring at regularly maintained,

mowed parcels with fenced-in sewer lift stations. Due to the previous, significant site modification including fill and development for the sewer lift station, there will be minimal impacts on the natural and beneficial functions and values of the 100-Year Floodplain at SLS No. 11. The SLS No. 11 site contains approximately 1.23 acres of 100-Year Floodplain and project activities will not result in additional fill within the 100-Year Floodplain. Overall, the functions and values associated with the impacted floodplain are limited due to site conditions (previous site modification, regular site maintenance, fencing) and the small area impacted. Thus, the Proposed Activity and site locations are the most suitable, feasible options selected by the Town of Maxton to protect its residents and community during future storm events.

Since the proposed action will modify floodplain, EO 11988 requires that the Proposed Activity not be supported if there are practicable alternatives to floodplain impacts. NCORR has reevaluated the alternatives to modification of floodplain, and has determined that it has no practicable alternative. The 8-step process has been documented in the EO 11988 Floodplain Management Determination which is available for viewing and copying as described below in Public Review.

There are three primary purposes for this notice. First, people who may be affected by activities in floodplains and those who have an interest in the protection of the natural environment are given an opportunity to express their concerns and provide information about these areas. Second, adequate public notice is an important public education tool. The dissemination of information and request for public comment about floodplains can facilitate and enhance federal efforts to reduce the risks and impacts associated with the occupancy and modification of these special areas. Third, as a matter of fairness, when the federal government determines it will participate in actions taking place in floodplains, it must inform those who may be put at greater or continued risk.

### **FINDING OF NO SIGNIFICANT IMPACT**

An Environmental Assessment (EA) for the Proposed Activity has been prepared in accordance with the National Environmental Policy Act of 1969 (NEPA) and HUD environmental review regulations at 24 CFR Part 58. The EA is incorporated by reference into this FONSI. Subject to public comments, no further review of the Proposed Activity is anticipated. NCORR has determined that the EA for the project identified herein complies with the requirements of HUD environmental review regulations at 24 CFR Part 58. NCORR has determined that the Proposed Activity will have no significant impact on the human environment and, therefore, does not require the preparation of an environmental impact statement under NEPA.

**Public Review:** Public viewing of the EA (environmental review record) and EO 11988 Floodplain Management Determination is available online at <https://www.rebuild.nc.gov/about/plans-policies-reports/environmental-reviews>. Documents may also be viewed in person by appointment only at: NCORR, 200 Park Offices Drive, Durham, NC 27709. Call (984) 833-5350 to make an appointment.

Further information may be requested by writing to the above address, emailing [publiccomments@rebuild.nc.gov](mailto:publiccomments@rebuild.nc.gov) or calling (984) 833-5350. This combined notice is being sent to individuals and groups known to be interested in these activities, local news media, appropriate local, state and federal agencies, the regional office of the U.S. Environmental Protection Agency



having jurisdiction, and the HUD Field Office, and is being published in a newspaper of general circulation in the affected community.

**Public Comments on the Proposed Activity within Floodplain, FONSI and/or NOIRROF:**

Any individual, group or agency may submit written comments on the Proposed Activity. The public is hereby advised to specify in their comments which “notice” their comments address. Comments should be submitted via email, in the proper format, on or before July 17, 2023 at [publiccomments@rebuild.nc.gov](mailto:publiccomments@rebuild.nc.gov). Written comments may also be submitted by mail, in the proper format, to be received on or before July 17, 2023, and addressed to: Laura Hogshead, Director, NCORR, ATTN: Maxton Sewer Lift Station Generators, P.O. Box 110465, Durham, NC 27709. All comments must be received on or before July 17, 2023 or they will not be considered. If modifications result from public comment, these will be made prior to proceeding with the submission of a request for release of funds.

**REQUEST FOR RELEASE OF FUNDS AND CERTIFICATION**

On or after July 18, 2023, the NCORR certifying officer will submit a request and certification to HUD for the release of CDBG-MIT funds as authorized by related laws and policies for the purpose of implementing this part of the North Carolina CDBG-MIT program.

NCORR certifies to HUD that Laura Hogshead, in her capacity as Certifying Officer, consents to accept the jurisdiction of the U.S. federal courts if an action is brought to enforce responsibilities in relation to the environmental review process and that these responsibilities have been satisfied. HUD’s approval of the certification satisfies its responsibilities under NEPA and related laws and authorities, and allows NCORR to use CDBG-MIT program funds.

**Objection to Release of Funds:** HUD will accept objections to its release of funds and NCORR’s certification for a period of fifteen days following the anticipated submission date or its actual receipt of the request (whichever is later). Potential objectors may contact HUD or the NCORR Certifying Officer to verify the actual last day of the objection period.

The only permissible grounds for objections claiming a responsible entity’s non-compliance with 24 CFR Part 58 are: (a) Certification was not executed by NCORR’s Certifying Officer; (b) the responsible entity has omitted a step or failed to make a decision or finding required by HUD regulations at 24 CFR Part 58; (c) the grant recipient or other participants in the development process have committed funds, incurred costs or undertaken activities not authorized by 24 CFR Part 58 before HUD’s release of funds and approval of environmental certification; or (d) another federal agency acting pursuant to 40 CFR Part 1504 has submitted a written finding that the project is unsatisfactory from the standpoint of environmental quality.

Objections must be prepared and submitted in accordance with the required procedures (24 CFR 58.76) and shall be addressed to Tennille Smith Parker, Director, Disaster Recovery and Special Issues Division, Office of Block Grant Assistance, U.S. Department of Housing & Urban Development, 451 7<sup>th</sup> Street SW, Washington, DC 20410, Phone: (202) 402-4649, or emailed to [disaster\\_recovery@hud.gov](mailto:disaster_recovery@hud.gov).

Laura Hogshead

Certifying Officer  
July 1, 2023

***FONSI/NOI-RROF/FINAL NOTICE FLOODPLAIN DISTRIBUTION LIST***

**TOWN OF MAXTON SEWER LIFT STATION GENERATORS**

**FOUR EXISTING SEWER LIFT STATIONS IN MAXTON, ROBESON COUNTY, NORTH  
CAROLINA 28364**

Published in The Robesonian on 7/1/23, comments end 7/17/23

**FEDERAL AGENCIES**

<b>Agency</b>	<b>Name &amp; Address</b>	<b>Method</b>
<b>HUD NC</b>	Mr. Lenwood E. Smith, II Environmental Protection Specialist Greensboro Field Office U.S. Dept. of Housing and Urban Development 1500 Pinecroft Road, Suite 401 Greensboro, NC 27407-3838	<a href="mailto:Lenwood.E.Smith@hud.gov">Lenwood.E.Smith@hud.gov</a>
<b>FEMA, Region IV</b>	Ms. Gracia B. Szczech, Regional Administrator U.S. Dept. of Homeland Security FEMA, Region IV 3003 Chamblee Tucker Road Atlanta, GA 30341	FedEx
<b>FEMA ATTN: 11988</b>	<i>Hard copies may also be mailed to</i> Attn: 11990/NEPA Reviewer (EHP) DHS/FEMA RIV 3003 Chamblee Tucker Road Atlanta, GA 30341	<a href="mailto:FEMA-R4EHP@fema.dhs.gov">FEMA-R4EHP@fema.dhs.gov</a> with the subject line <b>REVIEW REQUEST: 11998/NEPA</b>
<b>US EPA, Region 4</b>	Mr. John Blevins, Acting Regional Administrator U.S. EPA, Region 4 Laboratory Services & Applied Science Div. 980 College Station Road Athens, GA 30605-2720	FedEx
<b>US EPA, Region 4</b>	Ms. Ntale Kajumba, NEPA Coordinator U.S. EPA, Region 4 Laboratory Services & Applied Science Div. 980 College Station Road Athens, GA 30605-2720	<a href="mailto:Kajumba.ntale@epa.gov">Kajumba.ntale@epa.gov</a>
<b>USFWS – Raleigh Field Office</b>	USFWS – Raleigh Field Office ATTN: John Ellis P.O. Box 33726 Raleigh, NC 27636 ph.: 919-856-4520, ext. 26	<a href="mailto:john_ellis@fws.gov">john_ellis@fws.gov</a> cc: <a href="mailto:leigh_mann@fws.gov">leigh_mann@fws.gov</a>

<b>TRIBES, NATIONS AND COMMUNITIES</b> (who asked to be notified)		
<b>Catawba Indian Nation</b>	Dr. Wenonah George Haire, THPO ATTN: THPO Archaeology Dept. Catawba Indian Nation 1536 Tom Steven Road Rock Hill, SC 29730	Does not want Notice
<b>Catawba Indian Nation</b>	Chief Bill Harris Catawba Indian Nation 996 Avenue of the Nations Rock Hill, SC 29730	Does not want Notice
<b>NC STATE AGENCIES</b>		
<b>STATE CLEARING-HOUSE</b>	Ms. Crystal Best North Carolina Department of Administration State Environmental Review Clearinghouse 1301 Mail Service Center Raleigh, North Carolina 27699-1301	<a href="mailto:State.Clearinghouse@doa.nc.gov">State.Clearinghouse@doa.nc.gov</a> <a href="mailto:crystal.best@doa.nc.gov">crystal.best@doa.nc.gov</a>
<b>LOCAL AGENCIES</b>		
<b>COUNTY</b>	Kellie Blue County Manager Robeson County. NC 550 North Chestnut Street Lumberton, NC 28358 Phone: 910-671-3022	<a href="mailto:kellie.blue@co.robeson.nc.us">kellie.blue@co.robeson.nc.us</a>
<b>COUNTY</b>	Tammy Freeman Clerk to the Board Robeson County. NC 550 North Chestnut Street Lumberton, NC 28358 Phone: 910-671-3022	<a href="mailto:tammy.freeman@co.robeson.nc.us">tammy.freeman@co.robeson.nc.us</a>
<b>COUNTY</b>	Myron Neville Director of Public Works Robeson County. NC Phone: 910-671-3488	<a href="mailto:myron.neville@co.robeson.nc.us">myron.neville@co.robeson.nc.us</a>
<b>COUNTY</b>	Jan Maynor	<a href="mailto:jmaynor2@nc.rr.com">jmaynor2@nc.rr.com</a>
<b>TOWN</b>	Mayor Paul G. Davis Town of Maxton Post Office Box 99 Maxton, NC 28364 Phone: (910) 844-5231	<a href="mailto:mayor@ci.maxton.nc.us">mayor@ci.maxton.nc.us</a>
	City Clerk Town of Maxton	

<b>TOWN</b>	Post Office Box 99 Maxton, NC 28364 Phone: (910) 844-5231	<a href="mailto:clerk@ci.maxton.nc.us">clerk@ci.maxton.nc.us</a>
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## **ATTACHMENT 11:**

### **Historic Preservation**

SHPO Response, NCORR SHPO Submission Package, HUD TDAT Results, Catawba Indian Nation Response, NCORR Catawba Indian Nation Submission Packages, and Lumbee Tribe of NC Proposed Project Notification Letter





**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.

March 7, 2023

**MEMORANDUM**

**TO:** Crystal Best  
North Carolina State Clearinghouse  
Department of Administration

[crystal.best@doa.nc.gov](mailto:crystal.best@doa.nc.gov)

**FROM:** Ramona M. Bartos, Deputy  
State Historic Preservation Officer

*RMB for Ramona M. Bartos*

**SUBJECT:** Install auxiliary power generators at four sewer lift stations, Maxton, Robeson County,  
23-E-0000-0156, ER 23-0423

Thank you for your submission of February 3, 2023, 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](mailto:environmental.review@ncdcr.gov). In all future communication concerning this project, please cite the above referenced tracking number.



# North Carolina Department of Public Safety

## Office of Recovery and Resiliency

Roy Cooper, Governor  
Eddie M. Buffaloe, Jr., Secretary

Laura H. Hogshead, Director

February 2, 2023

Ms. Renee Gledhill-Earley  
Environmental Review Coordinator  
NC State Historic Preservation Office  
4617 Mail Service Center  
Raleigh, NC 27699-4617

Sent via email to the State Environmental Clearinghouse:

[State.Clearinghouse@doa.nc.gov](mailto:State.Clearinghouse@doa.nc.gov)  
[crystal.best@doa.nc.gov](mailto:crystal.best@doa.nc.gov)

RE: State Historic Preservation Office Request for Concurrence  
Section 106 Review - HUD CDBG-DR Program  
Town of Maxton Sewer Lift Station Generators  
Four Sewer Lift Stations  
Maxton, NC 28364

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.

Area of Potential Effects (APE) under §800.16(d): We have defined the APE as the boundary of the proposed sites for construction (Subject Properties) located at the four existing Town of Maxton Sewer Lift Stations (SLS). The individual maps identifying their locations are included in **Attachment 1** for your review. Maxton **SLS No. 5** located at 303 N. Hooper Street, Maxton, NC 28364 is Town-owned, identified as Parcel ID 330601026, and consists of 0.41 acre. Maxton

**Mailing Address:**  
Post Office Box 110465  
Durham, NC 27709



*An Equal Opportunity Employer*

**Phone: (984) 833-5350**  
[www.ncdps.gov](http://www.ncdps.gov)  
[www.rebuild.nc.gov](http://www.rebuild.nc.gov)

**SLS No. 7** located at 904 US 74 BUS, Maxton, NC 28364 is Town-owned, identified as Parcel ID 33030102001, and consists of 0.33 acre. Maxton **SLS No. 10** located at 627 NC Highway 71N, Maxton, NC 28364 is Town-owned, identified as Parcel ID 11030100143, and consists of 0.47 acre. Maxton **SLS No. 11** located at 2074 NC Highway 71N, Maxton, NC 28364 is County-owned, identified as Parcel ID 110202001, and consists of approximately 1.43 acres.

The State of North Carolina was adversely impacted by the landfall of Hurricanes Matthew (October 8, 2016) and Florence (September 14, 2018). During the Hurricane Matthew storm event, the Town of Maxton lost primary power for an extended time, which adversely impacted the Town's ability to maintain its sewage treatment facility and peripheral sewer lift stations. The loss of sewage treatment capacity caused an immediately threat to the health and safety of the Town's residents and community. This proposed project will utilize CDBG-DR funding to install auxiliary power generators at four (4) sewer lift stations which move raw sewage from neighborhoods in the Town to the central processing facility, and will mitigate against potential backups and lack of capacity during future storm events. Therefore, funding for the proposed project will be provided in part by the HUD CDBG-DR North Carolina Infrastructure Recovery Program for Hurricane Matthew storm recovery activities in North Carolina.

**Proposed Project Description:** The Town of Maxton seeks to purchase and install appropriately-sized auxiliary power generators at the sites outlined above, each with automatic transfer switching capability. The proposed project site plans are included in **Attachment 2**. The four (4) generator packages will include integrated diesel fuel tanks, automatic transfer switching, wiring connections, electrical panels, mounting pads, and the generators. Robeson County, on behalf of the Town of Maxton, has procured engineering services to provide design drawings for the purchase of auxiliary power generators of varying sizes to alleviate the effects of future primary power loss, per the following:

**SLS No. 5:** One (1) 25kW, 240/120v three-phase, diesel-powered auxiliary power generator will be situated in the northwest quadrant of the property. Generator equipment will include a belly-mounted, integrated 25-gallon fuel tank, battery and charger, and control panel equipment with automatic circuit breakers. The generator will also include automatic transfer switching. In the event of primary power failure, the automatic transfer switch (ATS) will sense loss of primary power and automatically start the generator. Specifications for the ATS include a 400A, 120/240V, 60Hz voltage rating. The switch will be installed adjacent to the new control panel and circuit breaker equipment, 6' above-grade and connected to the generator equipment set via underground conduit. The generator package will be set upon a newly constructed, reinforced concrete pad, 8' x 4' x 8," with 4" of the pad below- and 4" above-grade. New electrical panels and controls will be installed on an erected power panel, attached to metal support poles, anchored 4' below-grade. Electrical connections from the generator to/from the control panel and ATS, and subsequent connections to the lift station will be via underground conduit, installed by directional drilling.

**SLS No. 7:** One (1) 40kW, 240/120v three-phase, diesel-powered auxiliary power generator will be situated in the northwest quadrant of the property. Generator equipment will include a belly-mounted, integrated 30-gallon fuel tank, battery and charger, and control panel equipment with automatic circuit breakers. The generator will also include automatic transfer switching. In the

event of primary power failure, the ATS will sense loss of primary power and automatically start the generator. Specifications for the ATS include a 400A, 120/240V, 60Hz voltage rating. The switch will be installed adjacent to the new control panel and circuit breaker equipment, 6' above-grade and connected to the generator equipment set via underground conduit. The generator package will be set upon a newly constructed, reinforced concrete pad, 8' x 4' x 8," with 4" of the pad below- and 4" above-grade. New electrical panels and controls will be installed on an erected power panel, attached to metal support poles, anchored 4' below-grade. Electrical connections from the generator to/from the control panel and ATS, and subsequent connections to the lift station will be via underground conduit, installed by directional drilling. ***SLS No. 7 is the only site where the existing fence will be extended to accommodate the generator placement on the western side of the current fence line.***

**SLS No. 10:** One (1) 60kW, 240/120v three-phase, diesel-powered auxiliary power generator will be situated in the southwest quadrant of the property. Generator equipment will include a belly-mounted, integrated 35-gallon fuel tank, battery and charger, and control panel equipment with automatic circuit breakers. The generator will also include automatic transfer switching. In the event of primary power failure, the ATS will sense loss of primary power and automatically start the generator. Specifications for the ATS include a 400A, 120/240V, 60Hz voltage rating. The switch will be installed adjacent to the new control panel and circuit breaker equipment, 6' above-grade and connected to the generator equipment set via underground conduit. The generator package will be set upon a newly constructed, reinforced concrete pad, 8' x 4' x 8," with 4" of the pad below- and 4" above-grade. New electrical panels and controls will be installed on an erected power panel, attached to metal support poles, anchored 4' below-grade. Electrical connections from the generator to/from the control panel and ATS, and subsequent connections to the lift station will be via underground conduit, installed by directional drilling.

**SLS No. 11:** One (1) 40kW, 240/120v three-phase, diesel-powered auxiliary power generator will be situated on the southern edge of the subject property. Generator equipment will include an integrated 30-gallon fuel tank, battery and charger, and control panel equipment with automatic circuit breakers. The generator will also include automatic transfer switching. In the event of primary power failure, the ATS will sense loss of primary power and automatically start the generator. Specifications for the ATS include a 400A, 120/240V, 60Hz voltage rating. The switch will be installed adjacent to the new control panel and circuit breaker equipment, 6' above-grade and connected to the generator equipment set via underground conduit. The generator package and electrical panels and circuitry will be mounted on a steel frame 2' feet above base flood elevation (BFE). The steel frame will be mounted on steel posts, anchored 4' below current grade. Electrical connections from the control panel and ATS equipment will be made at the terminating panels within the lift station via underground conduit, installed by directional drilling.

The proposed project 's 95% design drawings are included in **Attachment 2** for your review. We have made a Finding of “*No Historic Properties Affected*” pursuant to 36 CFR 800.4(d)(1) based on the following:

NCORR reviewed the National Register of Historic Places (NRHP) and North Carolina State Historic Preservation Office's (NC SHPO) HPOWEB maps and conducted site inspections for historic resources located near the Subject Properties. There are no historic sites located within 500 feet of Maxton **SLS No. 5**, 303 N. Hooper Street, Maxton, NC 28364. SLS No. 5 is located approximately 0.24 miles from the Maxton Historic District. Within 500 feet of Maxton **SLS No. 7**, 904 US 74 Business, Maxton, NC 28364, there is one historic site identified as SD RB0338: Houses & Church (Gone) on Brooklyn Street noting Church demo and replaced with new building between 1993-1998. There are no historic sites located within 500 feet of Maxton **SLS No. 10**, 627 NC Highway 71N, Maxton, NC 28364. There are no historic sites located within 500 feet of Maxton **SLS No. 11**, 2074 NC Highway 71N, Maxton, NC 28364. The results are included in **Attachment 1**. The Maxton **SLS No. 5** sewer lift station was built in 1967. Maxton **SLS Nos. 7, 10, and 11** sewer lift stations were built in 1980. The Subject Properties' site visit 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 has been sent to the Catawba Indian Nation. A notification of the proposed project has been sent to the Lumbee Tribe of NC. In accordance with Section 101(d)(6)(B) of the NHPA of 1966, as amended (16 U.S.C. 470f), and its implementing regulations, 36 CFR Part 800, this letter serves as notification of the proposed action.

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](mailto: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](mailto:Andrea.L.Gievers@Rebuild.NC.gov). Thank you for your time and assistance.

Sincerely,



Andrea Gievers, JD, MSEL, ERM  
NCORR Environmental Subject Matter Expert

**Proposed Project Enclosures:**

Attachment 1: Proposed Project Location, NRHP and NC HPOWEB Maps

Attachment 2: Proposed Project 95% Design Plans

Attachment 3: Subject Properties' Site Photographs

**Town of Maxton SLS Generators Project**

Concurrence:

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State Historic Preservation Officer

Date

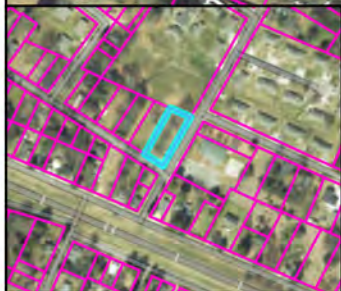


**Section 106 ATTACHMENT 1:**

**Proposed Project Location,  
NRHP and NC HPOWEB Maps**

**Maxton Sewer Lift Station No. 5**  
**303 N. Hooper Street, Maxton, NC 28364**





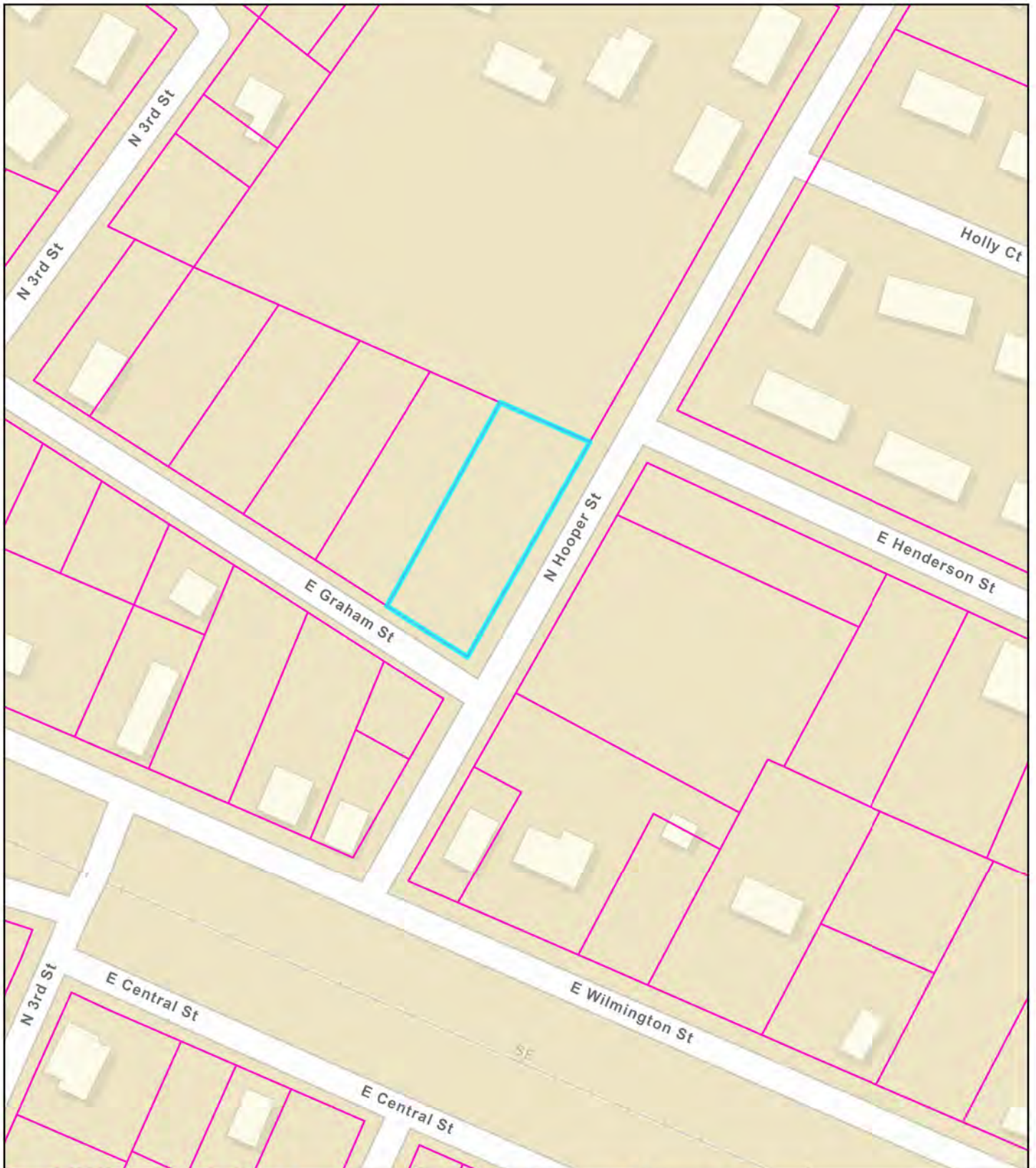
**Maxton Sewer Lift Station Generators**  
**No. 5, 303 N. Hooper Street**  
**Maxton, Robeson County, NC**

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



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Feet





**Maxton Sewer Lift Station Generators**  
**No. 5, 303 N. Hooper Street**  
**Maxton, Robeson County, NC**

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



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**Maxton Sewer Lift Station Generators**  
**No. 5, 303 N. Hooper Street**  
**Maxton, Robeson County, NC**

USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National



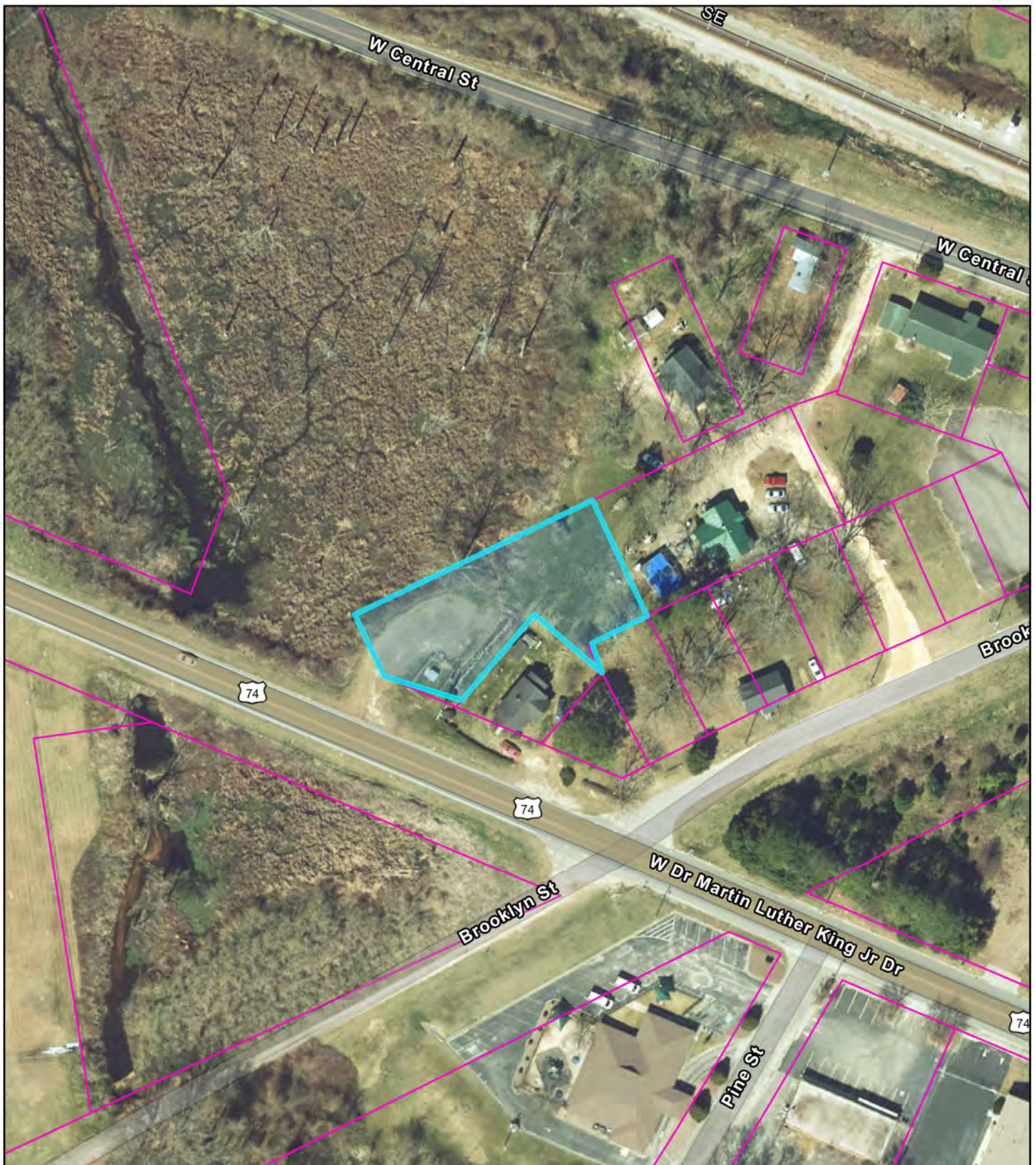
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Land Value Detail (Effective Date January 1, 2010, date of County's most recent General Reappraisal)		
Land Market Value (LMV) \$	Land Present-Use Value (PUV) \$ **	Land Total Assessed Value \$
<b>9,800</b>	<b>9,800</b>	<b>9,800</b>
** Note: If PUV equal LMV then parcel <i>has not</i> qualified for present use program		



**Maxton Sewer Lift Station No. 7**  
**904 US 74 BUS, Maxton, NC 28364**



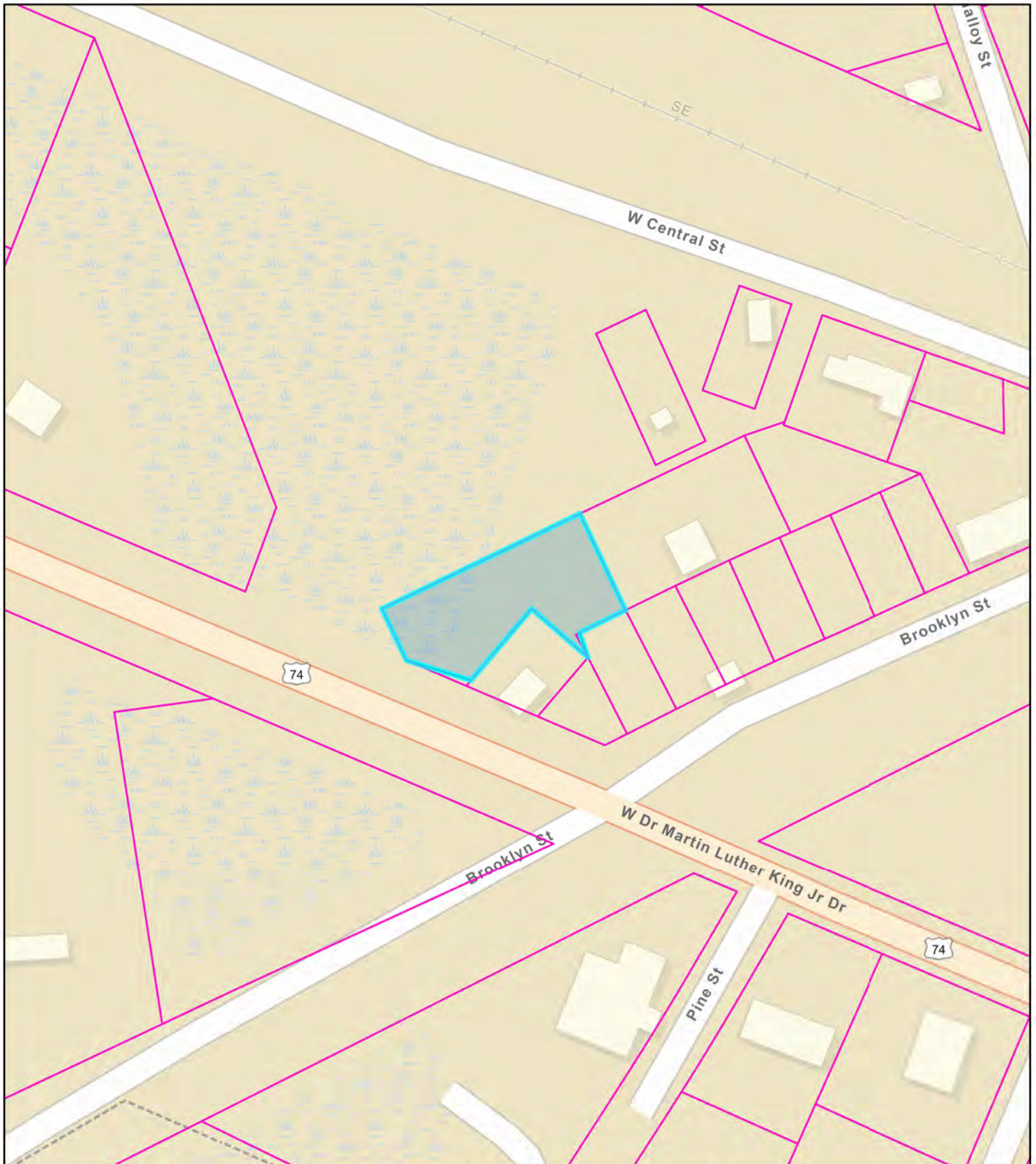
**Maxton Sewer Lift Station Generators**  
**No. 7, 904 US 74 Business**  
**Maxton, Robeson County, NC**

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



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**Maxton Sewer Lift Station Generators**  
**No. 7, 904 US 74 Business**  
**Maxton, Robeson County, NC**

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



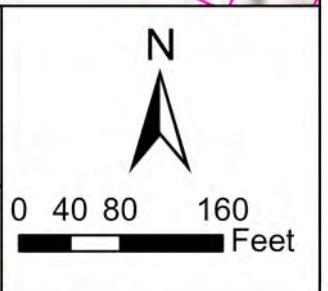
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**Maxton Sewer Lift Station Generators**  
**No. 7, 904 US 74 Business**  
**Maxton, Robeson County, NC**

USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National





**\*\* Note: If PUV equal LMV then parcel *has not* qualified for present use program**

**Maxton Sewer Lift Station No. 10**  
**627 NC Highway 71N, Maxton, NC 28364**





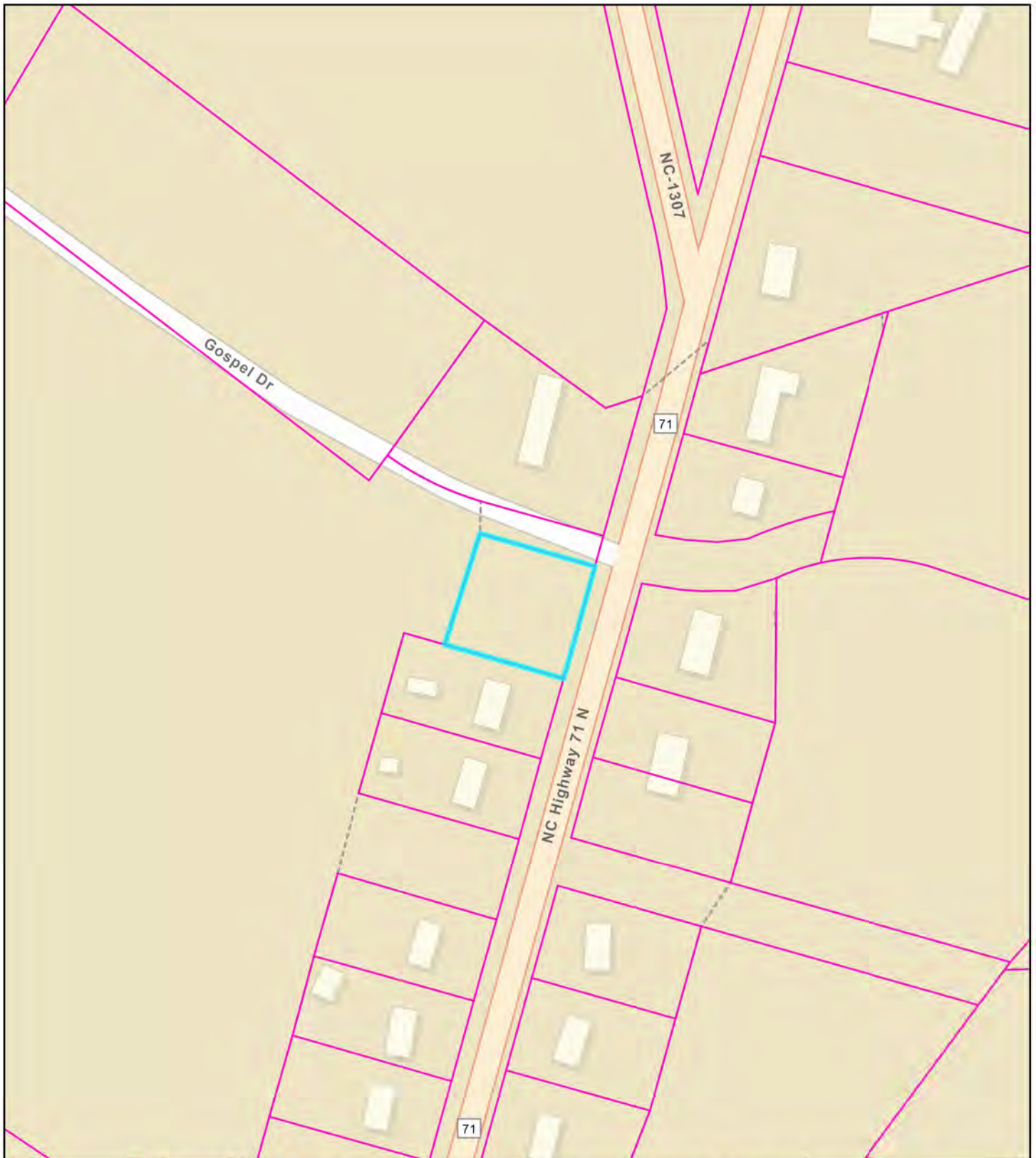
**Maxton Sewer Lift Station Generators**  
**No. 10, 627 NC Highway 71N**  
**Maxton, Robeson County, NC**

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



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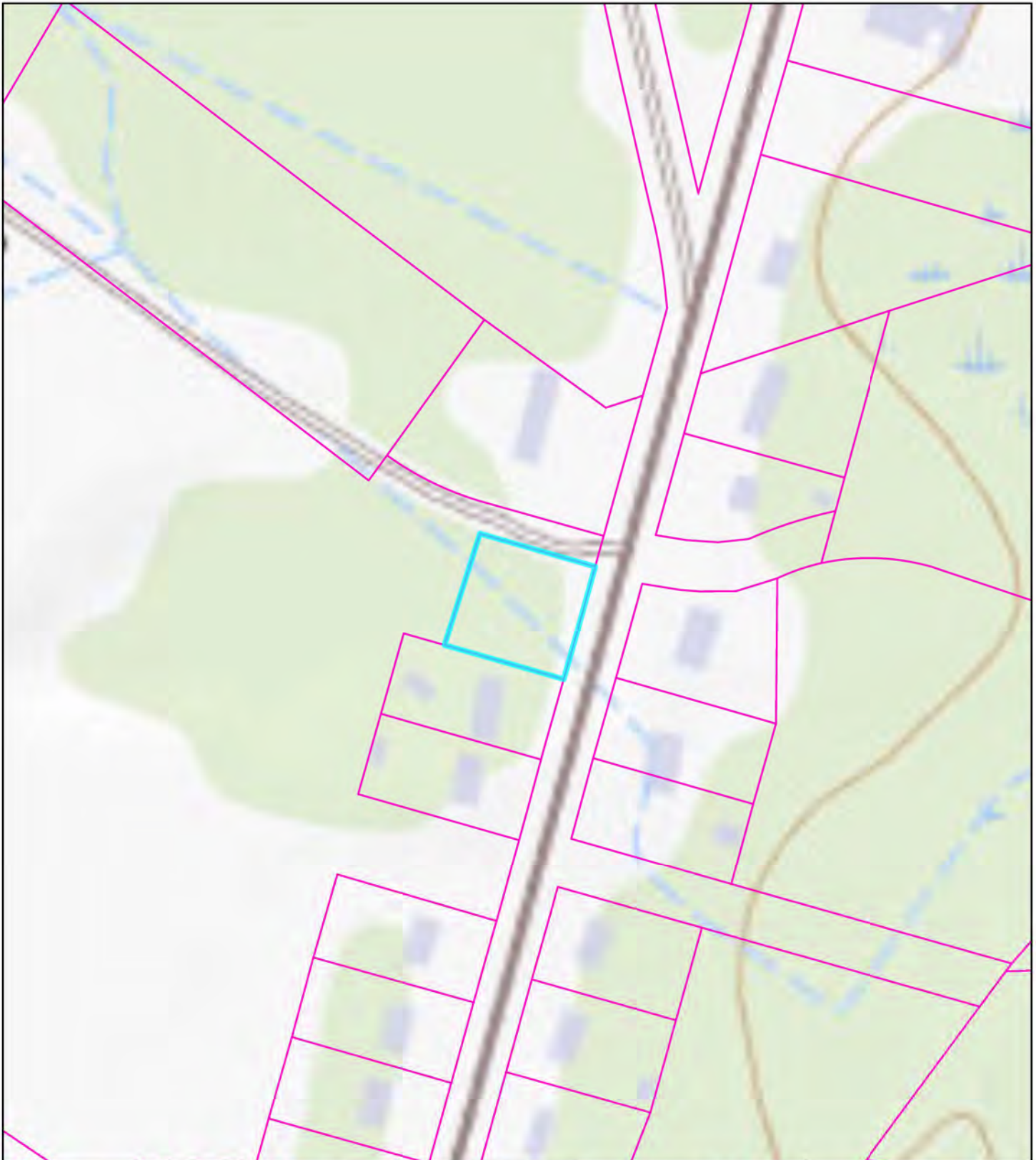


**Maxton Sewer Lift Station Generators**  
**No. 10, 627 NC Highway 71N**  
**Maxton, Robeson County, NC**

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



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Feet



**Maxton Sewer Lift Station Generators**  
**No. 10, 627 NC Highway 71N**  
**Maxton, Robeson County, NC**

USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National



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Feet



**\*\* Note: If PUV equal LMV then parcel *has not* qualified for present use program**

**Maxton Sewer Lift Station No. 11**  
**2074 NC Highway 71N, Maxton, NC 28364**





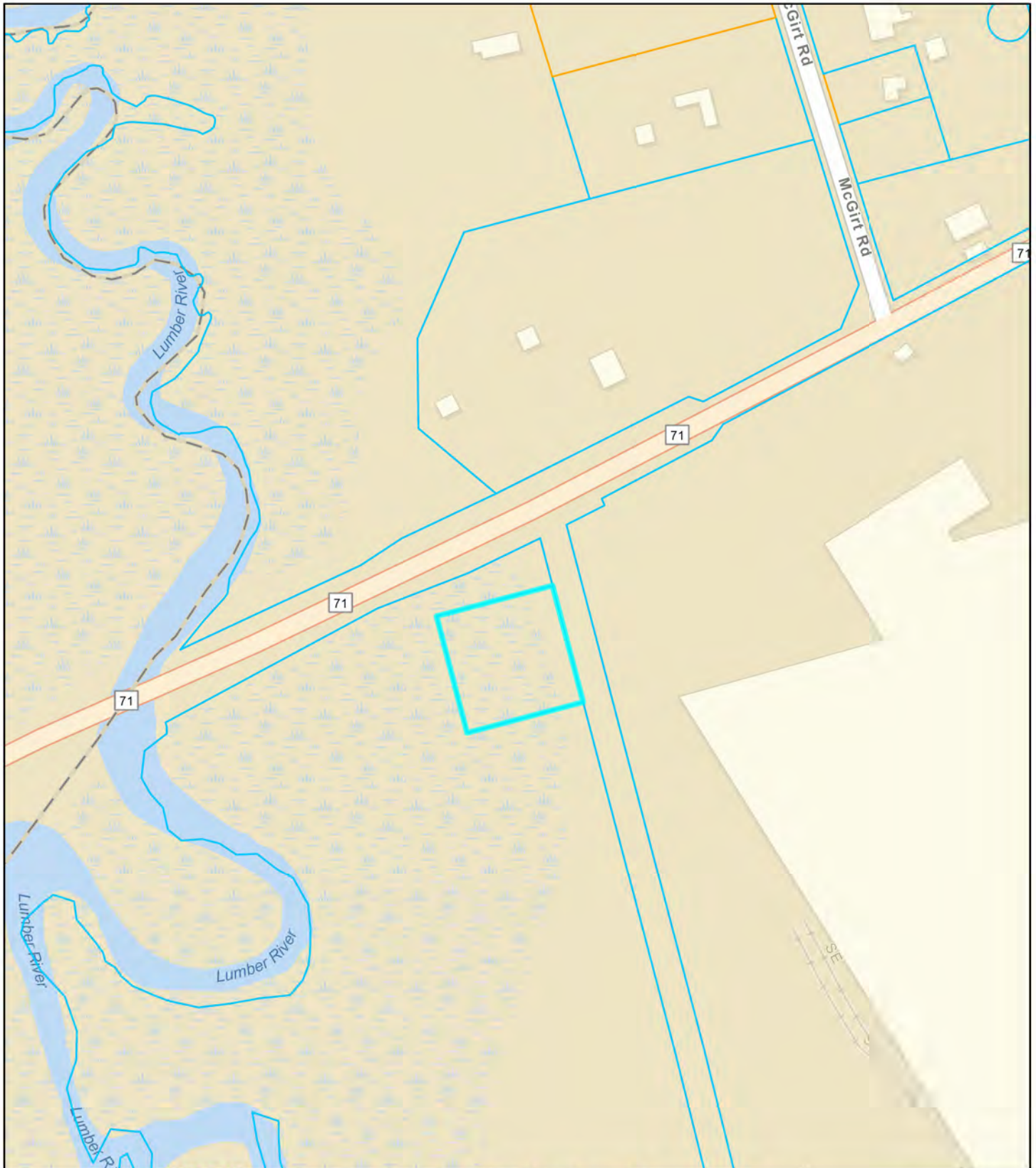
**Maxton Sewer Lift Station Generators**  
**No. 11, 2074 NC Highway 71N**  
**Maxton, Robeson County, NC**

USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National



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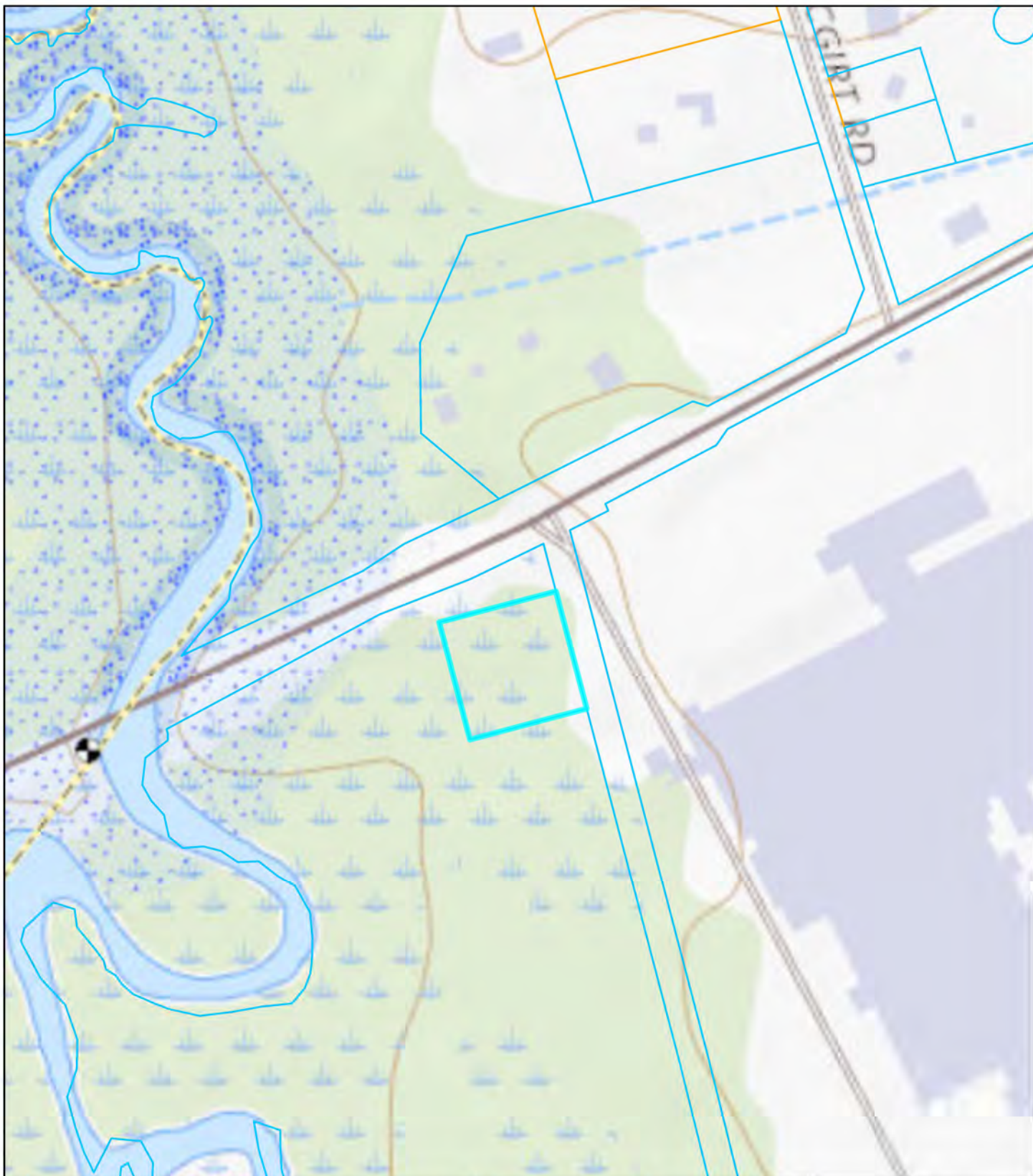
**Maxton Sewer Lift Station Generators**  
**No. 11, 2074 NC Highway 71N**  
**Maxton, Robeson County, NC**

USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National



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**Maxton Sewer Lift Station Generators**  
**No. 11, 2074 NC Highway 71N**  
**Maxton, Robeson County, NC**

USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National



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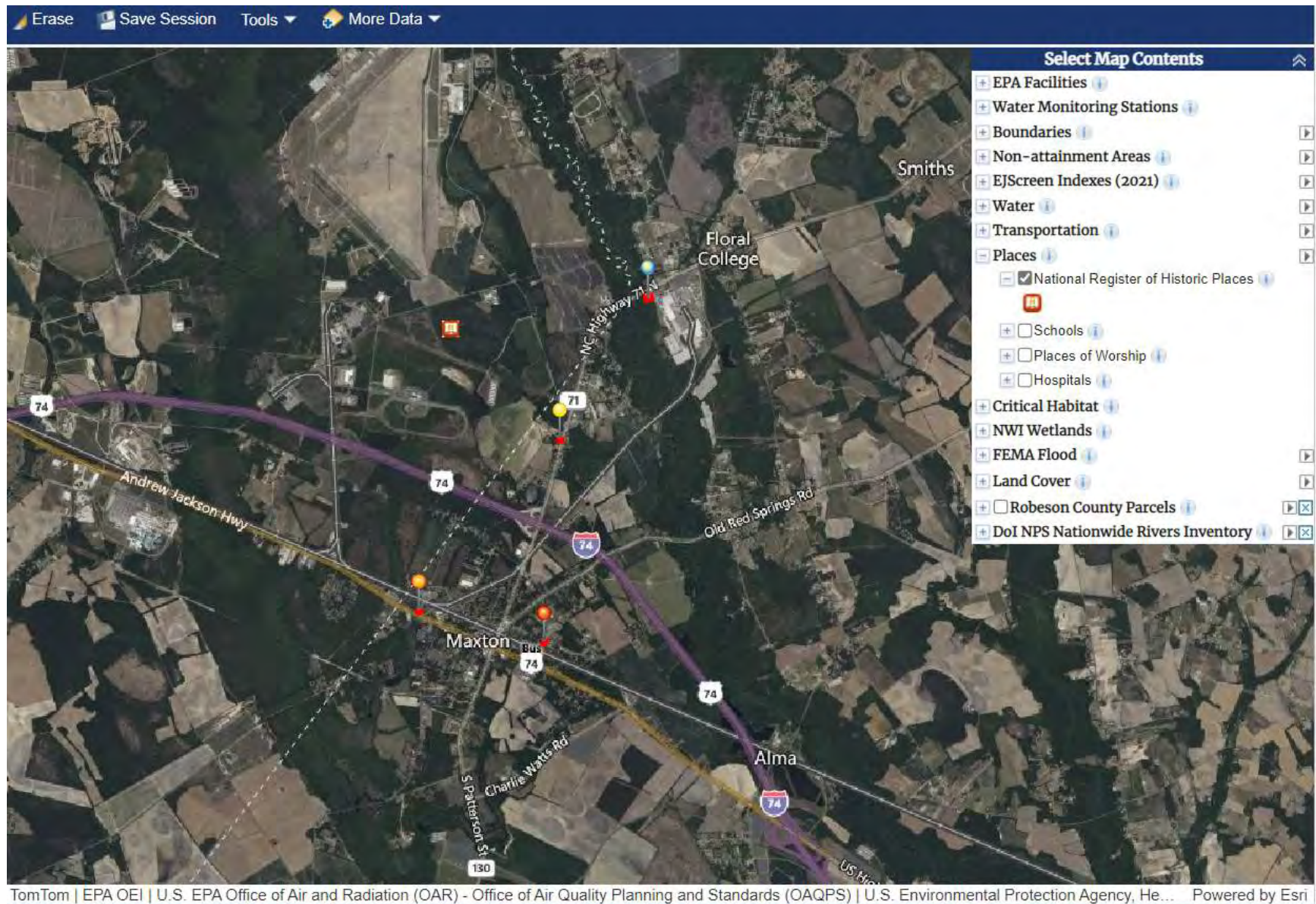


Land Value Detail (Effective Date January 1, 2010, date of County's most recent General Reappraisal)		
Land Market Value (LMV) \$	Land Present-Use Value (PUV) \$ **	Land Total Assessed Value \$
<b>12,200</b>	<b>12,200</b>	<b>12,200</b>
** Note: If PUV equal LMV then parcel <i>has not</i> qualified for present use program		

# **Historic Preservation Maps**



## Maxton Sewer Lift Station Generators – NRHP Map



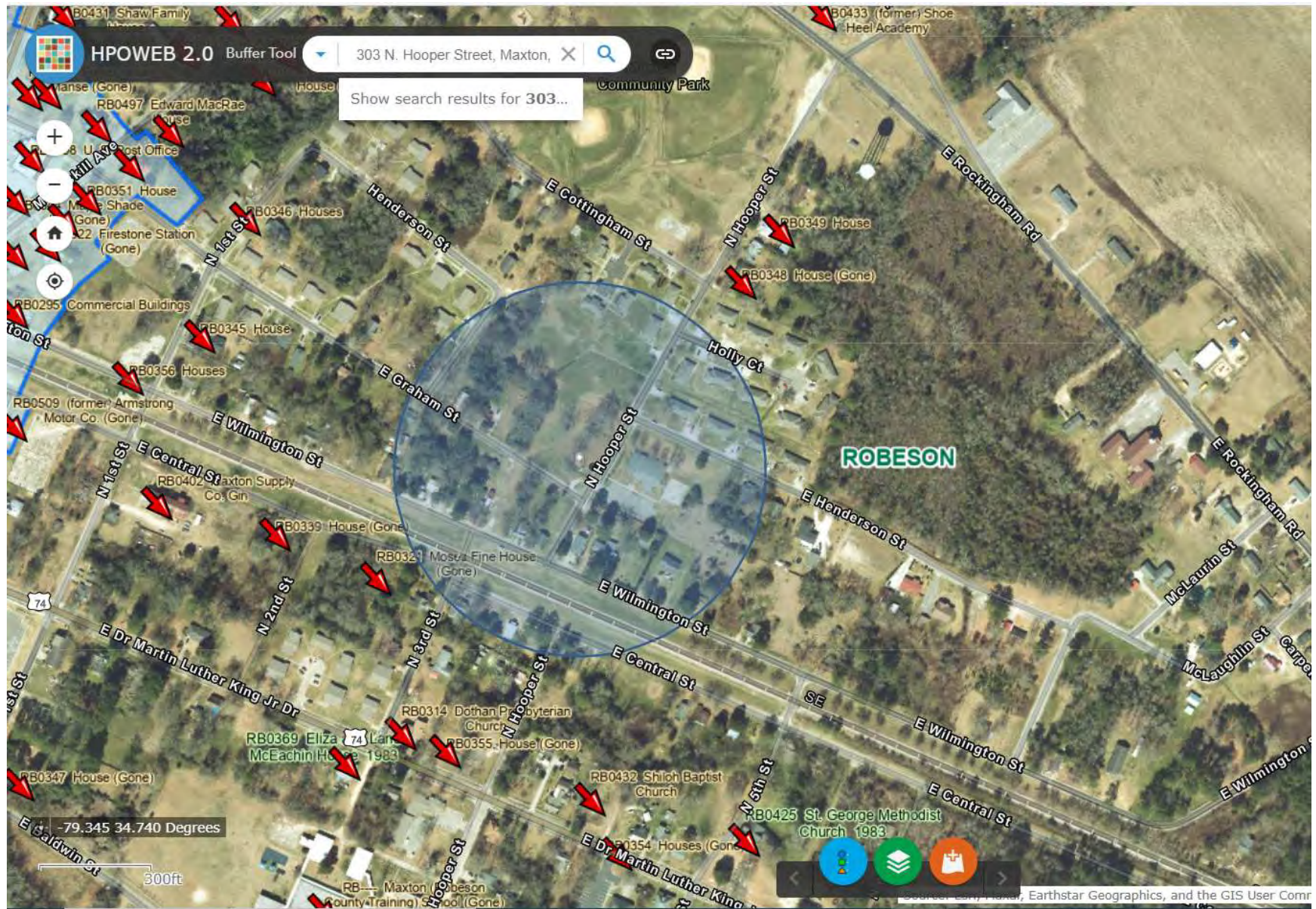
## Maxton Sewer Lift Station No. 5 – NRHP Map

### National Register of Historic Places





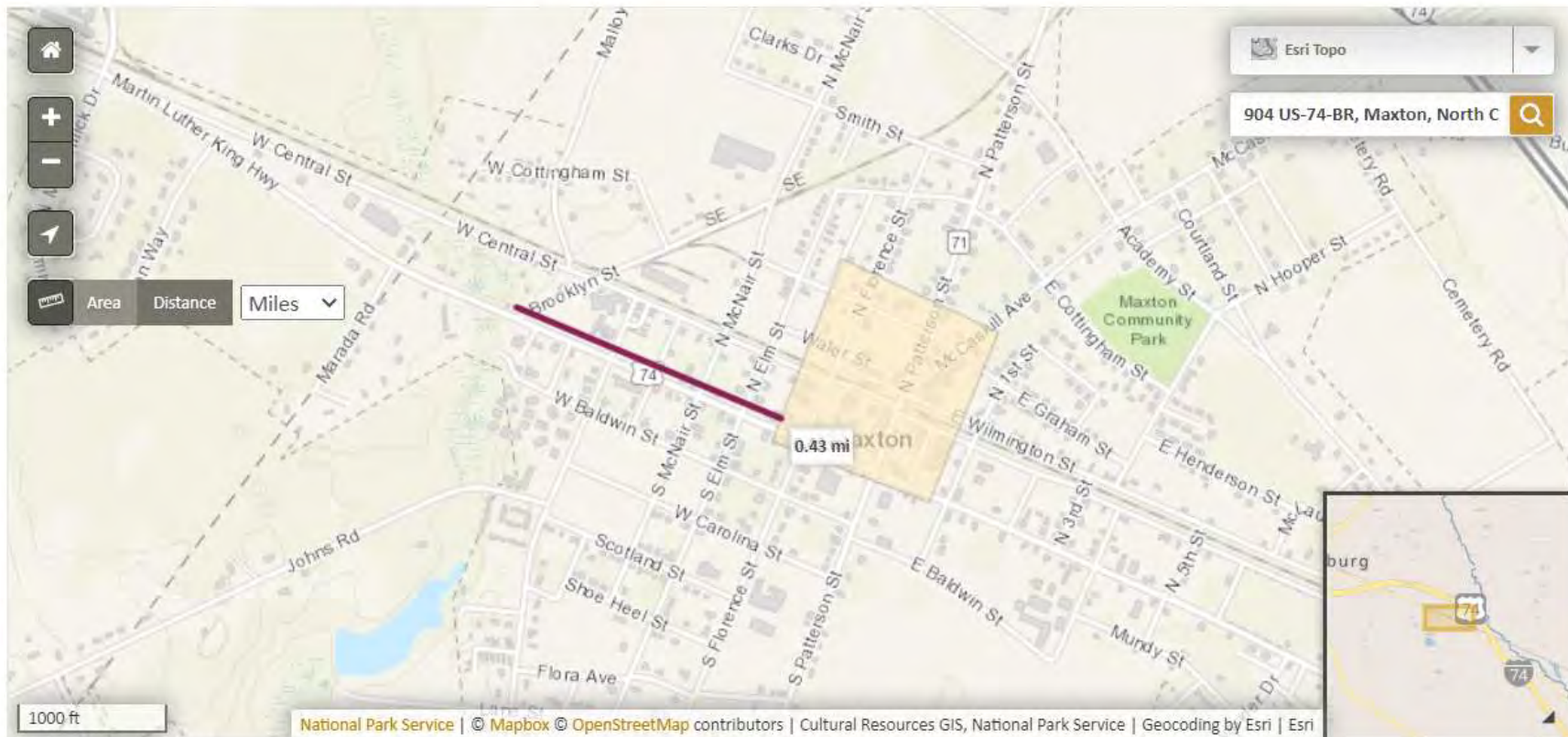
## Maxton Sewer Lift Station No. 5 – NC HPOWEB Map





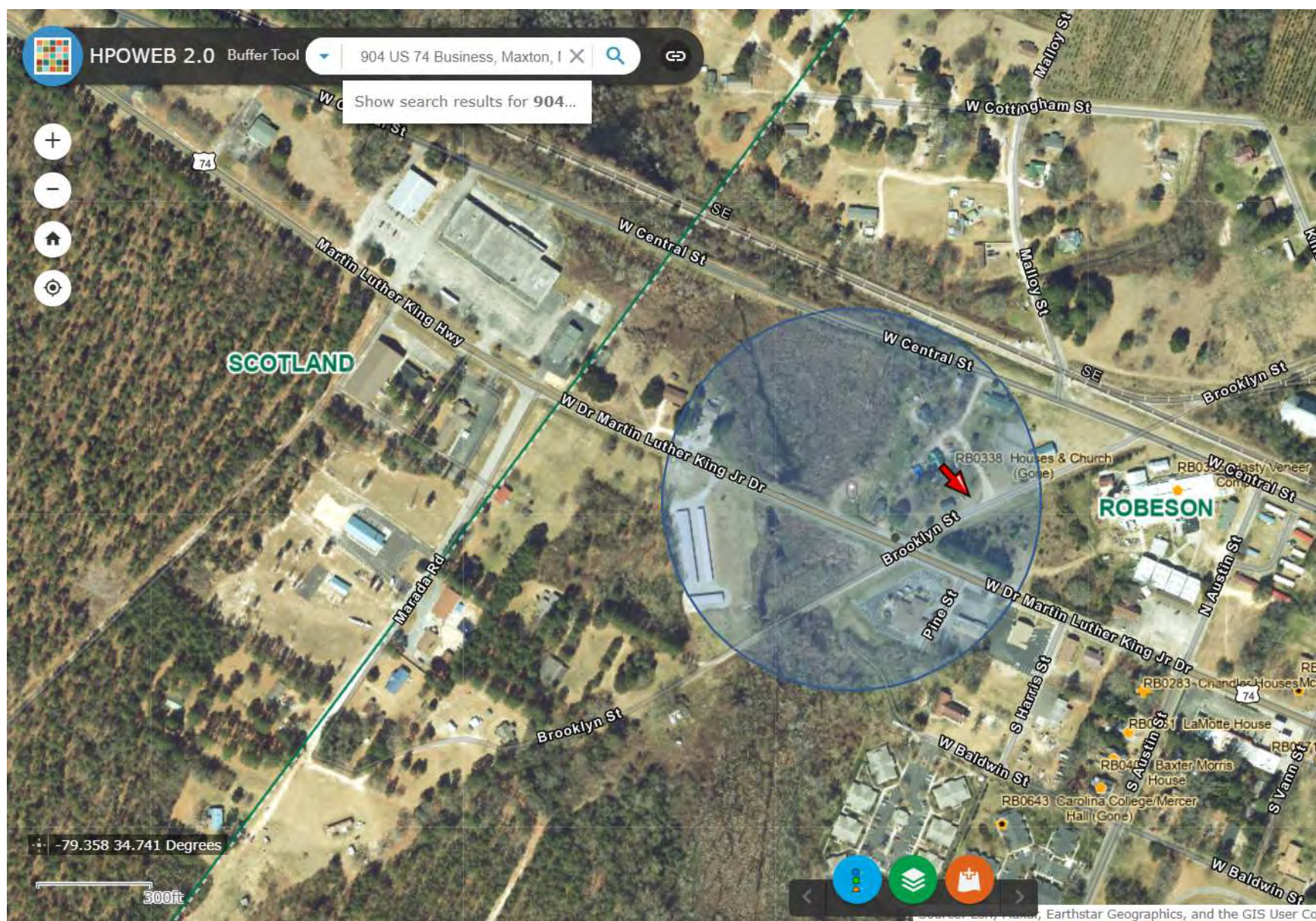
## Maxton Sewer Lift Station No. 7 – NRHP Map

### National Register of Historic Places





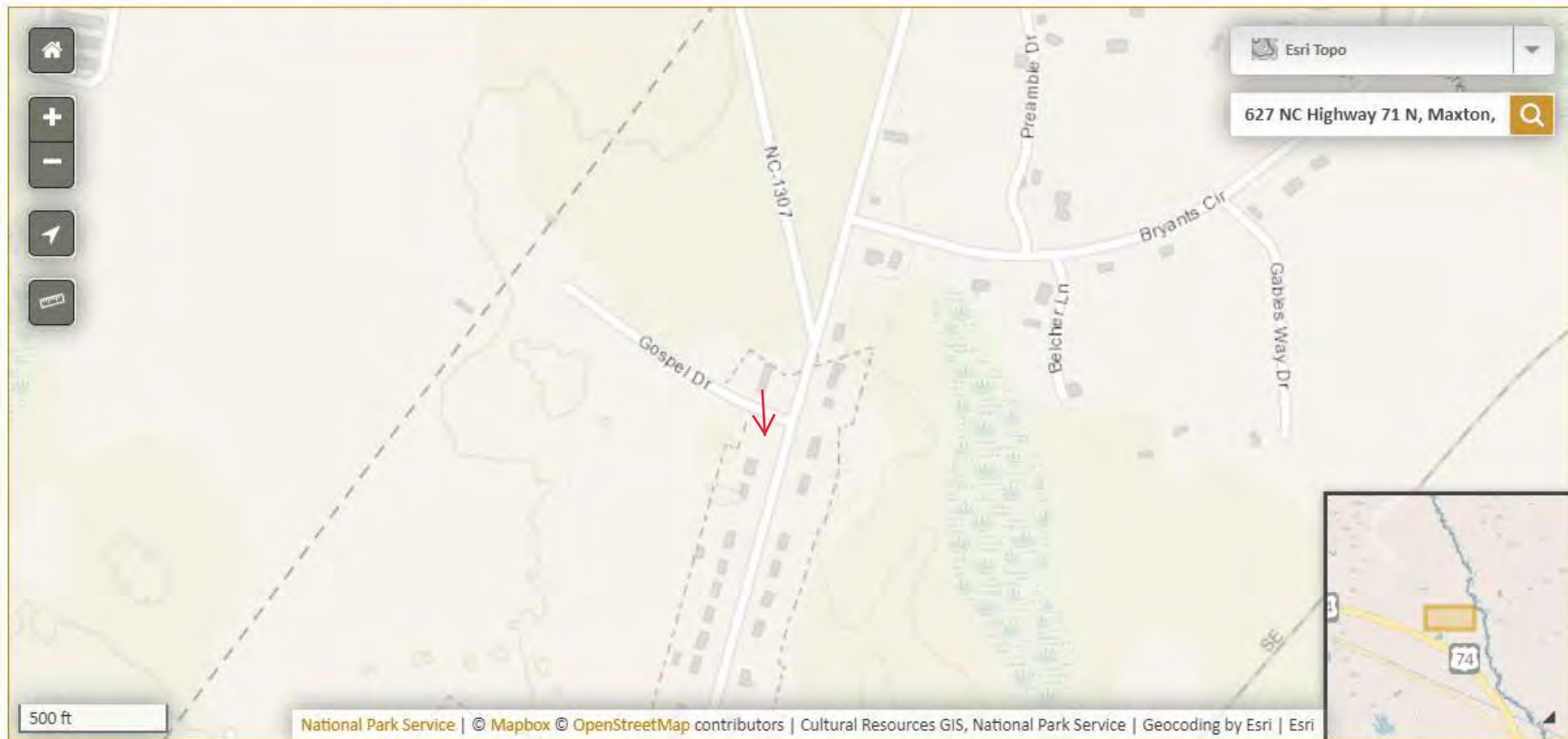
## Maxton Sewer Lift Station No. 7 – NC HPOWEB Map



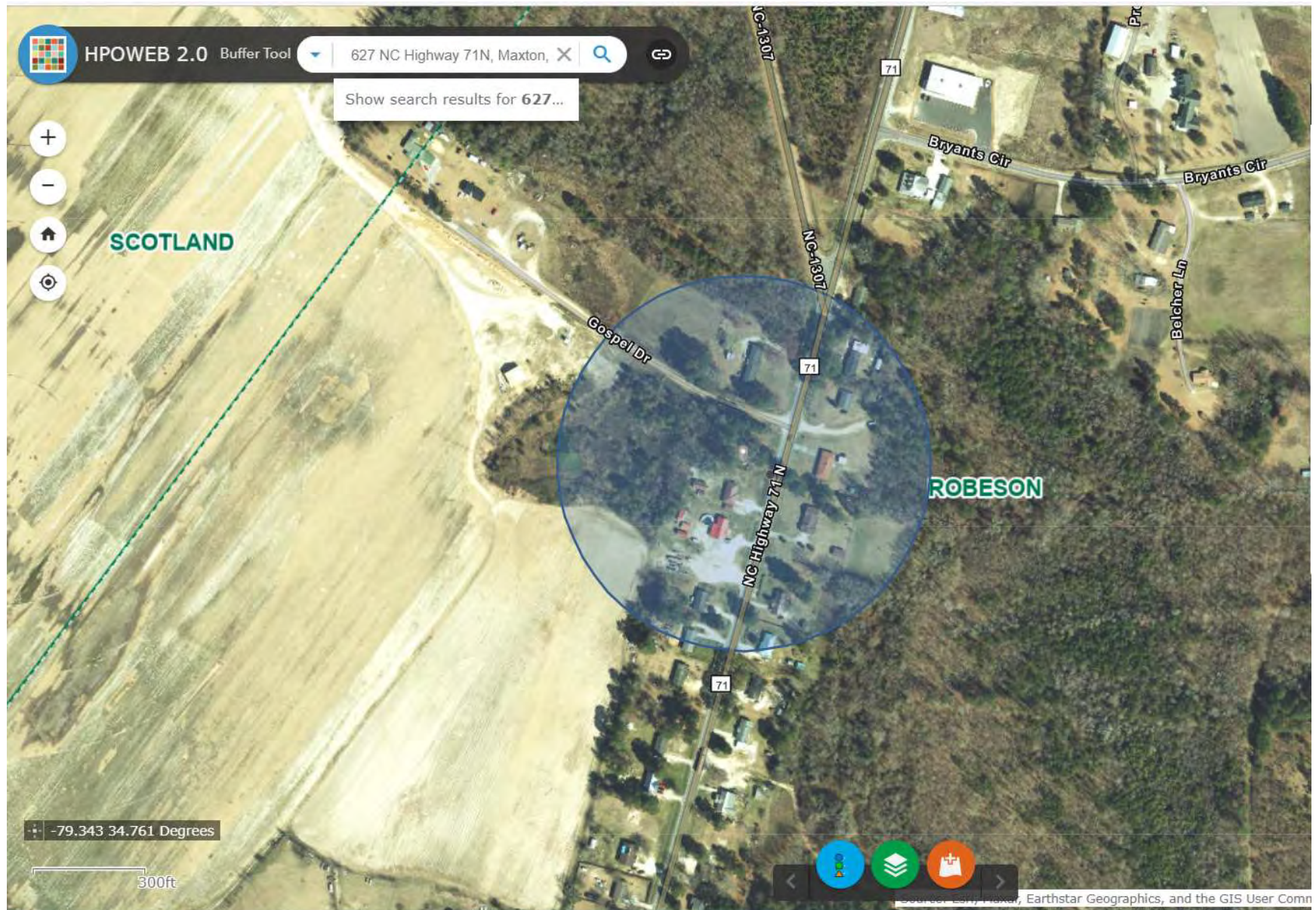


## Maxton Sewer Lift Station No. 10 – NRHP Map

### National Register of Historic Places



## Maxton Sewer Lift Station No. 10 – NC HPOWEB Map





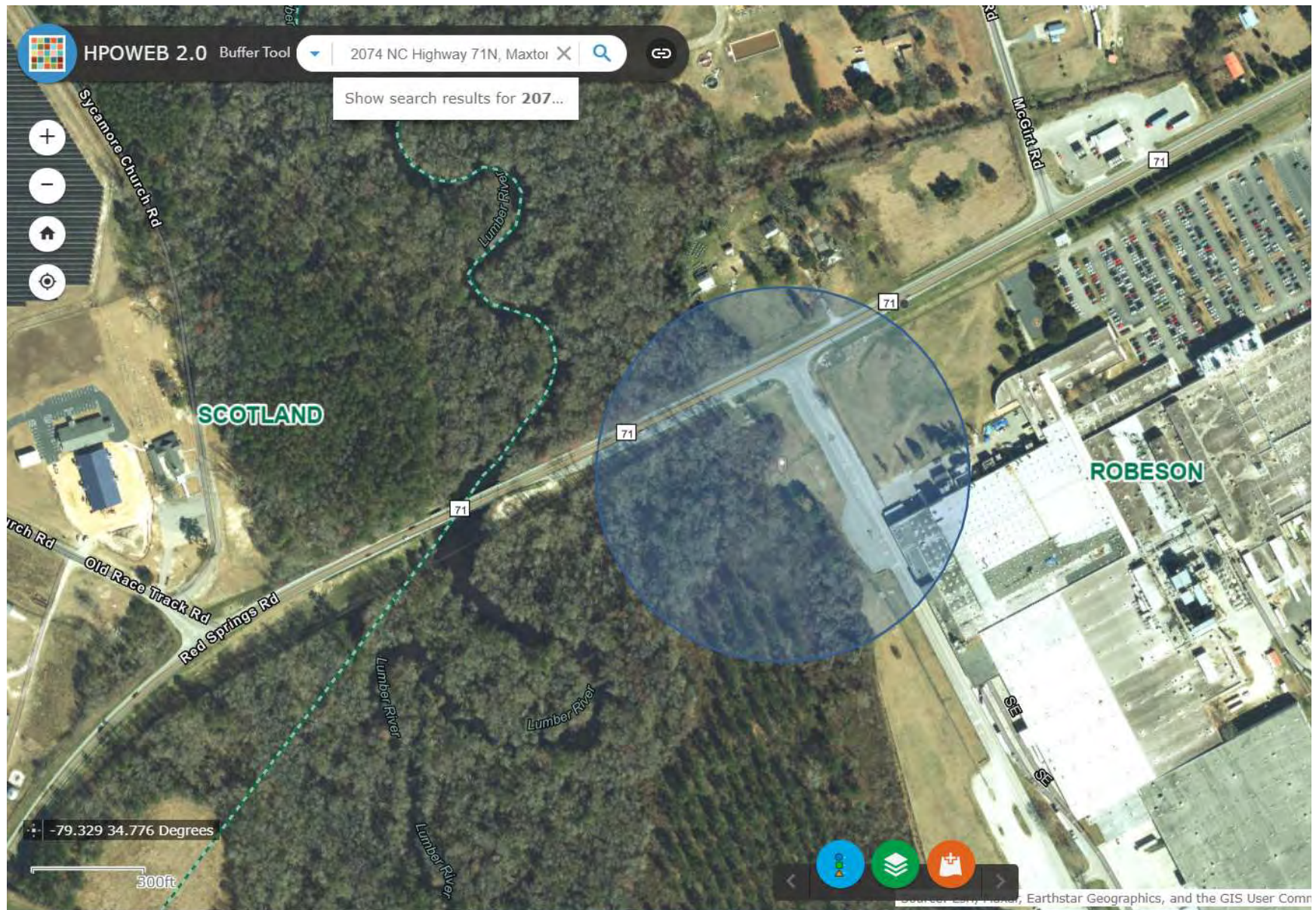
## Maxton Sewer Lift Station No. 11 – NRHP Map

### National Register of Historic Places





## Maxton Sewer Lift Station No. 11 – NC HPOWEB Map



## **Section 106 ATTACHMENT 2:**

### **Proposed Project Site Plans**



CONSTRUCTION PLANS

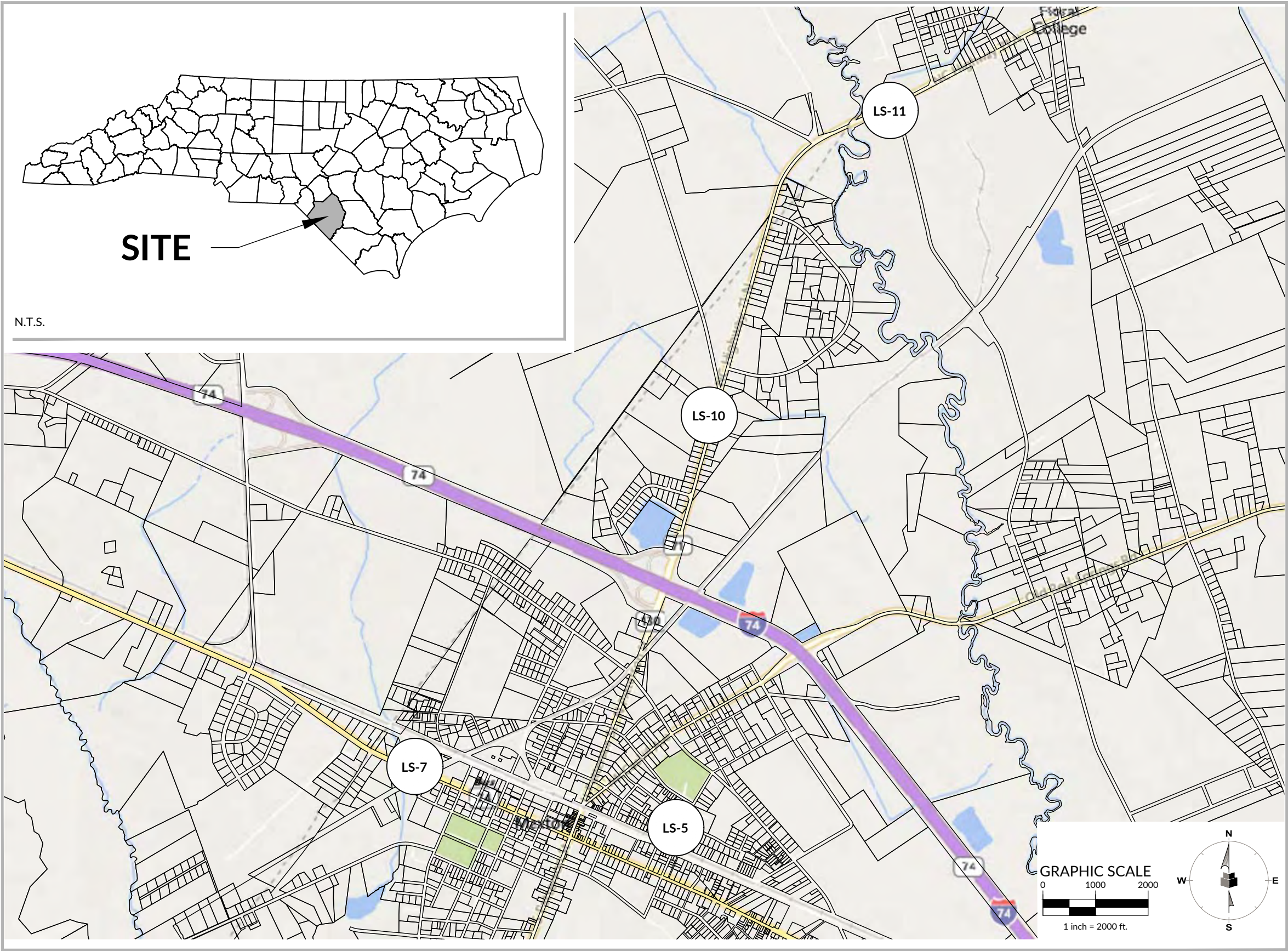
# ROBESON COUNTY

# MAXTON GENERATORS

## CRI-155-0014

MAXTON, NC 28364 | ROBESON

JANUARY 2023

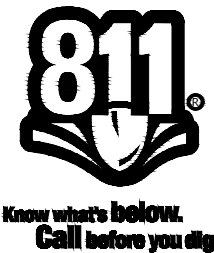


### INDEX OF SHEETS

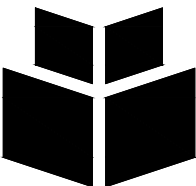
NUMBER	TITLE
--	COVER
G-1.00	GENERAL NOTES AND LEGEND
E-1.00	ELECTRICAL NOTES, DETAILS
E-1.01	ELECTRICAL LS5
E-1.02	ELECTRICAL LS7
E-1.03	ELECTRICAL LS10
E-1.04	ELECTRICAL LS11
C-1.00	EROSION CONTROL DETAILS
C-1.01	STANDARD DETAILS

CONTACT LIST:

WithersRavenel  
219 Station Road, Suite 101  
Wilmington, NC 28403  
910-256-9277



PREPARED BY:



**WithersRavenel**  
219 Station Road | Ste 101 | Wilmington, NC 28405  
License #: F-1479 | t: 910.256.9277 | www.withersravenel.com

OWNER:

**ROBESON COUNTY**  
550 N CHESTNUT ST  
LUMBERTON, NC 29358  
PHONE #: (910) 671-3022  
ATTENTION: KELLIE BLUE

CONSTRUCTION PLANS  
ROBESON COUNTY  
MAXTON GENERATORS  
CRI-155-0014  
WR PROJECT NO.06211005.00  
MUNI PRO NO:-----  
12/05/2022



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GENERAL NOTES:

1. THE WORK SPECIFIED ON THIS SHEET IS CONSIDERED INCIDENTAL AND NECESSARY FOR THE COMPLETION OF THE WORK. THERE WILL BE NO ADDITIONAL OR SEPARATE PAYMENT MADE FOR THE WORK SPECIFIED ON THIS SHEET UNLESS SPECIFICALLY CALLED OUT IN THE BID SCHEDULE AND MEASUREMENT AND PAYMENT SECTION OF THE SPECIFICATIONS.
2. THE CONTRACTOR SHALL HAVE A COMPLETE SET OF CONTRACT DOCUMENTS AS WELL AS ALL PERMIT APPROVALS AND EASEMENTS ON THE JOB SITE AT ALL TIMES.
3. CONSTRUCTION AND MATERIAL SPECIFICATIONS SHALL CONFORM TO THE STATE OF NORTH CAROLINA, TOWN OF MAXTON STANDARD SPECIFICATIONS AND CONSTRUCTION DETAILS, AND THE CONTRACT DOCUMENTS.
4. THE CONTRACTOR SHALL FOLLOW OSHA GUIDELINES REGARDING TRENCHING AND EXCAVATION SAFETY AND SHALL INCORPORATE APPROPRIATE SAFETY MEASURES AS NECESSARY TO MEET COMPLIANCE.
5. ALL SHOP DRAWINGS MUST BE REVIEWED AND APPROVED BY ENGINEER BEFORE EQUIPMENT IS ORDERED.
6. CONTRACTOR IS RESPONSIBLE FOR THE LOCATION OF ALL UNDERGROUND UTILITIES. KNOWN EXISTING UTILITIES HAVE BEEN LOCATED FROM THE INFORMATION AVAILABLE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACCURATELY LOCATE BOTH HORIZONTALLY AND VERTICALLY ALL EXISTING UTILITIES PRIOR TO START OF CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE NC ONE CALL CENTER AT 800.632.4949. ALL COSTS ASSOCIATED WITH ANY DAMAGE TO KNOWN OR UNKNOWN EXISTING UTILITIES RESULTING FROM THE CONTRACTOR'S FAILURE TO ADEQUATELY PROTECT THE EXISTING UTILITIES DURING CONSTRUCTION SHALL BE BORNE SOLELY BY THE CONTRACTOR.
7. CONTRACTOR SHALL MAKE EVERY EFFORT TO SAVE PROPERTY IRONS, MONUMENTS, OTHER PERMANENT POINTS AND LINES OF REFERENCE AND CONSTRUCTION STAKES. A REGISTERED LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE SHALL REPLACE PROPERTY IRONS, MONUMENTS, AND OTHER PERMANENT POINTS OF REFERENCE DESTROYED BY THE CONTRACTOR.
8. CONTRACTOR SHALL CLEAR AND GRUB ALL UTILITY EASEMENTS, AS DIRECTED BY THE OWNER, TO INSTALL NEW UTILITIES. ON ROADWAY RIGHT-OF-WAYS, THE CONTRACTOR SHALL ONLY REMOVE THE TREES MARKED ON THE PLANS AND SHALL MAKE EVERY EFFORT DURING CONSTRUCTION TO PROTECT THE TREES THAT WILL NOT BE REMOVED.
9. THE CONTRACTOR SHALL FURNISH, INSTALL, AND MAINTAIN ALL NECESSARY EROSION CONTROL MEASURES WHETHER OR NOT SHOWN ON THE PLANS TO PROTECT ADJACENT CREEKS, RIVERS, ROADWAYS, ETC. FROM SILTATION AND EROSION.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATION OF EXISTING UTILITIES IF REQUIRED DURING INSTALLATION OF NEW WORK. THERE WILL BE NO ADDITIONAL OR SEPARATE PAY ITEM FOR THIS WORK. UNLESS SPECIFICALLY CALLED OUT IN THE BID FORM. ANY RELOCATION OF EXISTING UTILITIES MUST BE COORDINATED WITH THE AFFECTED UTILITY COMPANY.
11. THE CONTRACTOR SHALL SUPPORT ALL UTILITY POLES AS NECESSARY. THE CONTRACTOR SHALL COORDINATE UTILITY POLE SUPPORT WITH THE APPROPRIATE UTILITY COMPANIES.
12. CONTRACTOR SHALL RESTORE/REPLACE ALL SIGNS, MAILBOXES, ETC. ENCOUNTERED DURING CONSTRUCTION TO ORIGINAL CONDITION.
13. THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO THE EXISTING GRADE UNLESS OTHERWISE NOTED ON THE DRAWINGS.
14. ALL DRIVEWAYS SHALL BE REPAIRED AS SOON AS CONSTRUCTION HAS PASSED. A MINIMUM OF 6" OF C&G SHALL BE USED FOR TEMPORARY REPAIR ON ASPHALT AND CONCRETE DRIVEWAYS UNTIL PERMANENT REPAIR CAN BE COMPLETED AND A MINIMUM OF 6" OF C&G SHALL BE USED AS PERMANENT REPAIR ON GRAVEL DRIVEWAYS.
15. CONTRACTOR SHALL REPLACE WITH NEW ALL DRIVEWAY PIPES AND OTHER DRAINAGE PIPES/CULVERTS THAT ARE DISTURBED WHILE INSTALLING THE UTILITIES. ALL PIPE/CULVERTS SHALL MEET THE REQUIREMENTS OF NCDOT.
16. ALL ROADWAY DITCHES DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITION OR BETTER AND CONFORM TO NCDOT REQUIREMENTS. ALL DITCHES SHALL BE LINED WITH EROSION CONTROL MATTING UNLESS OTHERWISE NOTED.
17. ALL EXCAVATED MATERIAL SHALL BE PLACED WITHIN THE LIMITS OF DISTURBANCE DURING UTILITY INSTALLATION. THE CONTRACTOR SHALL PROVIDE THE NECESSARY SEDIMENT AND EROSION CONTROL MEASURES TO CONTROL RUN-OFF. ALL EXCESS EXCAVATED MATERIAL SHALL BE REMOVED FROM THE CONSTRUCTION SITE AND DISPOSED OF LEGALLY.
18. HORIZONTAL DATUM IS NAD 83.
19. VERTICAL DATUM IS NAVD 88.
20. THE CONTRACTOR SHALL OBTAIN ALL PERMITS NECESSARY FOR CONSTRUCTION.

LEGEND		
(UNLESS OTHERWISE DENOTED)		
DESCRIPTION	EXISTING	PROPOSED
1' CONTOUR INTERVAL		
5' CONTOUR INTERVAL		
PROPERTY LINE		
ROADWAY CENTERLINE		
RIGHT OF WAY LIMITS		N/A
EASEMENT LINE		
CURB & GUTTER		
EDGE OF PAVEMENT		
SANITARY SEWER FACILITIES		
STORM SEWER FACILITIES		
WATERLINE		
FIRE HYDRANT ASSEMBLY		
FORCE MAIN		
ELECTRIC		
OVERHEAD ELECTRIC		
GAS MAIN		
TELEPHONE		
STRUCTURES		
FENCING STRUCTURE		
TELEVISION PEDESTAL		N/A
WATER MANHOLE		N/A
TELEPHONE MANHOLE		N/A
FLARED END SECTION		N/A
SANITARY SEWER MANHOLE		N/A
GAS VALVE		N/A
UTILITY MANHOLE		N/A
ELECTRICAL PEDESTAL		N/A
SIGN		N/A
FIBER OPTIC MARKER		N/A

DESCRIPTION	EXISTING	PROPOSED
WOODS LINE		N/A
WATERWAYS		N/A
TREE PROTECTION FENCE	N/A	
SILT FENCE	N/A	
SPOT ELEVATION		
GUY ANCHOR		N/A
POWER POLE		N/A
LIGHT POLE		N/A
PROPERTY IRON		N/A
CURB INLET		N/A
STORM DRAIN JUNCTION BOX		N/A
YARD INLET		N/A
WATER METER		N/A
CONCRETE MONUMENT		N/A
TELEPHONE PEDESTAL		N/A
MAIL BOX		N/A
WATER VALVE		

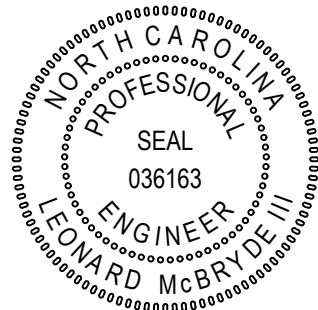
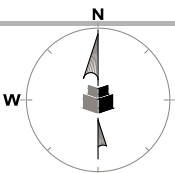
WR Job No. 06211005.00  
DRN: DAC DGN: DAC CKD: LM

DATE 01/25/2023

GENERAL NOTES

INITIAL PLAN DATE: 10/24/2022

REVISIONS:



CONSTRUCTION PLANS

**ROBESON COUNTY**

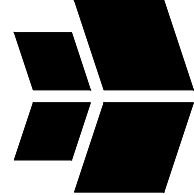
**MAXTON GENERATORS**

**CRI-155-0014**

MAXTON, NC 28364 | ROBESON

**ROBESON COUNTY**

550 NORTH CHESTNUT STREET  
LUMBERTON, NC 27388



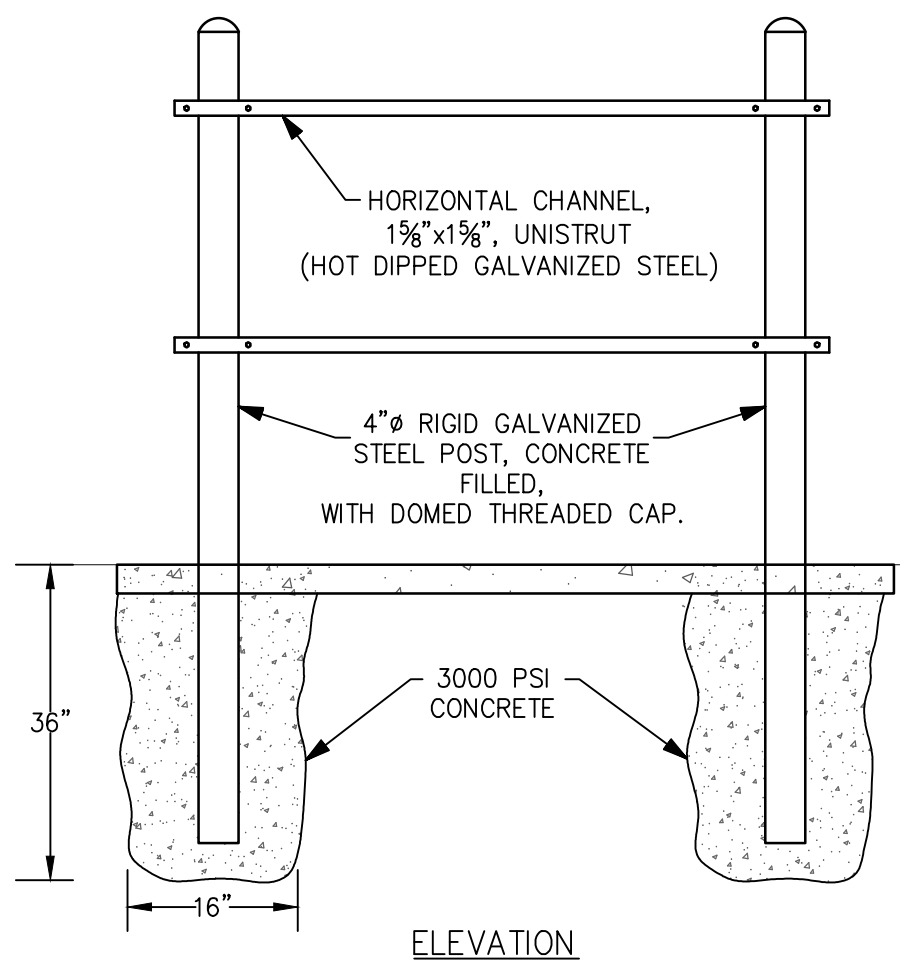
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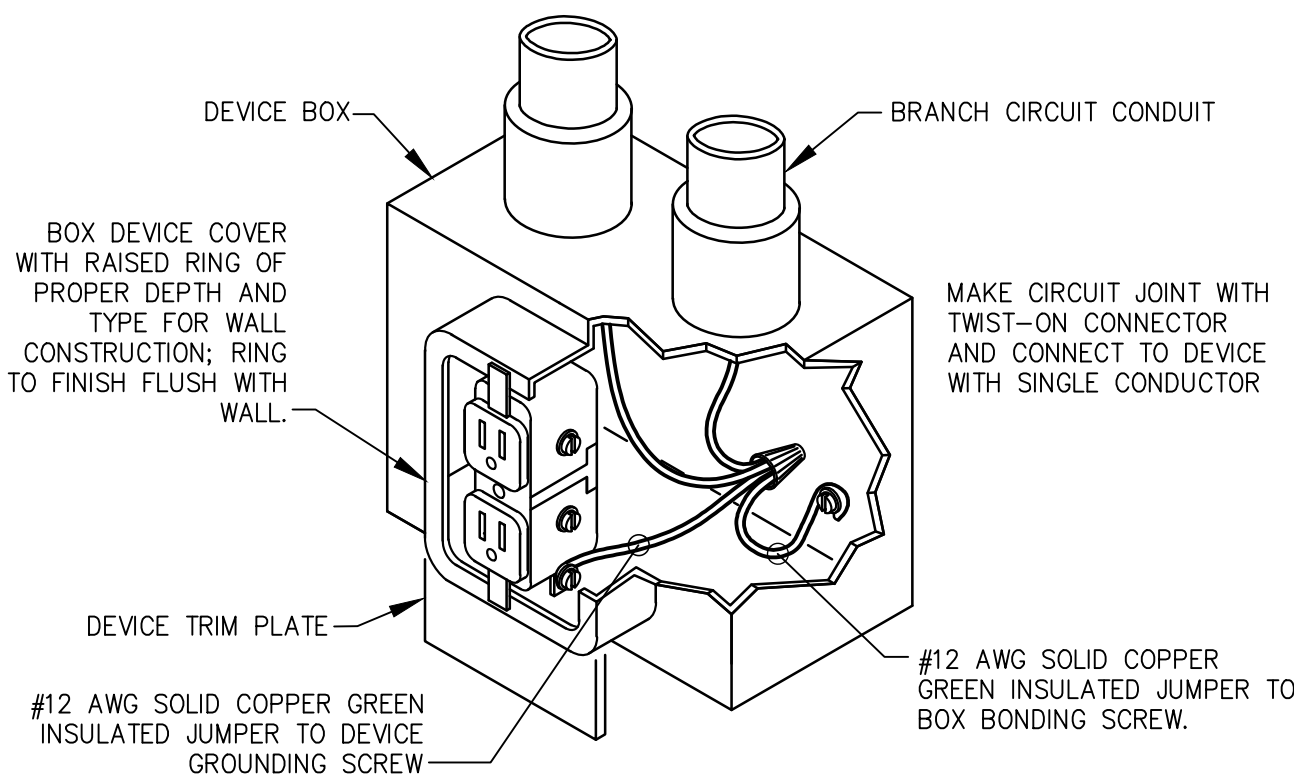
ELECTRICAL NOTES

- ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND REQUIREMENTS OF THE LOCAL AUTHORITY HAVING JURISDICTION.
- PERMITS FOR ELECTRICAL WORK SHALL BE OBTAINED BY AND PAID BY THE ELECTRICAL CONTRACTOR. THE ELECTRICAL CONTRACTOR SHALL PAY FOR ANY ADDITIONAL FEES FOR INSPECTIONS, TESTS, AND OTHER SERVICES AS REQUIRED FOR THE COMPLETION OF THE WORK.
- THE ELECTRICAL CONTRACTOR AND ANY OF HIS SUBCONTRACTORS SHALL VISIT THE PROJECT SITES TO WITNESS EXISTING CONDITIONS AND BECOME FAMILIAR WITH THE SCOPE OF THE WORK REQUIRED PRIOR TO SUBMITTING PROPOSALS. WORK REQUIRED BY EXISTING JOB CONDITIONS NOT INDICATED ON DRAWINGS SHALL BE INCLUDED IN THE PROPOSALS.
- THE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO RESULT IN THE PRODUCTION OF A COMPLETE AND FUNCTIONAL ELECTRICAL SYSTEM. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL MATERIAL, LABOR, EQUIPMENT, AND OTHER SERVICES AS NECESSARY TO COMPLETE THE WORK.
- DISCREPANCIES IN THE DRAWINGS AND SPECIFICATIONS THAT WILL AFFECT THE WORK SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER, AND OWNER PRIOR TO SUBMITTING PROPOSALS.
- UNLESS NOTED OTHERWISE, ALL MATERIALS AND EQUIPMENT SHALL BE NEW AND INCLUDE A 3RD PARTY LABEL (I.E.: UL, CSA, ETL, ETC.) LISTING APPROVAL FOR ITS INSTALLED APPLICATION.
- REVIEW COMPLETE PLAN SET FOR CONSTRUCTION TYPE, SCOPES, ETC. REVIEW COMPLETE PLAN SET FOR PROJECT PHASING AND STAGING. REVIEW COMPLETE PLAN SET FOR WORK COVERED BY ALTERNATE BID ITEMS.
- VERIFY PROPER SIZING OF OVERLOAD DEVICES IN STARTERS BASED ON EQUIPMENT NAMEPLATE DATA.
- IF HORSEPOWER OR LOAD RATINGS OF EQUIPMENT DIFFER FROM THOSE INDICATED ON THE DRAWINGS, NOTIFY THE ARCHITECT, ENGINEER, AND OWNER FOR DIRECTION.
- PROVIDE NATIONAL ELECTRICAL CODE REQUIRED CLEARANCES FOR ALL ELECTRICAL EQUIPMENT. COORDINATE RESOLUTION OF CONFLICTS WITH OTHER TRADES.
- ABANDONED CIRCUITRY (RACEWAY & CONDUCTORS) SHALL BE REMOVED IN ITS ENTIRETY FROM ITS SOURCE.
- PANEL BUS MATERIAL: COPPER.
- SHARED NEUTRAL CONDUCTORS SHALL NOT BE USED UNLESS SPECIFICALLY INDICATED SO ON HOMERUN CIRCUITRY DESIGNATIONS.
- PANEL BREAKER CONFIGURATIONS SHALL BE INSTALLED AS INDICATED ON THE PANEL SCHEDULES OR AS NOTED. BREAKER POSITION REVISIONS WILL NOT BE ACCEPTED UNLESS APPROVED IN WRITING BY THE ENGINEER.
- LOAD CIRCUITS SHALL BE INSTALLED AS INDICATED ON THE DRAWINGS. CIRCUITRY REVISIONS WILL NOT BE ACCEPTED UNLESS APPROVED IN WRITING BY THE ENGINEER.



- NOTES:
- USE 3/8" HOT DIPPED GALVANIZED STEEL HARDWARE FOR CONNECTING CHANNELS & MOUNTING EQUIPMENT.
  - PROVIDE ADDITIONAL VERTICAL POSTS, CENTERED, IF RACK EXCEEDS 60" WIDE.
  - PROVIDE ADDITIONAL CHANNEL(S) WHERE REQUIRED TO ALIGN WITH EQUIPMENT MOUNTING HOLES.
  - SEE DETAILS D/E-1.00 & G/E-1.00 FOR RACK MOUNTED SUN SHIELD / RAIN HOOD.

**B** EQUIPMENT RACK DETAIL  
E-1.00 NO SCALE

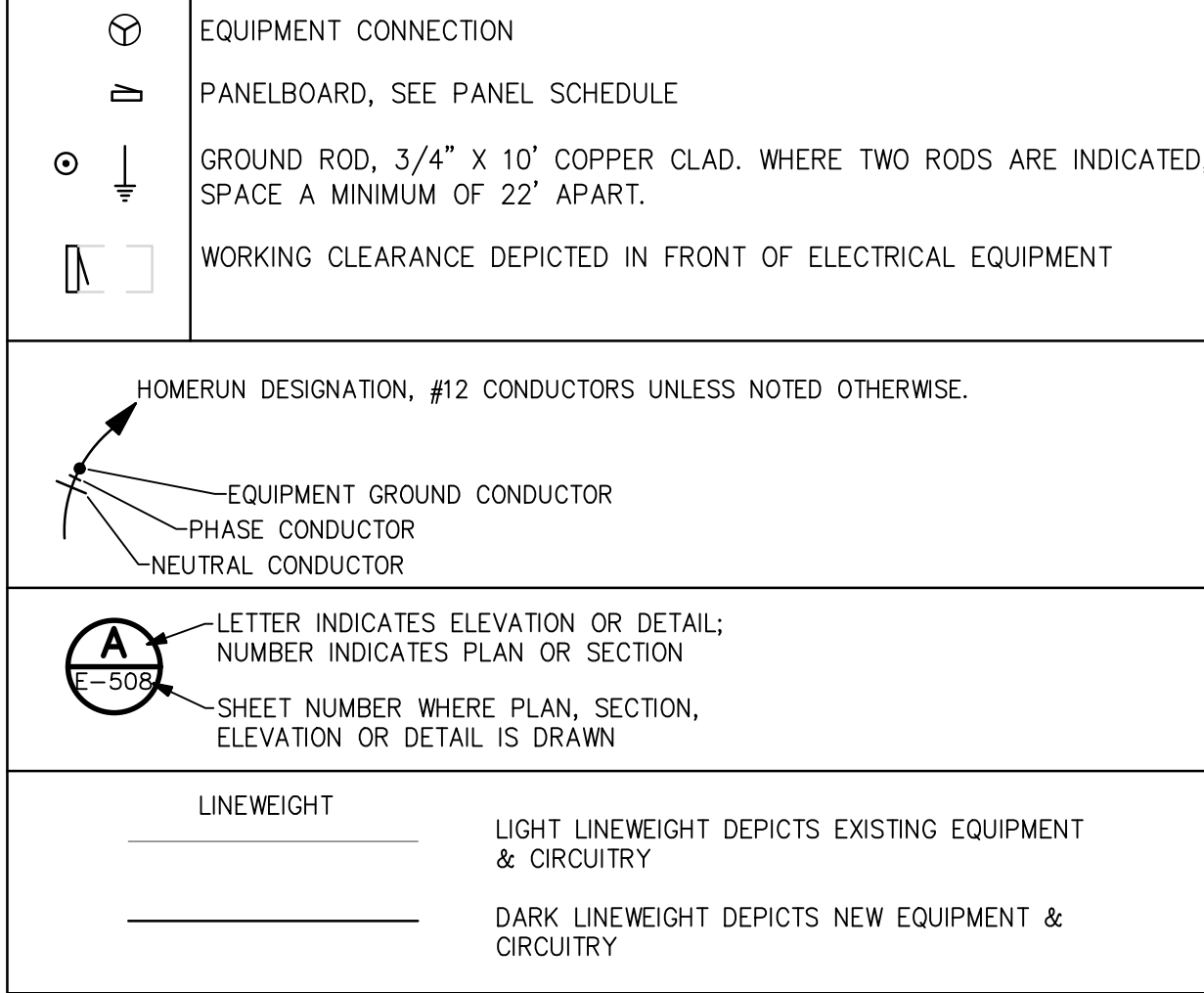


**F** OUTLET GROUNDING DETAIL  
E-1.00 NO SCALE

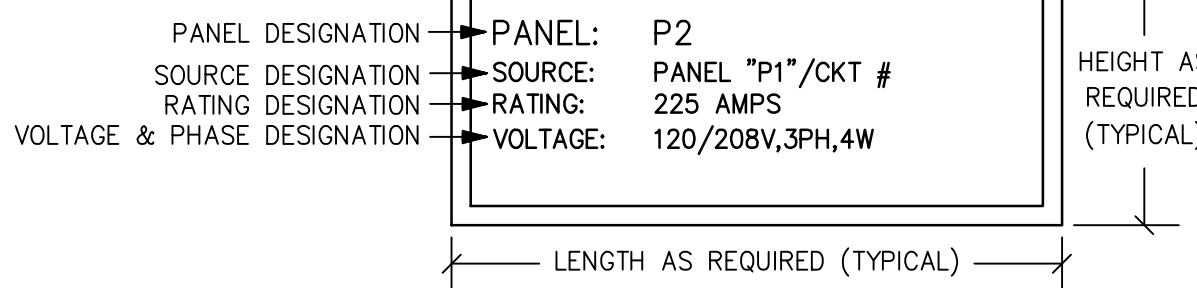
ABBREVIATIONS

AFG	ABOVE FINISHED GRADE
AIC	AMPS INTERRUPTING CAPABILITY
ATS	AUTOMATIC TRANSFER SWITCH
BKR	BREAKER
C	CONDUIT
C/B	CIRCUIT BREAKER
CKT	CIRCUIT
DIA	DIAMETER
DISC	DISCONNECT
DWG	DRAWING
EC	ELECTRICAL CONTRACTOR
ENCL	ENCLOSED
EXSTG	EXISTING
G	EQUIPMENT GROUND
GEC	GROUNDING ELECTRODE CONDUCTOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
HP	HORSEPOWER
K	KILO (THOUSAND)
MCB	MAIN CIRCUIT BREAKER
MFR	MANUFACTURER
MLO	MAIN LUG ONLY
N/A	NOT APPLICABLE
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOC.
NTS	NOT TO SCALE
P	PHASE OR POLE
PCP	PUMP CONTROL PANEL
PH	PHASE
PNL	PANEL
PVC	POLYVINYL CHLORIDE
REC	RECEPTACLE
RECP	RECEPTACLE
REQ	REQUIRED
S.S.	STAINLESS STEEL
SYS	SYSTEM
S/N	SOLID NEUTRAL
TYP	TYPICAL
UL	UNDERWRITERS LABORATORY
UNO	UNLESS NOTED OTHERWISE
UON	UNLESS OTHERWISE NOTED
V	VOLTS
VA	VOLT-AMPS
W	WATTS
W	WIRE
W/	WITH
WP	WEATHERPROOF
XFMR	TRANSFORMER

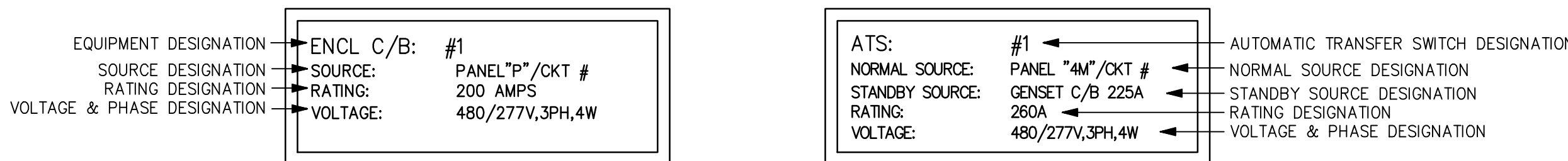
MISC. ELECTRICAL SYMBOL LEGEND



PANELBOARD

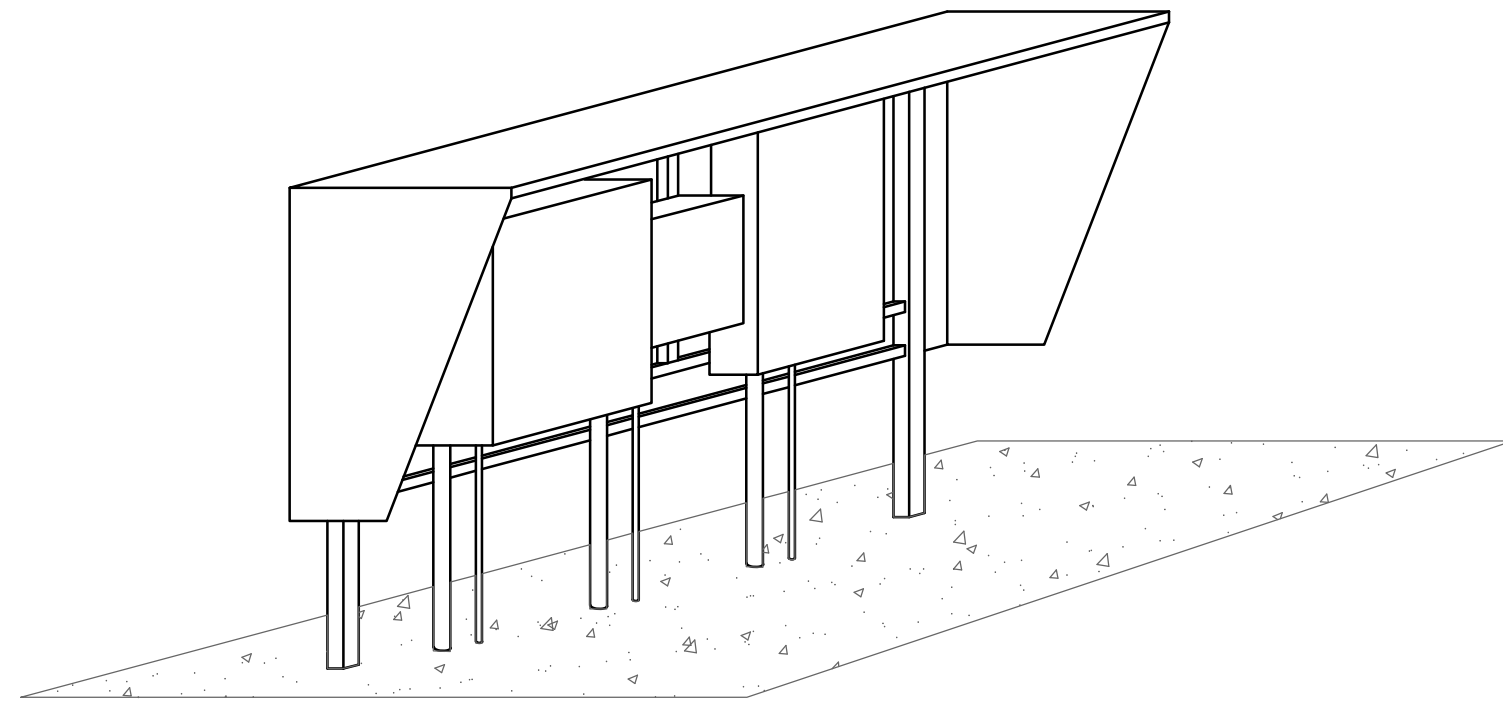


AUTOMATIC TRANSFER SWITCH

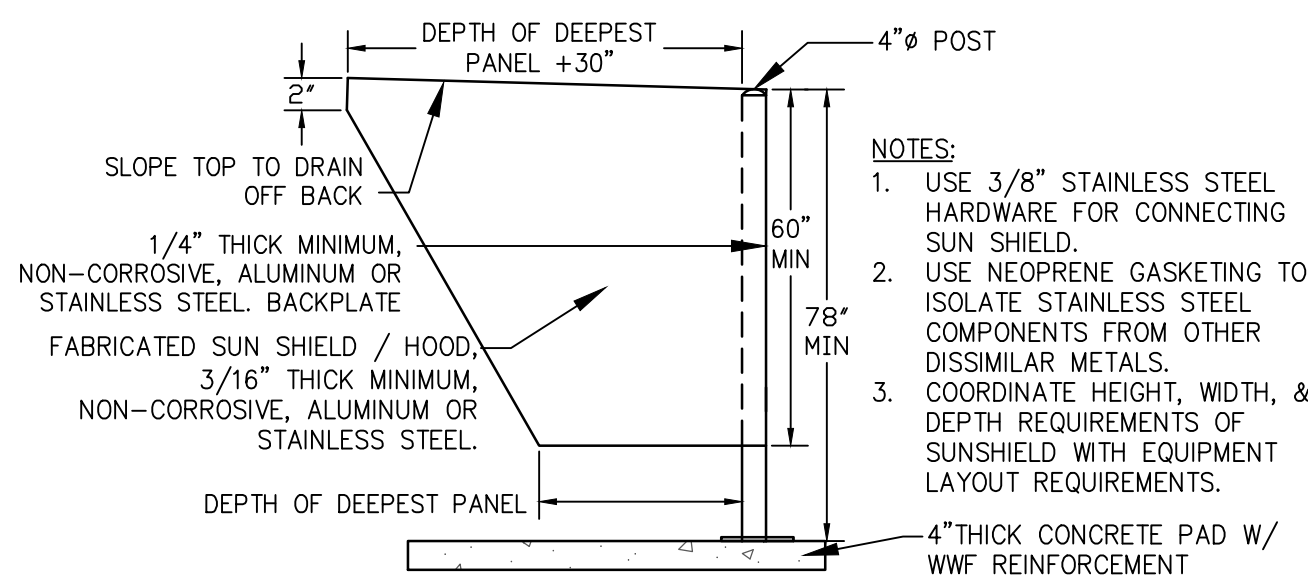


- NOTES:
- ENGRAVED PLASTIC FOR NAMEPLATE.
  - HIGH PERFORMANCE, DOUBLE COATED TAPE WITH ADHESIVE TO ATTACH LABELS. DESIGN BASIS: 3M #06383 OR APPROVED EQUIVALENT.
  - 3/8" ENGRAVED LETTERS EQUIPMENT NAME DESIGNATION AND 1/4" ENGRAVED LETTERS ON ALL OTHER DESIGNATIONS.

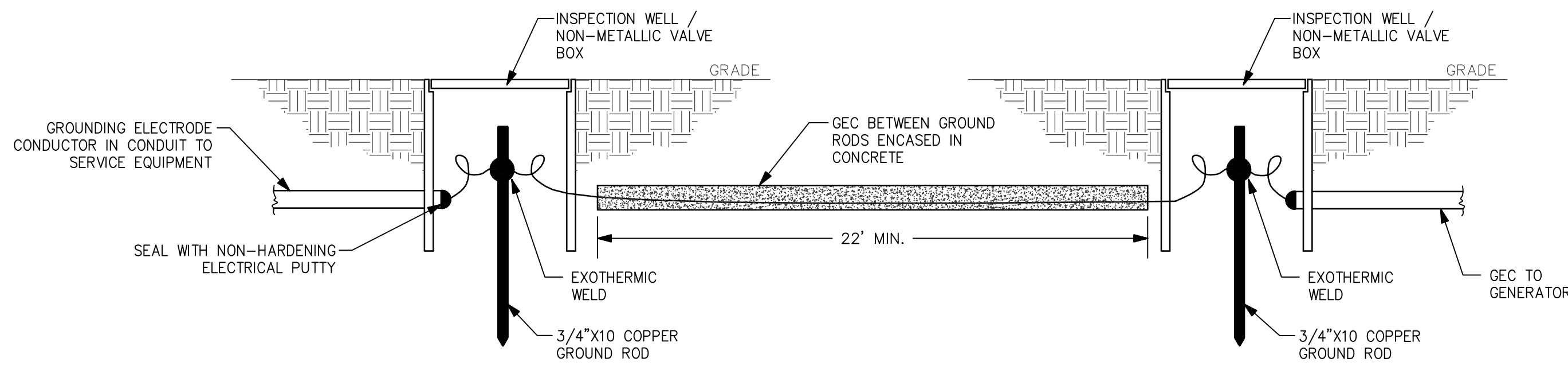
**C** TYPICAL NAMEPLATE DETAILS  
E-1.00 NO SCALE



**D** SUN/RAIN HOOD TYPICAL (ISOMETRIC)  
E-1.00 NO SCALE

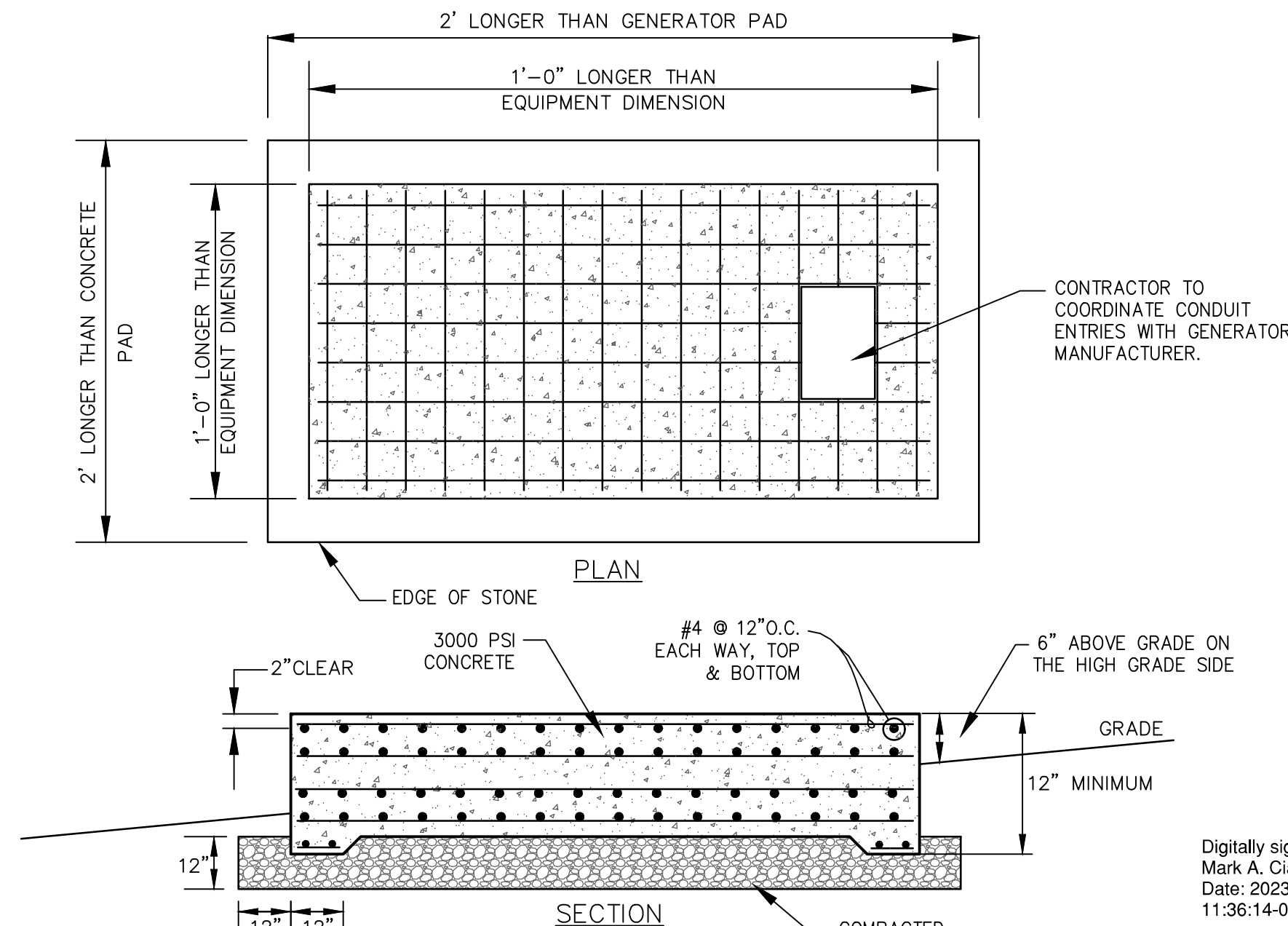


**G** SUN SHIELD FOR EQUIPMENT RACK  
E-1.00 NO SCALE



**H** GROUND ROD & INSPECTION WELL  
E-1.00 NO SCALE

**A** TYPICAL PANELBOARD IDENTIFICATION  
E-1.00 NO SCALE



**E** GENERATOR PAD DETAIL  
E-1.00 NO SCALE

- NOTES:
- PROVIDE ANCHOR BOLTS FOR GENERATOR & ENCLOSURE PER MANUFACTURER'S REQUIREMENTS.
  - BASE PAD SIZE ON ACTUAL EQUIPMENT SUPPLIED. PAD SHOULD EXTEND 6" PAST EQUIPMENT EXTERIOR IN EACH DIRECTION.

Digitally signed by  
Mark A. Ciarrocca  
Date: 2023.01.25  
11:36:14-05'00'

**CHEATHAM & ASSOCIATES, P.A.**  
CONSULTING ENGINEERS  
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(910) 452-4210  
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WWW.CHEATHAMPA.COM NC  
LICENSE # E-1073  
JOB # 22039

**WithersRavenel**

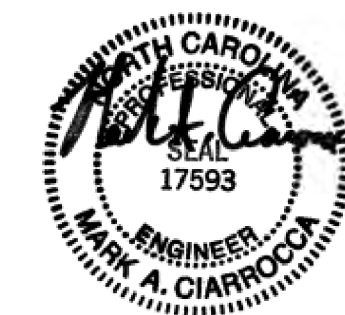
115 MacKenzie Drive, Cary, NC 27511  
License #: F-14791; 919.469.3340 | www.withersravenel.com



ROBESON COUNTY  
556 NORTH CHESTNUT STREET  
LUMBERTON, NC 29558

CONSTRUCTION PLANS  
**ROBESON COUNTY**  
**MAXTON GENERATORS**  
**CRI-155-0014**

MAXTON, NC 28364 | ROBESON



INITIAL PLAN DATE: 10/24/2022  
REVISIONS:

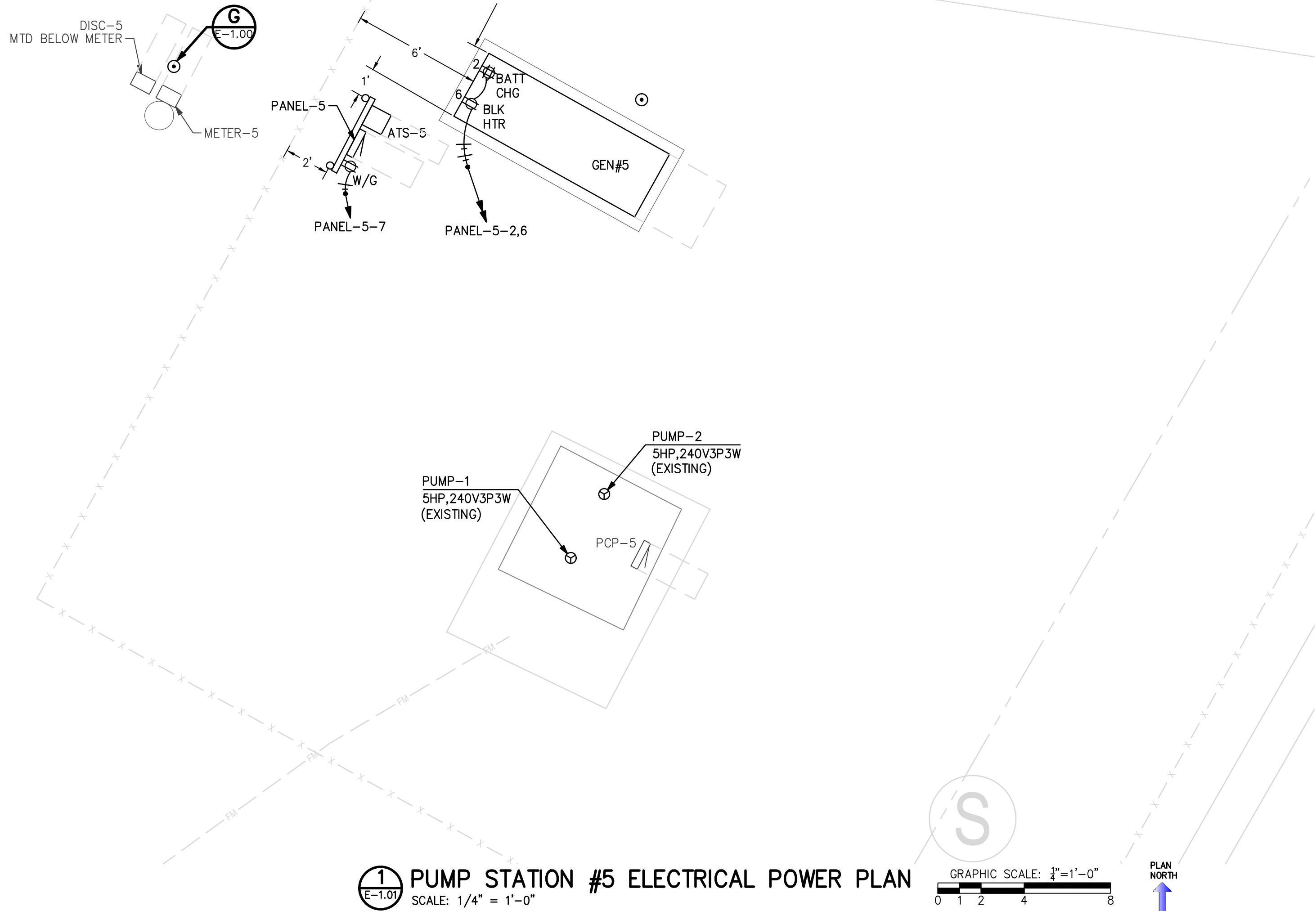
WR Job No. DATE  
06211005.00 01/20/2022  
DRN: JEG DGN: JEG CKD: MAC

**ELECTRICAL**  
**NOTES, DETAILS**

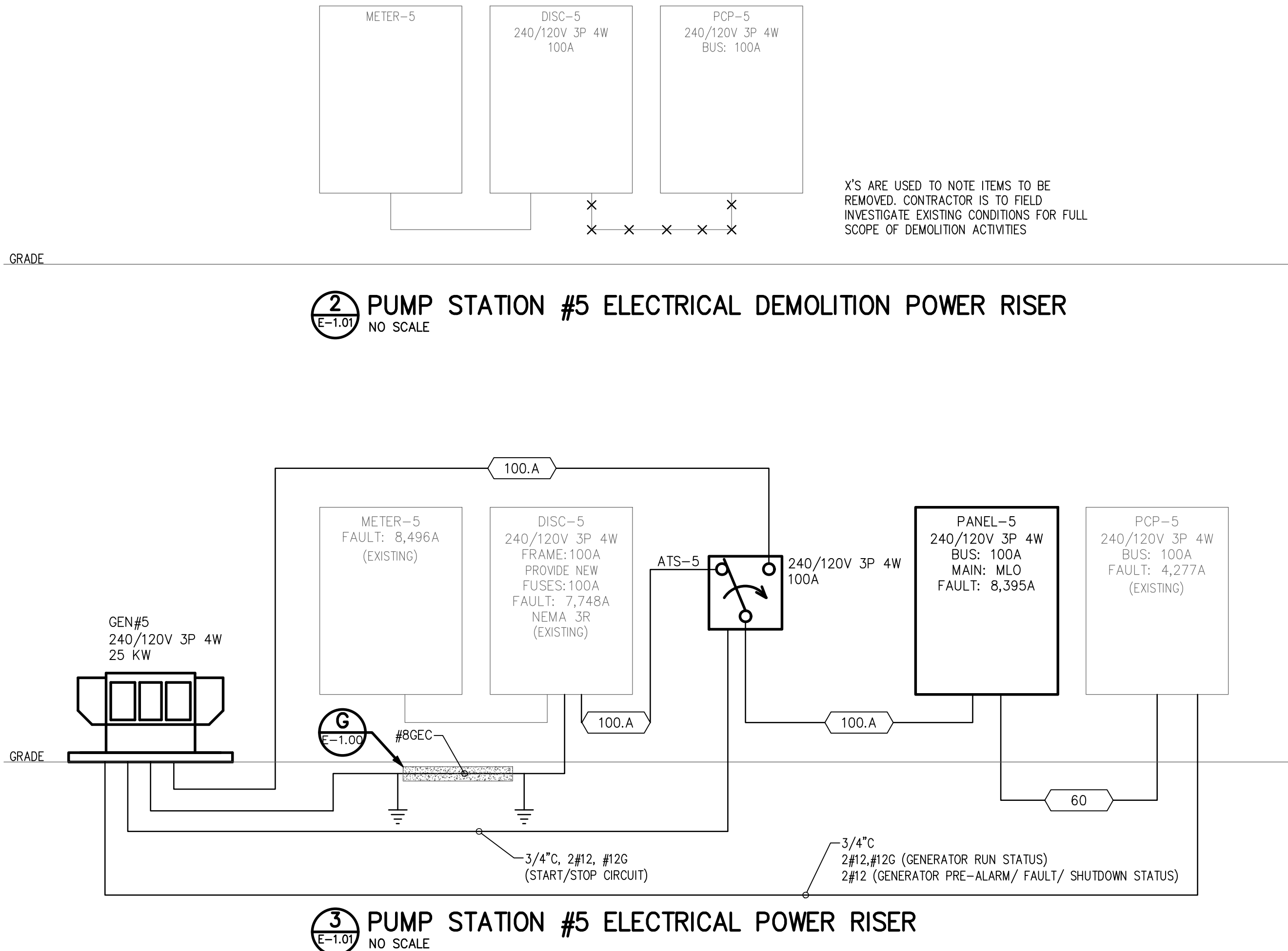
E-1.00



PANEL-5											
ROOM:			VOLTS: 240/120V 3P 4W			AIC: 10,000					
MOUNTING: SURFACE			BUS AMPS: 100			MAIN BKR: MLO					
FED FROM: ATS-5			NEUTRAL: 100%			LUGS: STANDARD					
NOTE: NEMA 3R											
CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA			CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA		
			A	B	C				A	B	C
1	100/3	PANEL PCP-5	4.21			2	20/1	REC-BATTERY CHARGER	1		
3				4.21		4	-/1	SPACE		0	
5					4.21	6	20/1	REC-BLOCK HEATER			1.5
7	20/1	SPACE REC-EXT GFCI	0.18			8	20/1	SPARE	0		
9	-/1	SPACE		0		10	-/1	SPACE		0	
11	20/1	SPACE			0	12	20/1	SPACE			0
13	-/3	SPACE	0			14	-/3	SPACE	0		
15				0		16				0	
17					0	18					0
						TOTAL CONNECTED KVA BY PHASE			5.39	4.21	5.71
						TOTAL CONNECTED AMPS BY PHASE			40.2	30.4	42.9



FEEDER SCHEDULE			
ID	FEEDER AMPS	CONDUIT AND FEEDER	FEEDING THESE DEVICES
60	60	1" C, 3#6, #6N, #8G	PCP-5
100.A	100	1-1/4" C, 3#1/0, #2N, #8G	ATS-5, ATS-5, PANEL-5, PCP-7
125	125	1-1/2" C, 3#1/0, #1/0N, #6G	PCP-11
125J	125	1-1/2" C, 3#1/0, #1/0N, #6G	PCP-10
150	150	1-1/2" C, 3#1/0, #1/0N, #6G	ATS-7, ATS-7, ATS-11, ATS-11, DISC-7, DISC-11, PANEL-7, PANEL-11
225	225	2-1/2" C, 3#4/0, #4/0N, #4G	ATS-10, ATS-10, DISC-10, PANEL-10
SIZING METHOD: COPPER, 60°C #12 THROUGH #1, 75°C #1/0 AND ABOVE			



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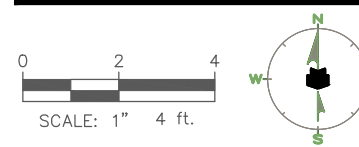
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INITIAL PLAN DATE: 10/24/2022  
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WR Job No. 06211005.00 DATE 01/20/2022  
DRN: JEG DGN: JEG CKD: MAC

ELECTRICAL  
LS5

E-1.01

PANEL-7

ROOM: MOUNTING: SURFACE FED FROM: ATS-7 NOTE: NEMA 3R			VOLTS: 240/120V 3P 4W BUS AMPS: 150 NEUTRAL: 100%			AIC: 10,000 MAIN BKR: MLO LUGS: STANDARD					
CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA			CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA		
			A	B	C				A	B	C
1	100/3	PANEL PCP-7	6.1			2	20/1	REC-BATTERY CHARGER	1		
3				6.1		4	-/1	SPACE		0	
5					6.1	6	20/1	REC-BLOCK HEATER			1.5
7	20/1	REC-EXT GFCI	0.18			8	20/1	SPARE	0		
9	-/1	SPACE		0		10	-/1	SPACE		0	
11	20/1	SPARE			0	12	20/1	SPARE			0
13	-/3	SPACE	0			14	-/3	SPACE	0		
15				0		16				0	
17					0	18					0
19	-/3	SPACE	0			20	-/3	SPACE	0		
21				0		22				0	
23					0	24					0
25	-/3	SPACE	0			26	-/3	SPACE	0		
27				0		28				0	
29					0	30					0
						TOTAL CONNECTED KVA BY PHASE			7.28	6.1	7.6
						TOTAL CONNECTED AMPS BY PHASE			53.8	44	56.5
			CONN KVA	CALC KVA					CONN KVA	CALC KVA	
LARGEST MOTOR			9.15	2.29	(25%)	RECEPTACLES			0.18	0.18	(50%>10)
MOTORS			18.3	18.3	(100%)	NONCONTINUOUS			2.5	2.5	(100%)
						TOTAL LOAD			23.3		
						BALANCED 3-PHASE LOAD			55.9 A		



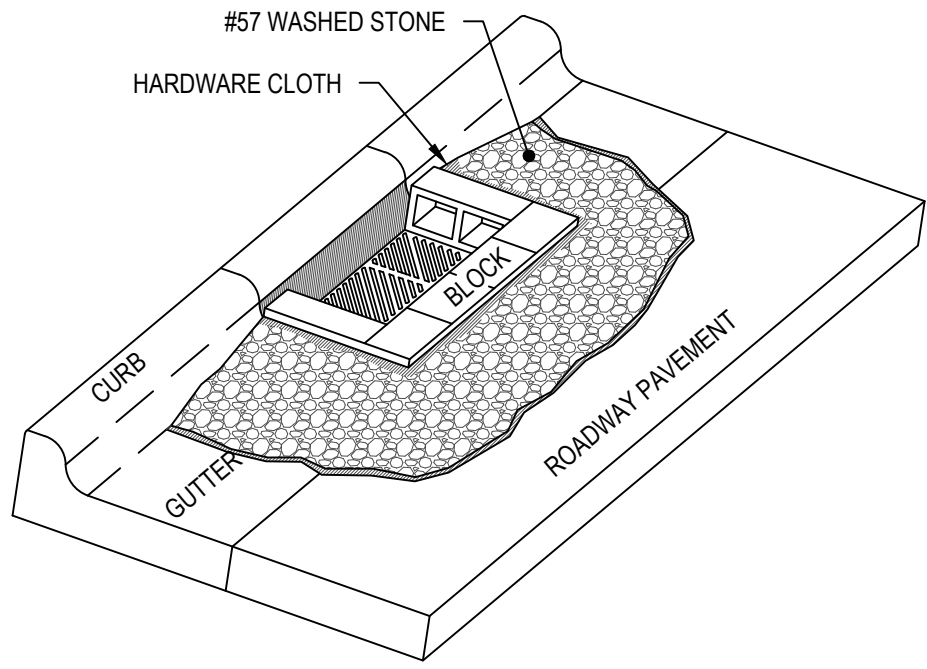
PANEL-10

ROOM:			VOLTS: 240/120V 3P 4W			AIC: 10,000					
MOUNTING: SURFACE			BUS AMPS: 225			MAIN BKR: 225					
FED FROM: ATS-10			NEUTRAL: 100%			LUGS: STANDARD					
NOTE: NEMA 3R											
CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA			CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA		
			A	B	C				A	B	C
1	20/3	PUMP-1	5.82			2	100/3	PUMP-2	5.82		
3				5.82		4				5.82	
5					5.82	6					5.82
7	20/1	REC-EXT GFCI	0.18			8	20/1	REC-BATTERY CHARGER	1		
9	-/1	SPACE		0		10	-/1	SPACE		0	
11	20/1	SPARE			0	12	20/1	REC-BLOCK HEATER			1.5
13	-/3	SPACE				14	-/3	SPACE	0		
15			0	0		16				0	
17					0	18					0
19	-/3	SPACE	0			20	-/3	SPACE	0		
21				0		22				0	
23					0	24					0
25	-/3	SPACE	0			26	-/3	SPACE	0		
27				0		28				0	
29					0	30					0
						TOTAL CONNECTED KVA BY PHASE			12.8	11.6	13.1
						TOTAL CONNECTED AMPS BY PHASE			93.8	84	96.5
			</								

PANEL-11

ROOM:			VOLTS: 240/120V 3P 4W			AIC: 10,000					
MOUNTING: SURFACE			BUS AMPS: 150			MAIN BKR: MLO					
FED FROM: ATS-11			NEUTRAL: 100%			LUGS: STANDARD					
NOTE: NEMA 3R											
CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA			CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA		
			A	B	C				A	B	C
1	125/3	PANEL PCP-11	7.76			2	20/1	REC-BATTERY CHARGER	1		
3				7.76		4	-/1	SPACE		0	
5					7.76	6	20/1	REC-BLOCK HEATER			1.5
7	20/1	REC-EXT GFCI	0.18			8	20/1	SPARE	0		
9	-/1	SPACE		0		10	-/1	SPACE		0	
11	20/1	SPARE			0	12	20/1	SPARE			0
13	-/3	SPACE	0			14	-/3	SPACE	0		
15				0		16				0	
17					0	18					0
19	-/3	SPACE	0			20	-/3	SPACE	0		
21				0		22				0	
23					0	24					0
25	-/3	SPACE	0			26	-/3	SPACE	0		
27				0		28				0	
29					0	30					0
						TOTAL CONNECTED KVA BY PHASE			8.94	7.76	9.26
						TOTAL CONNECTED AMPS BY PHASE			65.8	56	68.5





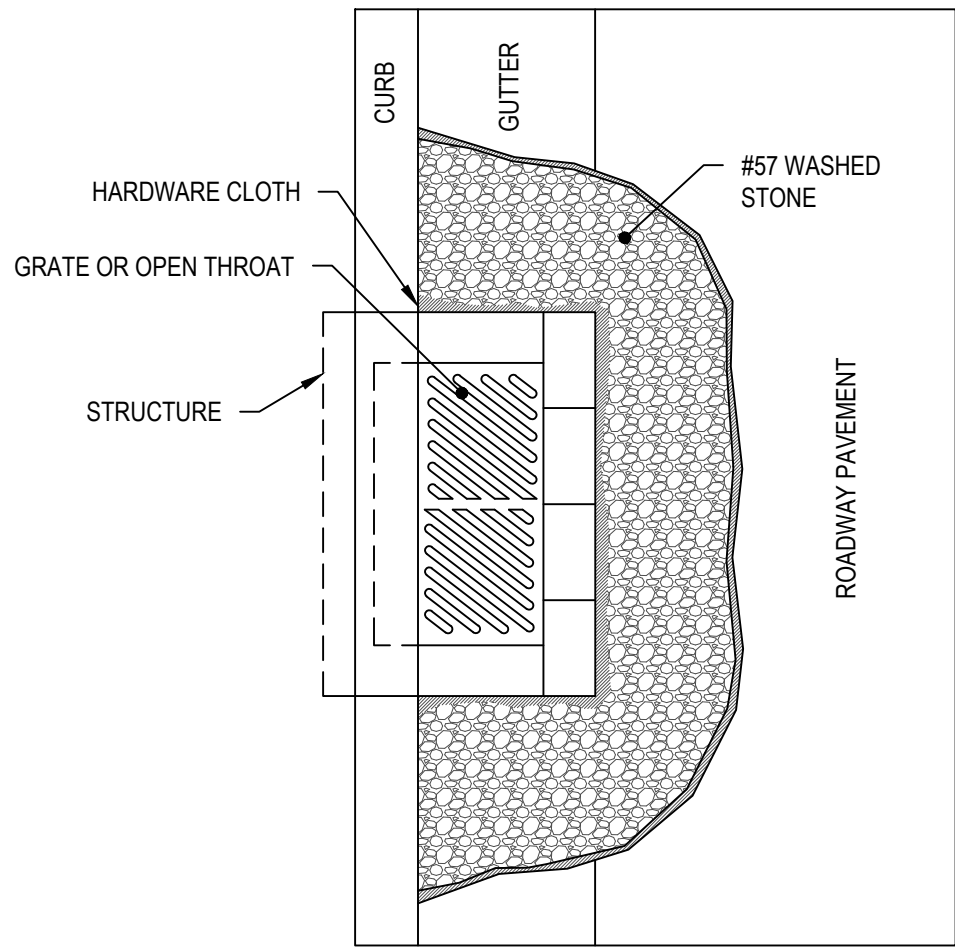
PERSPECTIVE VIEW

NOTES

- LAY ONE BLOCK ON EACH SIDE OF THE STRUCTURE ON ITS SIDE IN THE BOTTOM ROW TO ALLOW POOL DRAINAGE. PLACE BOTTOM ROW OF BLOCKS AGAINST THE EDGE OF THE CURB FOR LATERAL SUPPORT AND TO AVOID WASHOUTS WHEN OVERFLOW OCCURS. IF NEEDED, GIVE LATERAL SUPPORT TO THE SUBSEQUENT ROWS OF BLOCKS BY PLACING 2x4 WOOD STUDS THROUGH BLOCK OPENINGS.
- CAREFULLY FIT HARDWARE CLOTH OR COMPARABLE WIRE MESH WITH 1/2" OPENINGS OVER ALL BLOCK OPENINGS TO HOLD GRAVEL IN PLACE.
- USE #57 WASHED STONE PLACED 2" BELOW THE TOP OF THE BLOCK ON A 2:1 SLOPE OR FLATTER AND SMOOTH IT INTO AN EVEN GRADE.

BLOCK AND GRAVEL INLET PROTECTION (TEMPORARY)

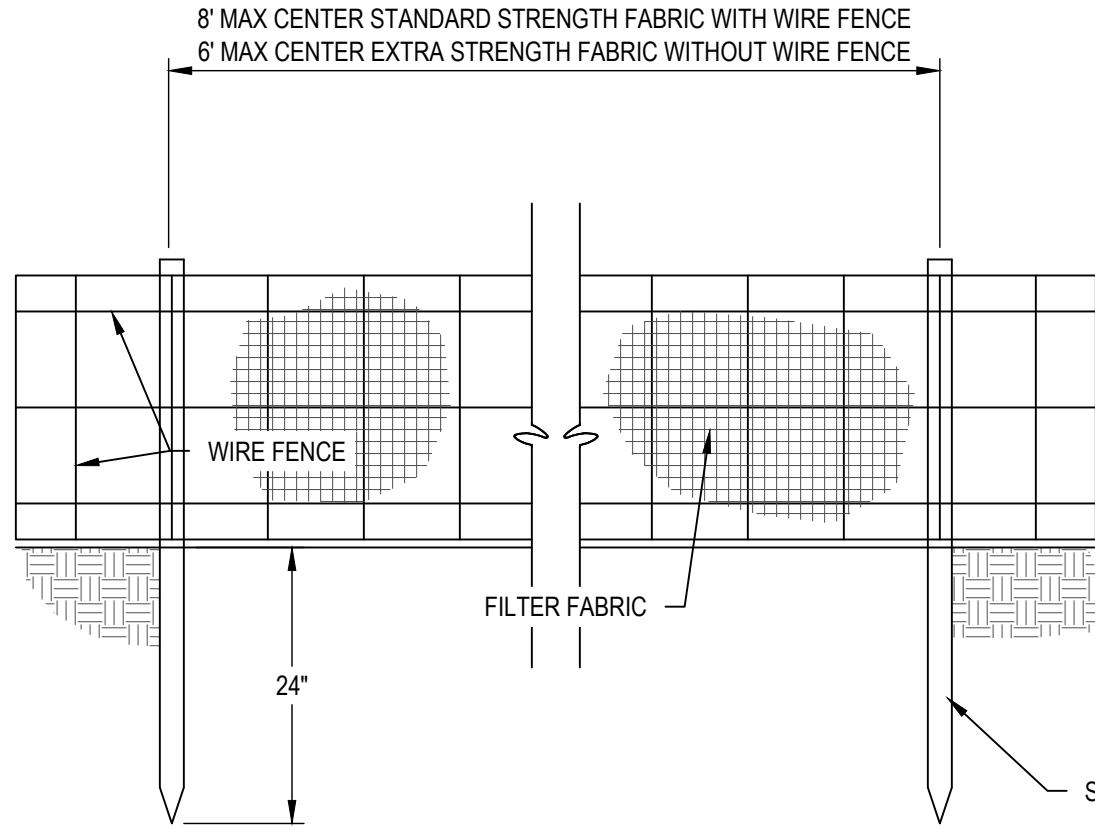
NOT TO SCALE



PLAN VIEW

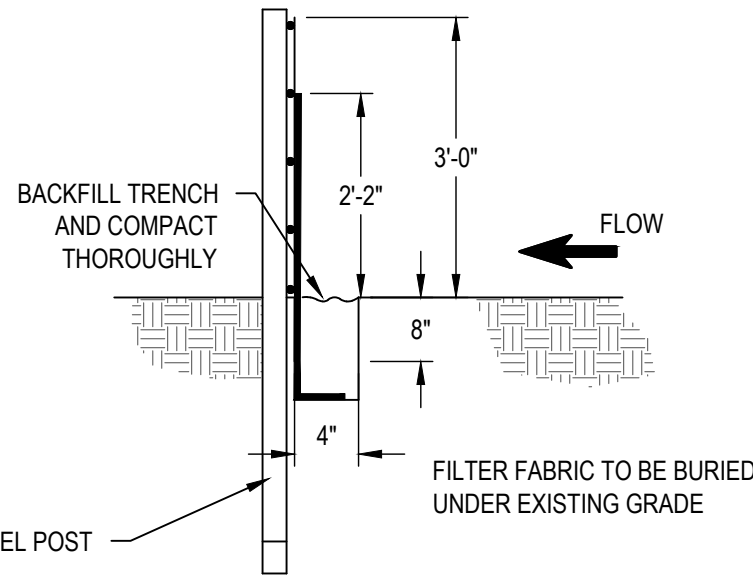
MAINTENANCE NOTE:

INSPECT THE BARRIER AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT (1/2 INCH OR GREATER) RAINFALL AND MAKE REPAIRS AS NEEDED. REMOVE SEDIMENT AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR SUBSEQUENT RAINS. WHEN THE CONTRIBUTING DRAINAGE AREA HAS BEEN ADEQUATELY STABILIZED, REMOVE ALL MATERIALS AND ANY UNSTABLE SOIL, AND EITHER SALVAGE OR DISPOSE OF IT PROPERLY. BRING THE DISTURBED AREA TO PROPER GRADE, THEN SMOOTH AND COMPACT IT. APPROPRIATELY STABILIZE ALL BARE AREAS AROUND THE INLET.



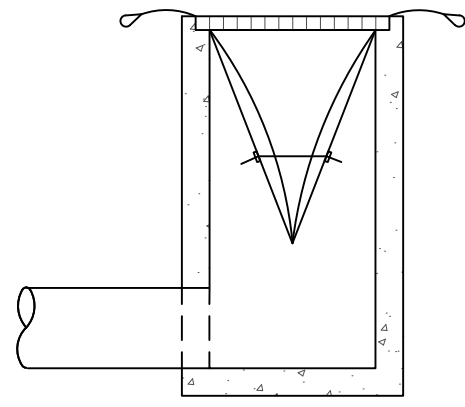
MAINTENANCE NOTES:

- INSPECT SEDIMENT FENCES AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL. MAKE ANY REQUIRED REPAIRS IMMEDIATELY.
- SHOULD THE FABRIC OF A SEDIMENT FENCE COLLAPSE, TEAR, DECOMPOSE OR BECOME INEFFECTIVE, REPLACE IT PROMPTLY.
- REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE. TAKE CARE TO AVOID UNDERMINING THE FENCE DURING CLEANOUT.
- REMOVE ALL FENCING MATERIALS AND UNSTABLE SEDIMENT DEPOSITS AND BRING THE AREA TO GRADE AND STABILIZE IT AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.

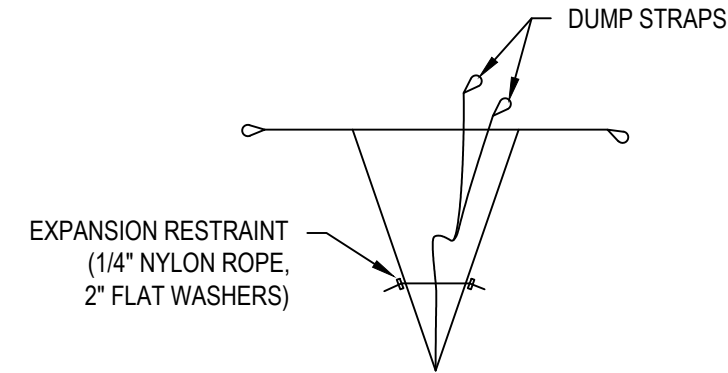


SILT FENCE

NOT TO SCALE



INSTALLATION DETAIL



MAINTENANCE NOTE:

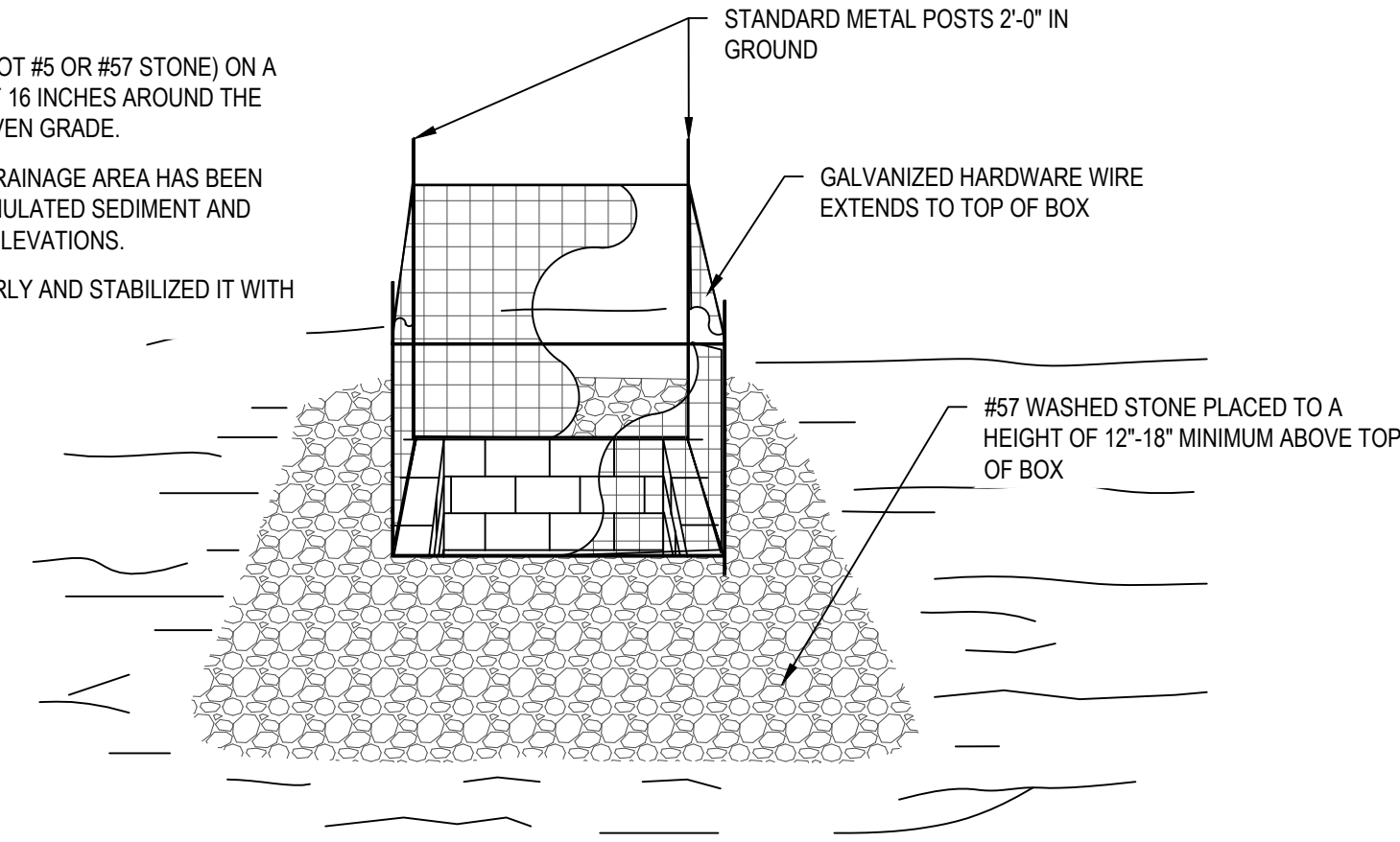
INSPECT INLETS AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT (1/2 INCH OR GREATER) RAINFALL EVENT. CLEAR THE SEDIMENT SACK OF ANY DEBRIS OR OTHER OBJECTS TO PROVIDE ADEQUATE FLOW FOR SUBSEQUENT RAINS. TAKE CARE NOT TO DAMAGE THE SEDIMENT SACK DURING SEDIMENT REMOVAL. REPLACE DAMAGED SEDIMENT SACKS IMMEDIATELY.

INLET SEDIMENT CONTROL DEVICE

NOT TO SCALE

HARDWARE CLOTH & GRAVEL INLET PROTECTION

NOT TO SCALE



MAINTENANCE NOTE:

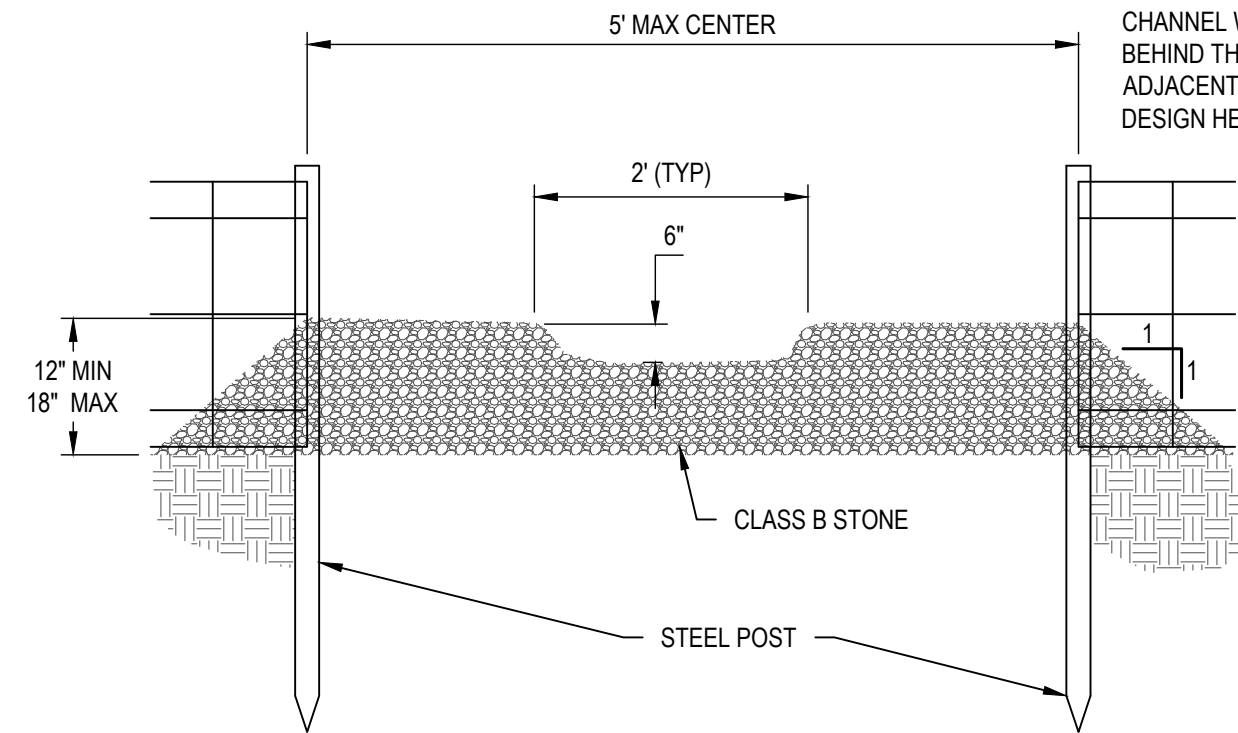
INSPECT INLETS AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT (1/2 INCH OR GREATER) RAINFALL EVENT. CLEAR THE MESH WIRE OF ANY DEBRIS OR OTHER OBJECTS TO PROVIDE ADEQUATE FLOW FOR SUBSEQUENT RAINS. TAKE CARE NOT TO DAMAGE OR UNDERCUT THE WIRE MESH DURING SEDIMENT REMOVAL. REPLACE STONE AS NEEDED.

NOTES

- UNIFORMLY GRADE A SHALLOW DEPRESSION APPROACHING THE INLET.
- DRIVE 5-FOOT STEEL POSTS 2 FEET INTO THE GROUND SURROUNDING THE INLET. SPACE POSTS EVENLY AROUND THE PERIMETER OF THE INLET A MAXIMUM OF 4 FEET APART.
- SURROUND THE POSTS WITH WIRE MESH HARDWARE CLOTH. SECURE THE WIRE MESH TO THE STEEL POSTS AT THE TOP, MIDDLE, AND BOTTOM. PLACE A 2-FOOT FLAP OF THE WIRE MESH UNDER THE GRAVEL FOR ANCHORING.
- PLACE CLEAN GRAVEL (NC DOT #5 OR #57 STONE) ON A 2:1 SLOPE WITH A HEIGHT OF 16 INCHES AROUND THE WIRE AND SMOOTH TO AN EVEN GRADE.
- ONCE THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED, REMOVE ACCUMULATED SEDIMENT AND ESTABLISH FINAL GRADING ELEVATIONS.
- COMPACT THE AREA PROPERLY AND STABILIZE IT WITH GROUND COVER.

MAINTENANCE NOTE:

INSPECT FOR SIGNIFICANT EROSION AROUND THE EDGES & BETWEEN SILT FENCE & OUTLET. INSTALL PROTECTIVE RIPRAP LINERS IN PORTIONS OF THE CHANNEL WHERE EROSION OCCURS. REMOVE SEDIMENT ACCUMULATED BEHIND THE OUTLETS AS REQUIRED PREVENTING DAMAGE TO SILT FENCE & ADJACENT VEGETATION. ADD STONES TO OUTLETS AS REQUIRED MAINTAINING DESIGN HEIGHT & CROSS SECTION.



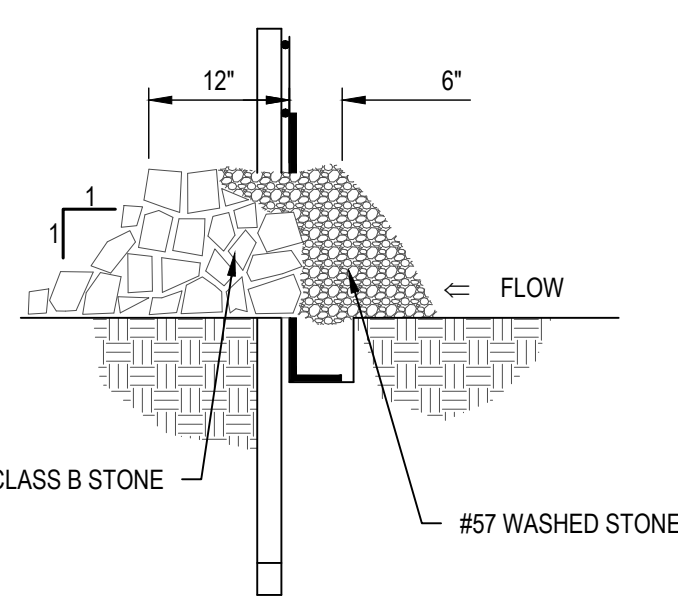
DAM SECTION

NOTE:

- POSTS TO BE BURIED A MINIMUM OF 24".

SILT FENCE OUTLET-STONE

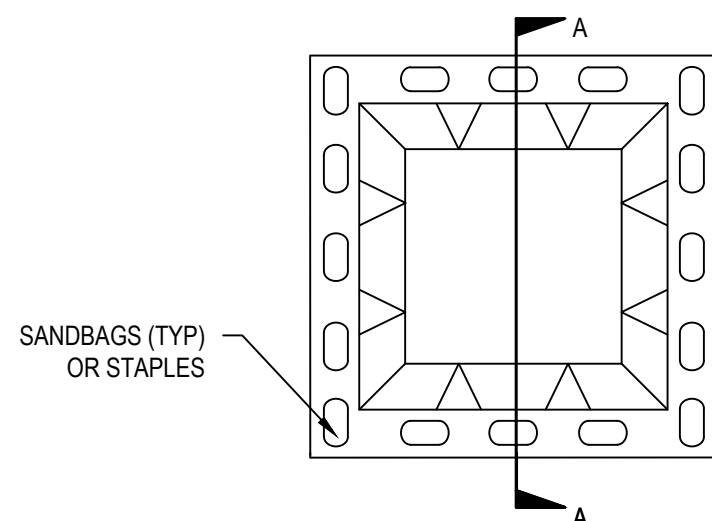
NOT TO SCALE



CROSS SECTION

EROSION CONTROL NOTES:

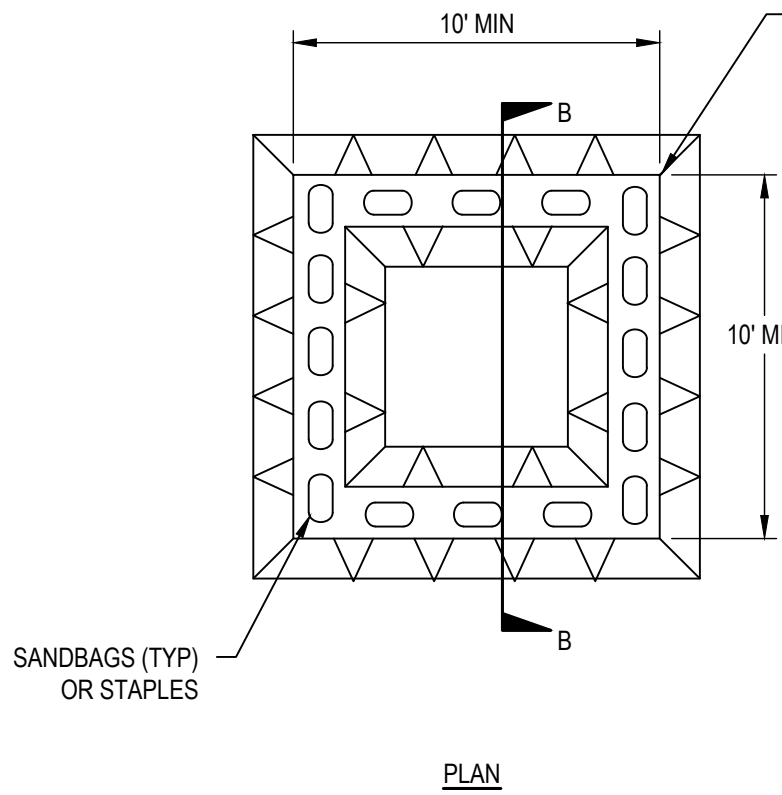
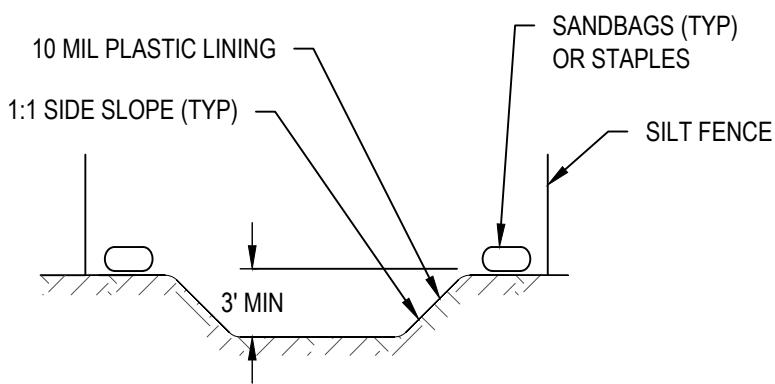
- CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING AND INSTALLING ALL EROSION CONTROL MEASURES TO ACCOUNT FOR ANY EROSION THAT MAY OCCUR.



MAINTENANCE NOTE:

- THE CONCRETE WASHOUT STRUCTURES SHALL BE MAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES CAPACITY.

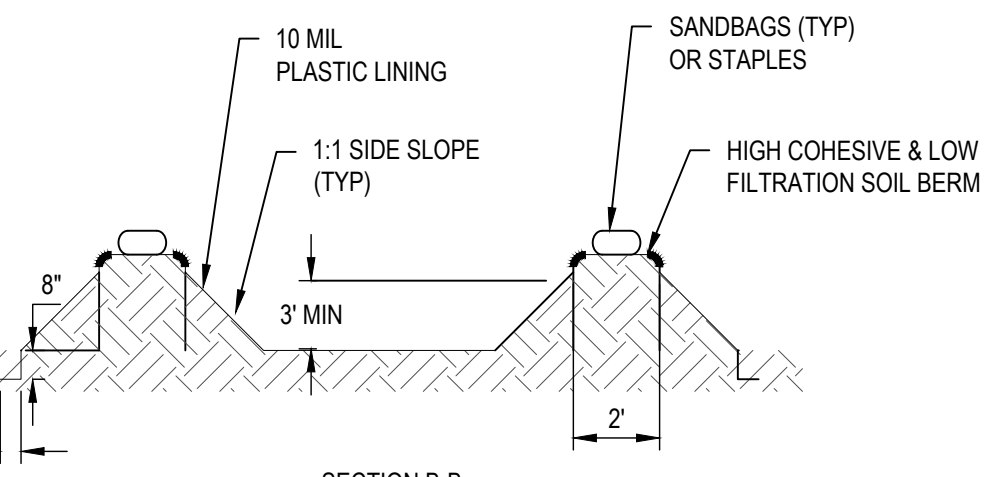
BELOW GRADE WASHOUT STRUCTURE



MAINTENANCE NOTE:

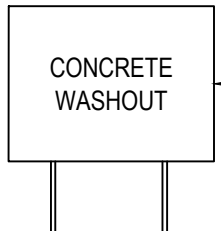
- THE CONCRETE WASHOUT STRUCTURES SHALL BE MAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES CAPACITY TO PROVIDE ADEQUATE HOLDING CAPACITY WITH A MINIMUM 12 INCHES OF FREEBOARD.

ABOVE GRADE WASHOUT STRUCTURE



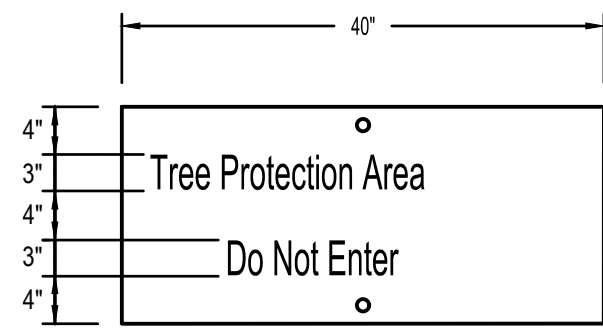
NOTES:

- ACTUAL LOCATION DETERMINED IN FIELD
- CONCRETE WASHOUT STRUCTURE NEEDS TO BE CLEARLY MARKED WITH SIGNAGE NOTING DEVICE.



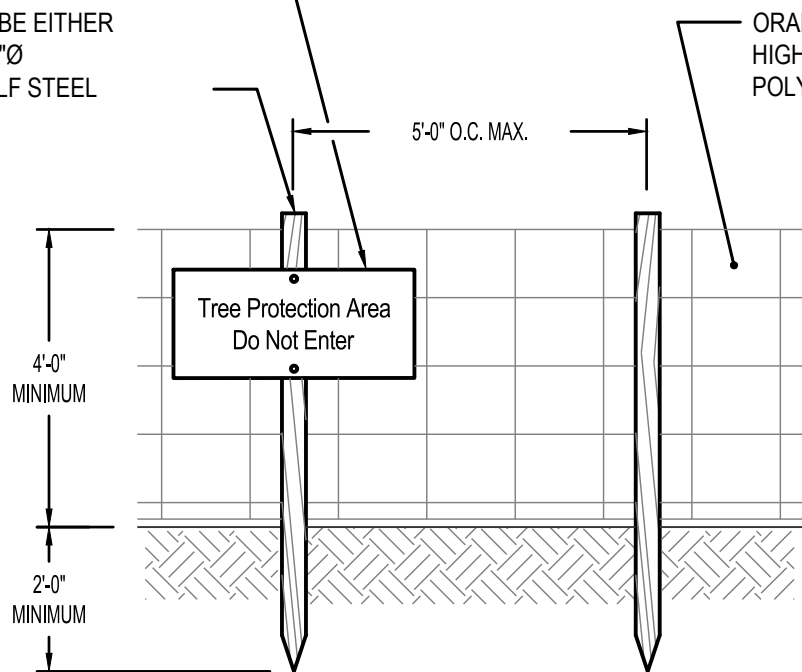
ONSITE CONCRETE WASHOUT STRUCTURE WITH LINER

NOT TO SCALE



WEATHERPROOF SIGN AS SHOWN ABOVE. SEE NOTES BELOW FOR CONSTRUCTION AND SPACING DATA.

POST MAY BE EITHER 4"x4" PINE, 2"x2" OR 1.33 lb./LF STEEL



NOTES:

- WARNING SIGNS TO BE MADE OF DURABLE, WEATHERPROOF MATERIAL.
- LETTERS ARE TO BE 3" HIGH MIN., CLEARLY LEGIBLE AND SPACED AS DETAILED.
- SIGNS ARE TO BE PLACED NO GREATER THAN 200' ON CENTER.
- PLACE SIGN AT EACH END OF LINEAR TREE PROTECTION AREA AND ON CENTER THEREAFTER FOR TREE PROTECTION AREAS LESS THAN 200' IN PERIMETER. PROVIDE NO LESS THAN ONE SIGN PER PROTECTION AREA.
- ATTACH SIGNS SECURELY TO FENCE POST AND FABRIC.
- MAINTAIN TREE PROTECTION FENCE THROUGHOUT DURATION OF PROJECT.

TREE PROTECTION FENCE

NTS



CONSTRUCTION PLANS  
ROBESON COUNTY  
MAXTON GENERATORS  
CRI-155-0014

MAXTON, NC 28364 | ROBESON

ROBESON COUNTY  
550 NORTH CHESTNUT STREET  
LUMBERTON, NC 29388

WithersRavenel  
115 McKean Drive | Cary, NC 27511  
License #: F-1479 | t: 919.469.3340 | www.withersravenel.com

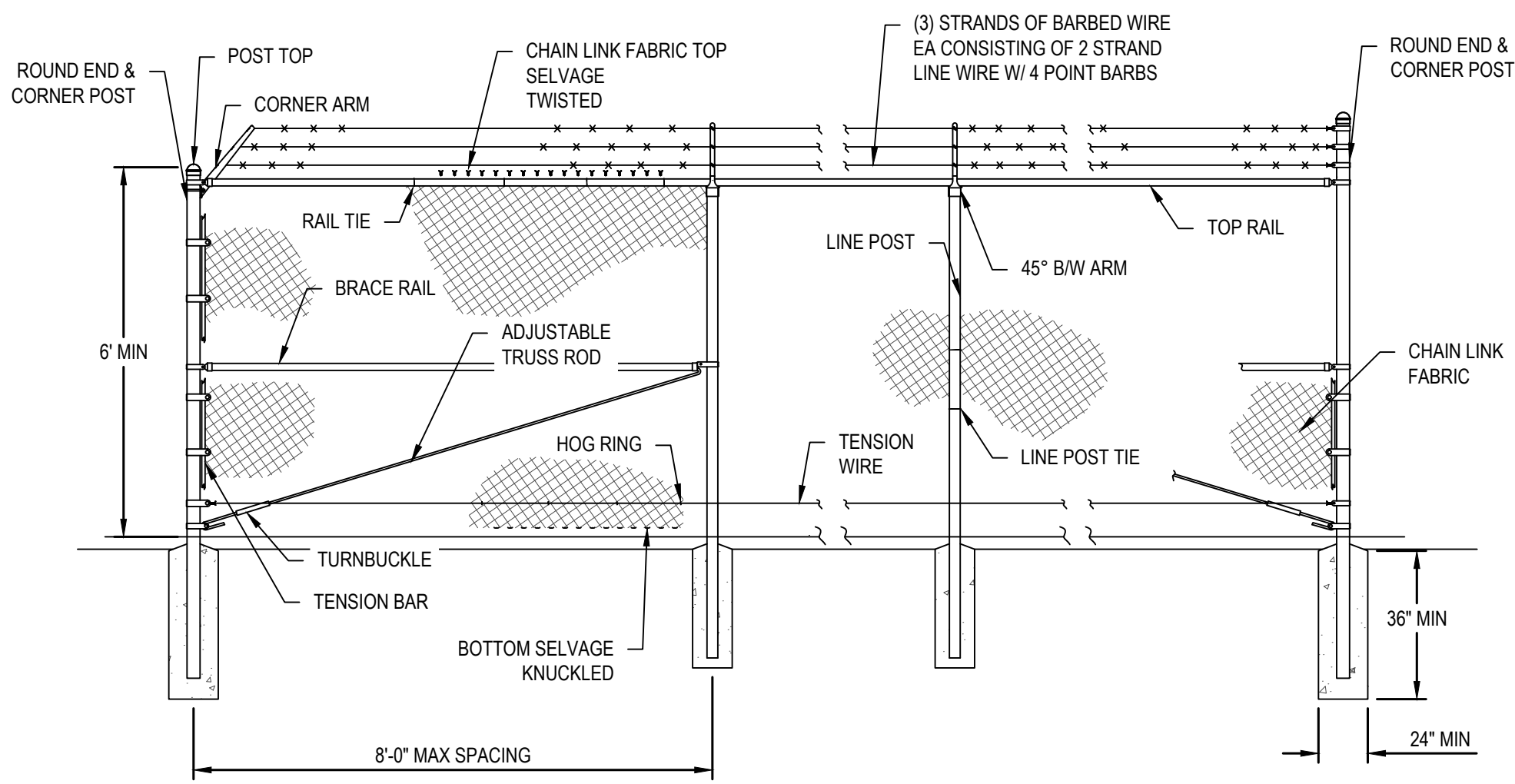
EROSION CONTROL  
DETAILS

WR Job No. 06211005.00 DATE 01/25/2023  
DRN: DAC DGN: DAC CKD: LM

C1.00



\\withersravel.com\witherscorp\robeson\WR\Share\questions\21121-1000211005-robeson.co-maxton-generator-project\CAD\drawing sets\construction\1.DWG.dwg Wednesday, January 25, 2023 1:57:59 PM - ACHIEK



CHAIN LINK FENCE  
NOT TO SCALE

WR Job No.	DATE
06211005.00	01/25/2023
DRN: DAC	DGN: DAC
CKD: LM	

STANDARD  
DETAILS

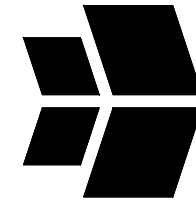
C1.01



CONSTRUCTION PLANS  
**ROBESON COUNTY**  
**MAXTON GENERATORS**  
**CRI-155-0014**

MAXTON, NC 28364 | ROBESON

**ROBESON COUNTY**  
550 NORTH CHESTNUT STREET  
LUMBERTON, NC 29388



**WithersRavenel**  
115 McKean Drive | Cary, NC 27511  
License #: F-1479 | t: 919.469.3340 | www.withersravenel.com

**Section 106 ATTACHMENT 3:**

**Subject Properties' Current Photographs**



Maxton Sewer Lift Station **No. 5**, 303 N. Hooper Street, Maxton, NC 28364





Maxton Sewer Lift Station No. 7, 904 US 74 BUS, Maxton, NC 28364





Maxton Sewer Lift Station **No. 10**, 627 NC Highway 71N, Maxton, NC 28364





Maxton Sewer Lift Station No. 11, 2074 NC Highway 71N, Maxton, NC 28364



Culvert towards Lumber River (below left)





# Tribal Directory Assessment Information



## Contact Information for Tribes with Interests in Robeson County, North Carolina

Tribal Name					County Name		
<div> <div></div> Catawba Indian Nation </div>					Robeson		
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/

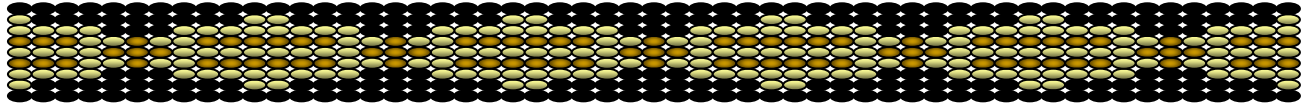
1 - 1 of 1 results

« < 1 > »

10 ▼

Catawba Indian Nation  
Tribal Historic Preservation Office  
1536 Tom Steven Road  
Rock Hill, South Carolina 29730

Office 803-328-2427



March 1, 2023

Attention: Andrea Gievers  
NC Department of Public Safety  
P.O. Box 110465  
Durham, NC 27709

Re. THPO #	TCNS #	Project Description
2023-1119-4		Town of Maxton Sewer Lift Stations – Maxton, 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](mailto:Caitlin.Rogers@catawba.com).

Sincerely,

Wenonah G. Haire  
Tribal Historic Preservation Officer





# North Carolina Department of Public Safety

## Office of Recovery and Resiliency

Roy Cooper, Governor  
Eddie M. Buffaloe, Jr., Secretary

Laura H. Hogshead, Director

January 31, 2023

Chief Bill Harris  
Catawba Indian Nation  
996 Avenue of the Nations  
Rock Hill, SC 29730

RE: Section 106 Review - HUD CDBG-DR Program  
Town of Maxton Sewer Lift Station Generators  
Four Sewer Lift Stations  
Maxton, NC 28364

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



*An Equal Opportunity Employer*

**Phone: (984) 833-5350**  
[www.ncdps.gov](http://www.ncdps.gov)  
[www.rebuild.nc.gov](http://www.rebuild.nc.gov)

Area of Potential Effects (APE) under §800.16(d): We have defined the APE as the boundary of the proposed sites for construction (Subject Properties) located at the four existing Town of Maxton Sewer Lift Stations (SLS). The individual maps identifying their locations are included in **Attachment 1** for your review. Maxton SLS **No. 5** located at 303 N. Hooper Street, Maxton, NC 28364 is Town-owned, identified as Parcel ID 330601026, and consists of 0.41 acre. Maxton SLS **No. 7** located at 904 US 74 BUS, Maxton, NC 28364 is Town-owned, identified as Parcel ID 33030102001, and consists of 0.33 acre. Maxton SLS **No. 10** located at 627 NC Highway 71N, Maxton, NC 28364 is Town-owned, identified as Parcel ID 11030100143, and consists of 0.47 acre. Maxton SLS **No. 11** located at 2074 NC Highway 71N, Maxton, NC 28364 is County-owned, identified as Parcel ID 110202001, and consists of approximately 1.43 acres.

The State of North Carolina was adversely impacted by the landfall of Hurricanes Matthew (October 8, 2016) and Florence (September 14, 2018). During the Hurricane Matthew storm event, the Town of Maxton lost primary power for an extended time, which adversely impacted the Town's ability to maintain its sewage treatment facility and peripheral sewer lift stations. The loss of sewage treatment capacity caused an immediate threat to the health and safety of the Town's residents. This proposed project will utilize CDBG-DR funding to install auxiliary power generators at four (4) sewer lift stations which move raw sewage from neighborhoods in the Town to the central processing facility, and will mitigate against potential backups and lack of capacity during future storm events. Therefore, funding for the proposed project will be provided in part by the HUD CDBG-DR North Carolina Infrastructure Recovery Program for Hurricane Matthew storm recovery activities in North Carolina.

Proposed Project Description: The Town of Maxton seeks to purchase and install appropriately-sized auxiliary power generators at the sites outlined above, each with automatic transfer switching capability. The proposed project site plans are included in **Attachment 2**. During Hurricane Matthew and its aftermath, the Town's primary power source was lost, causing the Town's sewer lift stations to go offline, creating a threat to public safety resulting from sewage backups into residences served by the offline sewer lift stations. Robeson County, on behalf of the Town of Maxton, has procured engineering services to provide design drawings for the purchase of auxiliary power generators of varying sizes to alleviate the effects of future primary power loss, per the following:

**SLS No. 5:** One (1) 25kW, 240/120v three-phase, diesel-powered auxiliary power generator will be situated in the northwest quadrant of the property. Generator equipment will include a belly-mounted, integrated 25-gallon fuel tank, battery and charger, and control panel equipment with automatic circuit breakers. The generator will also include automatic transfer switching. In the event of primary power failure, the automatic transfer switch (ATS) will sense loss of primary power and automatically start the generator. Specifications for the ATS include a 400A, 120/240V, 60Hz voltage rating. The switch will be installed adjacent to the new control panel and circuit breaker equipment, 6' above-grade and connected to the generator equipment set via underground conduit. The generator package will be set upon a newly constructed, reinforced concrete pad, 8' x 4' x 8," with 4" of the pad below- and 4" above-grade. New electrical panels and controls will be installed on an erected power panel, attached to metal support poles, anchored 4' below-grade. Electrical connections from the generator to/from the control panel and ATS, and



subsequent connections to the lift station will be via underground conduit, installed by directional drilling.

**SLS No. 7:** One (1) 40kW, 240/120v three-phase, diesel-powered auxiliary power generator will be situated in the northwest quadrant of the property. Generator equipment will include a belly-mounted, integrated 30-gallon fuel tank, battery and charger, and control panel equipment with automatic circuit breakers. The generator will also include automatic transfer switching. In the event of primary power failure, the ATS will sense loss of primary power and automatically start the generator. Specifications for the ATS include a 400A, 120/240V, 60Hz voltage rating. The switch will be installed adjacent to the new control panel and circuit breaker equipment, 6' above-grade and connected to the generator equipment set via underground conduit. The generator package will be set upon a newly constructed, reinforced concrete pad, 8' x 4' x 8," with 4" of the pad below- and 4" above-grade. New electrical panels and controls will be installed on an erected power panel, attached to metal support poles, anchored 4' below-grade. Electrical connections from the generator to/from the control panel and ATS, and subsequent connections to the lift station will be via underground conduit, installed by directional drilling. ***SLS No. 7 is the only site where the existing fence will be extended to accommodate the generator placement on the western side of the current fence line.***

**SLS No. 10:** One (1) 60kW, 240/120v three-phase, diesel-powered auxiliary power generator will be situated in the southwest quadrant of the property. Generator equipment will include a belly-mounted, integrated 35-gallon fuel tank, battery and charger, and control panel equipment with automatic circuit breakers. The generator will also include automatic transfer switching. In the event of primary power failure, the ATS will sense loss of primary power and automatically start the generator. Specifications for the ATS include a 400A, 120/240V, 60Hz voltage rating. The switch will be installed adjacent to the new control panel and circuit breaker equipment, 6' above-grade and connected to the generator equipment set via underground conduit. The generator package will be set upon a newly constructed, reinforced concrete pad, 8' x 4' x 8," with 4" of the pad below- and 4" above-grade. New electrical panels and controls will be installed on an erected power panel, attached to metal support poles, anchored 4' below-grade. Electrical connections from the generator to/from the control panel and ATS, and subsequent connections to the lift station will be via underground conduit, installed by directional drilling.

**SLS No. 11:** One (1) 40kW, 240/120v three-phase, diesel-powered auxiliary power generator will be situated on the southern edge of the subject property. Generator equipment will include an integrated 30-gallon fuel tank, battery and charger, and control panel equipment with automatic circuit breakers. The generator will also include automatic transfer switching. In the event of primary power failure, the ATS will sense loss of primary power and automatically start the generator. Specifications for the ATS include a 400A, 120/240V, 60Hz voltage rating. The switch will be installed adjacent to the new control panel and circuit breaker equipment, 6' above-grade and connected to the generator equipment set via underground conduit. The generator package and electrical panels and circuitry will be mounted on a steel frame 2' feet above base flood elevation (BFE). The steel frame will be mounted on steel posts, anchored 4' below current grade. Electrical connections from the control panel and ATS equipment will be made at the terminating panels within the lift station via underground conduit, installed by directional drilling.

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. NCORR reviewed the National Register of Historic Places (NRHP) and North Carolina State Historic Preservation Office's (NC SHPO) HPOWEB maps and conducted site inspections for historic resources located near the Subject Properties. There are no historic sites located within 500 feet of Maxton Sewer Lift Station **No. 5**, 303 N. Hooper Street, Maxton, NC 28364. SLS No. 5 is located approximately 0.24 miles from the Maxton Historic District. Within 500 feet of Maxton Sewer Lift Station **No. 7**, 904 US 74 Business, Maxton, NC 28364, there is one historic site identified as SD RB0338: Houses & Church (Gone) on Brooklyn Street noting Church demo and replaced with new building between 1993-1998. There are no historic sites located within 500 feet of Maxton Sewer Lift Station **No. 10**, 627 NC Highway 71N, Maxton, NC 28364. There are no historic sites located within 500 feet of Maxton Sewer Lift Station **No. 11**, 2074 NC Highway 71N, Maxton, NC 28364. The results are included in **Attachment 1**.

The proposed project information is being sent to the NC SHPO in accordance with Section 106 of the NHPA and its implementing regulations, 36 CFR Part 800. The Lumbee Tribe of NC has been sent a notification of the proposed project. The Maxton **No. 5** sewer lift station was built in 1967. Maxton **Nos. 7, 10, and 11** sewer lift stations were built in 1980. The Subject Properties' site 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](mailto: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](mailto:Andrea.L.Gievers@Rebuild.NC.gov). Thank you for your time and assistance.

Sincerely,



Andrea Gievers, JD, MSEL, ERM  
NCORR Environmental Subject Matter Expert

**Proposed Project Enclosures:**

Attachment 1: Proposed Project Location, NRHP and NC HPOWEB Maps

Attachment 2: Proposed Project 95% Design Plans

Attachment 3: Subject Properties' Site Photographs

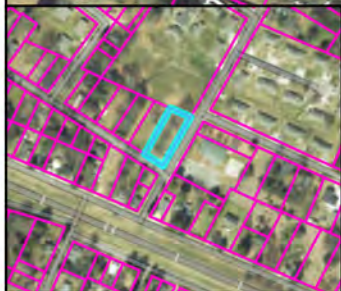
cc: Dr. Wenonah George Haire, THPO, Catawba Indian Nation, 1536 Tom Steven Road, Rock Hill, SC 29730

**Section 106 ATTACHMENT 1:**

**Proposed Project Location,  
NRHP and NC HPOWEB Maps**

**Maxton Sewer Lift Station No. 5**  
**303 N. Hooper Street, Maxton, NC 28364**





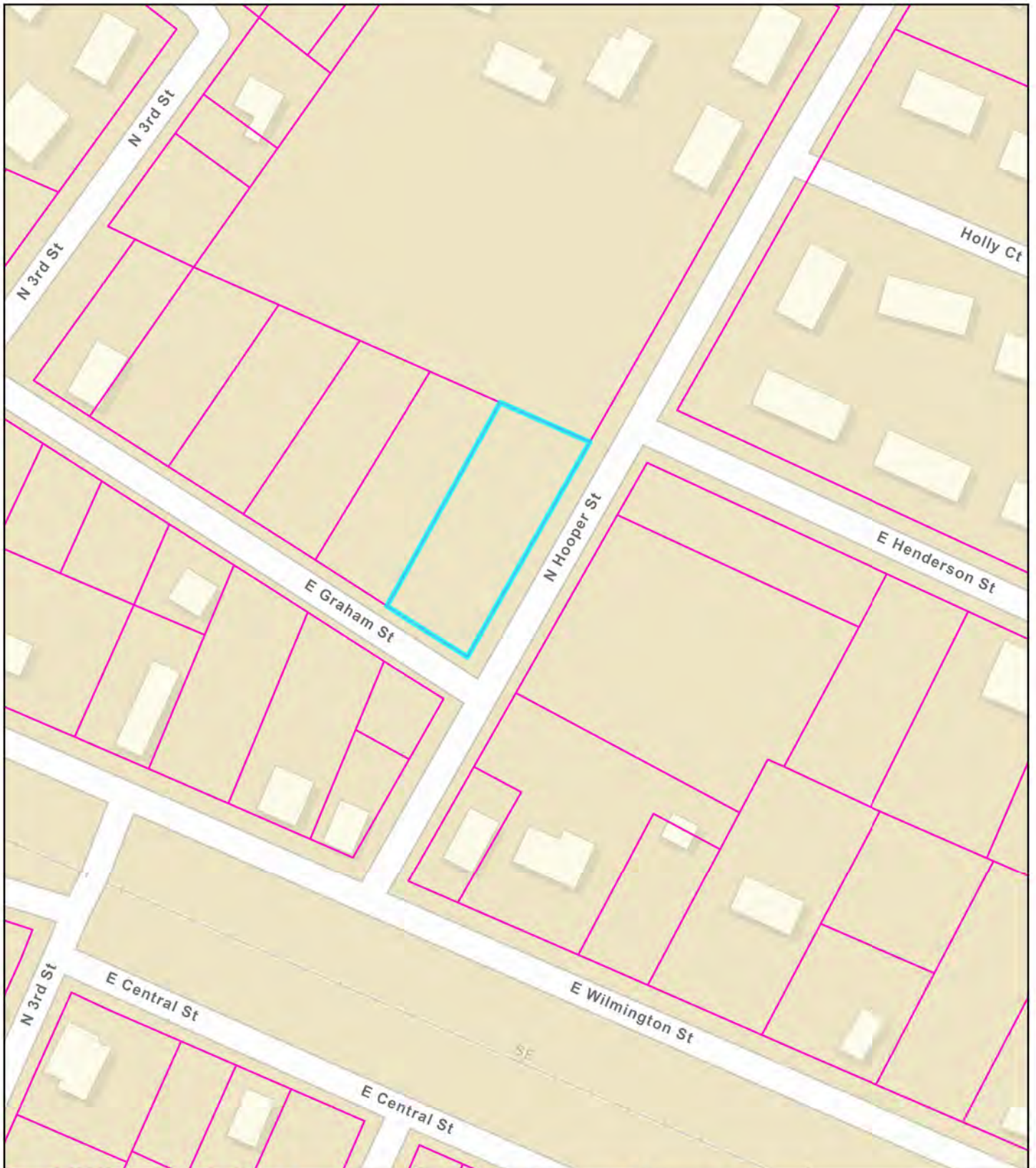
**Maxton Sewer Lift Station Generators**  
**No. 5, 303 N. Hooper Street**  
**Maxton, Robeson County, NC**

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



0 90 180 360  
Feet





**Maxton Sewer Lift Station Generators**  
**No. 5, 303 N. Hooper Street**  
**Maxton, Robeson County, NC**

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



0 90 180 360  
Feet





**Maxton Sewer Lift Station Generators**  
**No. 5, 303 N. Hooper Street**  
**Maxton, Robeson County, NC**

USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National



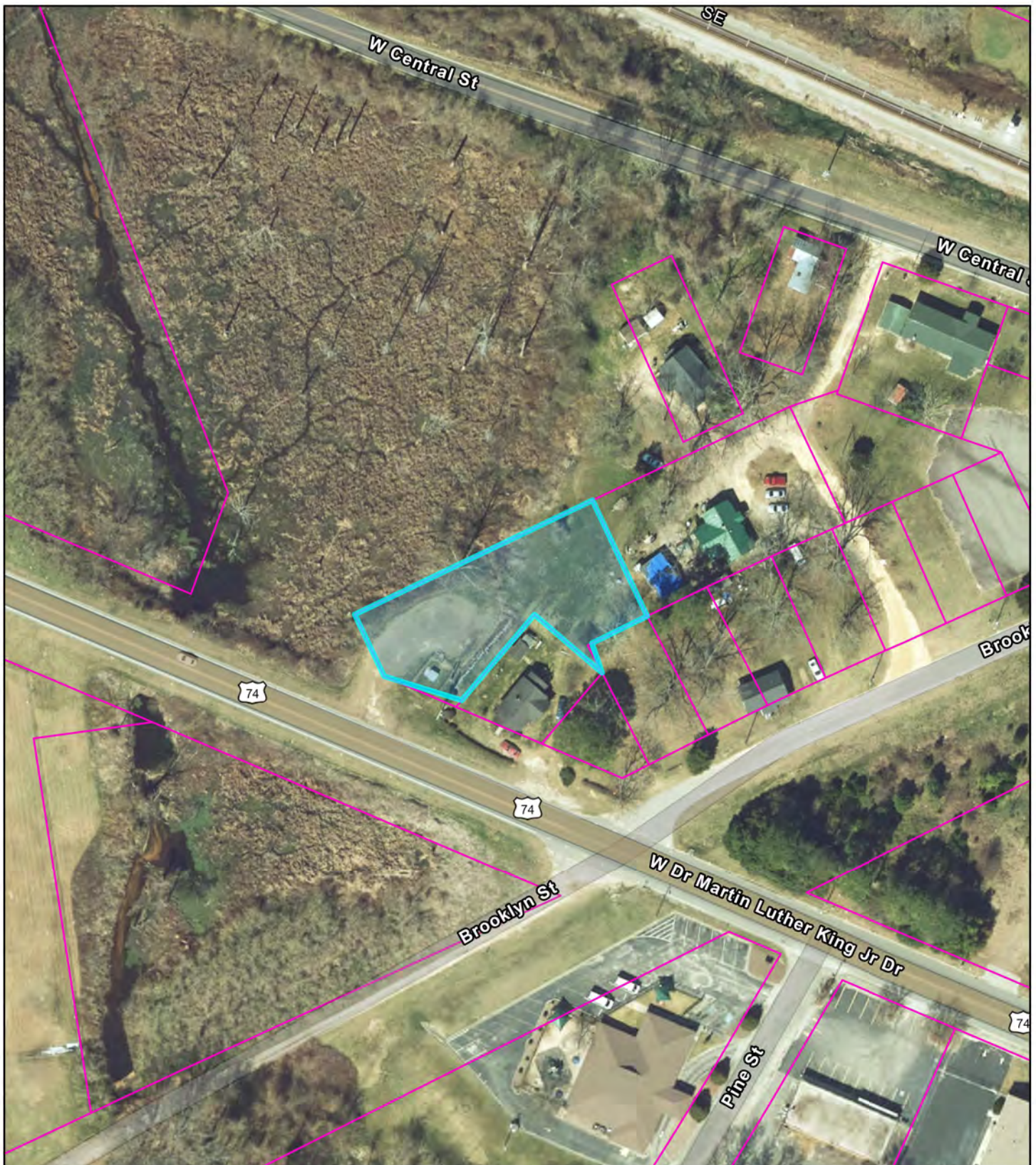
0 90 180 360  
Feet



Land Value Detail (Effective Date January 1, 2010, date of County's most recent General Reappraisal)		
Land Market Value (LMV) \$	Land Present-Use Value (PUV) \$ **	Land Total Assessed Value \$
<b>9,800</b>	<b>9,800</b>	<b>9,800</b>
** Note: If PUV equal LMV then parcel <i>has not</i> qualified for present use program		

**Maxton Sewer Lift Station No. 7**  
**904 US 74 BUS, Maxton, NC 28364**





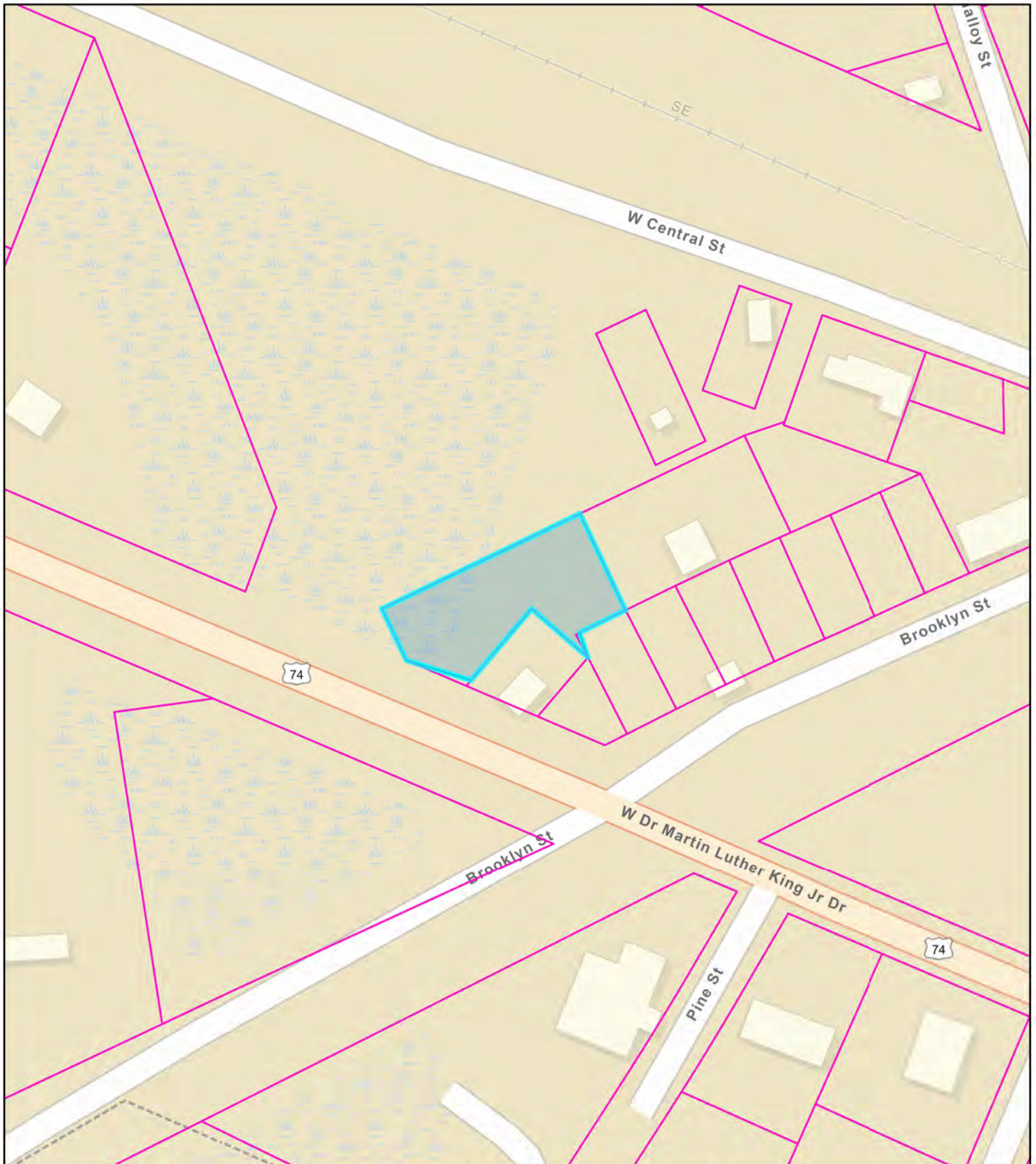
**Maxton Sewer Lift Station Generators**  
**No. 7, 904 US 74 Business**  
**Maxton, Robeson County, NC**

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



0 35 70 140  
Feet





**Maxton Sewer Lift Station Generators**  
**No. 7, 904 US 74 Business**  
**Maxton, Robeson County, NC**

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



0 40 80 160  
Feet





**Maxton Sewer Lift Station Generators**  
**No. 7, 904 US 74 Business**  
**Maxton, Robeson County, NC**

USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National



0 40 80 160  
Feet



Land Value Detail (Effective Date January 1, 2010, date of County's most recent General Reappraisal)		
Land Market Value (LMV) \$	Land Present-Use Value (PUV) \$ **	Land Total Assessed Value \$
<b>3,600</b>	<b>3,600</b>	<b>3,600</b>
** Note: If PUV equal LMV then parcel <i>has not</i> qualified for present use program		

**Maxton Sewer Lift Station No. 10**  
**627 NC Highway 71N, Maxton, NC 28364**





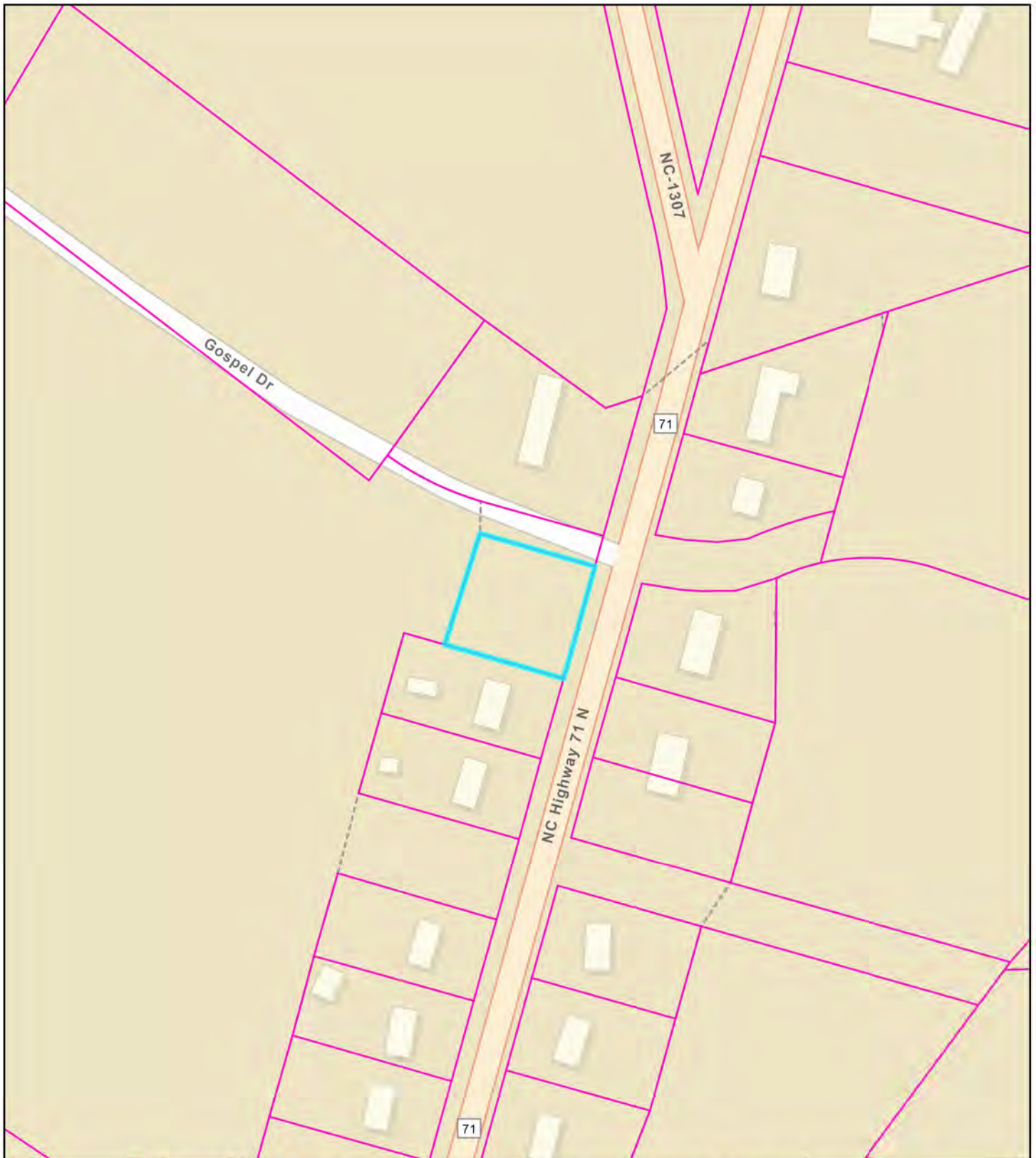
**Maxton Sewer Lift Station Generators**  
**No. 10, 627 NC Highway 71N**  
**Maxton, Robeson County, NC**

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



0 55 110 220  
Feet



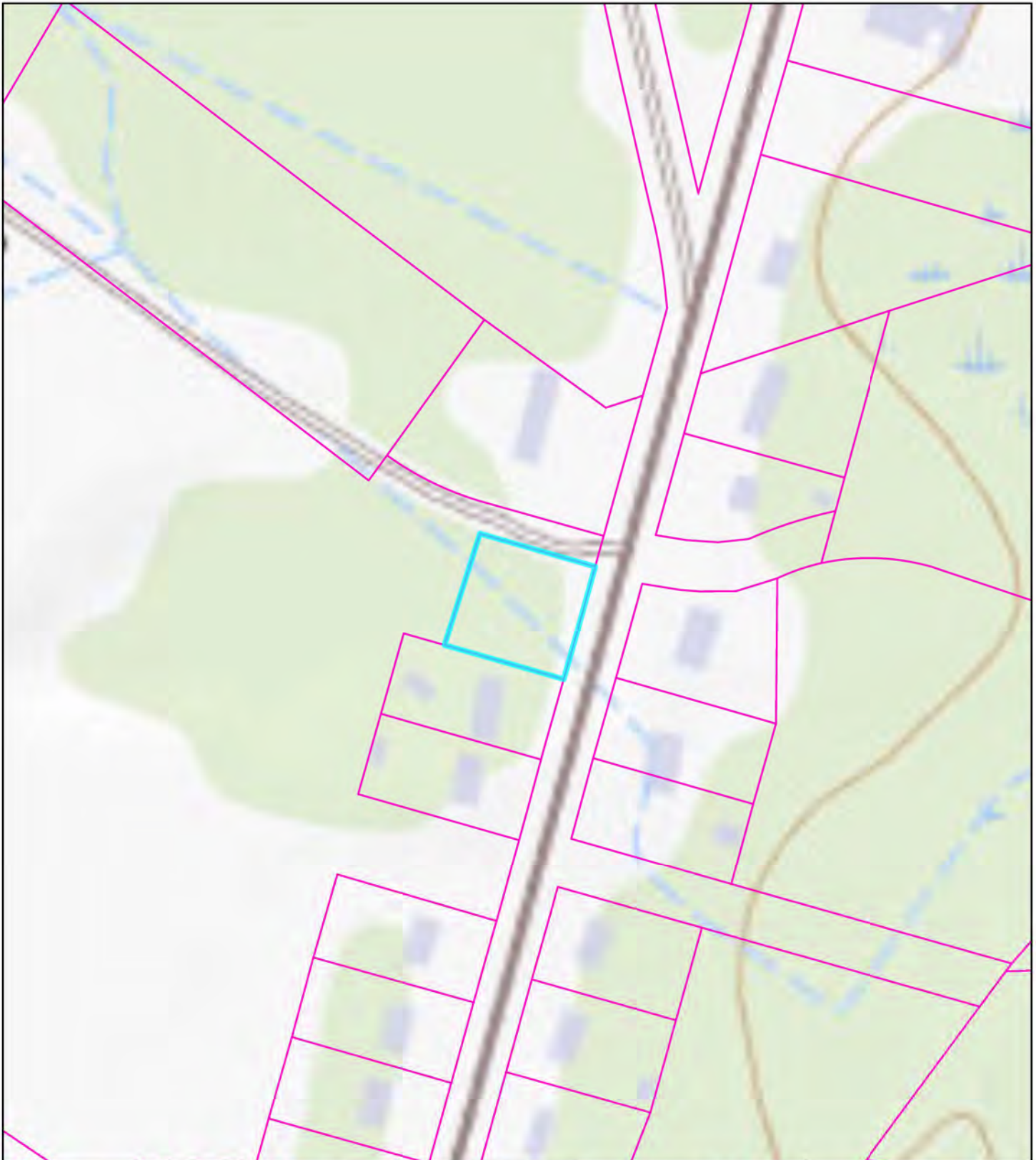


**Maxton Sewer Lift Station Generators**  
**No. 10, 627 NC Highway 71N**  
**Maxton, Robeson County, NC**

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



0 55 110 220  
Feet



**Maxton Sewer Lift Station Generators**  
**No. 10, 627 NC Highway 71N**  
**Maxton, Robeson County, NC**

USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National



0 55 110 220  
Feet



**\*\* Note: If PUV equal LMV then parcel *has not* qualified for present use program**

**Maxton Sewer Lift Station No. 11**  
**2074 NC Highway 71N, Maxton, NC 28364**





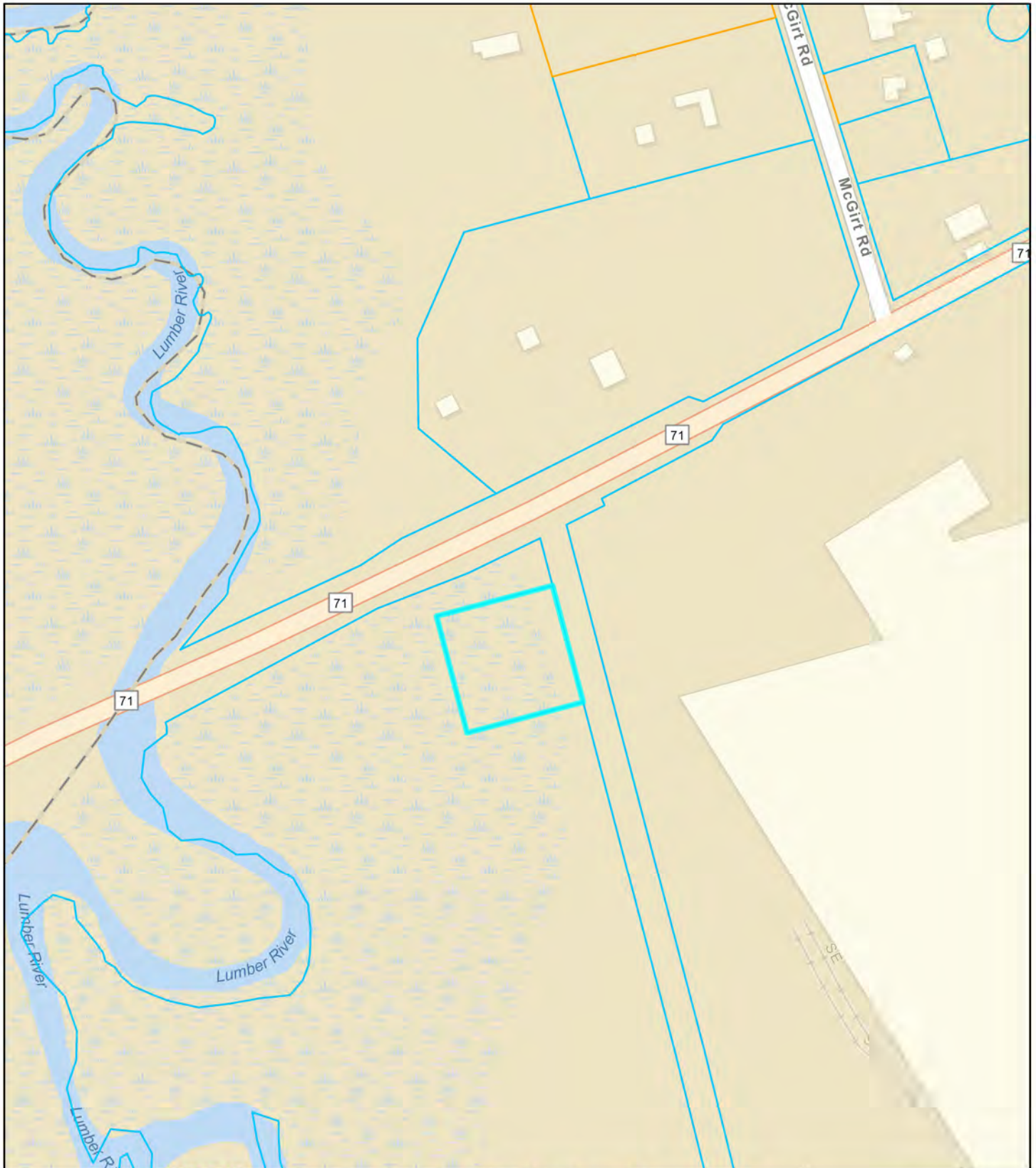
**Maxton Sewer Lift Station Generators**  
**No. 11, 2074 NC Highway 71N**  
**Maxton, Robeson County, NC**

USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National



0 40 80 160  
Feet





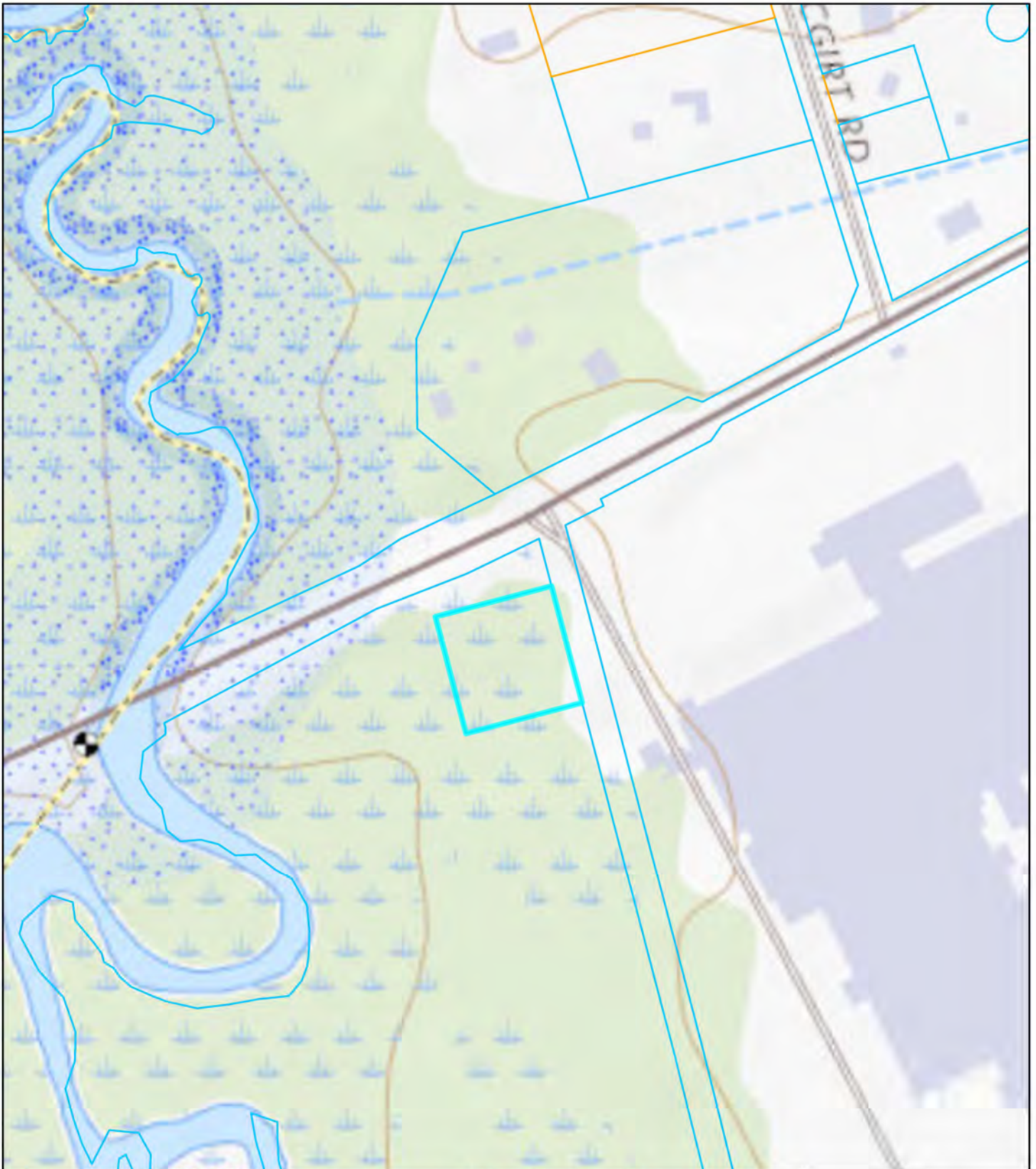
**Maxton Sewer Lift Station Generators**  
**No. 11, 2074 NC Highway 71N**  
**Maxton, Robeson County, NC**

USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National



0 40 80 160  
Feet





**Maxton Sewer Lift Station Generators**  
**No. 11, 2074 NC Highway 71N**  
**Maxton, Robeson County, NC**

USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National



0 40 80 160  
Feet

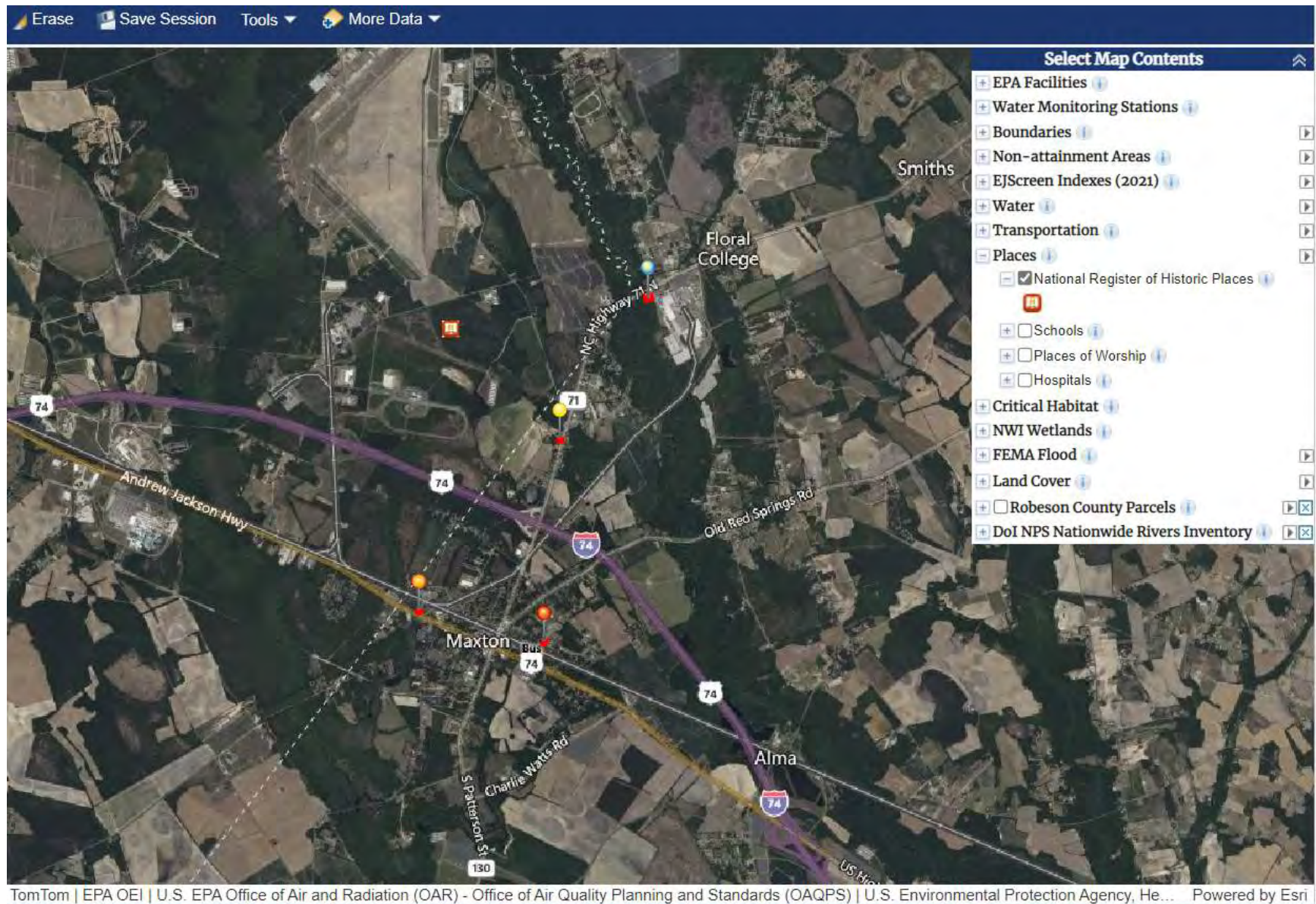


Land Value Detail (Effective Date January 1, 2010, date of County's most recent General Reappraisal)		
Land Market Value (LMV) \$	Land Present-Use Value (PUV) \$ **	Land Total Assessed Value \$
<b>12,200</b>	<b>12,200</b>	<b>12,200</b>
** Note: If PUV equal LMV then parcel <i>has not</i> qualified for present use program		

# **Historic Preservation Maps**



## Maxton Sewer Lift Station Generators – NRHP Map



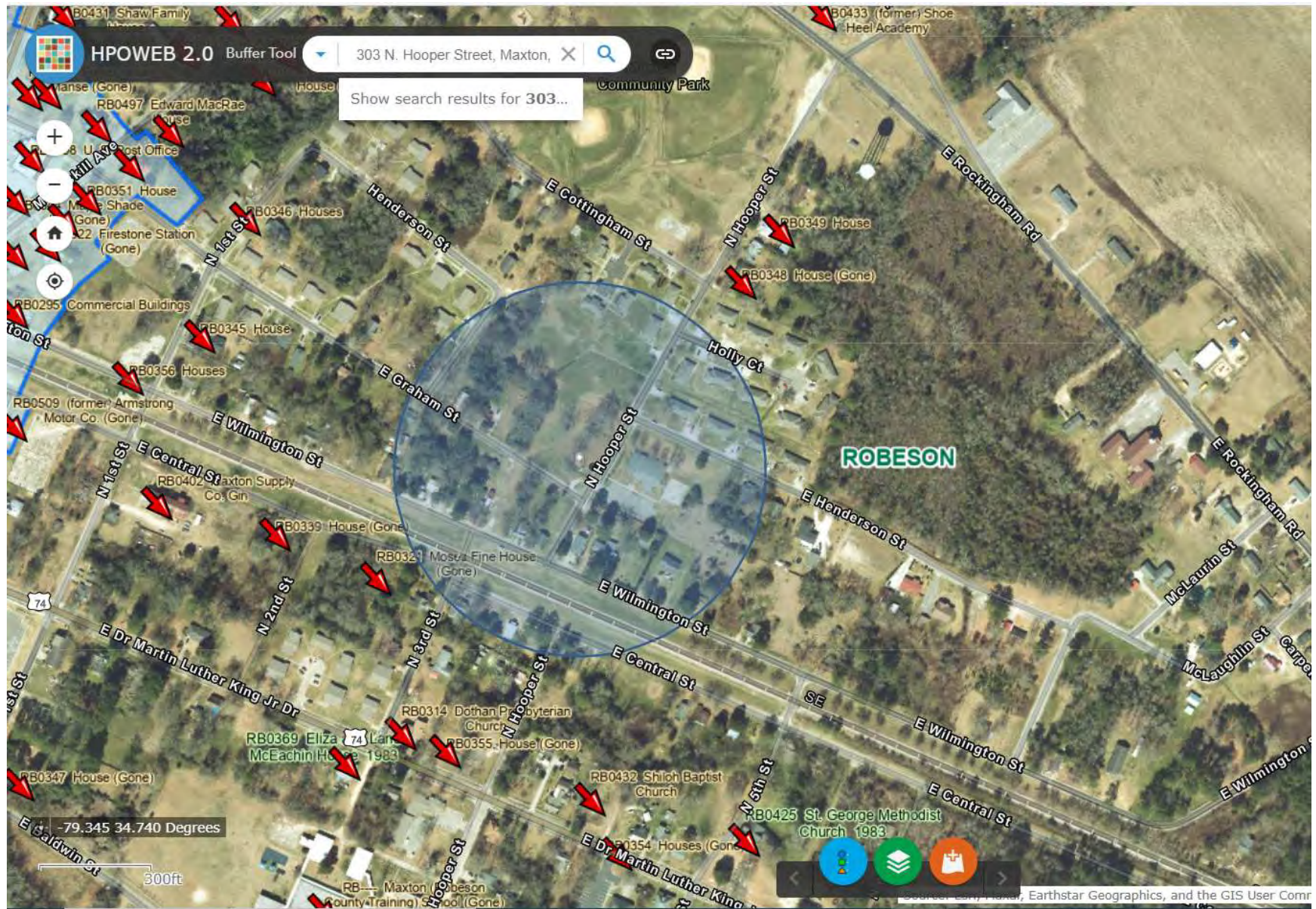
## Maxton Sewer Lift Station No. 5 – NRHP Map

### National Register of Historic Places





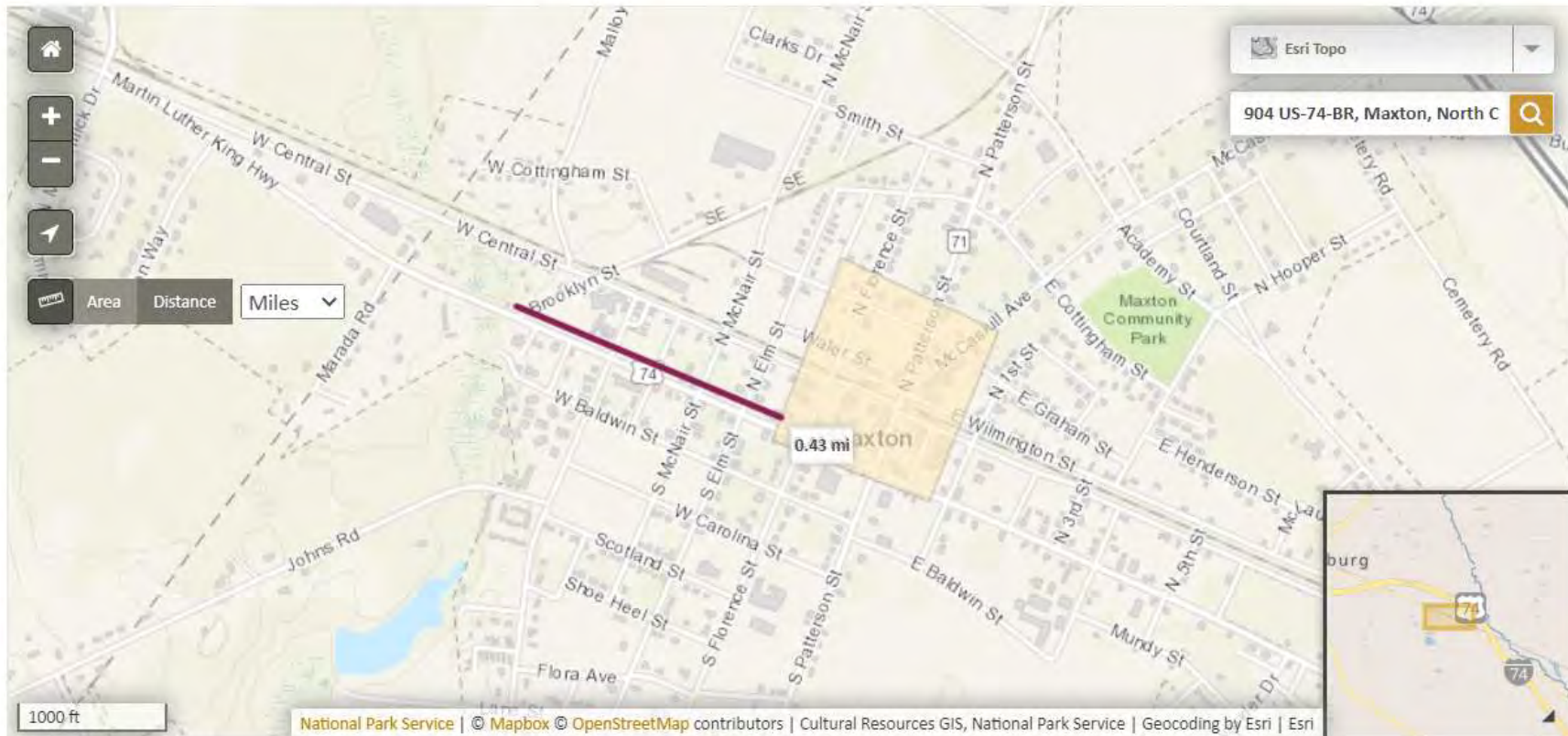
## Maxton Sewer Lift Station No. 5 – NC HPOWEB Map





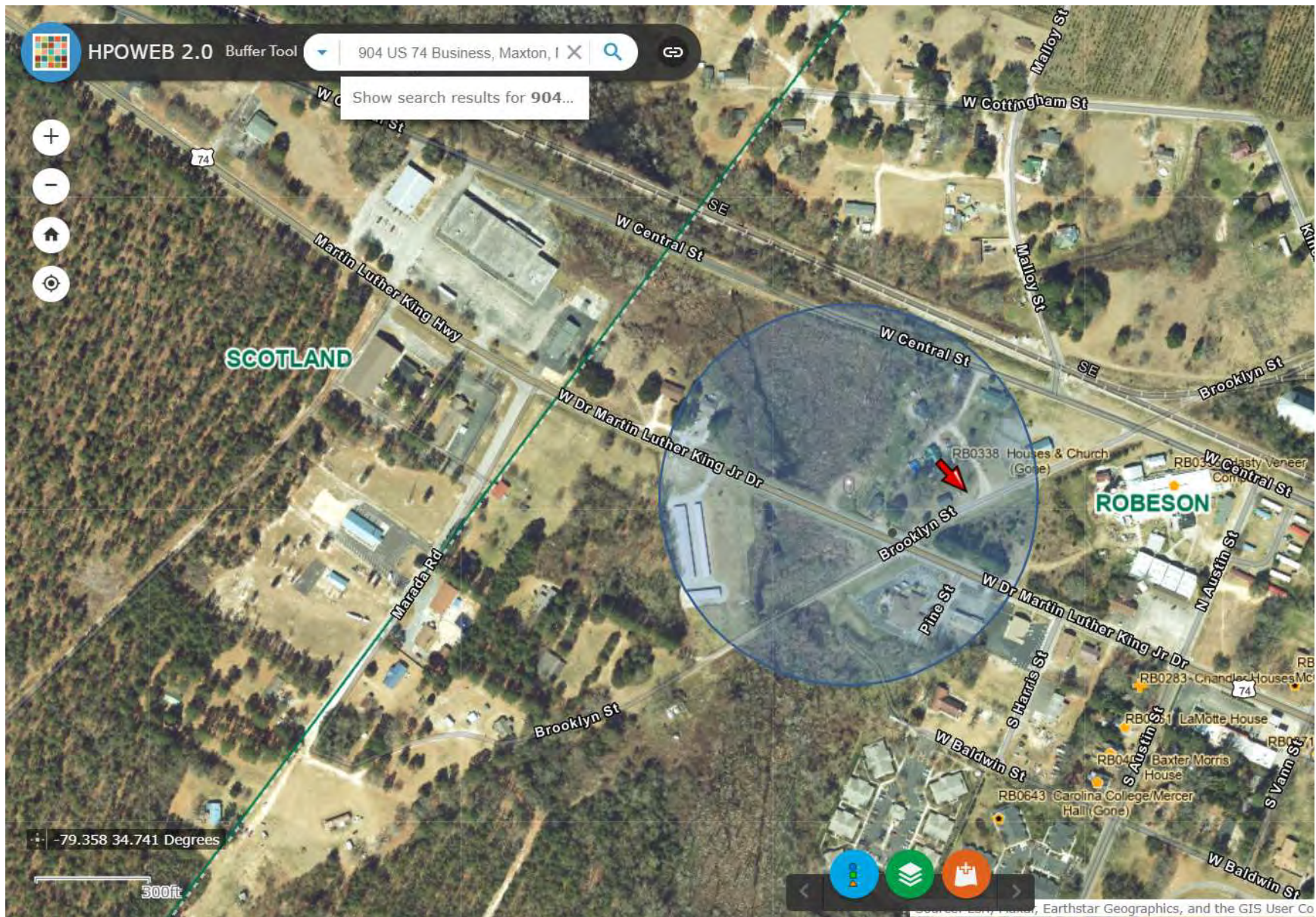
## Maxton Sewer Lift Station No. 7 – NRHP Map

### National Register of Historic Places





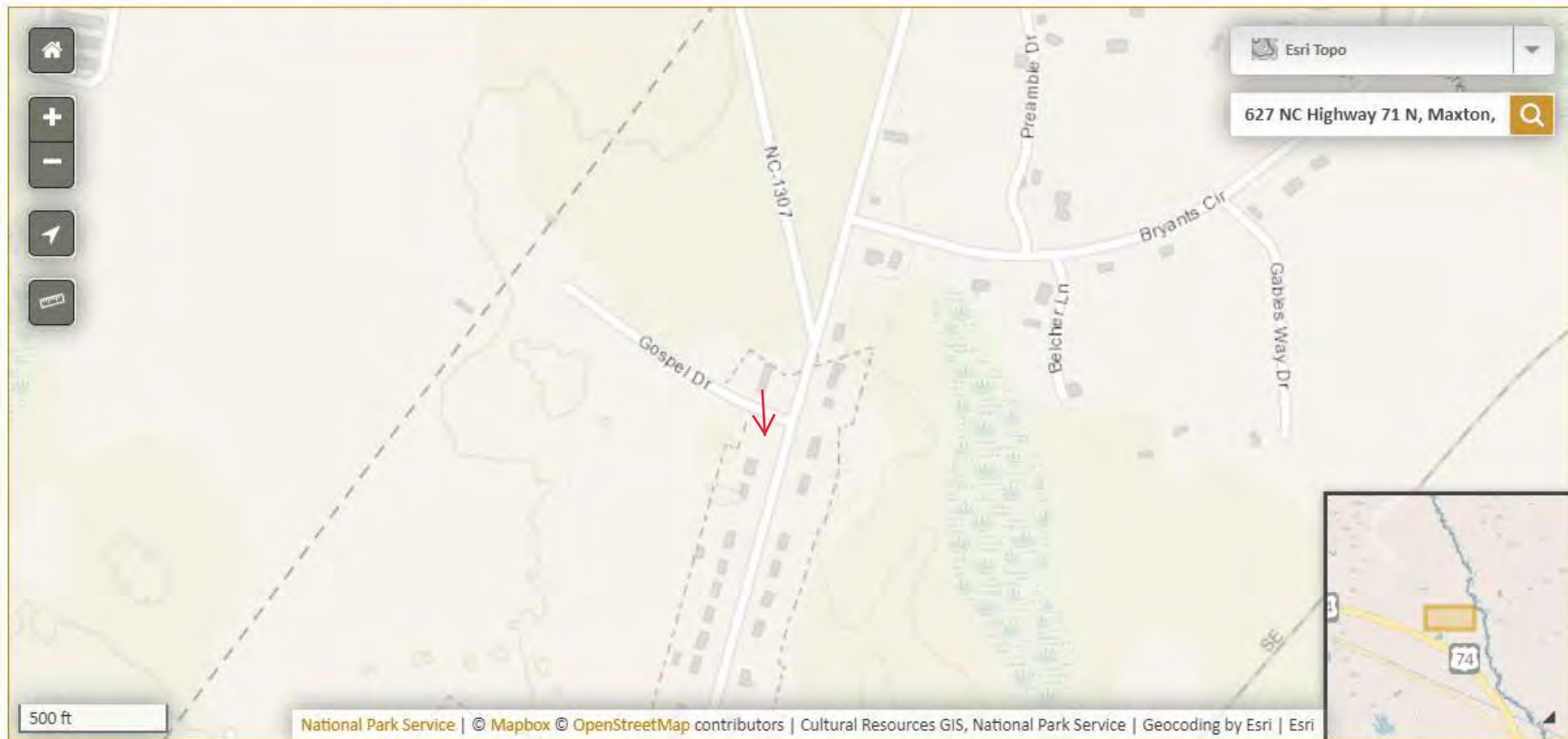
## Maxton Sewer Lift Station No. 7 – NC HPOWEB Map



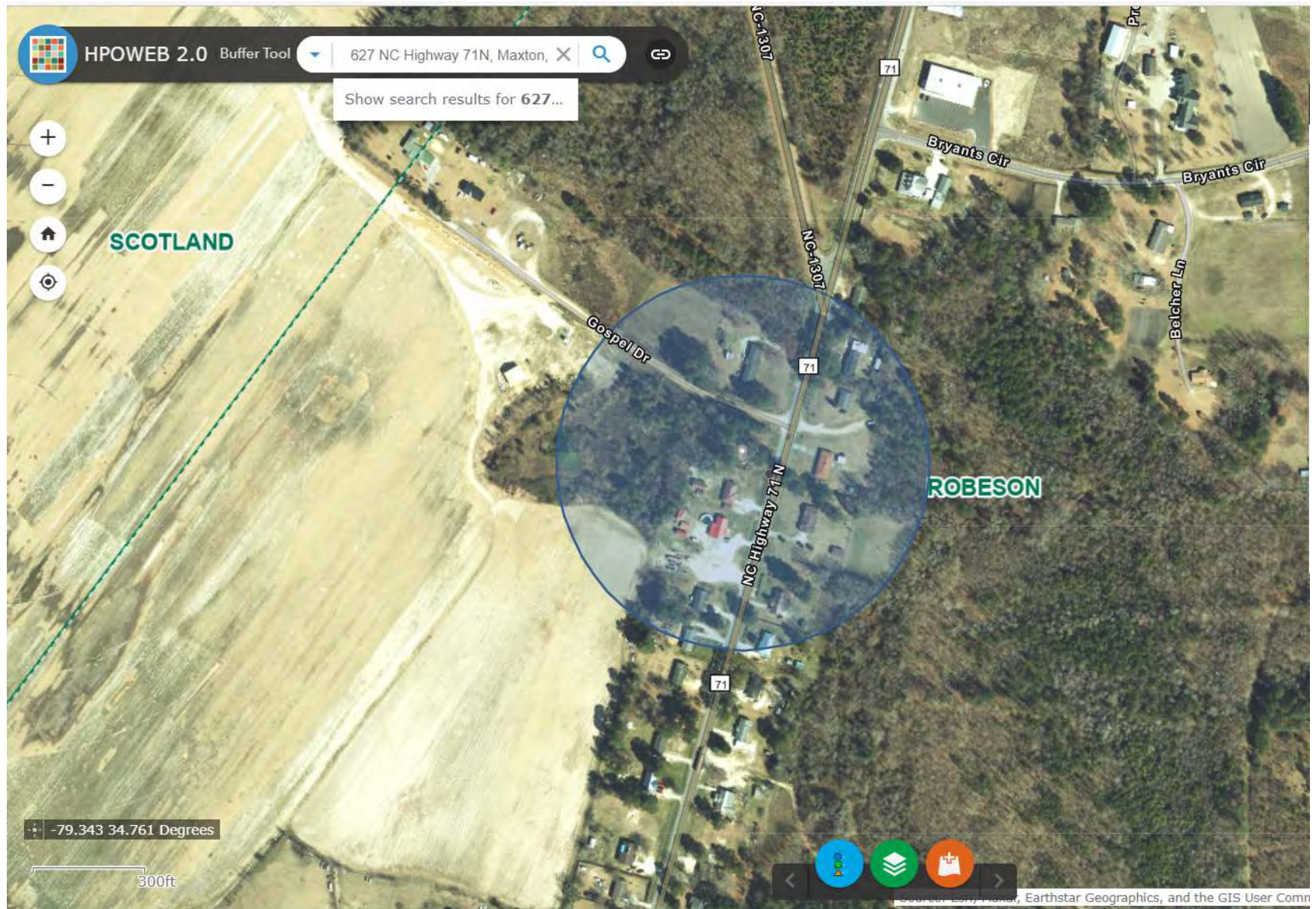


## Maxton Sewer Lift Station No. 10 – NRHP Map

### National Register of Historic Places



## Maxton Sewer Lift Station No. 10 – NC HPOWEB Map



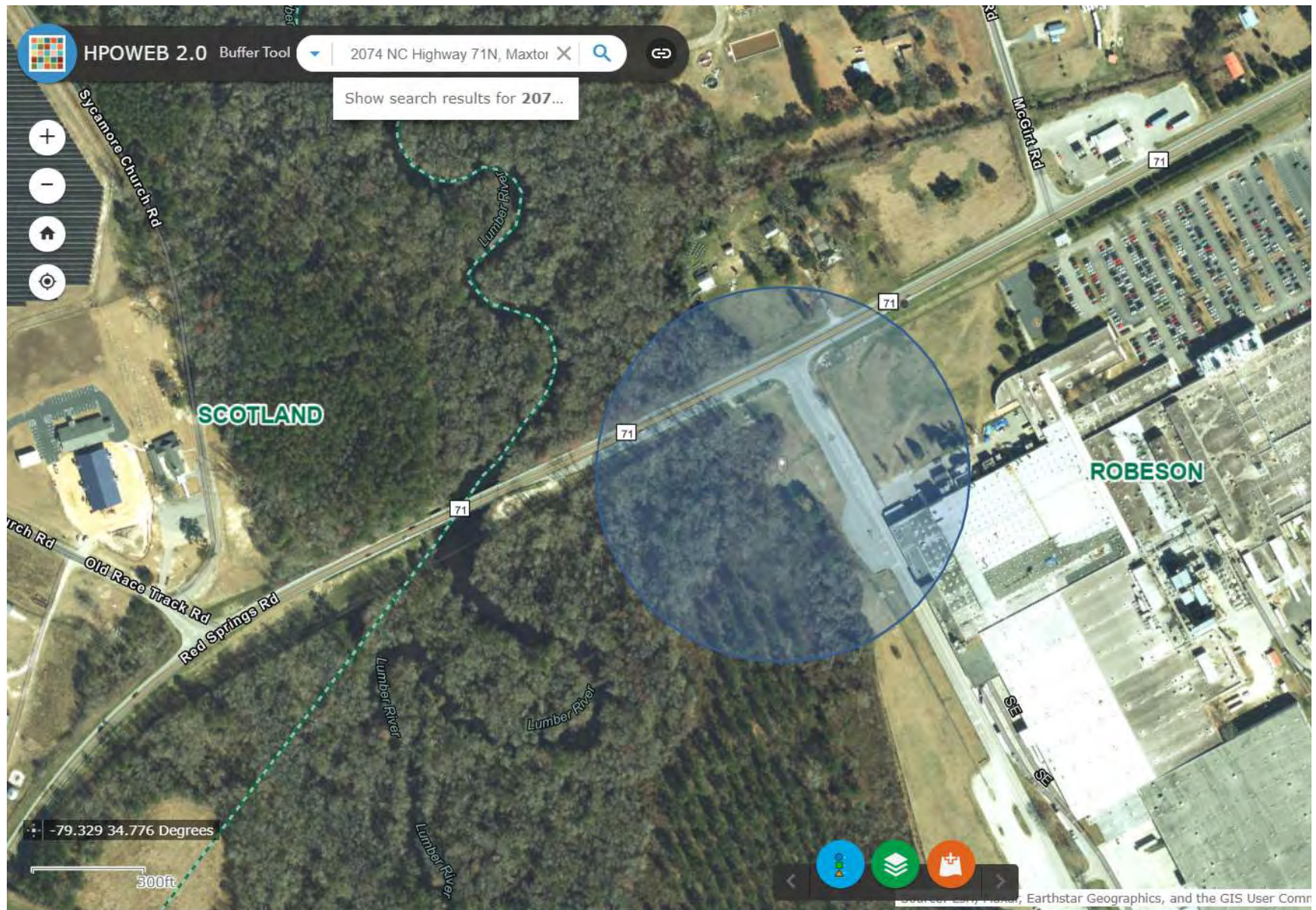


## Maxton Sewer Lift Station No. 11 – NRHP Map

### National Register of Historic Places



## Maxton Sewer Lift Station No. 11 – NC HPOWEB Map





## **Section 106 ATTACHMENT 2:**

### **Proposed Project Site Plans**



CONSTRUCTION PLANS

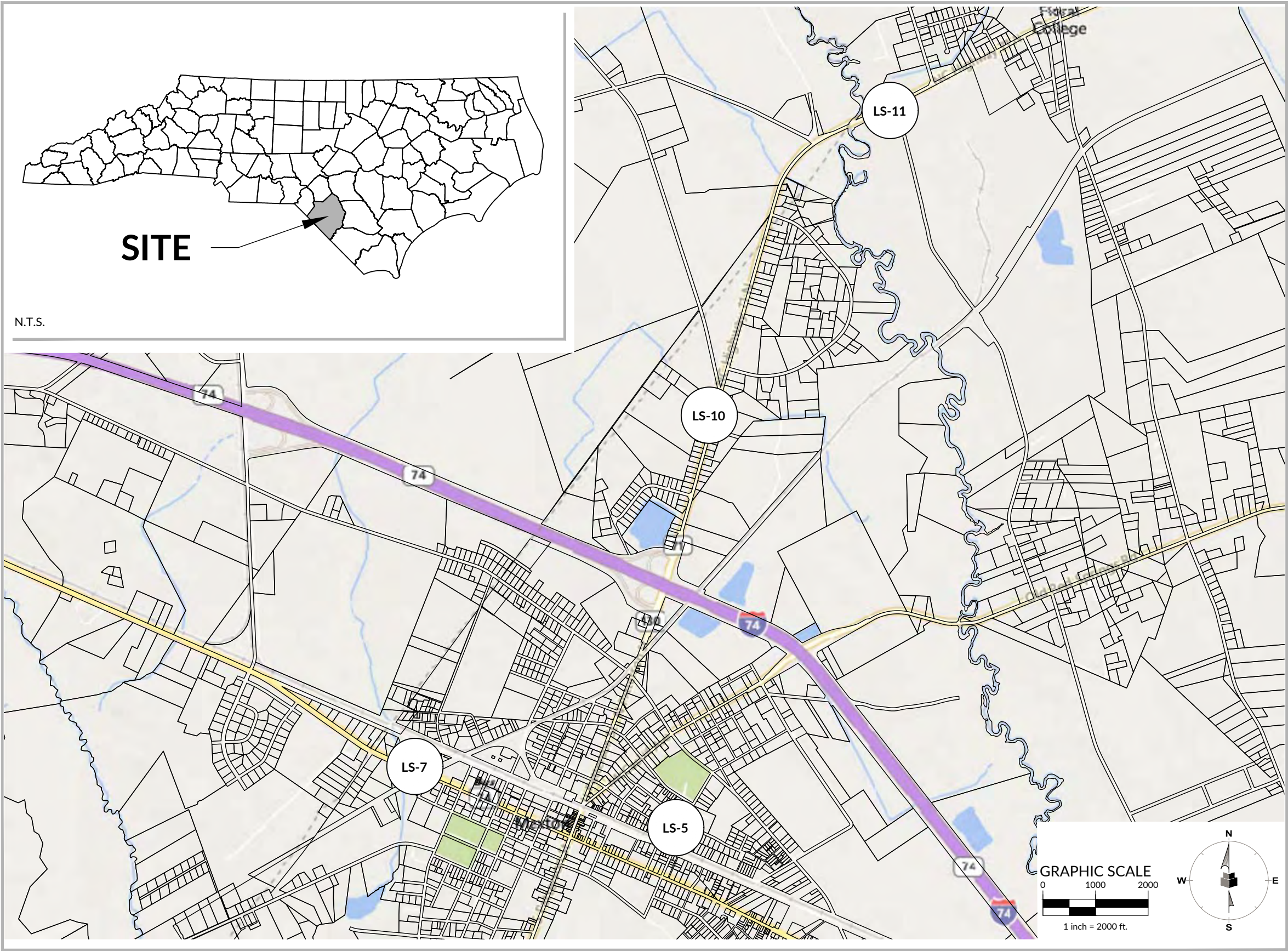
ROBESON COUNTY

MAXTON GENERATORS

CRI-155-0014

MAXTON, NC 28364 | ROBESON

JANUARY 2023

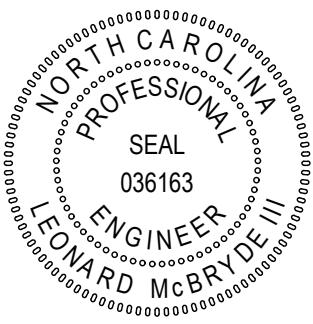
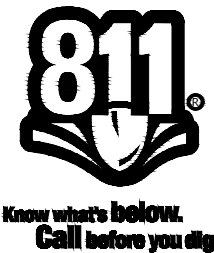


INDEX OF SHEETS

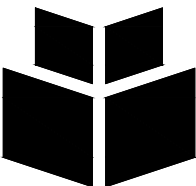
NUMBER	TITLE
--	COVER
G-1.00	GENERAL NOTES AND LEGEND
E-1.00	ELECTRICAL NOTES, DETAILS
E-1.01	ELECTRICAL LS5
E-1.02	ELECTRICAL LS7
E-1.03	ELECTRICAL LS10
E-1.04	ELECTRICAL LS11
C-1.00	EROSION CONTROL DETAILS
C-1.01	STANDARD DETAILS

CONTACT LIST:

WithersRavenel  
219 Station Road, Suite 101  
Wilmington, NC 28403  
910-256-9277



PREPARED BY:



**WithersRavenel**  
219 Station Road | Ste 101 | Wilmington, NC 28405  
License #: F-1479 | t: 910.256.9277 | www.withersravenel.com

OWNER:

**ROBESON COUNTY**  
550 N CHESTNUT ST  
LUMBERTON, NC 29358  
PHONE #: (910) 671-3022  
ATTENTION: KELLIE BLUE

CONSTRUCTION PLANS  
ROBESON COUNTY  
MAXTON GENERATORS  
CRI-155-0014  
WR PROJECT NO.06211005.00  
MUNI PRO NO:-----  
12/05/2022



\\veritem001.com\work\robeson\WRShunt\generator\project\CAD\drawings\sets\construction\COVER.dwg - Wednesday, January 25, 2023 3:09:43 PM - ACHIEVE

GENERAL NOTES:

1. THE WORK SPECIFIED ON THIS SHEET IS CONSIDERED INCIDENTAL AND NECESSARY FOR THE COMPLETION OF THE WORK. THERE WILL BE NO ADDITIONAL OR SEPARATE PAYMENT MADE FOR THE WORK SPECIFIED ON THIS SHEET UNLESS SPECIFICALLY CALLED OUT IN THE BID SCHEDULE AND MEASUREMENT AND PAYMENT SECTION OF THE SPECIFICATIONS.
2. THE CONTRACTOR SHALL HAVE A COMPLETE SET OF CONTRACT DOCUMENTS AS WELL AS ALL PERMIT APPROVALS AND EASEMENTS ON THE JOB SITE AT ALL TIMES.
3. CONSTRUCTION AND MATERIAL SPECIFICATIONS SHALL CONFORM TO THE STATE OF NORTH CAROLINA, TOWN OF MAXTON STANDARD SPECIFICATIONS AND CONSTRUCTION DETAILS, AND THE CONTRACT DOCUMENTS.
4. THE CONTRACTOR SHALL FOLLOW OSHA GUIDELINES REGARDING TRENCHING AND EXCAVATION SAFETY AND SHALL INCORPORATE APPROPRIATE SAFETY MEASURES AS NECESSARY TO MEET COMPLIANCE.
5. ALL SHOP DRAWINGS MUST BE REVIEWED AND APPROVED BY ENGINEER BEFORE EQUIPMENT IS ORDERED.
6. CONTRACTOR IS RESPONSIBLE FOR THE LOCATION OF ALL UNDERGROUND UTILITIES. KNOWN EXISTING UTILITIES HAVE BEEN LOCATED FROM THE INFORMATION AVAILABLE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACCURATELY LOCATE BOTH HORIZONTALLY AND VERTICALLY ALL EXISTING UTILITIES PRIOR TO START OF CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE NC ONE CALL CENTER AT 800.632.4949. ALL COSTS ASSOCIATED WITH ANY DAMAGE TO KNOWN OR UNKNOWN EXISTING UTILITIES RESULTING FROM THE CONTRACTOR'S FAILURE TO ADEQUATELY PROTECT THE EXISTING UTILITIES DURING CONSTRUCTION SHALL BE BORNE SOLELY BY THE CONTRACTOR.
7. CONTRACTOR SHALL MAKE EVERY EFFORT TO SAVE PROPERTY IRONS, MONUMENTS, OTHER PERMANENT POINTS AND LINES OF REFERENCE AND CONSTRUCTION STAKES. A REGISTERED LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE SHALL REPLACE PROPERTY IRONS, MONUMENTS, AND OTHER PERMANENT POINTS OF REFERENCE DESTROYED BY THE CONTRACTOR.
8. CONTRACTOR SHALL CLEAR AND GRUB ALL UTILITY EASEMENTS, AS DIRECTED BY THE OWNER, TO INSTALL NEW UTILITIES. ON ROADWAY RIGHT-OF-WAYS, THE CONTRACTOR SHALL ONLY REMOVE THE TREES MARKED ON THE PLANS AND SHALL MAKE EVERY EFFORT DURING CONSTRUCTION TO PROTECT THE TREES THAT WILL NOT BE REMOVED.
9. THE CONTRACTOR SHALL FURNISH, INSTALL, AND MAINTAIN ALL NECESSARY EROSION CONTROL MEASURES WHETHER OR NOT SHOWN ON THE PLANS TO PROTECT ADJACENT CREEKS, RIVERS, ROADWAYS, ETC. FROM SILTATION AND EROSION.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATION OF EXISTING UTILITIES IF REQUIRED DURING INSTALLATION OF NEW WORK. THERE WILL BE NO ADDITIONAL OR SEPARATE PAY ITEM FOR THIS WORK. UNLESS SPECIFICALLY CALLED OUT IN THE BID FORM. ANY RELOCATION OF EXISTING UTILITIES MUST BE COORDINATED WITH THE AFFECTED UTILITY COMPANY.
11. THE CONTRACTOR SHALL SUPPORT ALL UTILITY POLES AS NECESSARY. THE CONTRACTOR SHALL COORDINATE UTILITY POLE SUPPORT WITH THE APPROPRIATE UTILITY COMPANIES.
12. CONTRACTOR SHALL RESTORE/REPLACE ALL SIGNS, MAILBOXES, ETC. ENCOUNTERED DURING CONSTRUCTION TO ORIGINAL CONDITION.
13. THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO THE EXISTING GRADE UNLESS OTHERWISE NOTED ON THE DRAWINGS.
14. ALL DRIVEWAYS SHALL BE REPAIRED AS SOON AS CONSTRUCTION HAS PASSED. A MINIMUM OF 6" OF C&G SHALL BE USED FOR TEMPORARY REPAIR ON ASPHALT AND CONCRETE DRIVEWAYS UNTIL PERMANENT REPAIR CAN BE COMPLETED AND A MINIMUM OF 6" OF C&G SHALL BE USED AS PERMANENT REPAIR ON GRAVEL DRIVEWAYS.
15. CONTRACTOR SHALL REPLACE WITH NEW ALL DRIVEWAY PIPES AND OTHER DRAINAGE PIPES/CULVERTS THAT ARE DISTURBED WHILE INSTALLING THE UTILITIES. ALL PIPE/CULVERTS SHALL MEET THE REQUIREMENTS OF NCDOT.
16. ALL ROADWAY DITCHES DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITION OR BETTER AND CONFORM TO NCDOT REQUIREMENTS. ALL DITCHES SHALL BE LINED WITH EROSION CONTROL MATTING UNLESS OTHERWISE NOTED.
17. ALL EXCAVATED MATERIAL SHALL BE PLACED WITHIN THE LIMITS OF DISTURBANCE DURING UTILITY INSTALLATION. THE CONTRACTOR SHALL PROVIDE THE NECESSARY SEDIMENT AND EROSION CONTROL MEASURES TO CONTROL RUN-OFF. ALL EXCESS EXCAVATED MATERIAL SHALL BE REMOVED FROM THE CONSTRUCTION SITE AND DISPOSED OF LEGALLY.
18. HORIZONTAL DATUM IS NAD 83.
19. VERTICAL DATUM IS NAVD 88.
20. THE CONTRACTOR SHALL OBTAIN ALL PERMITS NECESSARY FOR CONSTRUCTION.

LEGEND		
(UNLESS OTHERWISE DENOTED)		
DESCRIPTION	EXISTING	PROPOSED
1' CONTOUR INTERVAL	- - - - -	_____
5' CONTOUR INTERVAL	- - - - -	_____
PROPERTY LINE	== == ==	_____
ROADWAY CENTERLINE	== == ==	_____
RIGHT OF WAY LIMITS	== == ==	N/A
EASEMENT LINE	- - - - -	- - - - -
CURB & GUTTER	== == ==	=====
EDGE OF PAVEMENT	== == ==	=====
SANITARY SEWER FACILITIES	SS SS	SS
STORM SEWER FACILITIES	SS SS	SS
WATERLINE	W W	W W
FIRE HYDRANT ASSEMBLY	FD	FD
FORCE MAIN	FM FM	FM
ELECTRIC	E E	E
OVERHEAD ELECTRIC	OHE OHE	OHE
GAS MAIN	G G	G
TELEPHONE	T T	T
STRUCTURES		
FENCING STRUCTURE	XX XX XX XX	XX XX XX XX
TELEVISION PEDESTAL	TV	N/A
WATER MANHOLE	WM	N/A
TELEPHONE MANHOLE	TM	N/A
FLARED END SECTION	FE	N/A
SANITARY SEWER MANHOLE	SM	N/A
GAS VALVE	GV	N/A
UTILITY MANHOLE	UM	N/A
ELECTRICAL PEDESTAL	EP	N/A
SIGN	S	N/A
FIBER OPTIC MARKER	FOM	N/A

DESCRIPTION	EXISTING	PROPOSED
WOODS LINE	~~~~~	N/A
WATERWAYS	~~~~~	N/A
TREE PROTECTION FENCE	N/A	TP
SILT FENCE	N/A	SF
SPOT ELEVATION	(340.17) CL	339.92 EP
GUY ANCHOR	GA	N/A
POWER POLE	PP	N/A
LIGHT POLE	LP	N/A
PROPERTY IRON	PI	N/A
CURB INLET	CI	N/A
STORM DRAIN JUNCTION BOX	SDJB	N/A
YARD INLET	YI	N/A
WATER METER	WM	N/A
CONCRETE MONUMENT	CM	N/A
TELEPHONE PEDESTAL	TPD	N/A
MAIL BOX	MB	N/A
WATER VALVE	WV	WV

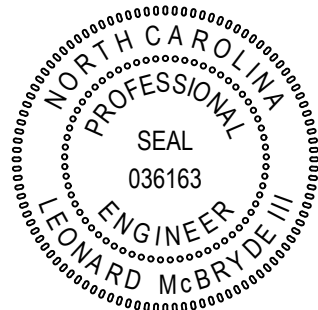
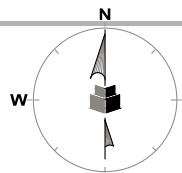
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DRN: DAC DGN: DAC CKD: LM

DATE 01/25/2023

GENERAL NOTES

G-1.00

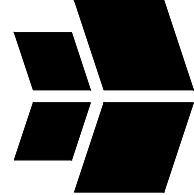
INITIAL PLAN DATE: 10/24/2022  
REVISIONS:



CONSTRUCTION PLANS  
ROBESON COUNTY  
MAXTON GENERATORS  
CRI-155-0014

MAXTON, NC 28364 | ROBESON

ROBESON COUNTY  
550 NORTH CHESTNUT STREET  
LUMBERTON, NC 29388

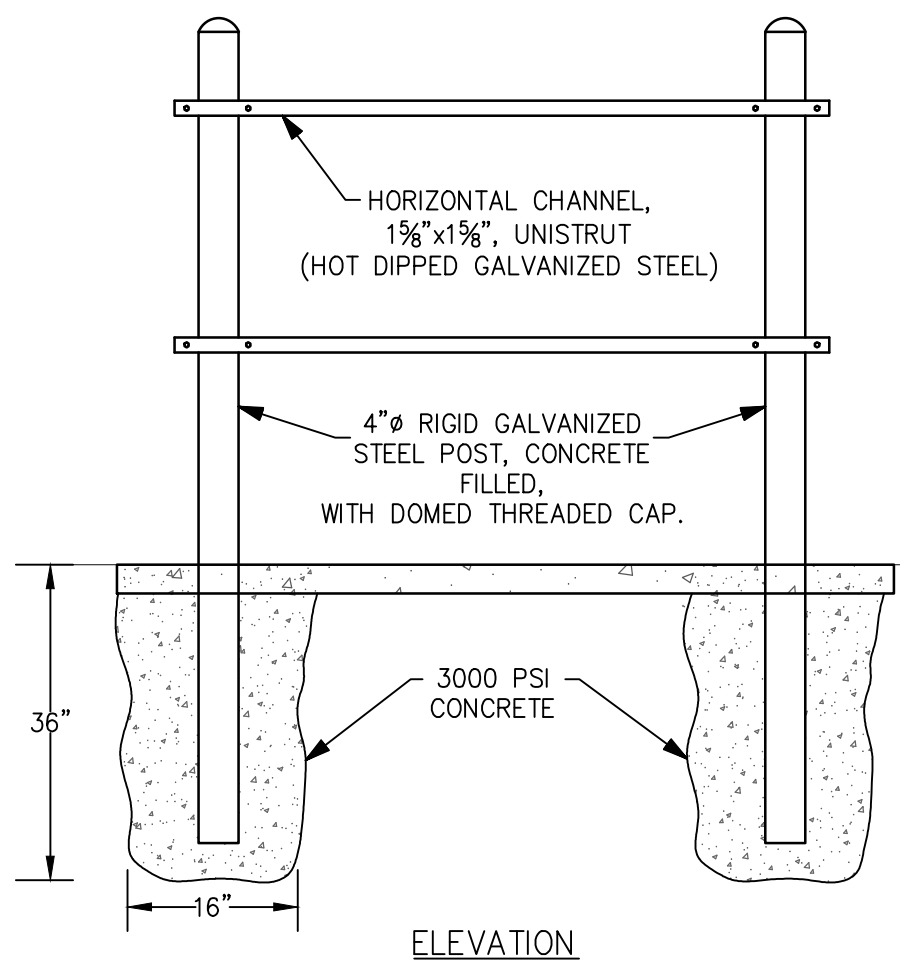


WithersRavenel  
115 McKean Drive | Cary, NC 27511  
License #: F-1479 | t: 919.469.3340 | www.withersravenel.com



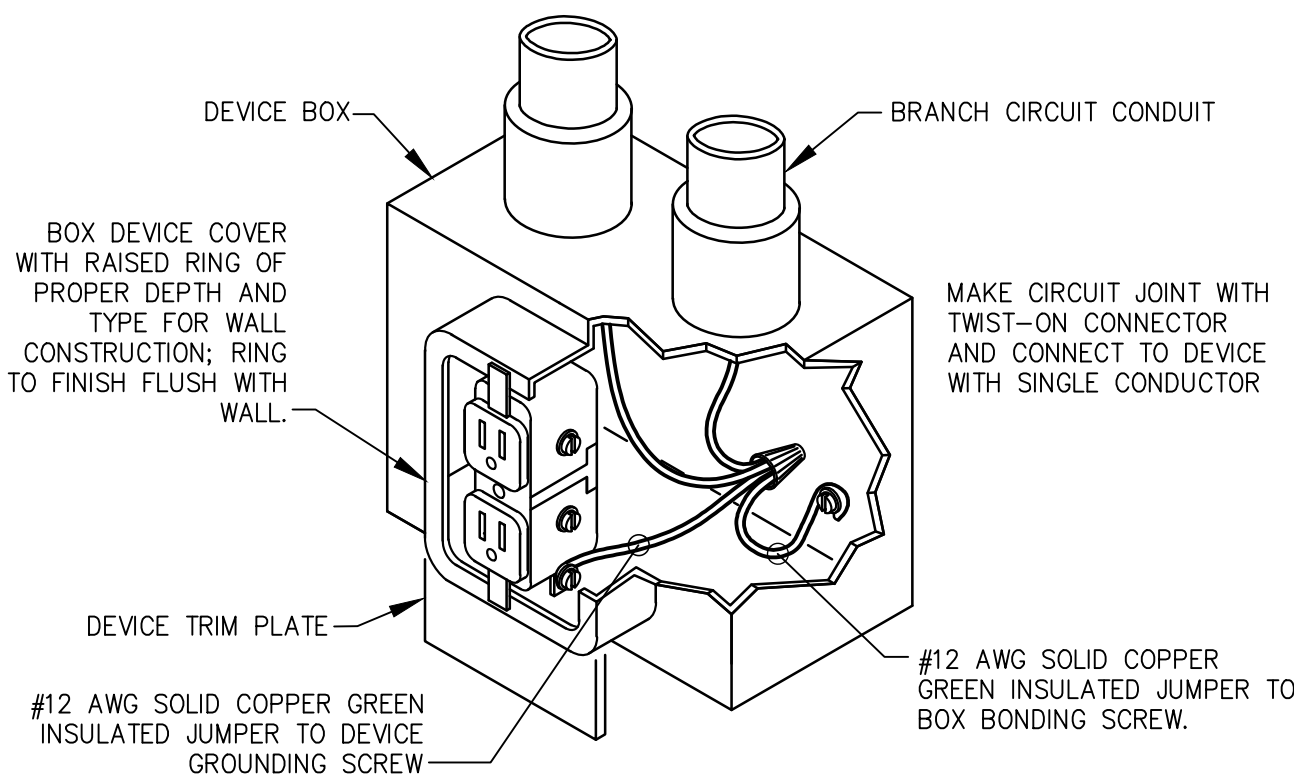
ELECTRICAL NOTES

- ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND REQUIREMENTS OF THE LOCAL AUTHORITY HAVING JURISDICTION.
- PERMITS FOR ELECTRICAL WORK SHALL BE OBTAINED BY AND PAID BY THE ELECTRICAL CONTRACTOR. THE ELECTRICAL CONTRACTOR SHALL PAY FOR ANY ADDITIONAL FEES FOR INSPECTIONS, TESTS, AND OTHER SERVICES AS REQUIRED FOR THE COMPLETION OF THE WORK.
- THE ELECTRICAL CONTRACTOR AND ANY OF HIS SUBCONTRACTORS SHALL VISIT THE PROJECT SITES TO WITNESS EXISTING CONDITIONS AND BECOME FAMILIAR WITH THE SCOPE OF THE WORK REQUIRED PRIOR TO SUBMITTING PROPOSALS. WORK REQUIRED BY EXISTING JOB CONDITIONS NOT INDICATED ON DRAWINGS SHALL BE INCLUDED IN THE PROPOSALS.
- THE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO RESULT IN THE PRODUCTION OF A COMPLETE AND FUNCTIONAL ELECTRICAL SYSTEM. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL MATERIAL, LABOR, EQUIPMENT, AND OTHER SERVICES AS NECESSARY TO COMPLETE THE WORK.
- DISCREPANCIES IN THE DRAWINGS AND SPECIFICATIONS THAT WILL AFFECT THE WORK SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER, AND OWNER PRIOR TO SUBMITTING PROPOSALS.
- UNLESS NOTED OTHERWISE, ALL MATERIALS AND EQUIPMENT SHALL BE NEW AND INCLUDE A 3RD PARTY LABEL (I.E.: UL, CSA, ETL, ETC.) LISTING APPROVAL FOR ITS INSTALLED APPLICATION.
- REVIEW COMPLETE PLAN SET FOR CONSTRUCTION TYPE, SCOPES, ETC. REVIEW COMPLETE PLAN SET FOR PROJECT PHASING AND STAGING. REVIEW COMPLETE PLAN SET FOR WORK COVERED BY ALTERNATE BID ITEMS.
- VERIFY PROPER SIZING OF OVERLOAD DEVICES IN STARTERS BASED ON EQUIPMENT NAMEPLATE DATA.
- IF HORSEPOWER OR LOAD RATINGS OF EQUIPMENT DIFFER FROM THOSE INDICATED ON THE DRAWINGS, NOTIFY THE ARCHITECT, ENGINEER, AND OWNER FOR DIRECTION.
- PROVIDE NATIONAL ELECTRICAL CODE REQUIRED CLEARANCES FOR ALL ELECTRICAL EQUIPMENT. COORDINATE RESOLUTION OF CONFLICTS WITH OTHER TRADES.
- ABANDONED CIRCUITRY (RACEWAY & CONDUCTORS) SHALL BE REMOVED IN ITS ENTIRETY FROM ITS SOURCE.
- PANEL BUS MATERIAL: COPPER.
- SHARED NEUTRAL CONDUCTORS SHALL NOT BE USED UNLESS SPECIFICALLY INDICATED SO ON HOMERUN CIRCUITRY DESIGNATIONS.
- PANEL BREAKER CONFIGURATIONS SHALL BE INSTALLED AS INDICATED ON THE PANEL SCHEDULES OR AS NOTED. BREAKER POSITION REVISIONS WILL NOT BE ACCEPTED UNLESS APPROVED IN WRITING BY THE ENGINEER.
- LOAD CIRCUITS SHALL BE INSTALLED AS INDICATED ON THE DRAWINGS. CIRCUITRY REVISIONS WILL NOT BE ACCEPTED UNLESS APPROVED IN WRITING BY THE ENGINEER.



- NOTES:
- USE 3/8" HOT DIPPED GALVANIZED STEEL HARDWARE FOR CONNECTING CHANNELS & MOUNTING EQUIPMENT.
  - PROVIDE ADDITIONAL VERTICAL POSTS, CENTERED, IF RACK EXCEEDS 60" WIDE.
  - PROVIDE ADDITIONAL CHANNEL(S) WHERE REQUIRED TO ALIGN WITH EQUIPMENT MOUNTING HOLES.
  - SEE DETAILS D/E-1.00 & G/E-1.00 FOR RACK MOUNTED SUN SHIELD / RAIN HOOD.

**B** EQUIPMENT RACK DETAIL  
E-1.00 NO SCALE

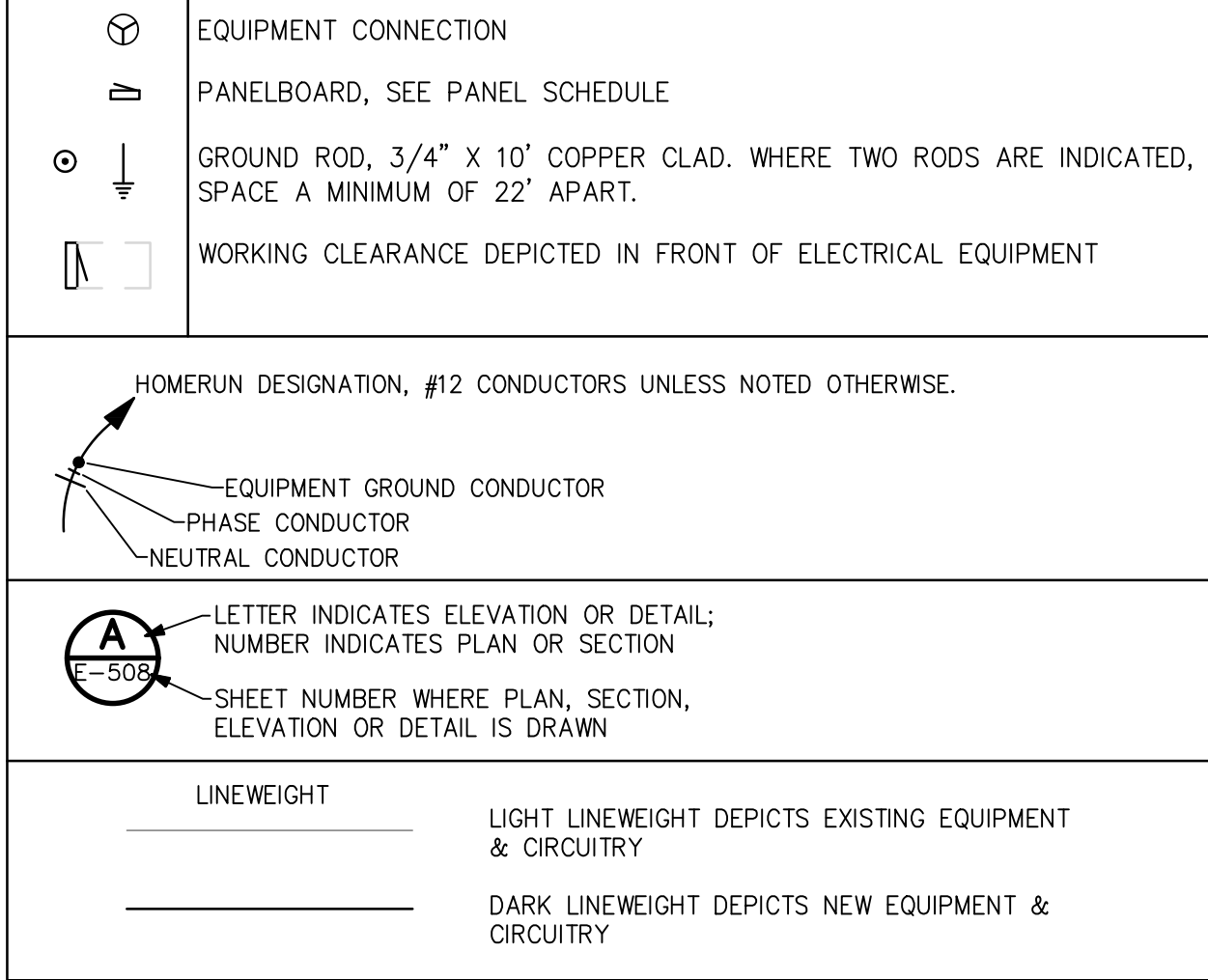


**F** OUTLET GROUNDING DETAIL  
E-1.00 NO SCALE

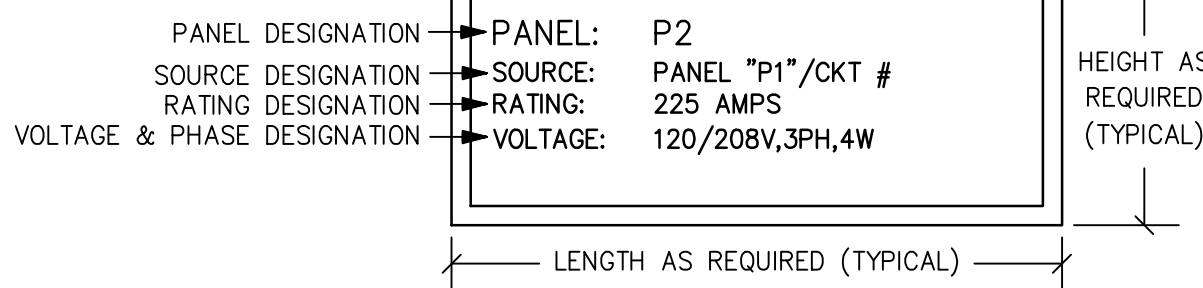
ABBREVIATIONS

AFG	ABOVE FINISHED GRADE
AIC	AMPS INTERRUPTING CAPABILITY
ATS	AUTOMATIC TRANSFER SWITCH
BKR	BREAKER
C	CONDUIT
C/B	CIRCUIT BREAKER
CKT	CIRCUIT
DIA	DIAMETER
DISC	DISCONNECT
DWG	DRAWING
EC	ELECTRICAL CONTRACTOR
ENCL	ENCLOSED
EXSTG	EXISTING
G	EQUIPMENT GROUND
GEC	GROUNDING ELECTRODE CONDUCTOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
HP	HORSEPOWER
K	KILO (THOUSAND)
MCB	MAIN CIRCUIT BREAKER
MFR	MANUFACTURER
MLO	MAIN LUG ONLY
N/A	NOT APPLICABLE
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOC.
NTS	NOT TO SCALE
P	PHASE OR POLE
PCP	PUMP CONTROL PANEL
PH	PHASE
PNL	PANEL
PVC	POLYVINYL CHLORIDE
REC	RECEPTACLE
RECP	RECEPTACLE
REQ	REQUIRED
S.S.	STAINLESS STEEL
SYS	SYSTEM
S/N	SOLID NEUTRAL
TYP	TYPICAL
UL	UNDERWRITERS LABORATORY
UNO	UNLESS NOTED OTHERWISE
UON	UNLESS OTHERWISE NOTED
V	VOLTS
VA	VOLT-AMPS
W	WATTS
W	WIRE
W/	WITH
WP	WEATHERPROOF
XFMR	TRANSFORMER

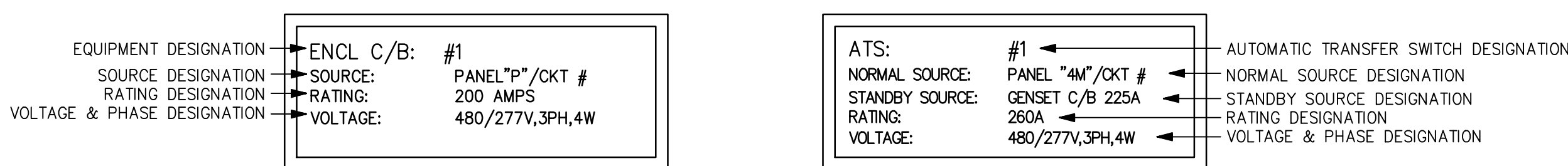
MISC. ELECTRICAL SYMBOL LEGEND



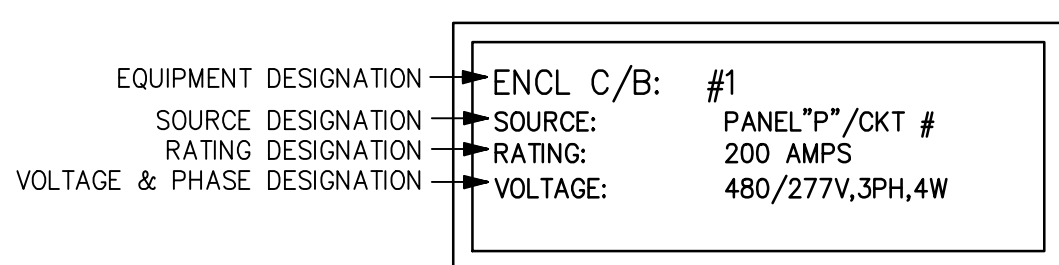
PANELBOARD



AUTOMATIC TRANSFER SWITCH

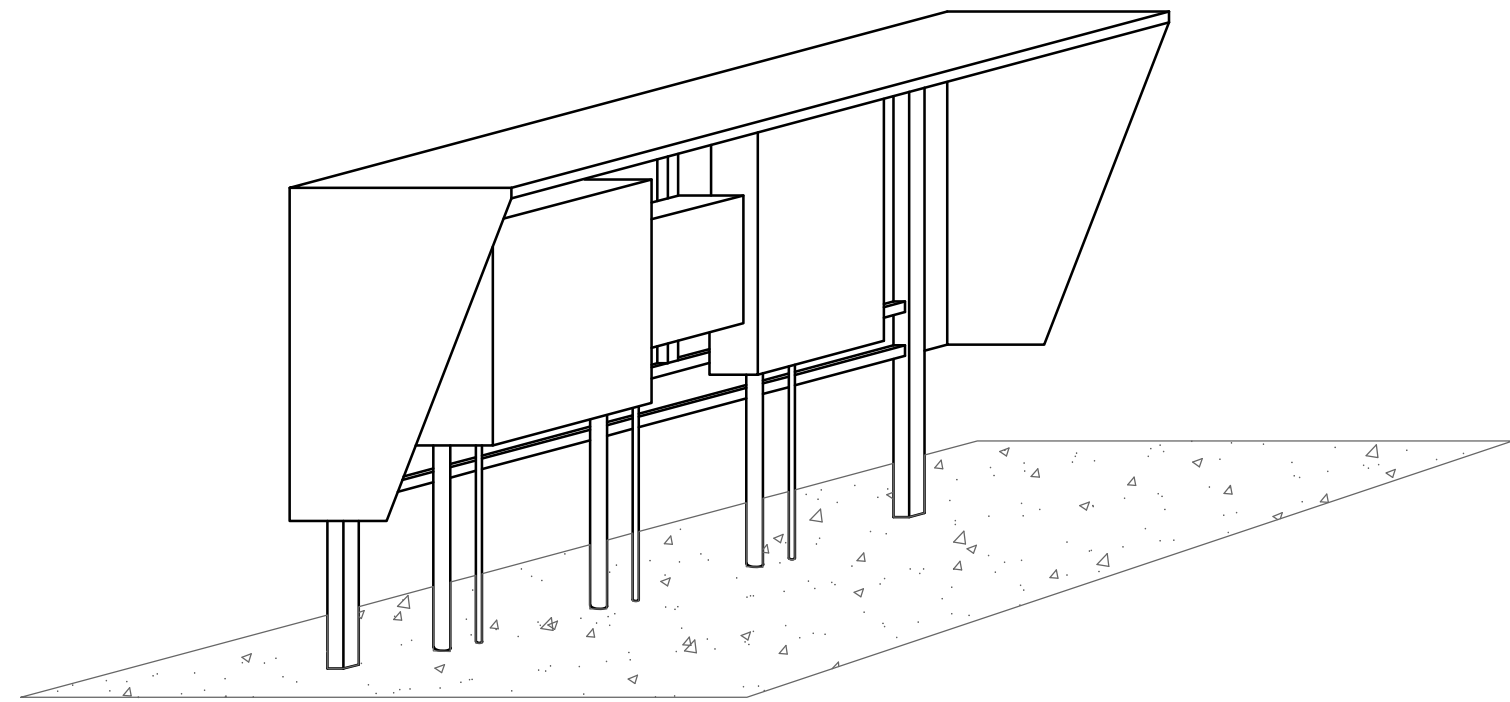


DISCONNECT SWITCH

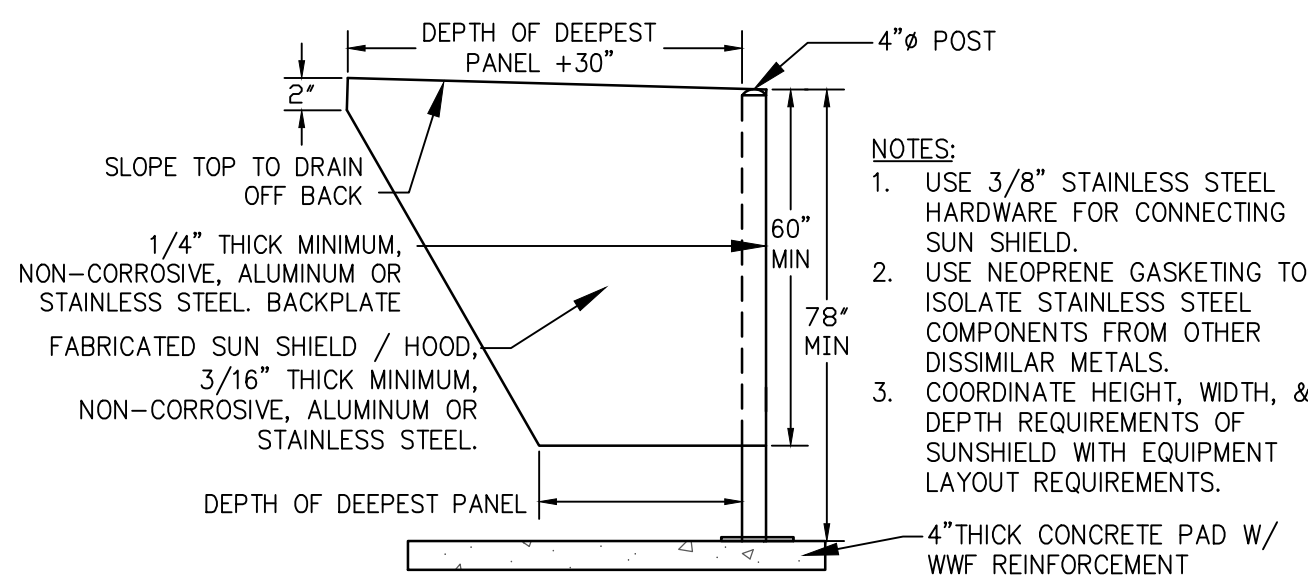


- NOTES:
- ENGRAVED PLASTIC FOR NAMEPLATE.
  - HIGH PERFORMANCE, DOUBLE COATED TAPE WITH ADHESIVE TO ATTACH LABELS. DESIGN BASIS: 3M #06383 OR APPROVED EQUIVALENT.
  - 3/8" ENGRAVED LETTERS EQUIPMENT NAME DESIGNATION AND 1/4" ENGRAVED LETTERS ON ALL OTHER DESIGNATIONS.

**C** TYPICAL NAMEPLATE DETAILS  
E-1.00 NO SCALE

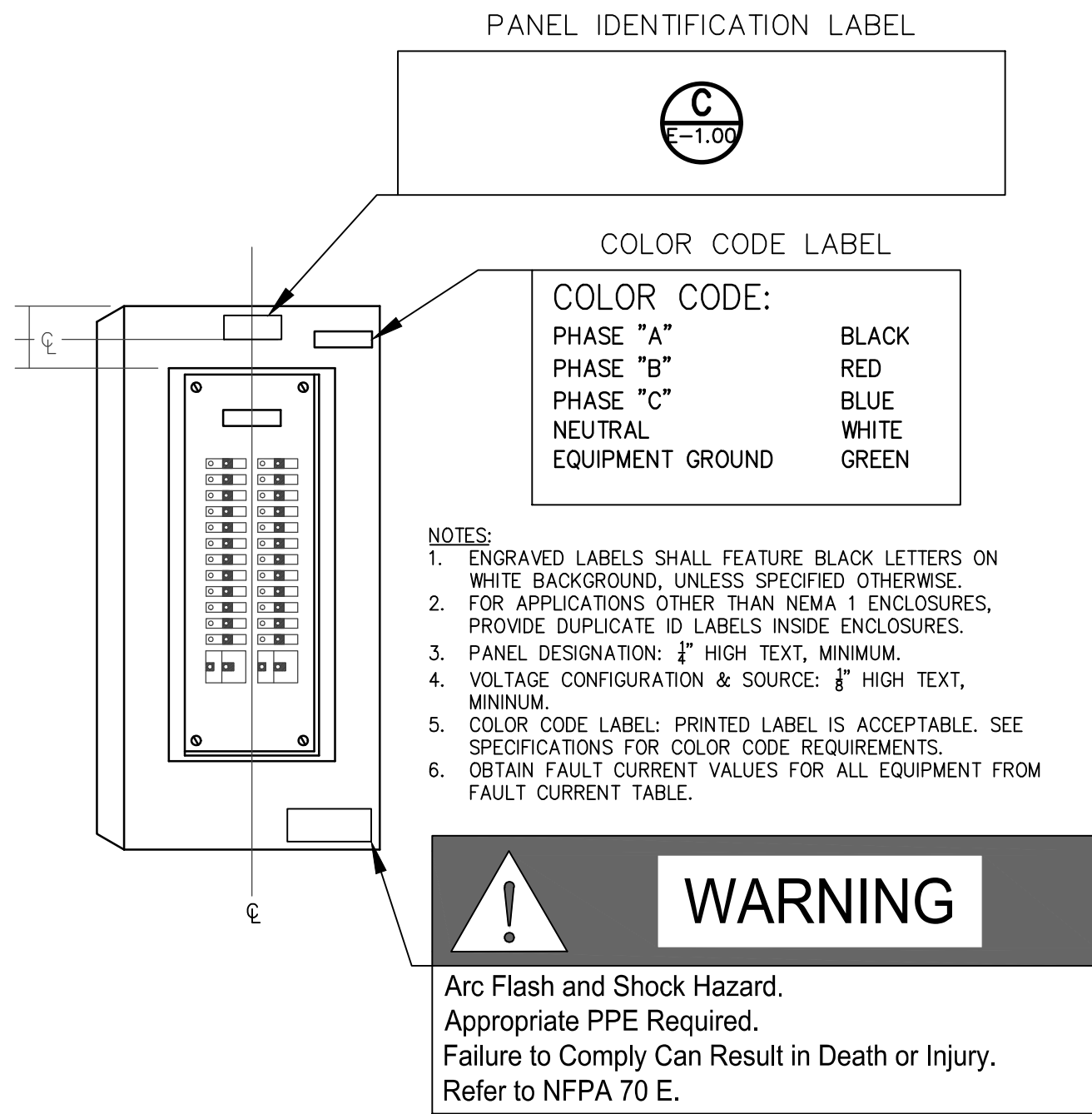
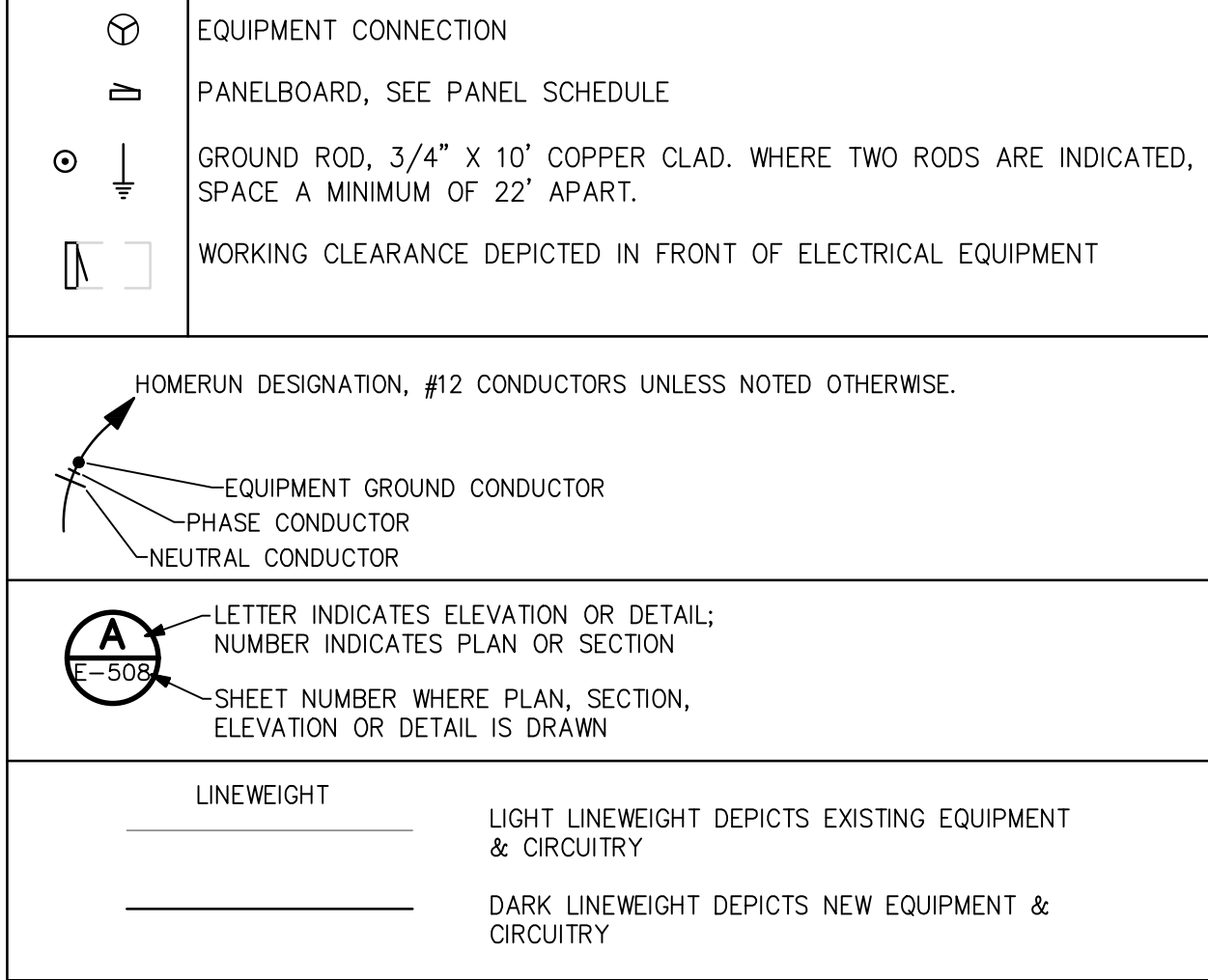


**D** SUN/RAIN HOOD TYPICAL (ISOMETRIC)  
E-1.00 NO SCALE

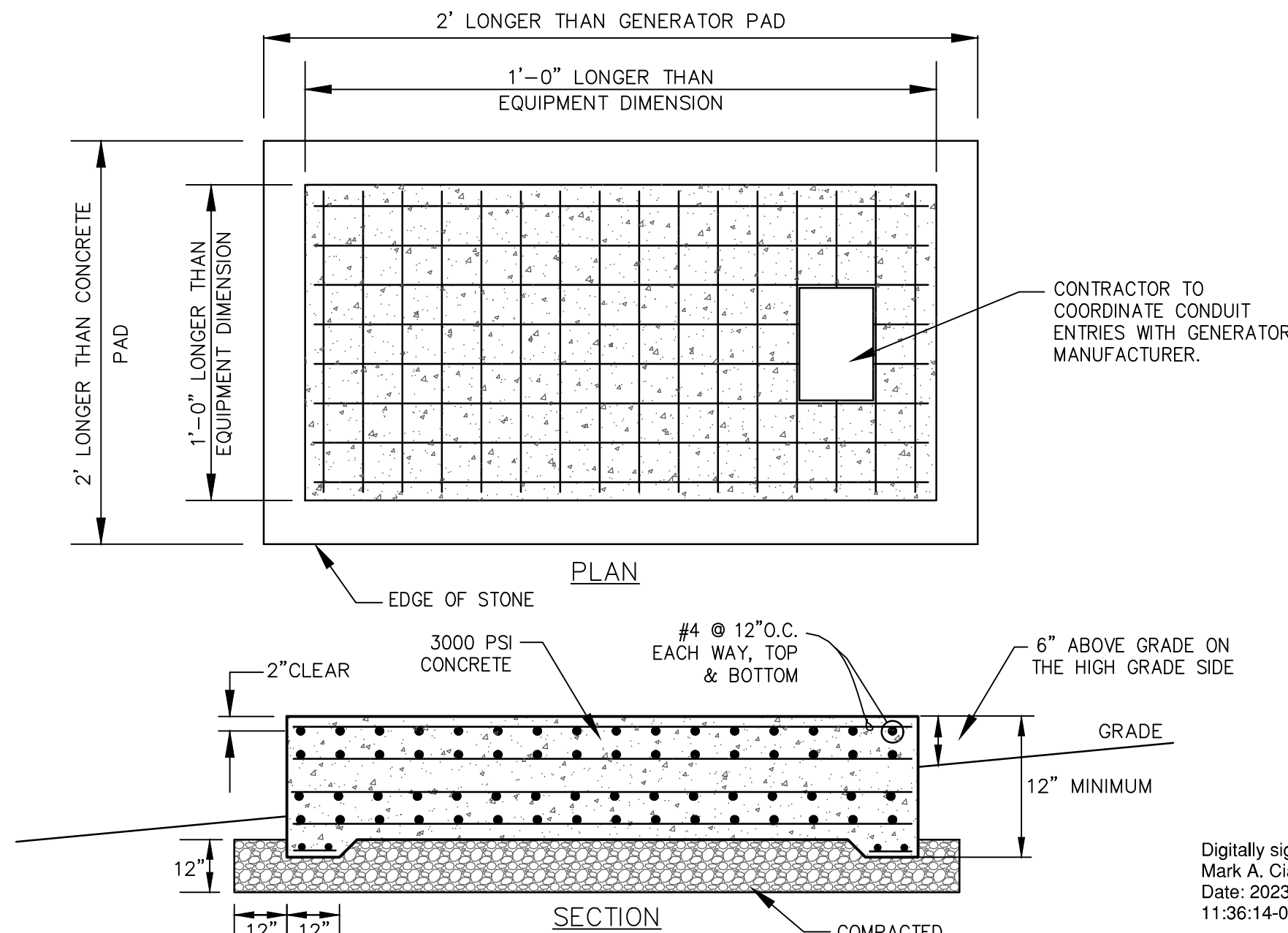


**G** SUN SHIELD FOR EQUIPMENT RACK  
E-1.00 NO SCALE

MISC. ELECTRICAL SYMBOL LEGEND

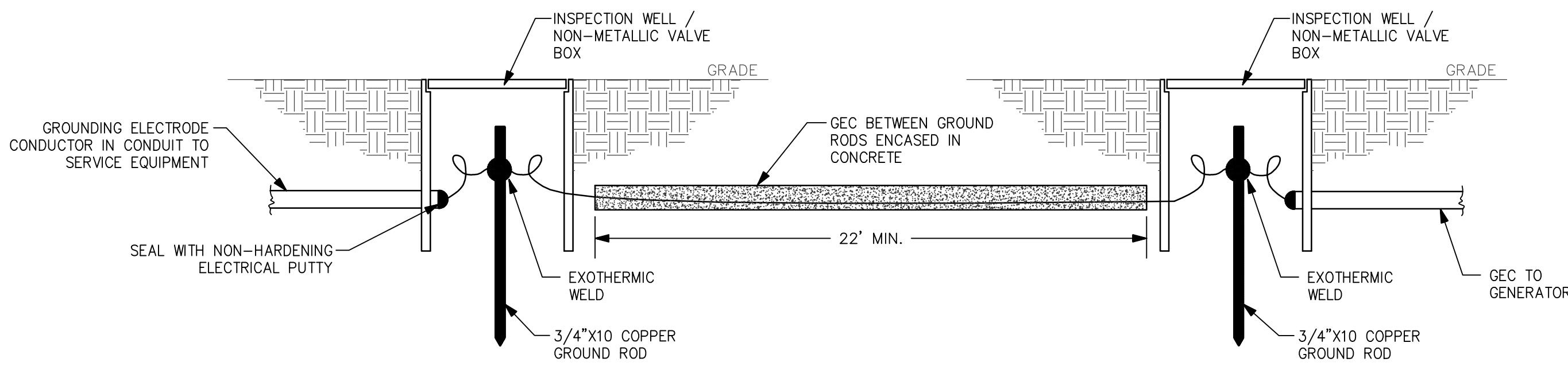


**A** TYPICAL PANELBOARD IDENTIFICATION  
E-1.00 NO SCALE



- NOTES:
- PROVIDE ANCHOR BOLTS FOR GENERATOR & ENCLOSURE PER MANUFACTURER'S REQUIREMENTS.
  - BASE PAD SIZE ON ACTUAL EQUIPMENT SUPPLIED. PAD SHOULD EXTEND 6" PAST EQUIPMENT EXTERIOR IN EACH DIRECTION.

**E** GENERATOR PAD DETAIL  
E-1.00 NO SCALE



**H** GROUND ROD & INSPECTION WELL  
E-1.00 NO SCALE

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**ROBESON COUNTY**  
556 NORTH CHESTNUT STREET  
LUMBERTON, NC 29558

**ROBESON COUNTY**  
MAXTON GENERATORS  
CRI-155-0014  
MAXTON, NC 28364 | ROBESON

**MARK A. CIARROCCA**  
ENGINEER  
17593

INITIAL PLAN DATE: 10/24/2022  
REVISIONS:

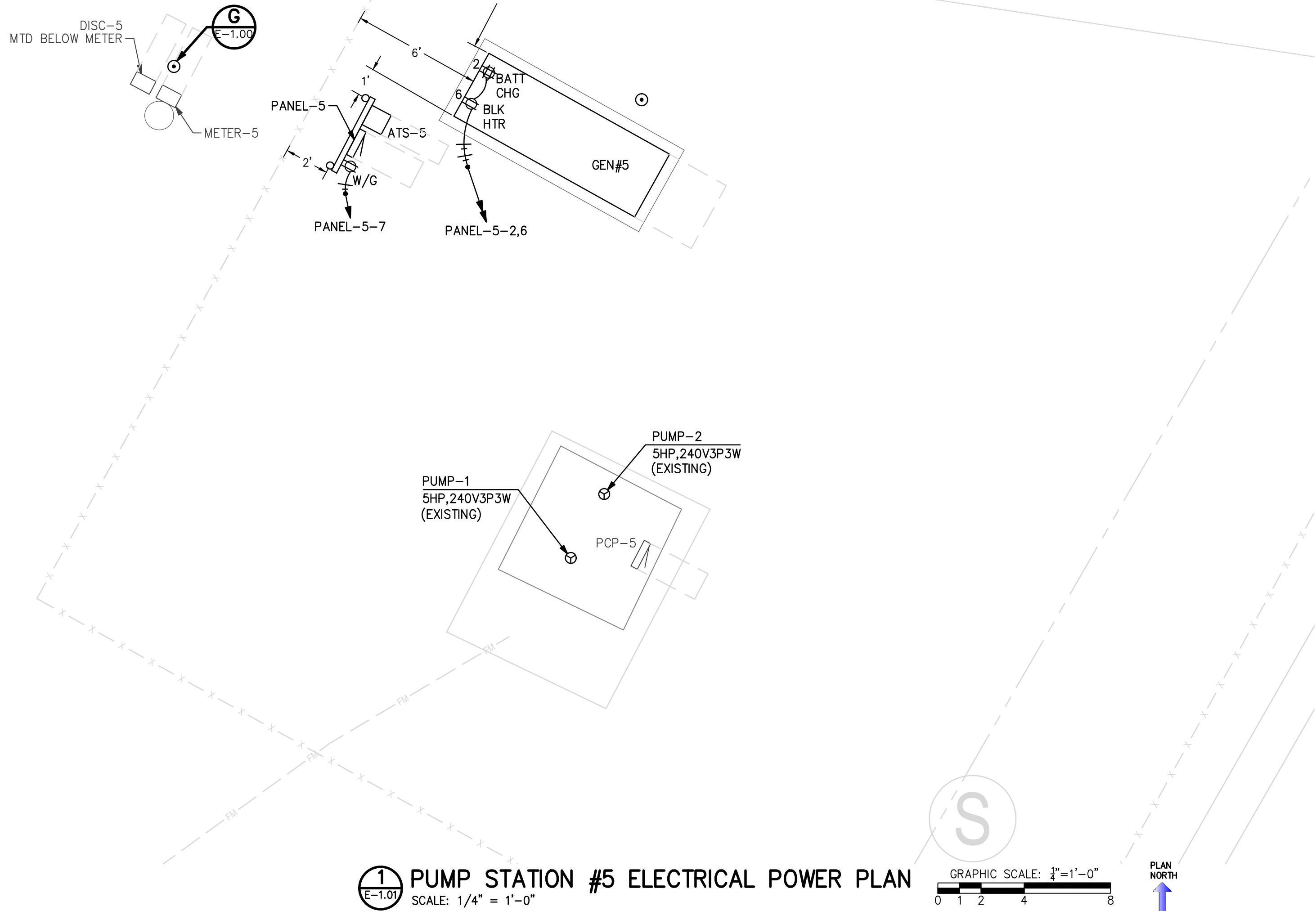
WR Job No. DATE  
06211005.00 01/20/2022  
DRN:JEG DGN:JEG CKD:MAC

**ELECTRICAL**  
**NOTES, DETAILS**

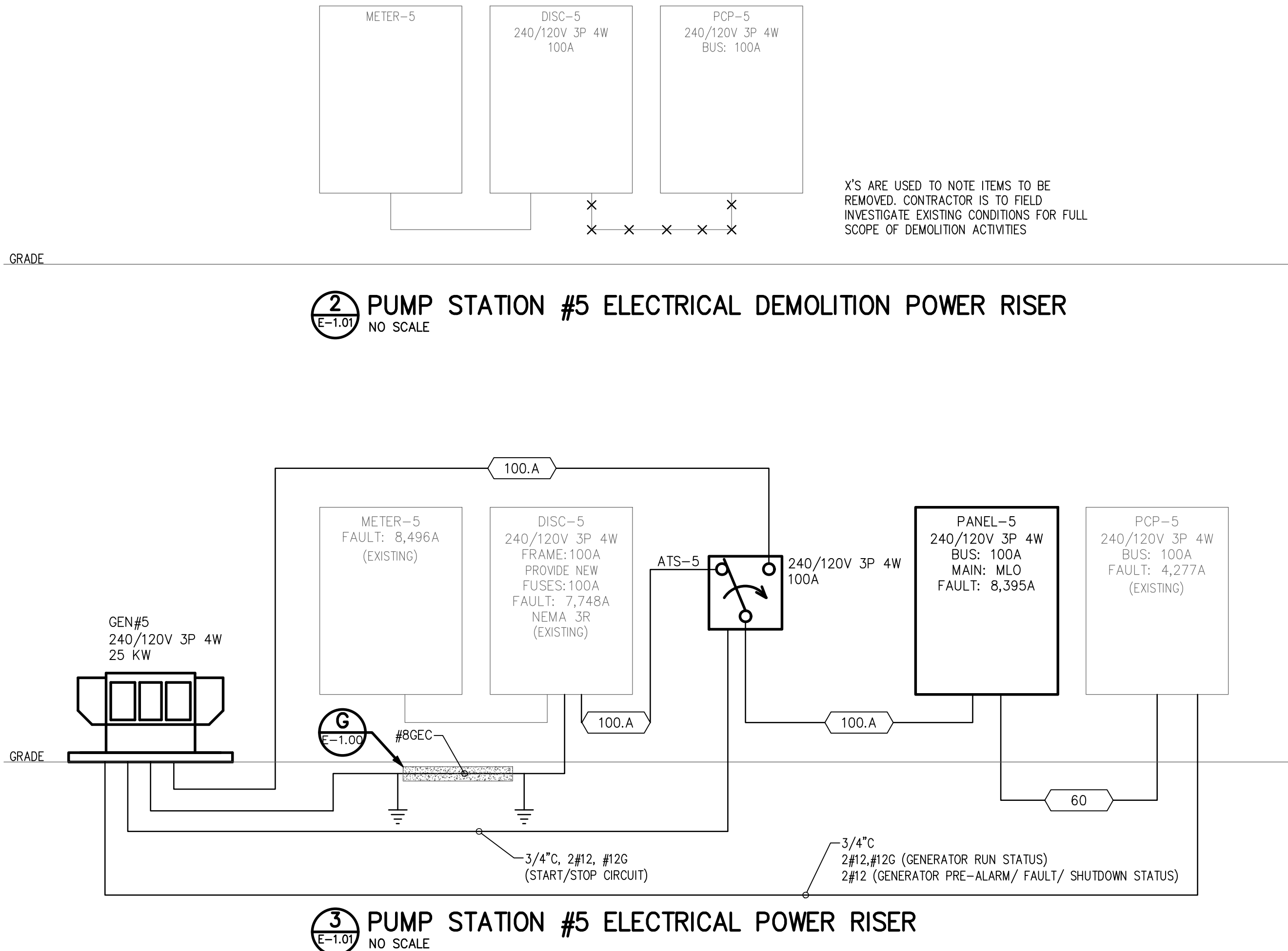
E-1.00



PANEL-5											
ROOM:			VOLTS: 240/120V 3P 4W			AIC: 10,000					
MOUNTING: SURFACE			BUS AMPS: 100			MAIN BKR: MLO					
FED FROM: ATS-5			NEUTRAL: 100%			LUGS: STANDARD					
NOTE: NEMA 3R											
CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA			CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA		
			A	B	C				A	B	C
1	100/3	PANEL PCP-5	4.21			2	20/1	REC-BATTERY CHARGER	1		
3				4.21		4	-/1	SPACE		0	
5					4.21	6	20/1	REC-BLOCK HEATER			1.5
7	20/1	SPACE REC-EXT GFCI	0.18			8	20/1	SPARE	0		
9	-/1	SPACE		0		10	-/1	SPACE		0	
11	20/1	SPACE			0	12	20/1	SPACE			0
13	-/3	SPACE	0			14	-/3	SPACE	0		
15				0		16				0	
17					0	18					0
						TOTAL CONNECTED KVA BY PHASE			5.39	4.21	5.71
						TOTAL CONNECTED AMPS BY PHASE			40.2	30.4	42.9



FEEDER SCHEDULE			
ID	FEEDER AMPS	CONDUIT AND FEEDER	FEEDING THESE DEVICES
60	60	1" C, 3#6, #6N, #8G	PCP-5
100.A	100	1-1/4" C, 3#1/0, #2N, #8G	ATS-5, ATS-5, PANEL-5, PCP-7
125	125	1-1/2" C, 3#1/0, #1/0N, #6G	PCP-11
125J	125	1-1/2" C, 3#1/0, #1/0N, #6G	PCP-10
150	150	1-1/2" C, 3#1/0, #1/0N, #6G	ATS-7, ATS-7, ATS-11, ATS-11, DISC-7, DISC-11, PANEL-7, PANEL-11
225	225	2-1/2" C, 3#4/0, #4/0N, #4G	ATS-10, ATS-10, DISC-10, PANEL-10
SIZING METHOD: COPPER, 60°C #12 THROUGH #1, 75°C #1/0 AND ABOVE			



CHEATHAM & ASSOCIATES, P.A.  
CONSULTING ENGINEERS  
2412 ENTERPRISE DRIVE  
WILMINGTON, NORTH CAROLINA  
(910) 452-4210  
OTTO@CHEATHAMPA.COM  
WWW.CHEATHAMPA.COM NC  
LICENSE # E-1073  
JOB # 22039

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MAXTON, NC 28364 | ROBESON



0 2 4  
SCALE: 1" = 4' ft.

INITIAL PLAN DATE: 10/24/2022  
REVISIONS:

WR Job No. DATE  
06211005.00 01/20/2022  
DRN: JEG DGN: JEG CKD: MAC

ELECTRICAL  
LS5

E-1.01

PANEL-7

ROOM: MOUNTING: SURFACE FED FROM: ATS-7 NOTE: NEMA 3R			VOLTS: 240/120V 3P 4W BUS AMPS: 150 NEUTRAL: 100%			AIC: 10,000 MAIN BKR: MLO LUGS: STANDARD					
CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA			CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA		
			A	B	C				A	B	C
1	100/3	PANEL PCP-7	6.1			2	20/1	REC-BATTERY CHARGER	1		
3				6.1		4	-/1	SPACE		0	
5					6.1	6	20/1	REC-BLOCK HEATER			1.5
7	20/1	REC-EXT GFCI	0.18			8	20/1	SPARE	0		
9	-/1	SPACE		0		10	-/1	SPACE		0	
11	20/1	SPARE			0	12	20/1	SPARE			0
13	-/3	SPACE	0			14	-/3	SPACE	0		
15				0		16				0	
17					0	18					0
19	-/3	SPACE	0			20	-/3	SPACE	0		
21				0		22		SPACE		0	
23					0	24					0
25	-/3	SPACE	0			26	-/3	SPACE	0		
27				0		28				0	
29					0	30					0
						TOTAL CONNECTED KVA BY PHASE			7.28	6.1	7.6
						TOTAL CONNECTED AMPS BY PHASE			53.8	44	56.5
			CONN KVA	CALC KVA					CONN KVA	CALC KVA	
LARGEST MOTOR			9.15	2.29	(25%)	RECEPTACLES			0.18	0.18	(50%>10)
MOTORS			18.3	18.3	(100%)	NONCONTINUOUS			2.5	2.5	(100%)
						TOTAL LOAD			23.3		
						BALANCED 3-PHASE LOAD			55.9 A		



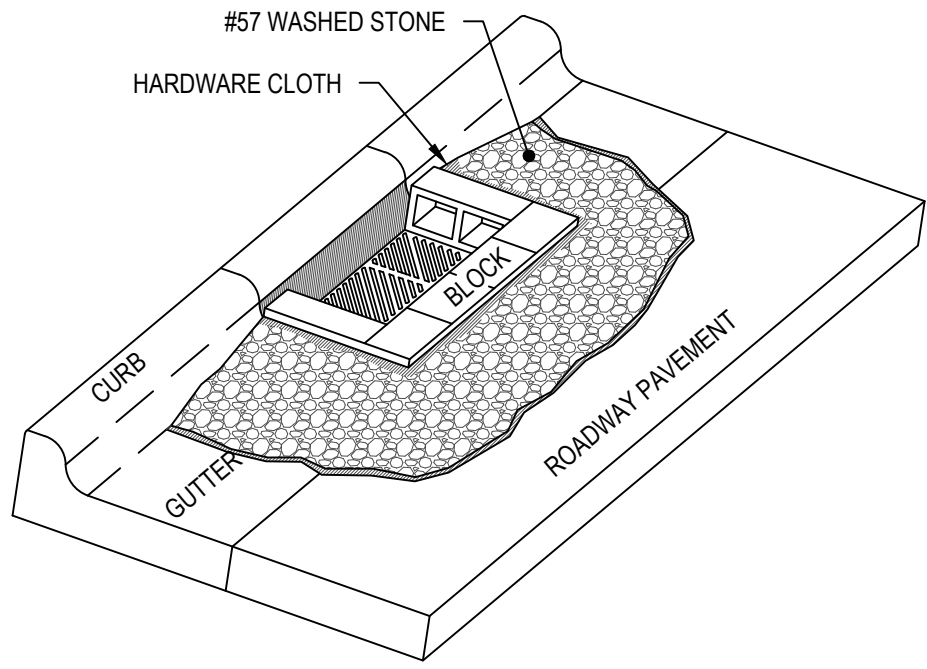
PANEL-10

ROOM:			VOLTS: 240/120V 3P 4W			AIC: 10,000					
MOUNTING: SURFACE			BUS AMPS: 225			MAIN BKR: 225					
FED FROM: ATS-10			NEUTRAL: 100%			LUGS: STANDARD					
NOTE: NEMA 3R											
CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA			CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA		
			A	B	C				A	B	C
1	20/3	PUMP-1	5.82			2	100/3	PUMP-2	5.82		
3				5.82		4				5.82	
5					5.82	6					5.82
7	20/1	REC-EXT GFCI	0.18			8	20/1	REC-BATTERY CHARGER	1		
9	-/1	SPACE		0		10	-/1	SPACE		0	
11	20/1	SPARE			0	12	20/1	REC-BLOCK HEATER			1.5
13	-/3	SPACE				14	-/3	SPACE	0		
15			0	0		16				0	
17					0	18					0
19	-/3	SPACE	0			20	-/3	SPACE	0		
21				0		22				0	
23					0	24					0
25	-/3	SPACE	0			26	-/3	SPACE	0		
27				0		28				0	
29					0	30					0
						TOTAL CONNECTED KVA BY PHASE			12.8	11.6	13.1
						TOTAL CONNECTED AMPS BY PHASE			93.8	84	96.5

PANEL-11

ROOM:			VOLTS: 240/120V 3P 4W			AIC: 10,000					
MOUNTING: SURFACE			BUS AMPS: 150			MAIN BKR: MLO					
FED FROM: ATS-11			NEUTRAL: 100%			LUGS: STANDARD					
NOTE: NEMA 3R											
CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA			CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA		
			A	B	C				A	B	C
1	125/3	PANEL PCP-11	7.76			2	20/1	REC-BATTERY CHARGER	1		
3				7.76		4	-/1	SPACE		0	
5					7.76	6	20/1	REC-BLOCK HEATER			1.5
7	20/1	REC-EXT GFCI	0.18			8	20/1	SPARE	0		
9	-/1	SPACE		0		10	-/1	SPACE		0	
11	20/1	SPARE			0	12	20/1	SPARE			0
13	-/3	SPACE	0			14	-/3	SPACE	0		
15				0		16				0	
17					0	18					0
19	-/3	SPACE	0			20	-/3	SPACE	0		
21				0		22				0	
23					0	24					0
25	-/3	SPACE	0			26	-/3	SPACE	0		
27				0		28				0	
29					0	30					0
						TOTAL CONNECTED KVA BY PHASE			8.94	7.76	9.26
						TOTAL CONNECTED AMPS BY PHASE			65.8	56	68.5





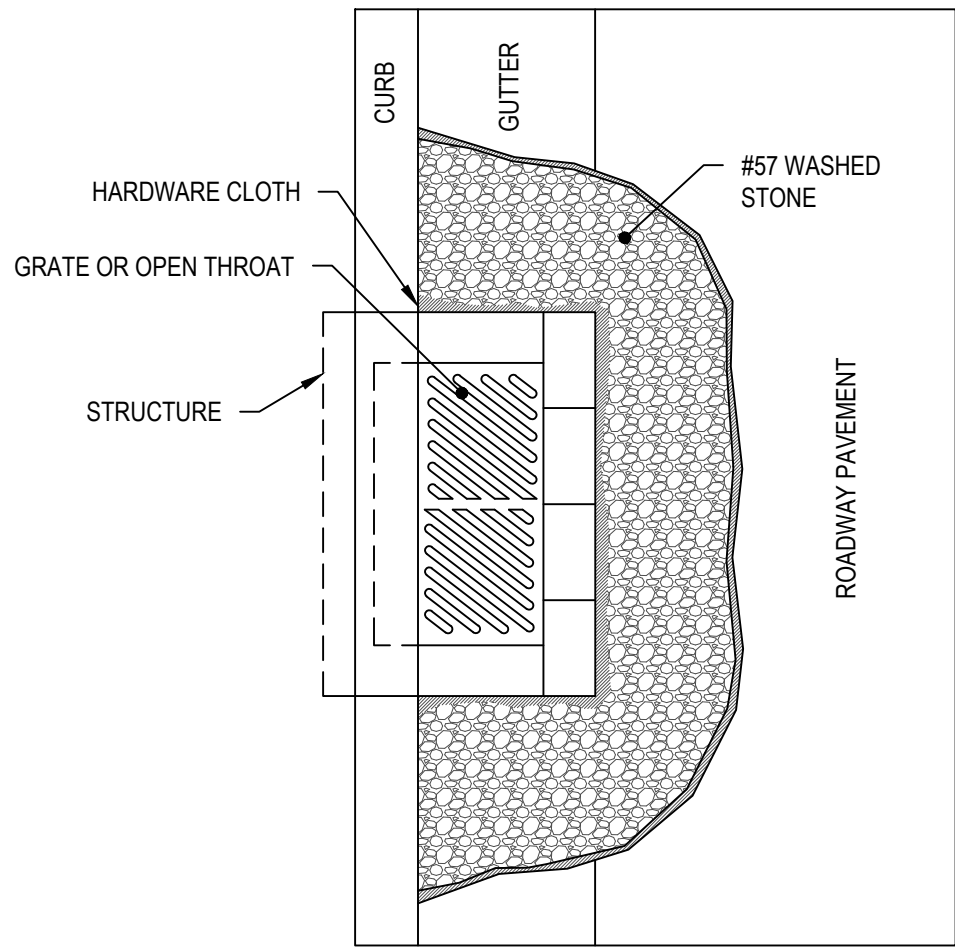
PERSPECTIVE VIEW

NOTES

- LAY ONE BLOCK ON EACH SIDE OF THE STRUCTURE ON ITS SIDE IN THE BOTTOM ROW TO ALLOW POOL DRAINAGE. PLACE BOTTOM ROW OF BLOCKS AGAINST THE EDGE OF THE CURB FOR LATERAL SUPPORT AND TO AVOID WASHOUTS WHEN OVERFLOW OCCURS. IF NEEDED, GIVE LATERAL SUPPORT TO THE SUBSEQUENT ROWS OF BLOCKS BY PLACING 2x4 WOOD STUDS THROUGH BLOCK OPENINGS.
- CAREFULLY FIT HARDWARE CLOTH OR COMPARABLE WIRE MESH WITH 1/2" OPENINGS OVER ALL BLOCK OPENINGS TO HOLD GRAVEL IN PLACE.
- USE #57 WASHED STONE PLACED 2" BELOW THE TOP OF THE BLOCK ON A 2:1 SLOPE OR FLATTER AND SMOOTH IT INTO AN EVEN GRADE.

BLOCK AND GRAVEL INLET PROTECTION (TEMPORARY)

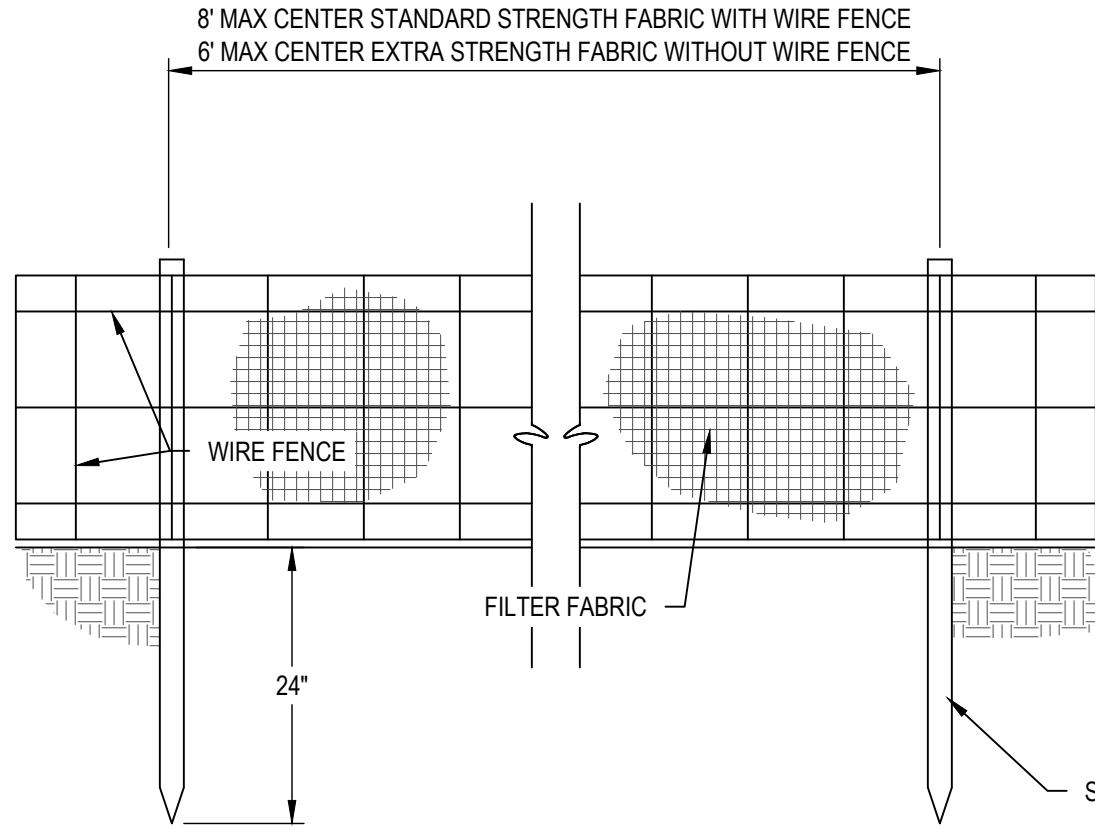
NOT TO SCALE



PLAN VIEW

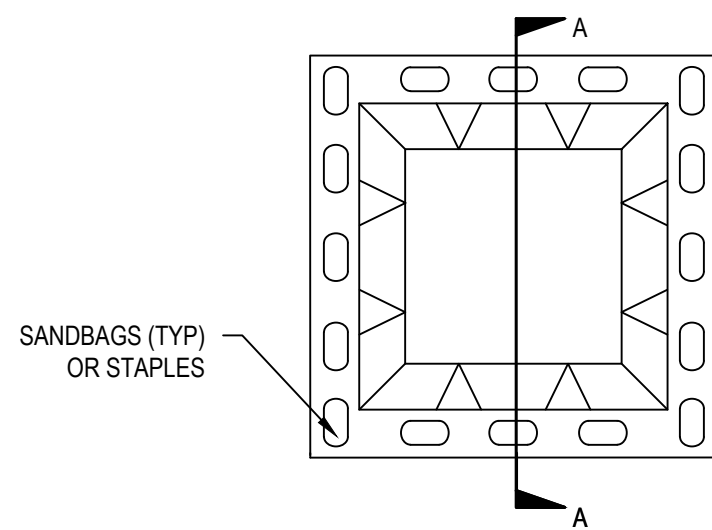
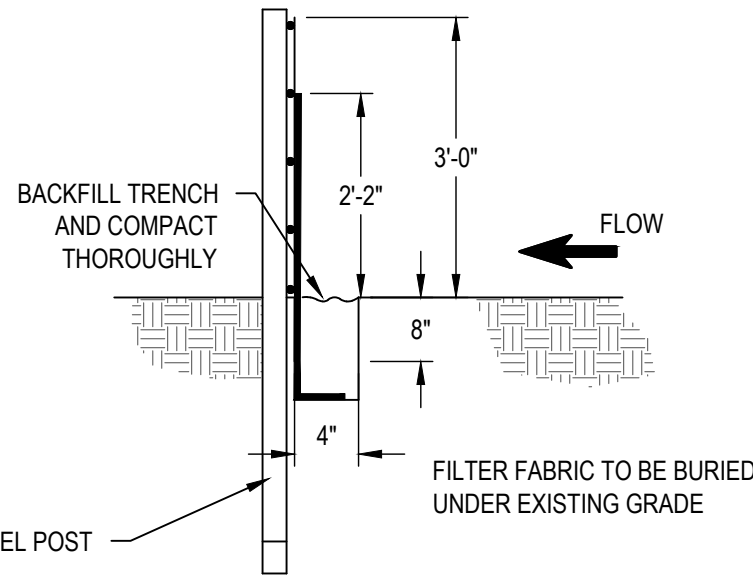
MAINTENANCE NOTE:

INSPECT THE BARRIER AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT (1/2 INCH OR GREATER) RAINFALL AND MAKE REPAIRS AS NEEDED. REMOVE SEDIMENT AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR SUBSEQUENT RAINS. WHEN THE CONTRIBUTING DRAINAGE AREA HAS BEEN ADEQUATELY STABILIZED, REMOVE ALL MATERIALS AND ANY UNSTABLE SOIL, AND EITHER SALVAGE OR DISPOSE OF IT PROPERLY. BRING THE DISTURBED AREA TO PROPER GRADE, THEN SMOOTH AND COMPACT IT. APPROPRIATELY STABILIZE ALL BARE AREAS AROUND THE INLET.



MAINTENANCE NOTES:

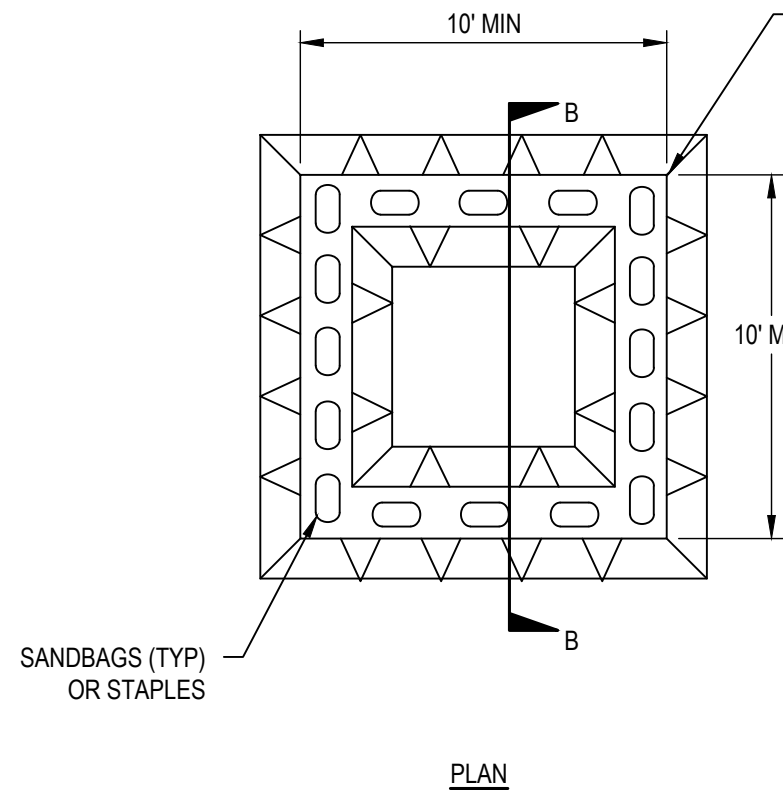
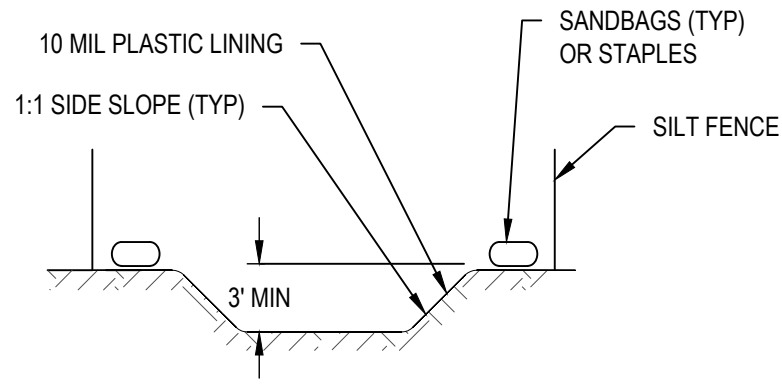
- INSPECT SEDIMENT FENCES AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL. MAKE ANY REQUIRED REPAIRS IMMEDIATELY.
- SHOULD THE FABRIC OF A SEDIMENT FENCE COLLAPSE, TEAR, DECOMPOSE OR BECOME INEFFECTIVE, REPLACE IT PROMPTLY.
- REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE. TAKE CARE TO AVOID UNDERMINING THE FENCE DURING CLEANOUT.
- REMOVE ALL FENCING MATERIALS AND UNSTABLE SEDIMENT DEPOSITS AND BRING THE AREA TO GRADE AND STABILIZE IT AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.



MAINTENANCE NOTE:

- THE CONCRETE WASHOUT STRUCTURES SHALL BE MAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES CAPACITY.

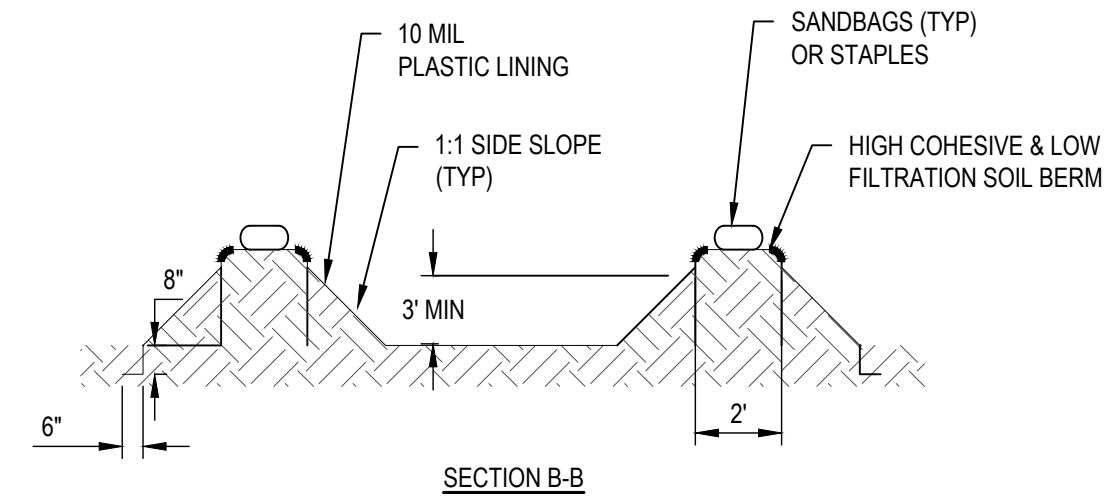
BELOW GRADE WASHOUT STRUCTURE



MAINTENANCE NOTE:

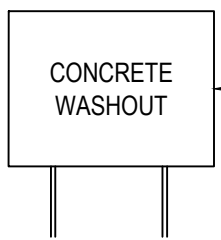
- THE CONCRETE WASHOUT STRUCTURES SHALL BE MAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES CAPACITY TO PROVIDE ADEQUATE HOLDING CAPACITY WITH A MINIMUM 12 INCHES OF FREEBOARD.

ABOVE GRADE WASHOUT STRUCTURE



NOTES:

- ACTUAL LOCATION DETERMINED IN FIELD
- CONCRETE WASHOUT STRUCTURE NEEDS TO BE CLEARLY MARKED WITH SIGNAGE NOTING DEVICE.

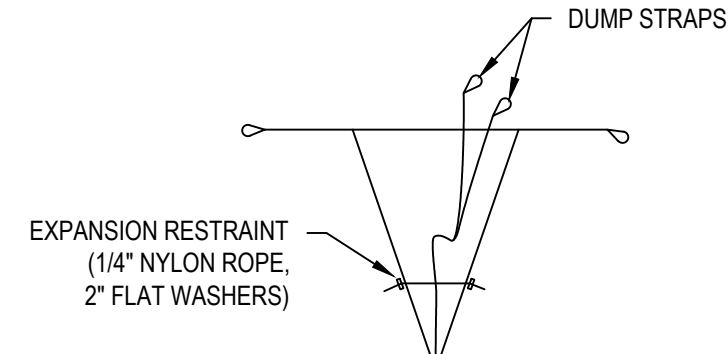
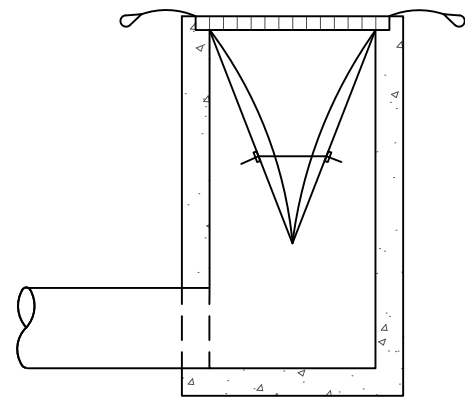
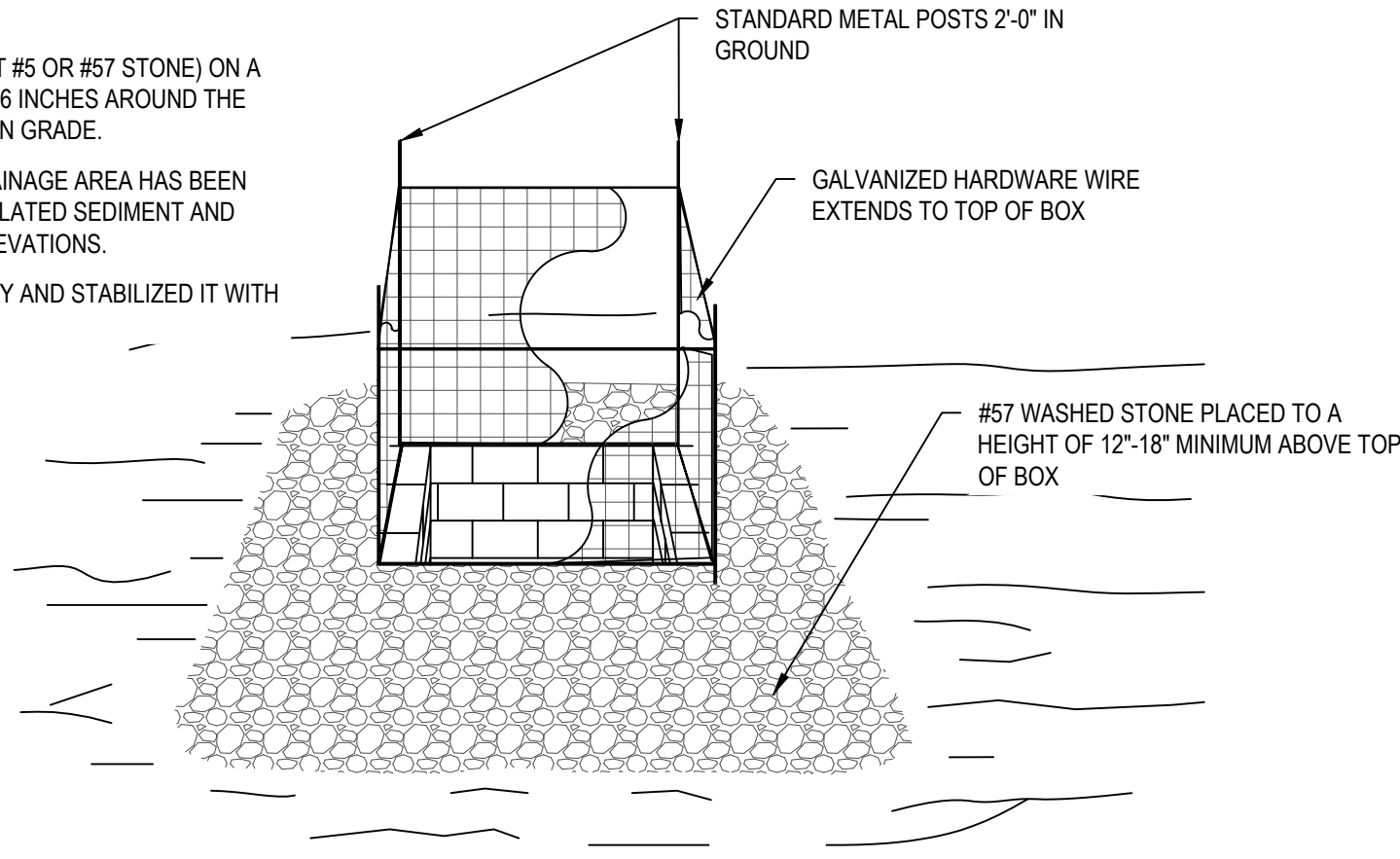


ONSITE CONCRETE WASHOUT STRUCTURE WITH LINER

NOT TO SCALE

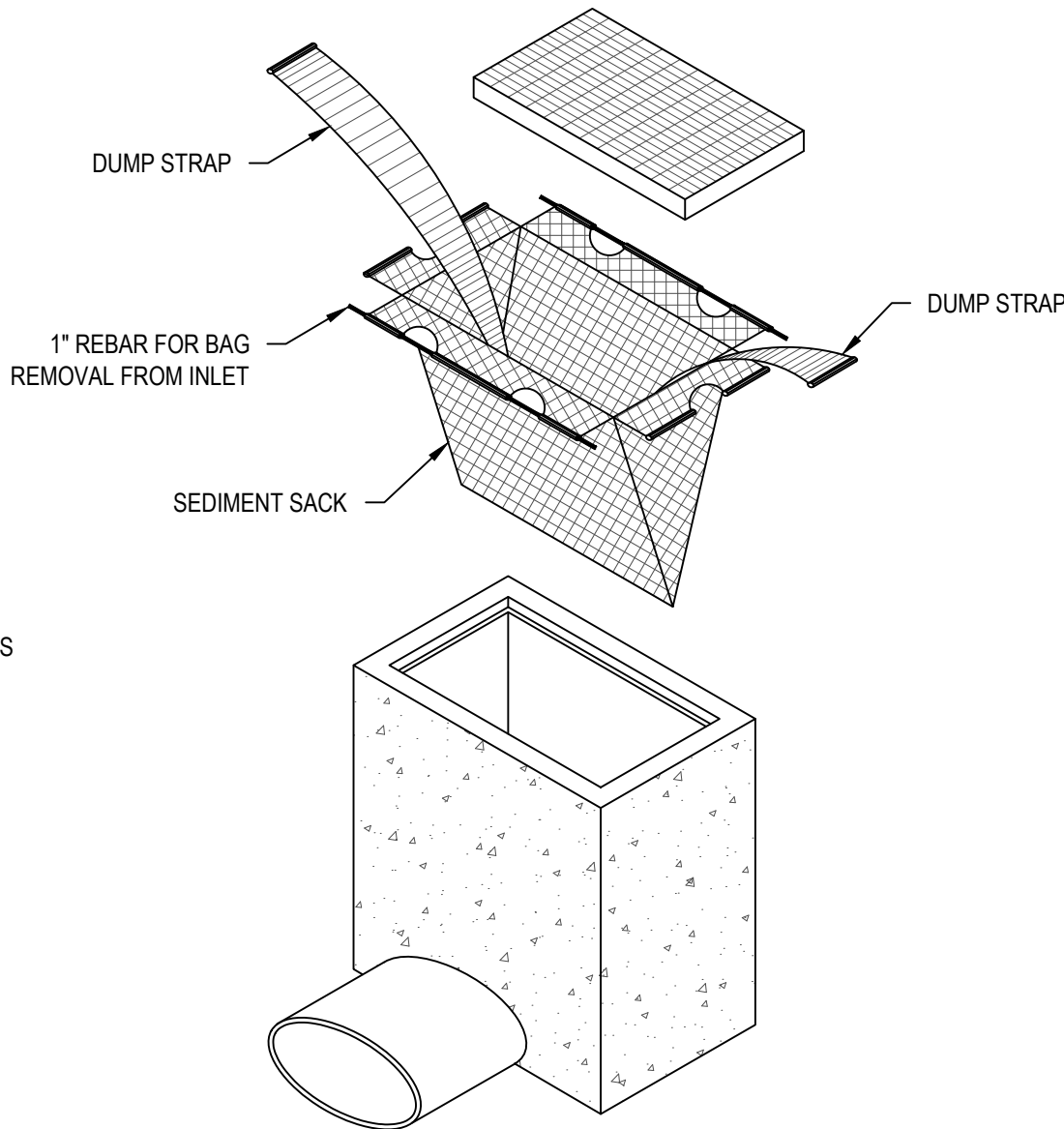
HARDWARE CLOTH & GRAVEL INLET PROTECTION

NOT TO SCALE



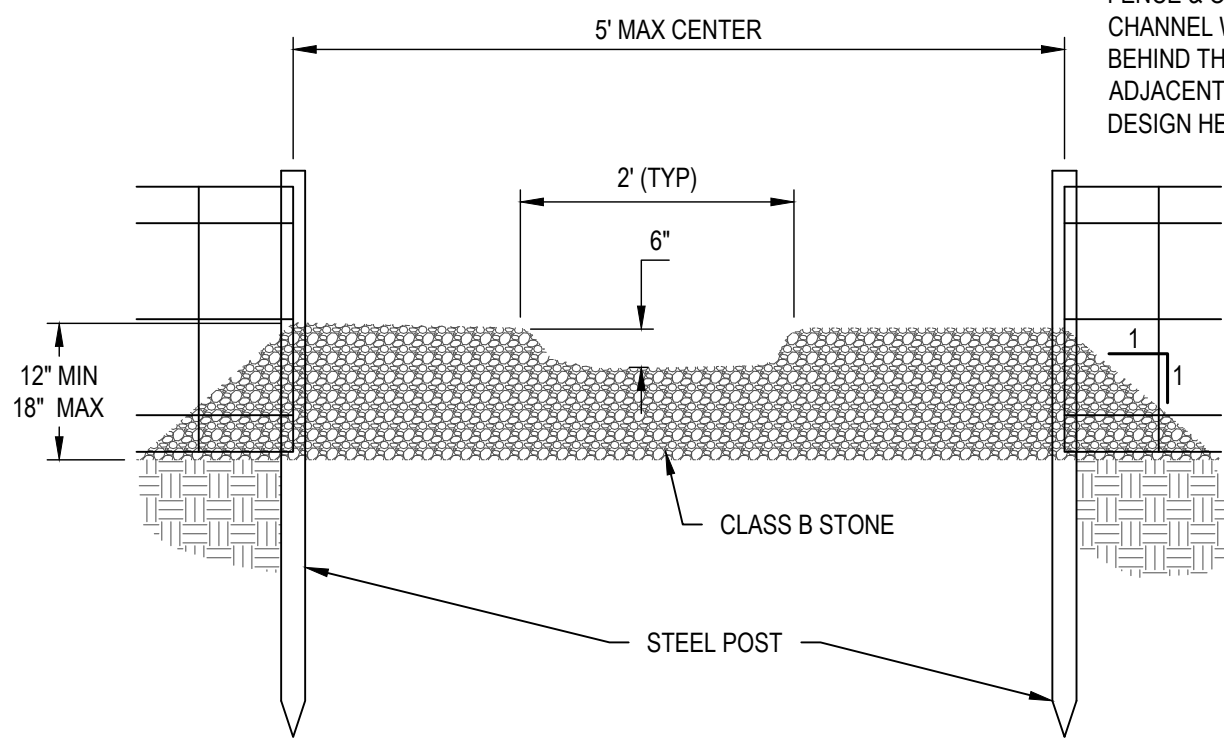
MAINTENANCE NOTE:

INSPECT INLETS AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT (1/2 INCH OR GREATER) RAINFALL EVENT. CLEAR THE SEDIMENT SACK OF ANY DEBRIS OR OTHER OBJECTS TO PROVIDE ADEQUATE FLOW FOR SUBSEQUENT RAINS. TAKE CARE NOT TO DAMAGE THE SEDIMENT SACK DURING SEDIMENT REMOVAL. REPLACE DAMAGED SEDIMENT SACKS IMMEDIATELY.



INLET SEDIMENT CONTROL DEVICE

NOT TO SCALE

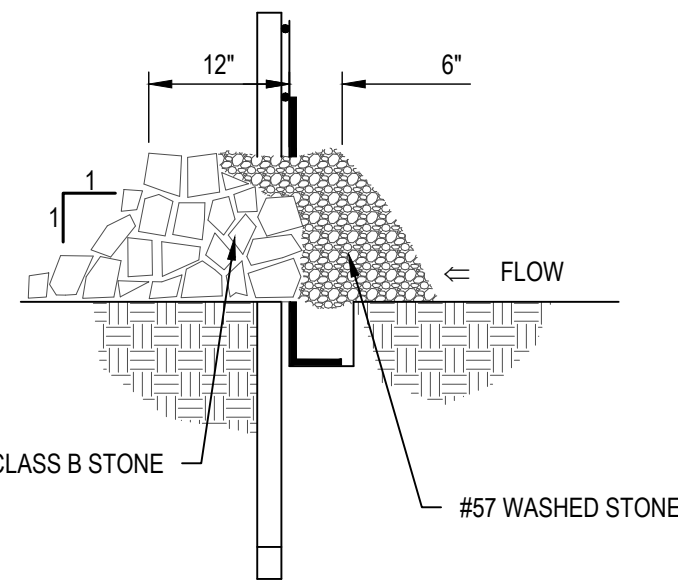


NOTE:

- POSTS TO BE BURIED A MINIMUM OF 24".

SILT FENCE OUTLET-STONE

NOT TO SCALE

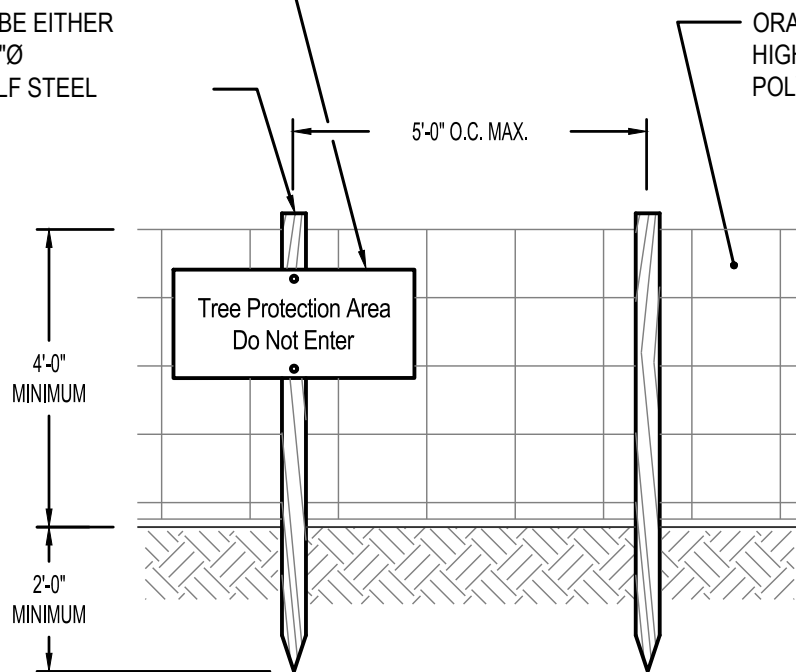


EROSION CONTROL NOTES:

- CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING AND INSTALLING ALL EROSION CONTROL MEASURES TO ACCOUNT FOR ANY EROSION THAT MAY OCCUR.

WEATHERPROOF SIGN AS SHOWN ABOVE. SEE NOTES BELOW FOR CONSTRUCTION AND SPACING DATA.

POST MAY BE EITHER 4"x2 PINE, 2"x2 OR 1.33 lb./LF STEEL

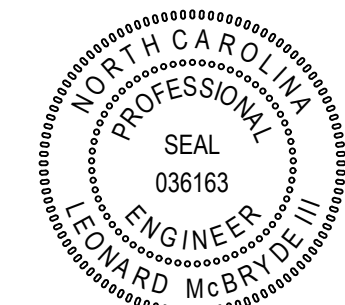


TREE PROTECTION FENCE

NTS

NOTES:

- WARNING SIGNS TO BE MADE OF DURABLE, WEATHERPROOF MATERIAL.
- LETTERS ARE TO BE 3" HIGH MIN., CLEARLY LEGIBLE AND SPACED AS DETAILED.
- SIGNS ARE TO BE PLACED NO GREATER THAN 200' ON CENTER.
- PLACE SIGN AT EACH END OF LINEAR TREE PROTECTION AREA AND ON CENTER THEREAFTER FOR TREE PROTECTION AREAS LESS THAN 200' IN PERIMETER. PROVIDE NO LESS THAN ONE SIGN PER PROTECTION AREA.
- ATTACH SIGNS SECURELY TO FENCE POST AND FABRIC.
- MAINTAIN TREE PROTECTION FENCE THROUGHOUT DURATION OF PROJECT.



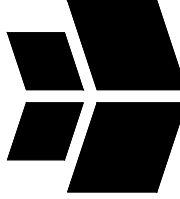
WR Job No. 06211005.00 DATE 01/25/2023  
DRN: DAC DGN: DAC CKD: LM

EROSION CONTROL DETAILS

C1.00

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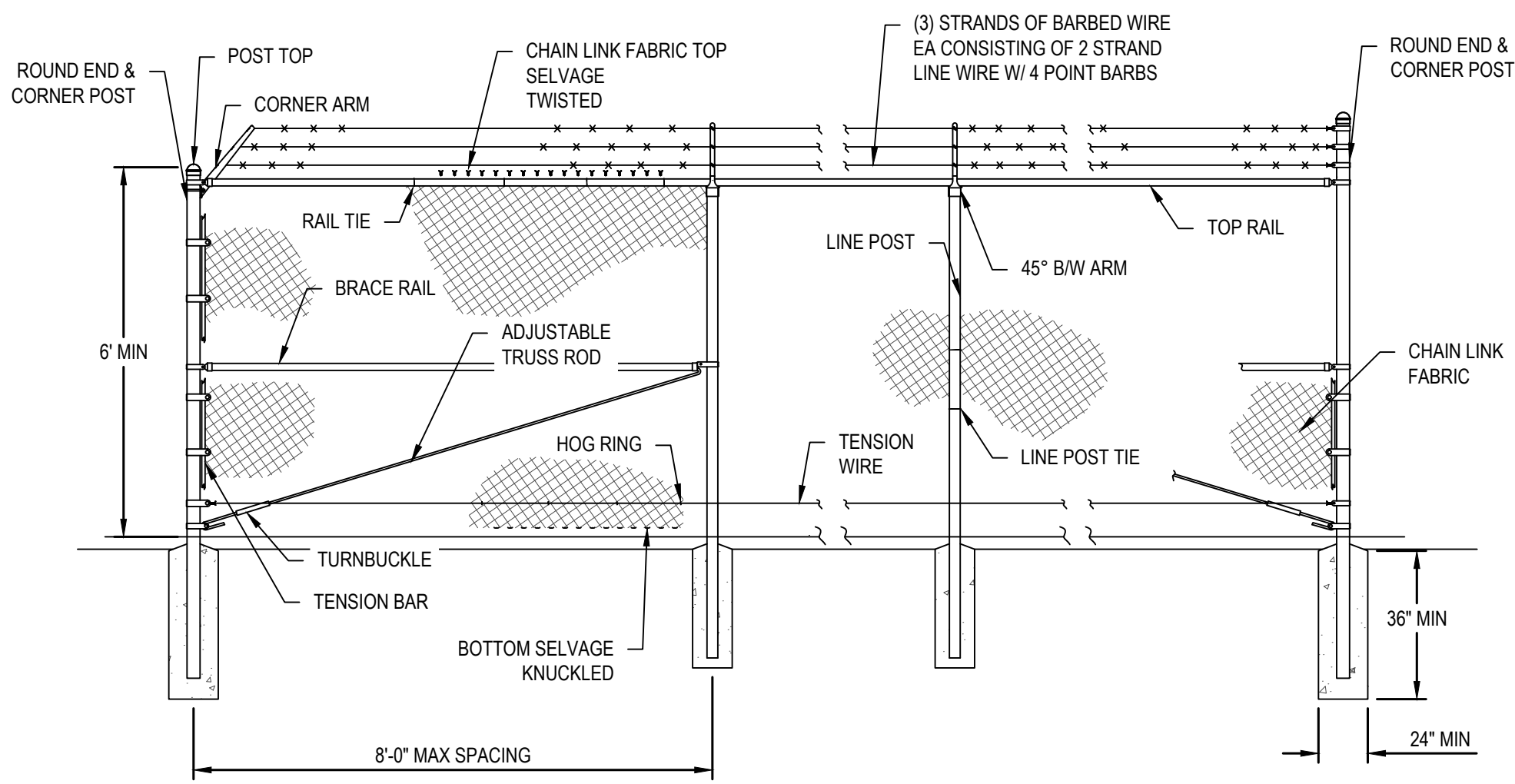


ROBESON COUNTY  
550 NORTH CHESTNUT STREET  
LUMBERTON, NC 29388

CONSTRUCTION PLANS  
ROBESON COUNTY  
MAXTON GENERATORS  
CRI-155-0014  
MAXTON, NC 28344 | ROBESON



\\withersravel.com\wrcorp\robeson\WRShare\generators\21151-10002-11005-robeson-co-maxton-generator-project\CAD\drawing sets\construction\1.DWG - 1/25/23 1:59 PM - ACHIEK



CHAIN LINK FENCE  
NOT TO SCALE

WR Job No.	DATE
06211005.00	01/25/2023
DRN: DAC	DGN: DAC
CKD: LM	

STANDARD  
DETAILS

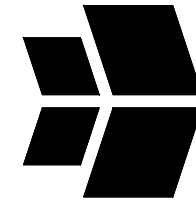
C1.01



CONSTRUCTION PLANS  
**ROBESON COUNTY**  
**MAXTON GENERATORS**  
**CRI-155-0014**

MAXTON, NC 28364 | ROBESON

**ROBESON COUNTY**  
550 NORTH CHESTNUT STREET  
LUMBERTON, NC 29388



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**Section 106 ATTACHMENT 3:**

**Subject Properties' Current Photographs**

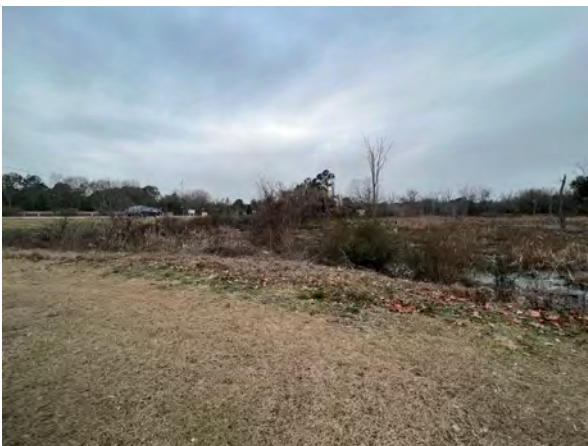
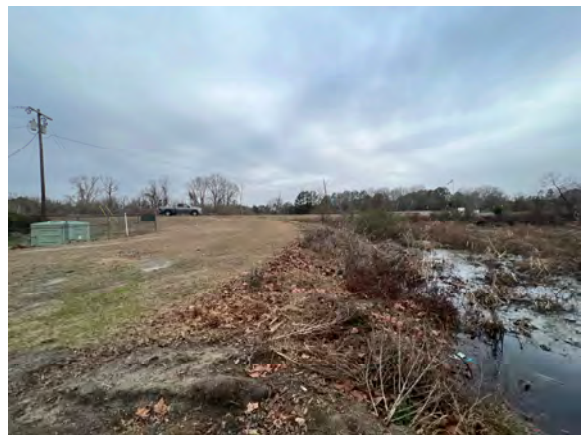


Maxton Sewer Lift Station **No. 5**, 303 N. Hooper Street, Maxton, NC 28364





Maxton Sewer Lift Station No. 7, 904 US 74 BUS, Maxton, NC 28364





Maxton Sewer Lift Station **No. 10**, 627 NC Highway 71N, Maxton, NC 28364





Maxton Sewer Lift Station **No. 11**, 2074 NC Highway 71N, Maxton, NC 28364



Culvert towards Lumber River (below left)





# North Carolina Department of Public Safety

## Office of Recovery and Resiliency

Roy Cooper, Governor  
Eddie M. Buffaloe, Jr., Secretary

Laura H. Hogshead, Director

January 31, 2023

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  
Town of Maxton Sewer Lift Station Generators  
Four Sewer Lift Stations  
Maxton, NC 28364

Dear Dr. Wenonah George Haire:

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



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[www.ncdps.gov](http://www.ncdps.gov)  
[www.rebuild.nc.gov](http://www.rebuild.nc.gov)



Area of Potential Effects (APE) under §800.16(d): We have defined the APE as the boundary of the proposed sites for construction (Subject Properties) located at the four existing Town of Maxton Sewer Lift Stations (SLS). The individual maps identifying their locations are included in **Attachment 1** for your review. Maxton SLS **No. 5** located at 303 N. Hooper Street, Maxton, NC 28364 is Town-owned, identified as Parcel ID 330601026, and consists of 0.41 acre. Maxton SLS **No. 7** located at 904 US 74 BUS, Maxton, NC 28364 is Town-owned, identified as Parcel ID 33030102001, and consists of 0.33 acre. Maxton SLS **No. 10** located at 627 NC Highway 71N, Maxton, NC 28364 is Town-owned, identified as Parcel ID 11030100143, and consists of 0.47 acre. Maxton SLS **No. 11** located at 2074 NC Highway 71N, Maxton, NC 28364 is County-owned, identified as Parcel ID 110202001, and consists of approximately 1.43 acres.

The State of North Carolina was adversely impacted by the landfall of Hurricanes Matthew (October 8, 2016) and Florence (September 14, 2018). During the Hurricane Matthew storm event, the Town of Maxton lost primary power for an extended time, which adversely impacted the Town's ability to maintain its sewage treatment facility and peripheral sewer lift stations. The loss of sewage treatment capacity caused an immediate threat to the health and safety of the Town's residents. This proposed project will utilize CDBG-DR funding to install auxiliary power generators at four (4) sewer lift stations which move raw sewage from neighborhoods in the Town to the central processing facility, and will mitigate against potential backups and lack of capacity during future storm events. Therefore, funding for the proposed project will be provided in part by the HUD CDBG-DR North Carolina Infrastructure Recovery Program for Hurricane Matthew storm recovery activities in North Carolina.

Proposed Project Description: The Town of Maxton seeks to purchase and install appropriately-sized auxiliary power generators at the sites outlined above, each with automatic transfer switching capability. The proposed project site plans are included in **Attachment 2**. During Hurricane Matthew and its aftermath, the Town's primary power source was lost, causing the Town's sewer lift stations to go offline, creating a threat to public safety resulting from sewage backups into residences served by the offline sewer lift stations. Robeson County, on behalf of the Town of Maxton, has procured engineering services to provide design drawings for the purchase of auxiliary power generators of varying sizes to alleviate the effects of future primary power loss, per the following:

**SLS No. 5:** One (1) 25kW, 240/120v three-phase, diesel-powered auxiliary power generator will be situated in the northwest quadrant of the property. Generator equipment will include a belly-mounted, integrated 25-gallon fuel tank, battery and charger, and control panel equipment with automatic circuit breakers. The generator will also include automatic transfer switching. In the event of primary power failure, the automatic transfer switch (ATS) will sense loss of primary power and automatically start the generator. Specifications for the ATS include a 400A, 120/240V, 60Hz voltage rating. The switch will be installed adjacent to the new control panel and circuit breaker equipment, 6' above-grade and connected to the generator equipment set via underground conduit. The generator package will be set upon a newly constructed, reinforced concrete pad, 8' x 4' x 8," with 4" of the pad below- and 4" above-grade. New electrical panels and controls will be installed on an erected power panel, attached to metal support poles, anchored 4' below-grade. Electrical connections from the generator to/from the control panel and ATS, and

subsequent connections to the lift station will be via underground conduit, installed by directional drilling.

**SLS No. 7:** One (1) 40kW, 240/120v three-phase, diesel-powered auxiliary power generator will be situated in the northwest quadrant of the property. Generator equipment will include a belly-mounted, integrated 30-gallon fuel tank, battery and charger, and control panel equipment with automatic circuit breakers. The generator will also include automatic transfer switching. In the event of primary power failure, the ATS will sense loss of primary power and automatically start the generator. Specifications for the ATS include a 400A, 120/240V, 60Hz voltage rating. The switch will be installed adjacent to the new control panel and circuit breaker equipment, 6' above-grade and connected to the generator equipment set via underground conduit. The generator package will be set upon a newly constructed, reinforced concrete pad, 8' x 4' x 8," with 4" of the pad below- and 4" above-grade. New electrical panels and controls will be installed on an erected power panel, attached to metal support poles, anchored 4' below-grade. Electrical connections from the generator to/from the control panel and ATS, and subsequent connections to the lift station will be via underground conduit, installed by directional drilling. ***SLS No. 7 is the only site where the existing fence will be extended to accommodate the generator placement on the western side of the current fence line.***

**SLS No. 10:** One (1) 60kW, 240/120v three-phase, diesel-powered auxiliary power generator will be situated in the southwest quadrant of the property. Generator equipment will include a belly-mounted, integrated 35-gallon fuel tank, battery and charger, and control panel equipment with automatic circuit breakers. The generator will also include automatic transfer switching. In the event of primary power failure, the ATS will sense loss of primary power and automatically start the generator. Specifications for the ATS include a 400A, 120/240V, 60Hz voltage rating. The switch will be installed adjacent to the new control panel and circuit breaker equipment, 6' above-grade and connected to the generator equipment set via underground conduit. The generator package will be set upon a newly constructed, reinforced concrete pad, 8' x 4' x 8," with 4" of the pad below- and 4" above-grade. New electrical panels and controls will be installed on an erected power panel, attached to metal support poles, anchored 4' below-grade. Electrical connections from the generator to/from the control panel and ATS, and subsequent connections to the lift station will be via underground conduit, installed by directional drilling.

**SLS No. 11:** One (1) 40kW, 240/120v three-phase, diesel-powered auxiliary power generator will be situated on the southern edge of the subject property. Generator equipment will include an integrated 30-gallon fuel tank, battery and charger, and control panel equipment with automatic circuit breakers. The generator will also include automatic transfer switching. In the event of primary power failure, the ATS will sense loss of primary power and automatically start the generator. Specifications for the ATS include a 400A, 120/240V, 60Hz voltage rating. The switch will be installed adjacent to the new control panel and circuit breaker equipment, 6' above-grade and connected to the generator equipment set via underground conduit. The generator package and electrical panels and circuitry will be mounted on a steel frame 2' feet above base flood elevation (BFE). The steel frame will be mounted on steel posts, anchored 4' below current grade. Electrical connections from the control panel and ATS equipment will be made at the terminating panels within the lift station via underground conduit, installed by directional drilling.

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. NCORR reviewed the National Register of Historic Places (NRHP) and North Carolina State Historic Preservation Office's (NC SHPO) HPOWEB maps and conducted site inspections for historic resources located near the Subject Properties. There are no historic sites located within 500 feet of Maxton Sewer Lift Station **No. 5**, 303 N. Hooper Street, Maxton, NC 28364. SLS **No. 5** is located approximately 0.24 miles from the Maxton Historic District. Within 500 feet of Maxton Sewer Lift Station **No. 7**, 904 US 74 Business, Maxton, NC 28364, there is one historic site identified as SD RB0338: Houses & Church (Gone) on Brooklyn Street noting Church demo and replaced with new building between 1993-1998. There are no historic sites located within 500 feet of Maxton Sewer Lift Station **No. 10**, 627 NC Highway 71N, Maxton, NC 28364. There are no historic sites located within 500 feet of Maxton Sewer Lift Station **No. 11**, 2074 NC Highway 71N, Maxton, NC 28364. The results are included in **Attachment 1**.

The proposed project information is being sent to the NC SHPO in accordance with Section 106 of the NHPA and its implementing regulations, 36 CFR Part 800. The Lumbee Tribe of NC has been sent a notification of the proposed project. The Maxton **No. 5** sewer lift station was built in 1967. Maxton **Nos. 7, 10, and 11** sewer lift stations were built in 1980. The Subject Properties' site 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](mailto: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](mailto:Andrea.L.Gievers@Rebuild.NC.gov). Thank you for your time and assistance.

Sincerely,



Andrea Gievers, JD, MSEL, ERM  
NCORR Environmental Subject Matter Expert

**Proposed Project Enclosures:**

Attachment 1: Proposed Project Location, NRHP and NC HPOWEB Maps

Attachment 2: Proposed Project 95% Design Plans

Attachment 3: Subject Properties' Site Photographs

cc: Chief Bill Harris, Catawba Indian Nation, 996 Avenue of the Nations, Rock Hill, SC 29730

**Section 106 ATTACHMENTS 1-3:**

**See the same attachments included  
with the Section 106 package sent to  
Chief Bill Harris  
(removed for brevity of report)**





# North Carolina Department of Public Safety

## Office of Recovery and Resiliency

Roy Cooper, Governor  
Eddie M. Buffaloe, Jr., Secretary

Laura H. Hogshead, Director

January 23, 2023

Chairman John Lowery  
Lumbee Tribe of North Carolina  
P.O. Box 2709  
Pembroke, NC 28372

RE: NCORR - HUD CDBG-DR Program  
Town of Maxton Sewer Lift Station Generators Project  
Four Sewer Lift Stations  
Maxton, NC 28364

Dear Chairman John Lowery:

The North Carolina Office of Recovery and Resiliency (NCORR) is notifying you as a representative of the Lumbee Tribe of North Carolina that an infrastructure improvement project is proposed within a potential area of interest to your Tribe. 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 proposed project, the Town of Maxton Sewer Lift Station Generators, located at four sewer lift stations in Maxton, Robeson County, NC 28364. The State of North Carolina was adversely impacted by the landfall of Hurricanes Matthew (October 8, 2016) and Florence (September 14, 2018). Therefore, funding for the proposed project will be provided in part by the HUD CDBG-DR program for Hurricane Matthew storm recovery activities in North Carolina.

The Town of Maxton Sewer Lift Station Generators Project is located at four existing sewer lift stations in Maxton. Sewer Lift Station **No. 5** located at 303 N. Hooper Street, Maxton, NC 28364 is Town-owned, identified as Parcel ID 330601026, and consists of 0.41 acre. Sewer Lift Station **No. 7** located at 904 US 74 BUS, Maxton, NC 28364 is Town-owned, identified as Parcel ID 33030102001, and consists of 0.33 acre. Sewer Lift Station **No. 10** located at 627 NC Highway 71N, Maxton, NC 28364 is Town-owned, identified as Parcel ID 11030100143, and consists of 0.47 acre. Sewer Lift Station **No. 11** located at 2074 NC Highway 71N, Maxton, NC 28364 is County-owned, identified as Parcel ID 110202001, and consists of approximately 1.43 acres.

**Mailing Address:**  
Post Office Box 110465  
Durham, NC 27709



**Phone: (984) 833-5350**  
[www.ncdps.gov](http://www.ncdps.gov)  
[www.rebuild.nc.gov](http://www.rebuild.nc.gov)

*An Equal Opportunity Employer*

During the Hurricane Matthew storm event, the Town of Maxton lost primary power for an extended time, which adversely impacted the Town's ability to maintain its sewage treatment facility and peripheral sewer lift stations. The loss of sewage treatment capacity caused an immediately threat to the health and safety of the Town's residents. This proposed project will utilize CDBG-DR funding to install auxiliary power generators at four (4) sewer lift stations which move raw sewage from neighborhoods in the Town to the central processing facility, and will mitigate against potential backups and lack of capacity during future storm events.

The Town of Maxton seeks to purchase and install appropriately-sized auxiliary power generators at the sites outlined above, each with automatic transfer switching capability. During Hurricane Matthew and its aftermath, the Town's primary power source was lost, causing the Town's sewer lift stations to go offline, creating a threat to public safety resulting from sewage backups into residences served by the offline sewer lift stations. Robeson County, on behalf of the Town of Maxton, has procured engineering services to provide design drawings for the purchase of auxiliary power generators of varying sizes to alleviate the effects of future primary power loss, per the following:

1. **Lift Station No. 5:** One (1) 25kW, 240/120v three-phase, diesel-powered auxiliary power generator will be situated in the northwest quadrant of the property. Generator equipment will include a belly-mounted, integrated 25-gallon fuel tank, battery and charger, and control panel equipment with automatic circuit breakers. The generator will also include automatic transfer switching. In the event of primary power failure, the automatic transfer switch (ATS) will sense loss of primary power and automatically start the generator. Specifications for the ATS include a 400A, 120/240V, 60Hz voltage rating. The switch will be installed adjacent to the new control panel and circuit breaker equipment, 6' above-grade and connected to the generator equipment set via underground conduit. The generator package will be set upon a newly constructed, reinforced concrete pad, 8' x 4' x 8," with 4" of the pad below- and 4" above-grade. New electrical panels and controls will be installed on an erected power panel, attached to metal support poles, anchored 4' below-grade. Electrical connections from the generator to/from the control panel and ATS, and subsequent connections to the lift station will be via underground conduit, installed by directional drilling.
2. **Lift Station No. 7:** One (1) 40kW, 240/120v three-phase, diesel-powered auxiliary power generator will be situated in the northwest quadrant of the property. Generator equipment will include a belly-mounted, integrated 30-gallon fuel tank, battery and charger, and control panel equipment with automatic circuit breakers. The generator will also include automatic transfer switching. In the event of primary power failure, the ATS will sense loss of primary power and automatically start the generator. Specifications for the ATS include a 400A, 120/240V, 60Hz voltage rating. The switch will be installed adjacent to the new control panel and circuit breaker equipment, 6' above-grade and connected to the generator equipment set via underground conduit. The generator package will be set upon a newly constructed, reinforced concrete pad, 8' x 4' x 8," with 4" of the pad below- and 4" above-grade. New electrical panels and controls will be installed on an erected power panel, attached to metal support poles, anchored 4' below-grade. Electrical connections


from the generator to/from the control panel and ATS, and subsequent connections to the lift station will be via underground conduit, installed by directional drilling.

- 3. Lift Station No. 10:** One (1) 60kW, 240/120v three-phase, diesel-powered auxiliary power generator will be situated in the southwest quadrant of the property. Generator equipment will include a belly-mounted, integrated 35-gallon fuel tank, battery and charger, and control panel equipment with automatic circuit breakers. The generator will also include automatic transfer switching. In the event of primary power failure, the ATS will sense loss of primary power and automatically start the generator. Specifications for the ATS include a 400A, 120/240V, 60Hz voltage rating. The switch will be installed adjacent to the new control panel and circuit breaker equipment, 6' above-grade and connected to the generator equipment set via underground conduit. The generator package will be set upon a newly constructed, reinforced concrete pad, 8' x 4' x 8," with 4" of the pad below- and 4" above-grade. New electrical panels and controls will be installed on an erected power panel, attached to metal support poles, anchored 4' below-grade. Electrical connections from the generator to/from the control panel and ATS, and subsequent connections to the lift station will be via underground conduit, installed by directional drilling.
- 4. Lift Station No. 11:** One (1) 40kW, 240/120v three-phase, diesel-powered auxiliary power generator will be situated on the southern edge of the subject property. Generator equipment will include an integrated 30-gallon fuel tank, battery and charger, and control panel equipment with automatic circuit breakers. The generator will also include automatic transfer switching. In the event of primary power failure, the ATS will sense loss of primary power and automatically start the generator. Specifications for the ATS include a 400A, 120/240V, 60Hz voltage rating. The switch will be installed adjacent to the new control panel and circuit breaker equipment, 6' above-grade and connected to the generator equipment set via underground conduit. The generator package and electrical panels and circuitry will be mounted on a steel frame 2' feet above base flood elevation (BFE). The steel frame will be mounted on steel posts, anchored 4' below current grade. Electrical connections from the control panel and ATS equipment will be made at the terminating panels within the lift station via underground conduit, installed by directional drilling.

The proposed project will be reviewed by the NC State Historic Preservation Office (SHPO) Office of State Archaeology and the Catawba Indian Nation. We wanted to notify you directly on this proposed project.

We appreciate the support the Lumbee Tribe has provided to the efforts of ReBuild NC and look forward to a continued productive relationship as we assist North Carolinians.

Respectfully,

DocuSigned by:  
  
D8561D53476B499...  
Laura H. Hogshead

## **ATTACHMENT 12:**


### **Sole Source Aquifers**

EPA Sole Source Aquifer Map

# U.S. EPA Sole Source Aquifer Map



4/17/2023, 4:12:52 PM

 Sole\_Source\_Aquifers

1:9,244,649  
0 65 130 260 mi  
0 105 210 420 km

Esri, HERE, Garmin, NGA, USGS, NPS

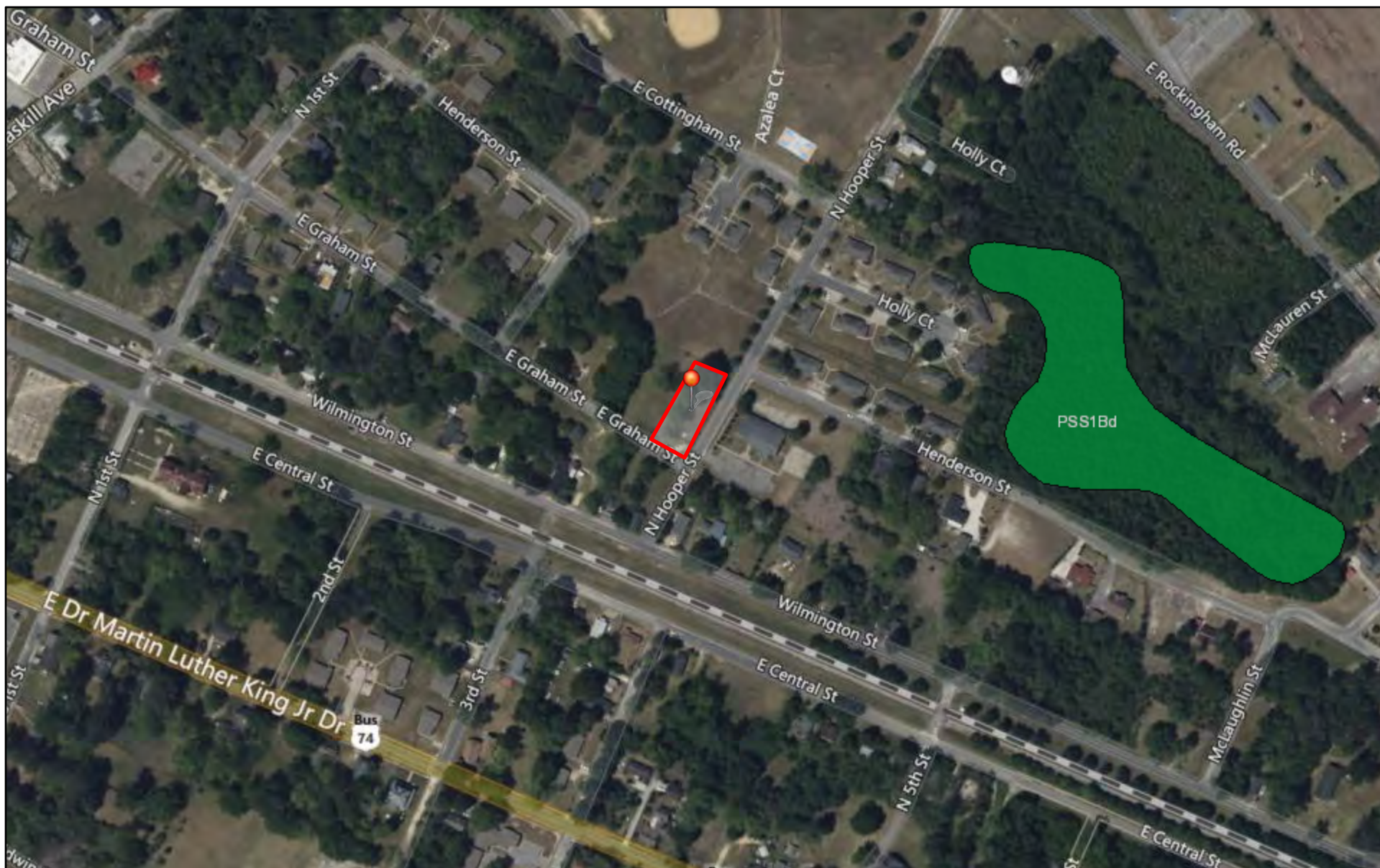


## **ATTACHMENT 13:**

### **Wetlands Protection**

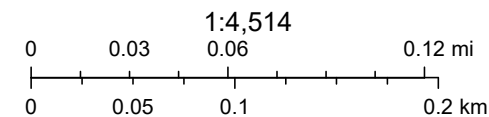
**Maxton Sewer Lift Station No. 5**  
**303 N. Hooper Street, Maxton, NC 28364**

# Maxton Sewer Lift Station No. 5, 303 N. Hooper Street, Maxton, NC 28364 - NWI Map



January 10, 2023

Wetlands	
	Estuarine and Marine Deepwater
	Estuarine and Marine Wetland
	Freshwater Emergent Wetland
	Freshwater Forested/Shrub Wetland
	Freshwater Pond
	Lake



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wetlands\_team@fws.gov, © 2022 Microsoft Corporation © 2022 Maxar

**Maxton Sewer Lift Station No. 7**  
**904 US 74 BUS, Maxton, NC 28364**



# Maxton Sewer Lift Station No. 7, 904 US 74 BUS, Maxton, NC 28364 - NWI Map



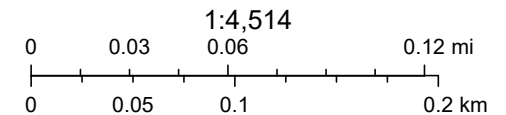
January 10, 2023

## Wetlands

<span style="display:inline-block; width:15px; height:15px; background-color:blue; border:1px solid black;"></span> Estuarine and Marine Deepwater	<span style="display:inline-block; width:15px; height:15px; background-color:lightblue; border:1px solid black;"></span> Freshwater Pond	<span style="display:inline-block; width:15px; height:15px; background-color:lightgreen; border:1px solid black;"></span> Other
<span style="display:inline-block; width:15px; height:15px; background-color:lightgreen; border:1px solid black;"></span> Estuarine and Marine Wetland	<span style="display:inline-block; width:15px; height:15px; background-color:darkblue; border:1px solid black;"></span> Lake	<span style="display:inline-block; width:15px; height:15px; background-color:lightblue; border:1px solid black;"></span> Riverine
<span style="display:inline-block; width:15px; height:15px; background-color:yellow; border:1px solid black;"></span> Freshwater Emergent Wetland		



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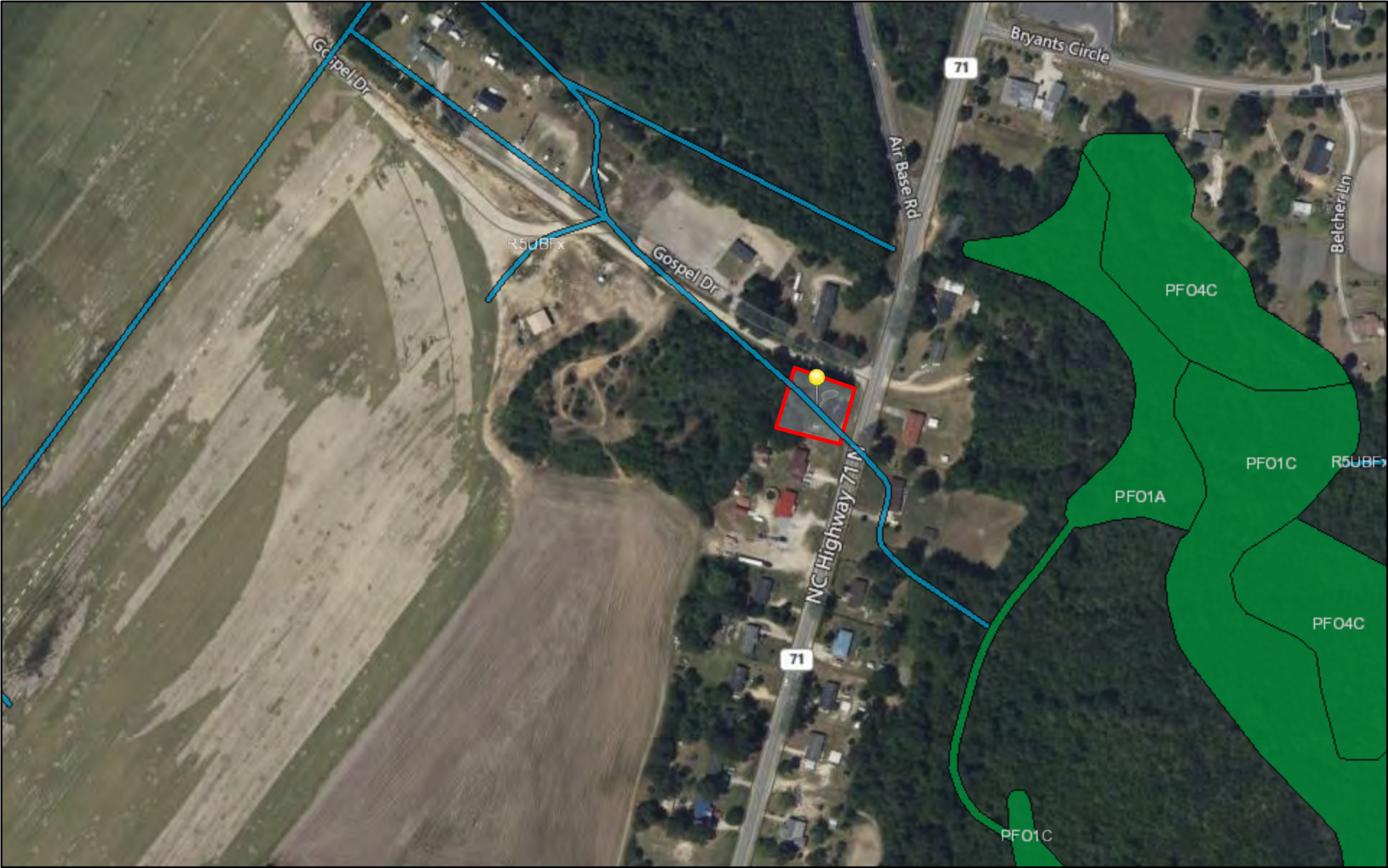


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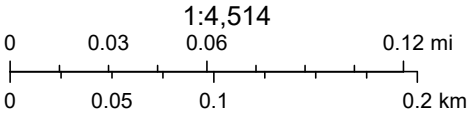
**Maxton Sewer Lift Station No. 10**  
**627 NC Highway 71N, Maxton, NC 28364**

Maxton Sewer Lift Station No. 10, 627 NC Highway 71N, Maxton, NC 28364 - NWI Map



January 10, 2023

- Wetlands
- |   |   |
|---|---|
|  Estuarine and Marine Deepwater |  Freshwater Forested/Shrub Wetland |
|  Estuarine and Marine Wetland   |  Freshwater Pond                   |
|  Freshwater Emergent Wetland    |  Lake                              |



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U.S. Fish and Wildlife Service

# National Wetlands Inventory

## Maxton Sewer Lift Station No. 10



U.S. Fish and Wildlife Service, National Standards and Support Team,  
wetlands\_team@fws.gov

January 10, 2023

### Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

**Maxton Sewer Lift Station No. 11**  
**2074 NC Highway 71N, Maxton, NC 28364**

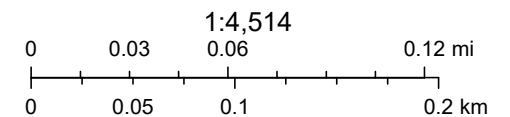


# Maxton Sewer Lift Station No. 11, 2074 NC Highway 71N, Maxton, NC 28364 - NWI Map



January 10, 2023

Wetlands	
<span style="color: blue;">■</span>	Estuarine and Marine Deepwater
<span style="color: lightblue;">■</span>	Estuarine and Marine Wetland
<span style="color: green;">■</span>	Freshwater Emergent Wetland
<span style="color: darkgreen;">■</span>	Freshwater Forested/Shrub Wetland
<span style="color: lightblue;">■</span>	Freshwater Pond
<span style="color: darkblue;">■</span>	Lake



U.S. Fish and Wildlife Service, National Standards and Support Team, wetlands\_team@fws.gov, © 2022 Microsoft Corporation © 2022 Maxar





U.S. Fish and Wildlife Service

# National Wetlands Inventory

## Maxton Sewer Lift Station No. 11



January 10, 2023

### Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

## Gievers, Andrea

---

**From:** Turlington, Chad  
**Sent:** Wednesday, June 14, 2023 2:18 PM  
**To:** Gievers, Andrea  
**Subject:** RE: NCORR Maxton SLS Generators Project - CWA Section 401 Cert

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Andrea,

If Gary Beecher with the USACE has determined that there are no wetlands or waters on the project area, and no 404 permit is required, then a 401 certification would not be required. There are no DWR mandated buffers in this area, so a Buffer Authorization would not be necessary. I don't know if there are any local or other buffers, so I would recommend that you follow up on that with those jurisdictions.

**Please note that our email addresses are being updated:** [chad.turlington@deq.nc.gov](mailto:chad.turlington@deq.nc.gov)

Chad Turlington  
Environmental Specialist  
North Carolina Department of Environmental Quality  
Office: (910) 433-3320  
[chad.turlington@deq.nc.gov](mailto:chad.turlington@deq.nc.gov)



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

---

**From:** Snider, Holley <holley.snider@deq.nc.gov>  
**Sent:** Wednesday, June 14, 2023 2:01 PM  
**To:** Gievers, Andrea <andrea.l.gievers@rebuild.nc.gov>  
**Cc:** Turlington, Chad <chad.turlington@deq.nc.gov>  
**Subject:** FW: NCORR Maxton SLS Generators Project - CWA Section 401 Cert

Good afternoon Andrea,

Please direct your question to Chad Turlington (copied) in our Fayetteville Regional Office whose territory includes the City of Maxton. I hope this information is helpful.

Sincerely,

Holley Snider .'-`~>((((@>'-`~>((((@>'-`~>((((@>'-`~>((((@>  
Environmental Specialist II  
Division of Water Resources

\*please note my email address has changed [holley.snider@deq.nc.gov](mailto:holley.snider@deq.nc.gov)\*



127 Cardinal Drive Ext.  
Wilmington, NC 28405

---

**From:** Gievers, Andrea <[andrea.l.gievers@rebuild.nc.gov](mailto:andrea.l.gievers@rebuild.nc.gov)>  
**Sent:** Thursday, June 1, 2023 4:16 PM  
**To:** Snider, Holley <[holley.snider@deq.nc.gov](mailto:holley.snider@deq.nc.gov)>  
**Subject:** NCORR Maxton SLS Generators Project - CWA Section 401 Cert

Hello Holley:

NCORR, as a recipient of HUD CDBG-MIT funds, is proposing to fund the placement of new generators with automatic transfer switching capability on concrete pads at four, existing, fenced-in **Town of Maxton Sewer Lift Stations**. SLS No. 7 is only site where the existing fence will be extended just to accommodate the generator placement on the western side. During Hurricane Matthew and its aftermath, the Town's primary power source was lost, causing the Town's sewer lift stations to go offline, creating a threat to public safety resulting from sewage backups into residences served by the offline sewer lift stations.

USACE Regulatory Project Manager Mr. Gary Beecher emailed us below that the NWI-mapped wetlands are no longer present and the proposed project will not impact 404 wetlands or Waters of the U.S. Do we need to pursue a CWA Section 401 certification or buffer authorization for this project? The State Environmental Clearinghouse comments suggested we check. The project information is attached. I apologize if you are the wrong contact, please forward if needed. Thank you!

Sincerely,

Andrea

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

---

**From:** Beecher, Gary H CIV USARMY CESAW (USA) <[Gary.H.Beecher@usace.army.mil](mailto:Gary.H.Beecher@usace.army.mil)>  
**Sent:** Thursday, June 1, 2023 2:36 PM  
**To:** Gievers, Andrea <[andrea.l.gievers@rebuild.nc.gov](mailto:andrea.l.gievers@rebuild.nc.gov)>  
**Subject:** RE: [External] RE: Maxton NC Generator project

**CAUTION:** External email. Do not click links or open attachments unless verified. Report suspicious emails with the Report Message button located on your Outlook menu bar on the Home tab.

Andrea,

Your welcome,

Those NWI maps can be dangerous, most that I've seen are not very accurate (except along Riparian waters)

Gary



Gary Beecher  
USACE Wilmington Field Office  
Regulatory Project Manager  
Office (910) 251-4694  
Cell (910) 473-7045  
[gary.h.beecher@usace.army.mil](mailto:gary.h.beecher@usace.army.mil)

---

**From:** Gievers, Andrea <[andrea.l.gievers@rebuild.nc.gov](mailto:andrea.l.gievers@rebuild.nc.gov)>  
**Sent:** Thursday, June 1, 2023 1:14 PM  
**To:** Beecher, Gary H CIV USARMY CESAW (USA) <[Gary.H.Beecher@usace.army.mil](mailto:Gary.H.Beecher@usace.army.mil)>  
**Subject:** [Non-DoD Source] RE: [External] RE: Maxton NC Generator project

Thanks, Gary! Are there no longer wetlands on the sites (i.e., outdated NWI Map)? Thanks again.

Sincerely,

Andrea Gievers

---

**From:** Beecher, Gary H CIV USARMY CESAW (USA) <[Gary.H.Beecher@usace.army.mil](mailto:Gary.H.Beecher@usace.army.mil)>  
**Sent:** Wednesday, May 31, 2023 2:15 PM  
**To:** Colores, Tracey <[tracey.colores@ncdps.gov](mailto:tracey.colores@ncdps.gov)>  
**Cc:** Blankenship, Bill <[bill.blankenship@rebuild.nc.gov](mailto:bill.blankenship@rebuild.nc.gov)>; Gievers, Andrea <[andrea.l.gievers@rebuild.nc.gov](mailto:andrea.l.gievers@rebuild.nc.gov)>; Turlington, Chad <[chad.turlington@deq.nc.gov](mailto:chad.turlington@deq.nc.gov)>  
**Subject:** RE: [External] RE: Maxton NC Generator project

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Tracey,

The Corps project ID for this project is:  
SAW-2023-01117

Please contact me if you have any questions about this project or about the USACE Regulatory Program or if the size, scope or locations of the proposed work changes.

Respectfully,  
Gary



Gary Beecher  
USACE Wilmington Field Office  
Regulatory Project Manager  
Office (910) 251-4694  
Cell (910) 473-7045  
[gary.h.beecher@usace.army.mil](mailto:gary.h.beecher@usace.army.mil)

---

**From:** Colores, Tracey <[tracey.colores@ncdps.gov](mailto:tracey.colores@ncdps.gov)>  
**Sent:** Wednesday, May 31, 2023 1:52 PM  
**To:** Beecher, Gary H CIV USARMY CESAW (USA) <[Gary.H.Beecher@usace.army.mil](mailto:Gary.H.Beecher@usace.army.mil)>  
**Cc:** Blankenship, Bill <[bill.blankenship@rebuild.nc.gov](mailto:bill.blankenship@rebuild.nc.gov)>; Gievers, Andrea <[andrea.l.gievers@rebuild.nc.gov](mailto:andrea.l.gievers@rebuild.nc.gov)>; Turlington, Chad <[chad.turlington@deq.nc.gov](mailto:chad.turlington@deq.nc.gov)>  
**Subject:** [Non-DoD Source] RE: [External] RE: Maxton NC Generator project

Thank you so much Gary –

Here is the applicant information you requested:

Robeson County Government  
Attn: Kellie Blue, County Manager  
550 N. Chestnut Street  
Lumberton, NC 29658  
910-671-3022  
[Kellie.blue@co.robeson.nc.us](mailto:Kellie.blue@co.robeson.nc.us)

Additional contact person whom the County has contracted for this project, in case it is helpful:

Jan Maynor  
910-618-2629  
[Jmaynor2@nc.rr.com](mailto:Jmaynor2@nc.rr.com)

We appreciate your help in getting this project over the finish line with as few grant dollars expended as possible.

Best,  
Tracey



---

**From:** Beecher, Gary H CIV USARMY CESAW (USA) <[Gary.H.Beecher@usace.army.mil](mailto:Gary.H.Beecher@usace.army.mil)>  
**Sent:** Wednesday, May 31, 2023 1:34 PM  
**To:** Colores, Tracey <[tracey.colores@ncdps.gov](mailto:tracey.colores@ncdps.gov)>  
**Cc:** Blankenship, Bill <[bill.blankenship@rebuild.nc.gov](mailto:bill.blankenship@rebuild.nc.gov)>; Gievers, Andrea <[andrea.l.gievers@rebuild.nc.gov](mailto:andrea.l.gievers@rebuild.nc.gov)>; Turlington, Chad <[chad.turlington@deq.nc.gov](mailto:chad.turlington@deq.nc.gov)>  
**Subject:** [External] RE: Maxton NC Generator project

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ALCON,

I apologize I thought I had already addressed and replied about this project.

After a revised review of the proposed project it appears that no 404 wetlands or Waters of the U.S. will be impacted by this project.

I'll generate a project ID that will be used to identify this project.

Can you give me the name, address and phone number of the current applicant?

Thanks and again I apologize for the delay in responding to your emails. Please let me know if the scope or location of the proposed work changes.

Respectfully,  
Gary



Gary Beecher  
USACE Wilmington Field Office  
Regulatory Project Manager  
Office (910) 251-4694  
Cell (910) 473-7045  
[gary.h.beecher@usace.army.mil](mailto:gary.h.beecher@usace.army.mil)

---

**From:** Colores, Tracey <[tracey.colores@ncdps.gov](mailto:tracey.colores@ncdps.gov)>  
**Sent:** Tuesday, May 30, 2023 3:43 PM  
**To:** Beecher, Gary H CIV USARMY CESAW (USA) <[Gary.H.Beecher@usace.army.mil](mailto:Gary.H.Beecher@usace.army.mil)>  
**Cc:** Blankenship, Bill <[bill.blankenship@rebuild.nc.gov](mailto:bill.blankenship@rebuild.nc.gov)>; Gievers, Andrea <[andrea.l.gievers@rebuild.nc.gov](mailto:andrea.l.gievers@rebuild.nc.gov)>  
**Subject:** [Non-DoD Source] Maxton NC Generator project

Mr. Beecher:

Just tried calling the numbers in your electronic signature and was unable to reach you so I'm sending an email in hopes of getting a response.

We are trying to move forward with an infrastructure project to help the Town of Maxton avoid future wastewater system failure, and we are having trouble getting the wetland delineation completed. It's my understanding you had offered to do it, and we have been very hopeful that you would because our HUD CDBG-DR grant money is fully committed and the project engineering firm was going to outsource that function, further depleting the dollars available to this project.

Please let me know how we can support you in performing the wetland delineation, and we will be happy to do so. For example if it would be helpful for my Director to contact someone in your office to ask for assistance, just let me know because we are ready to take whatever action is necessary.

Thank you in advance for your help, and I am happy to discuss this in more detail if you'd like.

Best,  
Tracey

Tracey Colores  
Community Development Director  
NC Office of Recovery and Resiliency  
919-522-7921

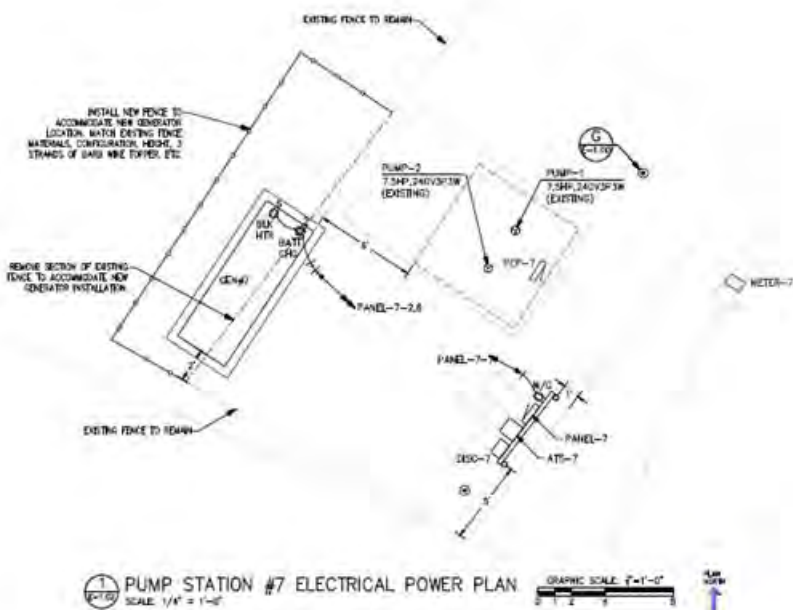
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Email correspondence to and from this address may be subject to the North Carolina Public Records Law and may be disclosed to third parties by an authorized state official.

## Gievers, Andrea

**From:** Gievers, Andrea  
**Sent:** Monday, January 30, 2023 10:07 AM  
**To:** Beecher, Gary H CIV USARMY CESAW (USA)  
**Cc:** Turlington, Chad  
**Subject:** RE: [External] RE: NCORR Town of Maxton Sewer Lift Station Generators Project

The four existing sewer lift stations are each getting a new concrete pad with a generator package (integrated diesel fuel tank, automatic transfer switching, wiring connections, electrical panels, and the generator) on top and electrical connections. The generators are all going in the fenced area, but No. 7 looks like it is being placed on fence line, so fence will be bumped out, see below. Otherwise, during storms, the power goes offline and sewage backs up all over town. The generators will keep the lifts running. Hope that helps! Thanks!



Sincerely,

Andrea Gievers

---

**From:** Beecher, Gary H CIV USARMY CESAW (USA) <Gary.H.Beecher@usace.army.mil>  
**Sent:** Monday, January 30, 2023 10:00 AM  
**To:** Gievers, Andrea <andrea.l.gievers@rebuild.nc.gov>  
**Cc:** Turlington, Chad <chad.turlington@ncdenr.gov>  
**Subject:** RE: [External] RE: NCORR Town of Maxton Sewer Lift Station Generators Project

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Andrea,

Is the new fence at station 7 the only new thing being added to the pump stations?

Gary



Gary Beecher  
USACE Wilmington Field Office  
Regulatory Project Manager  
Office (910) 251-4694  
Cell (910) 473-7045  
[gary.h.beecher@usace.army.mil](mailto:gary.h.beecher@usace.army.mil)

---

**From:** Gievers, Andrea <[andrea.l.gievers@rebuild.nc.gov](mailto:andrea.l.gievers@rebuild.nc.gov)>  
**Sent:** Monday, January 30, 2023 9:46 AM  
**To:** Beecher, Gary H CIV USARMY CESAW (USA) <[Gary.H.Beecher@usace.army.mil](mailto:Gary.H.Beecher@usace.army.mil)>  
**Cc:** Turlington, Chad <[chad.turlington@ncdenr.gov](mailto:chad.turlington@ncdenr.gov)>  
**Subject:** [Non-DoD Source] RE: [External] RE: NCORR Town of Maxton Sewer Lift Station Generators Project

Hi Gary and Chad:

That would be wonderful. I just received the new final design plans, attached. It looks like SLS No. 7 is only site where the existing fence will be extended just to accommodate the generator placement on the western side. There might be a few congressman calling to push this one along, which is happening more frequently on my projects, FYI. I appreciate any assistance, and am always available for any questions or additional information. Please feel free to call me. Thank you so much for your assistance!

Sincerely,

Andrea

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

---

**From:** Beecher, Gary H CIV USARMY CESAW (USA) <[Gary.H.Beecher@usace.army.mil](mailto:Gary.H.Beecher@usace.army.mil)>  
**Sent:** Monday, January 30, 2023 9:37 AM  
**To:** Gievers, Andrea <[andrea.l.gievers@rebuild.nc.gov](mailto:andrea.l.gievers@rebuild.nc.gov)>  
**Cc:** Turlington, Chad <[chad.turlington@ncdenr.gov](mailto:chad.turlington@ncdenr.gov)>  
**Subject:** [External] RE: NCORR Town of Maxton Sewer Lift Station Generators Project

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Andrea,

I would probably have a wetland consultant take a look at No. 7, 10 & 11  
These (3) look like they could possibly have wetlands or other jurisdictional waters on them (stream or ditch)

I could probably look at them next time I'm up in that area, I t just might be a couple more weeks.  
I'll can call you today if you like

Respectfully,  
Gary



Gary Beecher  
USACE Wilmington Field Office  
Regulatory Project Manager  
Office (910) 251-4694  
Cell (910) 473-7045  
[gary.h.beecher@usace.army.mil](mailto:gary.h.beecher@usace.army.mil)

---

**From:** Gievers, Andrea <[andrea.l.gievers@rebuild.nc.gov](mailto:andrea.l.gievers@rebuild.nc.gov)>  
**Sent:** Friday, January 27, 2023 5:06 PM  
**To:** Beecher, Gary H CIV USARMY CESAW (USA) <[Gary.H.Beecher@usace.army.mil](mailto:Gary.H.Beecher@usace.army.mil)>  
**Subject:** [Non-DoD Source] NCORR Town of Maxton Sewer Lift Station Generators Project

Hi Gary:

NCORR is proposing to fund the placement of new generators with automatic transfer switching capability on concrete pads at four, existing, fenced-in **Town of Maxton Sewer Lift Stations**. During Hurricane Matthew and its aftermath, the Town's primary power source was lost, causing the Town's sewer lift stations to go offline, creating a threat to public safety resulting from sewage backups into residences served by the offline sewer lift stations.

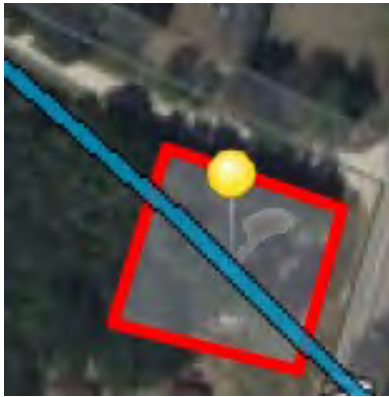
There are two proposed project sites that show wetlands on the NWI Map, but none identified onsite. A third has NWI-mapped wetlands on the adjacent property. I have attached NWI Maps and Site Photos for the three sites. What are my best options to get these sites cleared by USACE expeditiously? Please feel free to contact me if you have any questions or need additional project information. Thank you so much for your time and assistance!

- 1) **Maxton Sewer Lift Station No. 7, 904 US 74 BUS, Maxton, NC 28364.** According to the NWI Map, there is freshwater forested/ scrub wetland adjacent to the site, but the proposed project site is dry and partially consists of gravel under grass. In addition, most of the forest has been cleared. There is a manmade swale with grass to the east of the fenced area along the residential property boundary by the utility pole.





- 2) **Maxton Sewer Lift Station No. 10, 627 NC Highway 71N, Maxton, NC 28364.** According to the NWI Map, there is riverine that crosses the proposed project site. During the site visit, the riverine is no longer there, see photos. A stormwater catch basin is present onsite and a drainage swale runs along Gospel Road.



- 3) **Maxton Sewer Lift Station No. 11, 2074 NC Highway 71N, Maxton, NC 28364.** According to the NWI Map, there is freshwater forested/ scrub wetland on the proposed project site and within the fenced area. During the site visit, no wetland was identified in or adjacent to the fenced area. The site is approximately 5 feet above surrounding elevation.



Sincerely,

Andrea

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

---

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No. 5 Lift Station  
Hooper Street  
Maxton, NC  
(34.736139, -79.342582)





No. 7 Lift Station  
904 US 74 BUS  
Maxton, NC  
(34.739502, -79.359098)

Wetlands

<---This feature?

193.319626





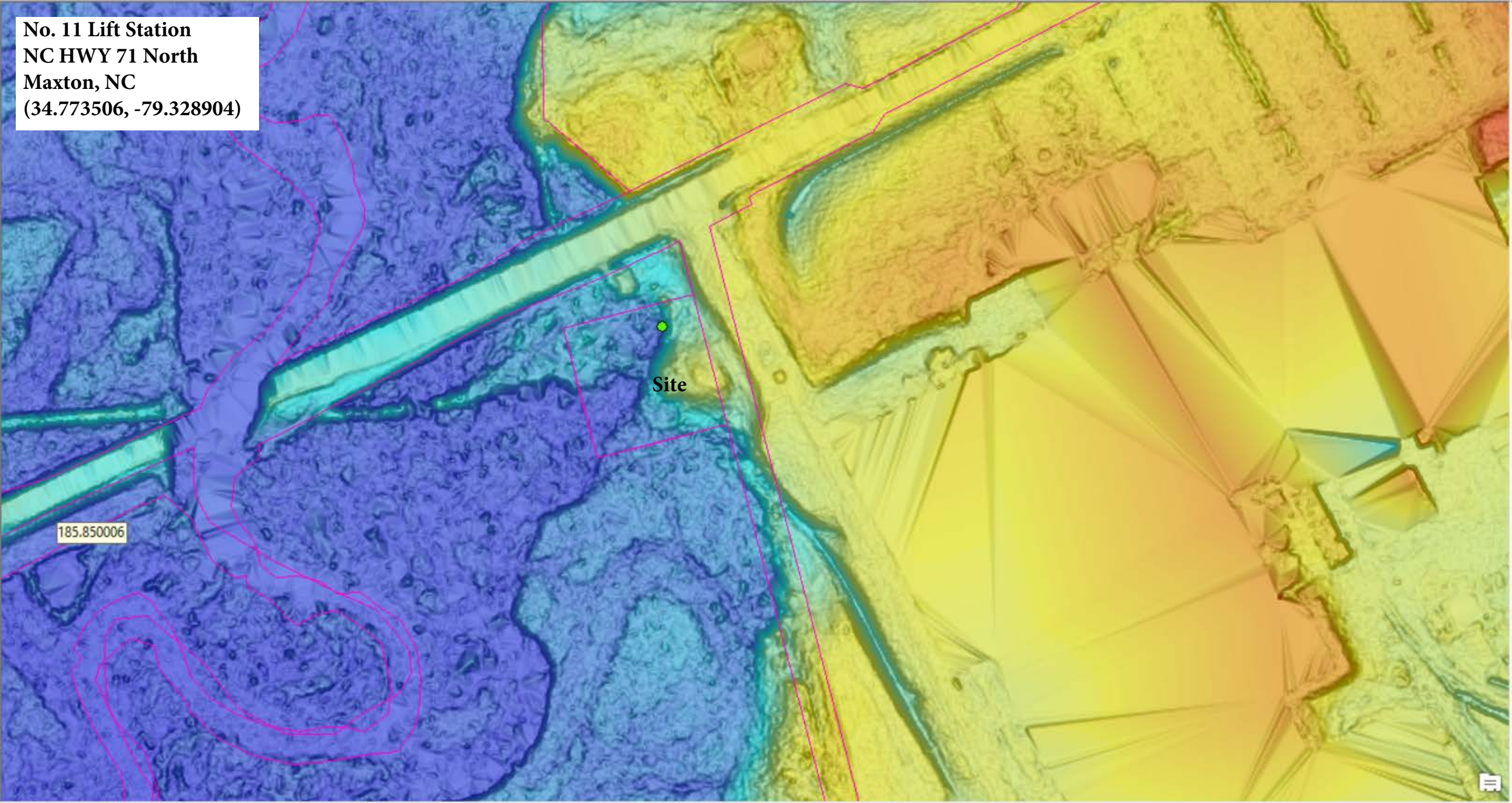
**No. 10 Lift Station**  
**NC HWY 71 North**  
**Maxton, NC**  
**(34.757983, -79.340525)**

Site





No. 11 Lift Station  
NC HWY 71 North  
Maxton, NC  
(34.773506, -79.328904)



Site

185.850006

## **ATTACHMENT 14:**

### **Wild and Scenic Rivers**

NEPAssist Maps of DOI NPS Nationwide Rivers  
Inventory and National Wild and Scenic Rivers System  
Showing Distance from Closest WSR to Proposed Project  
Sites and NPS and NCORR Correspondence



**Maxton Sewer Lift Station No. 5**  
**303 N. Hooper Street, Maxton, NC 28364**  
**and Maxton Sewer Lift Station No. 7**  
**904 US 74 BUS, Maxton, NC 28364**

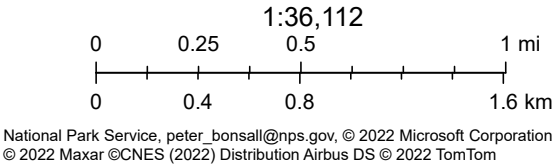


# Maxton Sewer Lift Station Nos. 5 and 7 - WSR One-mile Buffer



January 10, 2023

-  Maxton Sewer Lift Station No. 5, 303 N. Hooper Street, Maxton, NC 28364
-  Maxton Sewer Lift Station No. 7, 904 US 74 BUS, Maxton, NC 28364



**Maxton Sewer Lift Station No. 10**  
**627 NC Highway 71N, Maxton, NC 28364**



# Maxton Sewer Lift Station No. 10 - WSR 0.66-mile Buffer



January 10, 2023



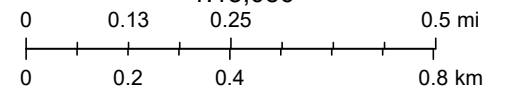
Maxton Sewer Lift Station No. 10, 627 NC Highway 71N, Maxton, NC 28364



Project Buffer

HYDRO\_NationwideRiversInventory\_In

1:18,056



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**Maxton Sewer Lift Station No. 11**  
**2074 NC Highway 71N, Maxton, NC 28364**



# Maxton Sewer Lift Station No. 11 - WSR 450-foot Buffer

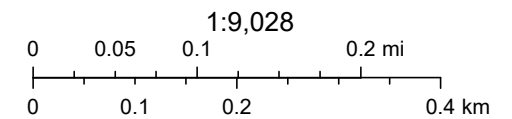


January 10, 2023

— HYDRO\_NationwideRiversInventory\_In

Project Buffer

Maxton Sewer Lift Station No. 11, 2074 NC Highway 71N, Maxton, NC 28364

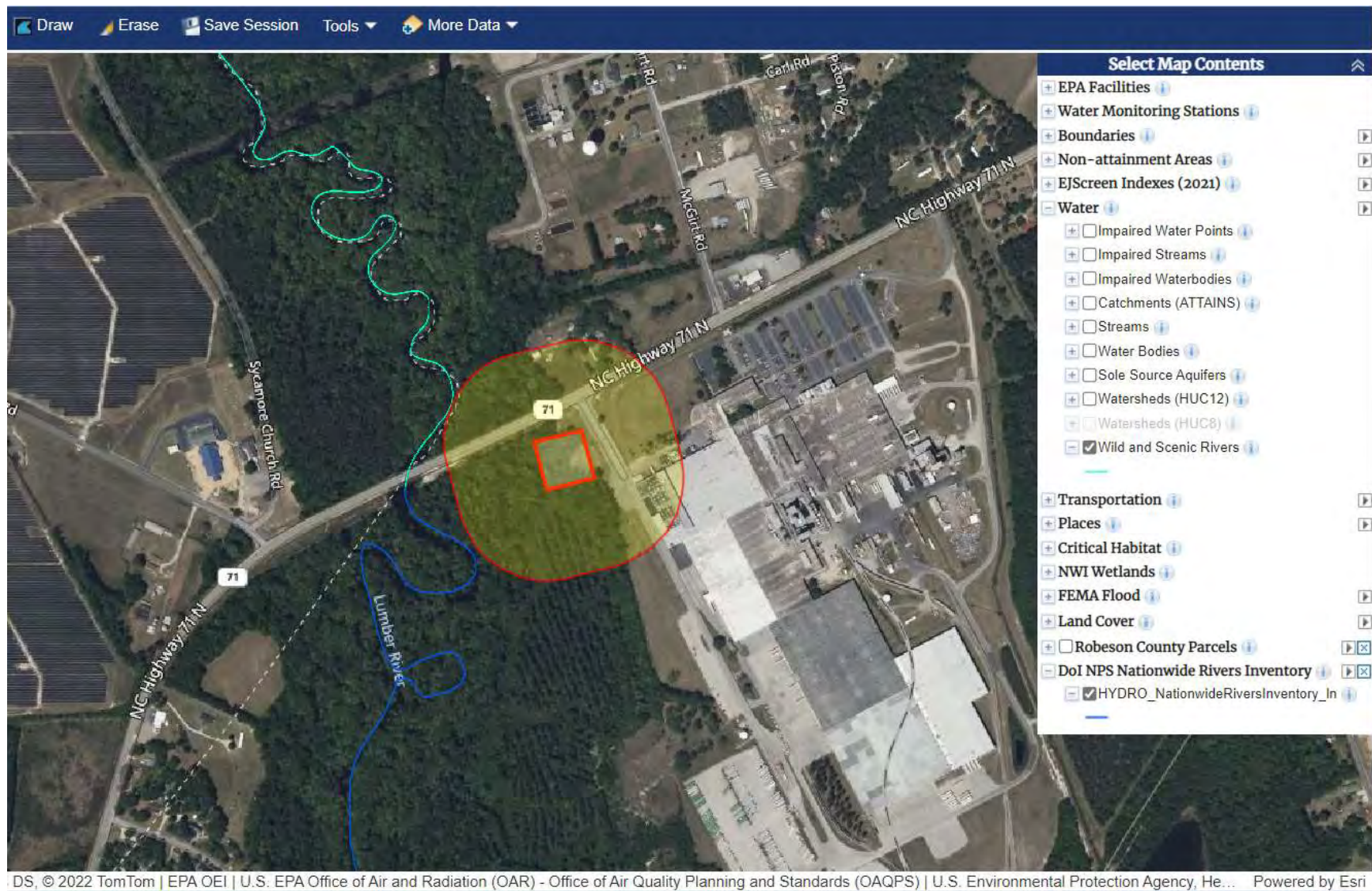


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# Maxton Sewer Lift Station No. 11, 2074 NC Highway 71N, Maxton, NC 28364

## Wild and Scenic Rivers with 450-foot Buffer

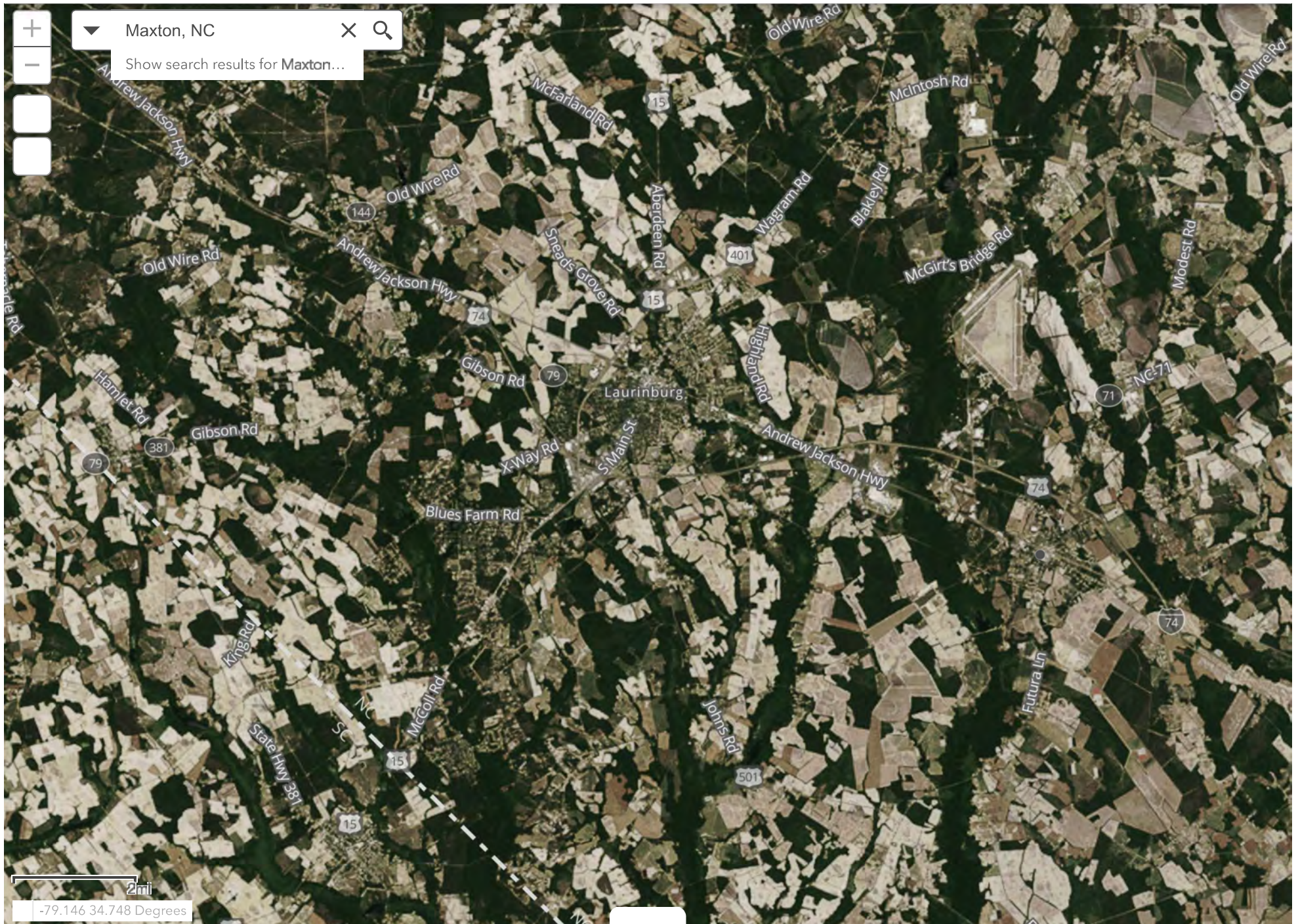






# Eligible and Suitable Rivers

Rivers within National Park Service boundaries eligible or suitable to be designated Wild and Scenic





## Gievers, Andrea

---

**From:** Gievers, Andrea  
**Sent:** Thursday, February 2, 2023 8:41 AM  
**To:** Duncan, Jeffrey R  
**Subject:** NCORR Maxton Sewer Lift Station Generators Project  
**Attachments:** NCORR Maxton SLS Generators NPS Project Info.pdf

Hi Jeff:

Please find attached the *Town of Maxton Sewer Lift Station Generators Project* information attached for your review. The proposed project location is at four existing sewer lift stations (SLS) in Maxton, Robeson County, NC 28364. **SLS No. 11**, 2074 NC Highway 71N, Maxton, NC 28364 is located approximately 450 feet of the Lumber River which has segments near the site listed on the DOI NPS Nationwide Rivers Inventory and National Wild and Scenic Rivers System. I have included the detailed project description, **SLS No. 11** location maps, design plans, and Wild and Scenic Rivers Maps for all four sites. **SLS No. 5**, 303 N. Hooper Street, Maxton, NC 28364 and **SLS No. 7**, 904 US 74 BUS, Maxton, NC 28364 are located *over one-mile* from Wild and Scenic River (WSR) or Nationwide River Inventory (NRI) rivers. **SLS No. 10**, 627 NC Highway 71N, Maxton, NC 28364 is located approximately *0.66-mile* from the Lumber River.

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 Infrastructure Recovery Program project. During the Hurricane Matthew storm event, the Town of Maxton lost primary power for an extended time, which adversely impacted the Town's ability to maintain its sewage treatment facility and peripheral sewer lift stations. The loss of sewage treatment capacity caused an immediately threat to the health and safety of the Town's residents. This proposed project will utilize CDBG-DR funding to purchase and install auxiliary power generators at four (4) sewer lift stations which move raw sewage from neighborhoods in the Town to the central processing facility, and will mitigate against potential backups and lack of capacity during future storm events. The Lumber River will benefit from the proposed project with the prevention of inundation of sewage released into the community during future storm events.

The proposed project will involve the purchase and installation of four (4) generator packages, to include integrated diesel fuel tanks, automatic transfer switching, wiring connections, electrical panels, mounting pads, and the generators. The USACE has been contacted for a site visit and determination for USFWS NWI-mapped and LIDAR map wetlands located adjacent to the Subject Property at **SLS No. 7**, and onsite at **SLS Nos. 10** and **11**. According to WithersRavenel environmental staff who completed a preliminary review of the project sites, they determined that there are no wetlands present within the proposed generator locations because these areas have been historically cleared, filled and graded. According to WithersRavenel, the generator at **SLS No. 11** will be placed within existing fill within the FEMA-mapped 100-year Floodplain. The proposed project will occur at four existing sewer lift stations that are regularly maintained and mowed. There is no vegetation (other than grass) or tree removal anticipated as most of the work will be conducted within the fenced-in areas on the Subject Properties. **SLS No. 7** is the only site where the existing fence will be extended to accommodate the generator placement on the western side of the current fence line. The proposed project activities will be completed in accordance with all applicable federal, State, and local laws, regulations, and permit requirements and conditions. 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](mailto:Andrea.L.Gievers@Rebuild.NC.Gov)  
(845) 682-1700

## **ATTACHMENT 1:**

### **Proposed Project's Detailed Project Description, SLS No. 11 Location Maps, Robeson County Parcel Information, and Design Plans**

Maxton Sewer Lift Station **No. 5**, 303 N. Hooper Street, Maxton, NC 28364,  
Parcel ID 330601026

Maxton Sewer Lift Station **No. 7**, 904 US 74 BUS, Maxton, NC 28364,  
Parcel ID 33030102001

Maxton Sewer Lift Station **No. 10**, 627 NC Highway 71N, Maxton, NC 28364,  
Parcel ID 11030100143

Maxton Sewer Lift Station **No. 11**, 2074 NC Highway 71N, Maxton, NC 28364,  
Parcel ID 110202001

## **Town of Maxton Sewer Lift Station Generators - Detailed Project Description**

Town of Maxton Sewer Lift Station Generators Project  
Four Sewer Lift Stations  
Maxton, NC 28364

Proposed Project Location: Maxton SLS **No. 5** located at 303 N. Hooper Street, Maxton, NC 28364 is Town-owned, identified as Parcel ID 330601026, and consists of 0.41 acre. Maxton SLS **No. 7** located at 904 US 74 BUS, Maxton, NC 28364 is Town-owned, identified as Parcel ID 33030102001, and consists of 0.33 acre. Maxton SLS **No. 10** located at 627 NC Highway 71N, Maxton, NC 28364 is Town-owned, identified as Parcel ID 11030100143, and consists of 0.47 acre. Maxton SLS **No. 11** located at 2074 NC Highway 71N, Maxton, NC 28364 is County-owned, identified as Parcel ID 110202001, and consists of approximately 1.43 acres.

The State of North Carolina was adversely impacted by the landfall of Hurricanes Matthew (October 8, 2016) and Florence (September 14, 2018). During the Hurricane Matthew storm event, the Town of Maxton lost primary power for an extended time, which adversely impacted the Town's ability to maintain its sewage treatment facility and peripheral sewer lift stations. The loss of sewage treatment capacity caused an immediately threat to the health and safety of the Town's residents. This proposed project will utilize CDBG-DR funding to install auxiliary power generators at four (4) sewer lift stations which move raw sewage from neighborhoods in the Town to the central processing facility, and will mitigate against potential backups and lack of capacity during future storm events. Therefore, funding for the proposed project will be provided in part by the HUD CDBG-DR North Carolina Infrastructure Recovery Program for Hurricane Matthew storm recovery activities in North Carolina.

Proposed Project Description: The Town of Maxton seeks to purchase and install appropriately-sized auxiliary power generators at the sites outlined above, each with automatic transfer switching capability. The proposed project site plans are included in **Attachment 2**. During Hurricane Matthew and its aftermath, the Town's primary power source was lost, causing the Town's sewer lift stations to go offline, creating a threat to public safety resulting from sewage backups into residences served by the offline sewer lift stations. Robeson County, on behalf of the Town of Maxton, has procured engineering services to provide design drawings for the purchase of auxiliary power generators of varying sizes to alleviate the effects of future primary power loss, per the following:

**SLS No. 5:** One (1) 25kW, 240/120v three-phase, diesel-powered auxiliary power generator will be situated in the northwest quadrant of the property. Generator equipment will include a belly-mounted, integrated 25-gallon fuel tank, battery and charger, and control panel equipment with automatic circuit breakers. The generator will also include automatic transfer switching. In the event of primary power failure, the automatic transfer switch (ATS) will sense loss of primary power and automatically start the generator. Specifications for the ATS include a 400A, 120/240V, 60Hz voltage rating. The switch will be installed adjacent to the new control panel and circuit breaker equipment, 6' above-grade and connected to the generator equipment set via underground conduit. The generator package will be set upon a newly constructed, reinforced concrete pad, 8' x 4' x 8," with 4" of the pad below- and 4" above-grade. New electrical panels and controls will be installed on an erected power panel, attached to metal support poles, anchored 4' below-grade. Electrical connections from the generator to/from the control panel and ATS, and

## **Town of Maxton Sewer Lift Station Generators - Detailed Project Description**

subsequent connections to the lift station will be via underground conduit, installed by directional drilling.

**SLS No. 7:** One (1) 40kW, 240/120v three-phase, diesel-powered auxiliary power generator will be situated in the northwest quadrant of the property. Generator equipment will include a belly-mounted, integrated 30-gallon fuel tank, battery and charger, and control panel equipment with automatic circuit breakers. The generator will also include automatic transfer switching. In the event of primary power failure, the ATS will sense loss of primary power and automatically start the generator. Specifications for the ATS include a 400A, 120/240V, 60Hz voltage rating. The switch will be installed adjacent to the new control panel and circuit breaker equipment, 6' above-grade and connected to the generator equipment set via underground conduit. The generator package will be set upon a newly constructed, reinforced concrete pad, 8' x 4' x 8," with 4" of the pad below- and 4" above-grade. New electrical panels and controls will be installed on an erected power panel, attached to metal support poles, anchored 4' below-grade. Electrical connections from the generator to/from the control panel and ATS, and subsequent connections to the lift station will be via underground conduit, installed by directional drilling. ***SLS No. 7 is the only site where the existing fence will be extended to accommodate the generator placement on the western side of the current fence line.***

**SLS No. 10:** One (1) 60kW, 240/120v three-phase, diesel-powered auxiliary power generator will be situated in the southwest quadrant of the property. Generator equipment will include a belly-mounted, integrated 35-gallon fuel tank, battery and charger, and control panel equipment with automatic circuit breakers. The generator will also include automatic transfer switching. In the event of primary power failure, the ATS will sense loss of primary power and automatically start the generator. Specifications for the ATS include a 400A, 120/240V, 60Hz voltage rating. The switch will be installed adjacent to the new control panel and circuit breaker equipment, 6' above-grade and connected to the generator equipment set via underground conduit. The generator package will be set upon a newly constructed, reinforced concrete pad, 8' x 4' x 8," with 4" of the pad below- and 4" above-grade. New electrical panels and controls will be installed on an erected power panel, attached to metal support poles, anchored 4' below-grade. Electrical connections from the generator to/from the control panel and ATS, and subsequent connections to the lift station will be via underground conduit, installed by directional drilling.

**SLS No. 11:** One (1) 40kW, 240/120v three-phase, diesel-powered auxiliary power generator will be situated on the southern edge of the subject property. Generator equipment will include an integrated 30-gallon fuel tank, battery and charger, and control panel equipment with automatic circuit breakers. The generator will also include automatic transfer switching. In the event of primary power failure, the ATS will sense loss of primary power and automatically start the generator. Specifications for the ATS include a 400A, 120/240V, 60Hz voltage rating. The switch will be installed adjacent to the new control panel and circuit breaker equipment, 6' above-grade and connected to the generator equipment set via underground conduit. The generator package and electrical panels and circuitry will be mounted on a steel frame 2' feet above base flood elevation (BFE). The steel frame will be mounted on steel posts, anchored 4' below current grade. Electrical connections from the control panel and ATS equipment will be made at the terminating panels within the lift station via underground conduit, installed by directional drilling.



**Maxton Sewer Lift Station No. 11**  
**2074 NC Highway 71N, Maxton, NC 28364**



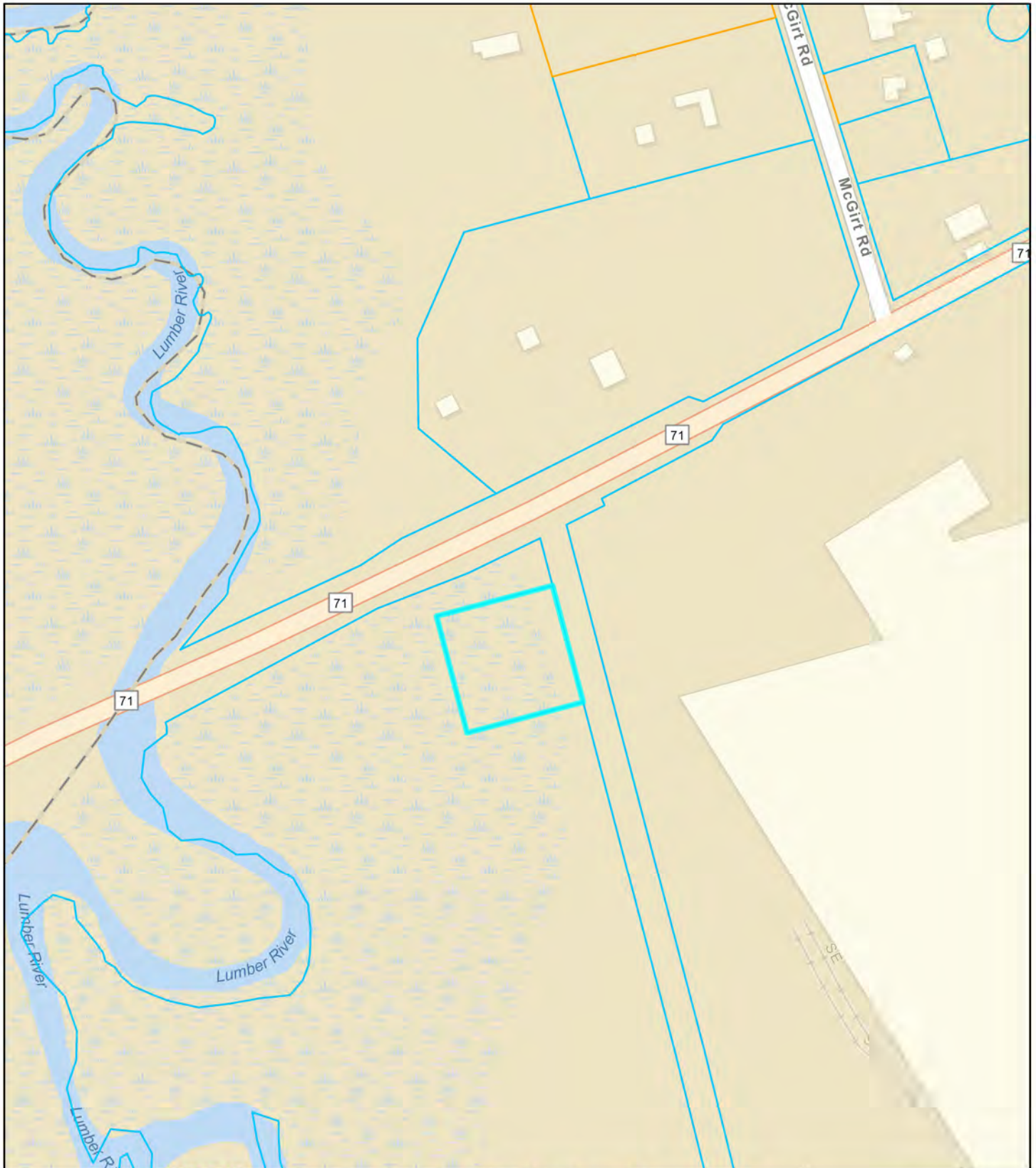
**Maxton Sewer Lift Station Generators**  
**No. 11, 2074 NC Highway 71N**  
**Maxton, Robeson County, NC**

USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National



0 40 80 160  
Feet





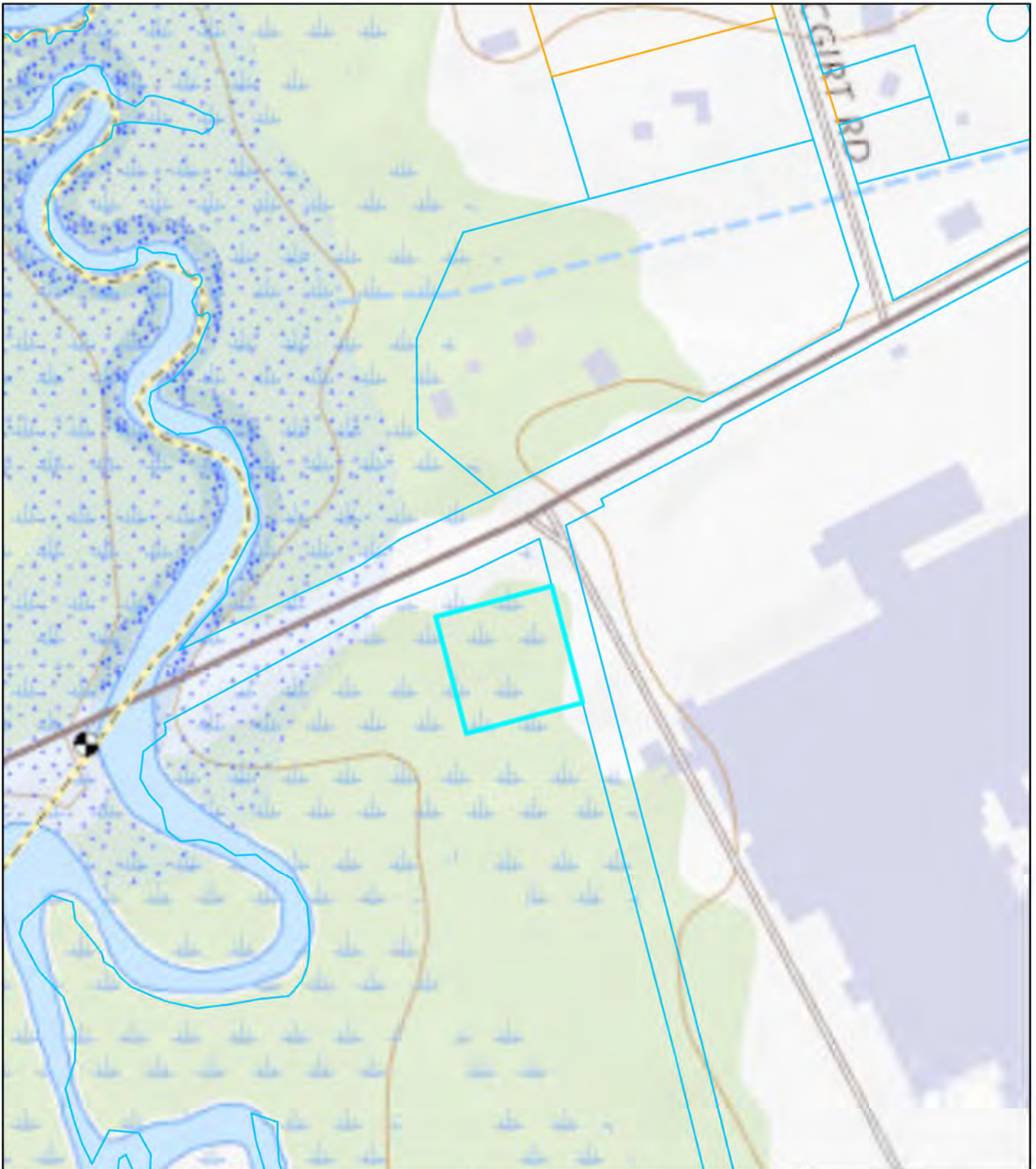
**Maxton Sewer Lift Station Generators**  
**No. 11, 2074 NC Highway 71N**  
**Maxton, Robeson County, NC**

USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National



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Feet





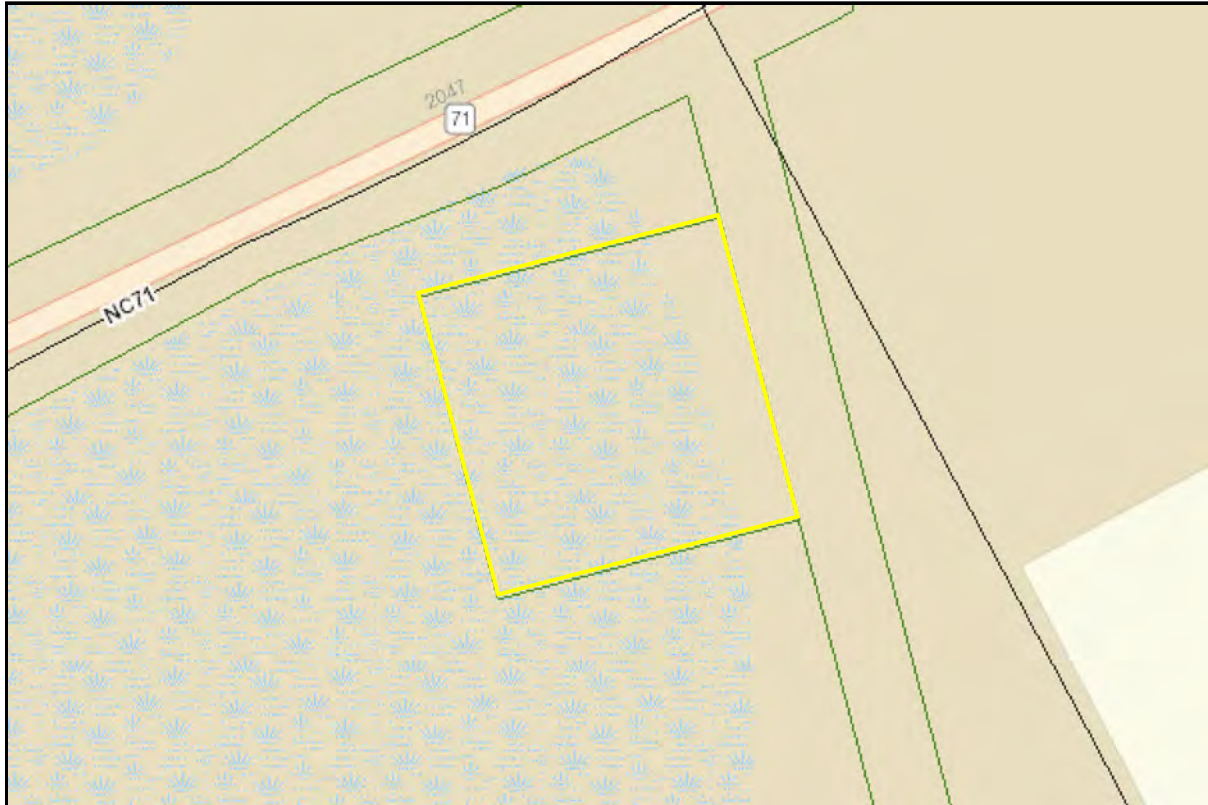
**Maxton Sewer Lift Station Generators**  
**No. 11, 2074 NC Highway 71N**  
**Maxton, Robeson County, NC**

USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National



0 40 80 160  
Feet

## County of Robeson, NC



<b>MAPNO</b>	110202001
<b>PIN_NUMBER</b>	930712159700
<b>PARCELTYPE</b>	Base Parcel
<b>CONFLICTNOTATION</b>	
<b>DEEDEDACRES</b>	1.42999995
<b>OWNERTYPE</b>	null
<b>STATUS</b>	null
<b>OLDMAPNO</b>	1102-02-001
<b>NUMMOD</b>	null
<b>LOT</b>	null
<b>NBHD_CODE</b>	11001
<b>TAX_YEAR</b>	2021
<b>PAR_CODE</b>	
<b>MAP</b>	9307
<b>SUBMAP</b>	
<b>BLOCK</b>	12
<b>PARCEL</b>	1597
<b>SUBPARCEL</b>	00
<b>PHYLOCAT</b>	59913
<b>CITYCODE</b>	
<b>ROUTENUM</b>	0
<b>OWNERID</b>	46904058
<b>CUROWNID</b>	46904058



<b>OWNAM1</b>	COUNTY OF ROBESON
<b>OWNAM2</b>	
<b>OWNAM3</b>	
<b>OWADR1</b>	701 N ELM ST
<b>OWADR2</b>	
<b>OWADR3</b>	
<b>OWADR4</b>	
<b>OWCITY</b>	LUMBERTON
<b>OWSTATE</b>	NC
<b>OWZIP</b>	283580000
<b>STNUM</b>	2074
<b>STSUFFIX</b>	
<b>STDIR</b>	
<b>STNAME</b>	71
<b>STTYPE</b>	HWY
<b>STDIRSUF</b>	
<b>UNITNO</b>	
<b>DEEDACRE</b>	1.43
<b>MAPACRE</b>	1.43
<b>DISTCODE</b>	9
<b>TOWNCODE</b>	11
<b>PARDESC3</b>	
<b>PARDESC1</b>	E-12
<b>NBHCLASS</b>	
<b>NBHCODE</b>	11001
<b>EXEMCODE</b>	E12
<b>DEEDBOOK</b>	null
<b>DEEDPAGE</b>	null
<b>DEEDYEAR</b>	null
<b>PLATBOOK</b>	null
<b>PLATPAGE</b>	null
<b>DATESOLD</b>	null
<b>LEGDESC1</b>	AC S/S HWY 71
<b>LEGDESC2</b>	
<b>LEGDESC3</b>	WELL SITE #2
<b>PARDESC4</b>	
<b>GROUPPAR</b>	930712159700
<b>REQREVIEW</b>	
<b>PHYSTRADR</b>	2074 71 HWY
<b>SCHCODE</b>	0
<b>AREACODE</b>	1
<b>LNDASVCUR</b>	12200
<b>IMPASVCUR</b>	1300
<b>QUALCODE</b>	null

**RECTYPE**  
**SALEAMT**  
**SALEINST**  
**DEEDSTMP**

null  
null  
null  
null



Land Value Detail (Effective Date January 1, 2010, date of County's most recent General Reappraisal)		
Land Market Value (LMV) \$	Land Present-Use Value (PUV) \$ **	Land Total Assessed Value \$
<b>12,200</b>	<b>12,200</b>	<b>12,200</b>

**Maxton Sewer Lift Station Generators  
Project Design Plans**



CONSTRUCTION PLANS

# ROBESON COUNTY

# MAXTON GENERATORS

## CRI-155-0014

MAXTON, NC 28364 | ROBESON

JANUARY 2023

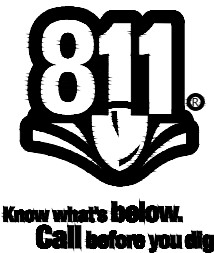


### INDEX OF SHEETS

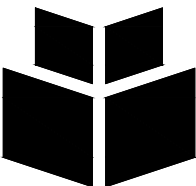
NUMBER	TITLE
--	COVER
G-1.00	GENERAL NOTES AND LEGEND
E-1.00	ELECTRICAL NOTES, DETAILS
E-1.01	ELECTRICAL LS5
E-1.02	ELECTRICAL LS7
E-1.03	ELECTRICAL LS10
E-1.04	ELECTRICAL LS11
C-1.00	EROSION CONTROL DETAILS
C-1.01	STANDARD DETAILS

CONTACT LIST:

WithersRavenel  
219 Station Road, Suite 101  
Wilmington, NC 28403  
910-256-9277



PREPARED BY:



**WithersRavenel**  
219 Station Road | Ste 101 | Wilmington, NC 28405  
License #: F-1479 | t: 910.256.9277 | www.withersravenel.com

OWNER:

**ROBESON COUNTY**

550 N CHESTNUT ST  
LUMBERTON, NC 29358  
PHONE #: (910) 671-3022  
ATTENTION: KELLIE BLUE

CONSTRUCTION PLANS  
ROBESON COUNTY  
MAXTON GENERATORS  
CRI-155-0014  
WR PROJECT NO.06211005.00  
MUNI PRO NO:-----  
12/05/2022



\\veritemill01.com\work\robeson\WRShunt\generator\project\CAD\drawings\set\construction\COVER.dwg - Wednesday, January 25, 2023 3:09:43 PM - ACHIEVE

GENERAL NOTES:

1. THE WORK SPECIFIED ON THIS SHEET IS CONSIDERED INCIDENTAL AND NECESSARY FOR THE COMPLETION OF THE WORK. THERE WILL BE NO ADDITIONAL OR SEPARATE PAYMENT MADE FOR THE WORK SPECIFIED ON THIS SHEET UNLESS SPECIFICALLY CALLED OUT IN THE BID SCHEDULE AND MEASUREMENT AND PAYMENT SECTION OF THE SPECIFICATIONS.
2. THE CONTRACTOR SHALL HAVE A COMPLETE SET OF CONTRACT DOCUMENTS AS WELL AS ALL PERMIT APPROVALS AND EASEMENTS ON THE JOB SITE AT ALL TIMES.
3. CONSTRUCTION AND MATERIAL SPECIFICATIONS SHALL CONFORM TO THE STATE OF NORTH CAROLINA, TOWN OF MAXTON STANDARD SPECIFICATIONS AND CONSTRUCTION DETAILS, AND THE CONTRACT DOCUMENTS.
4. THE CONTRACTOR SHALL FOLLOW OSHA GUIDELINES REGARDING TRENCHING AND EXCAVATION SAFETY AND SHALL INCORPORATE APPROPRIATE SAFETY MEASURES AS NECESSARY TO MEET COMPLIANCE.
5. ALL SHOP DRAWINGS MUST BE REVIEWED AND APPROVED BY ENGINEER BEFORE EQUIPMENT IS ORDERED.
6. CONTRACTOR IS RESPONSIBLE FOR THE LOCATION OF ALL UNDERGROUND UTILITIES. KNOWN EXISTING UTILITIES HAVE BEEN LOCATED FROM THE INFORMATION AVAILABLE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACCURATELY LOCATE BOTH HORIZONTALLY AND VERTICALLY ALL EXISTING UTILITIES PRIOR TO START OF CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR CONTACTING THE NC ONE CALL CENTER AT 800.632.4949. ALL COSTS ASSOCIATED WITH ANY DAMAGE TO KNOWN OR UNKNOWN EXISTING UTILITIES RESULTING FROM THE CONTRACTOR'S FAILURE TO ADEQUATELY PROTECT THE EXISTING UTILITIES DURING CONSTRUCTION SHALL BE BORNE SOLELY BY THE CONTRACTOR.
7. CONTRACTOR SHALL MAKE EVERY EFFORT TO SAVE PROPERTY IRONS, MONUMENTS, OTHER PERMANENT POINTS AND LINES OF REFERENCE AND CONSTRUCTION STAKES. A REGISTERED LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE SHALL REPLACE PROPERTY IRONS, MONUMENTS, AND OTHER PERMANENT POINTS OF REFERENCE DESTROYED BY THE CONTRACTOR.
8. CONTRACTOR SHALL CLEAR AND GRUB ALL UTILITY EASEMENTS, AS DIRECTED BY THE OWNER, TO INSTALL NEW UTILITIES. ON ROADWAY RIGHT-OF-WAYS, THE CONTRACTOR SHALL ONLY REMOVE THE TREES MARKED ON THE PLANS AND SHALL MAKE EVERY EFFORT DURING CONSTRUCTION TO PROTECT THE TREES THAT WILL NOT BE REMOVED.
9. THE CONTRACTOR SHALL FURNISH, INSTALL, AND MAINTAIN ALL NECESSARY EROSION CONTROL MEASURES WHETHER OR NOT SHOWN ON THE PLANS TO PROTECT ADJACENT CREEKS, RIVERS, ROADWAYS, ETC. FROM SILTATION AND EROSION.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATION OF EXISTING UTILITIES IF REQUIRED DURING INSTALLATION OF NEW WORK. THERE WILL BE NO ADDITIONAL OR SEPARATE PAY ITEM FOR THIS WORK. UNLESS SPECIFICALLY CALLED OUT IN THE BID FORM. ANY RELOCATION OF EXISTING UTILITIES MUST BE COORDINATED WITH THE AFFECTED UTILITY COMPANY.
11. THE CONTRACTOR SHALL SUPPORT ALL UTILITY POLES AS NECESSARY. THE CONTRACTOR SHALL COORDINATE UTILITY POLE SUPPORT WITH THE APPROPRIATE UTILITY COMPANIES.
12. CONTRACTOR SHALL RESTORE/REPLACE ALL SIGNS, MAILBOXES, ETC. ENCOUNTERED DURING CONSTRUCTION TO ORIGINAL CONDITION.
13. THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO THE EXISTING GRADE UNLESS OTHERWISE NOTED ON THE DRAWINGS.
14. ALL DRIVEWAYS SHALL BE REPAIRED AS SOON AS CONSTRUCTION HAS PASSED. A MINIMUM OF 6" OF CABC SHALL BE USED FOR TEMPORARY REPAIR ON ASPHALT AND CONCRETE DRIVEWAYS UNTIL PERMANENT REPAIR CAN BE COMPLETED AND A MINIMUM OF 6" OF CABC SHALL BE USED AS PERMANENT REPAIR ON GRAVEL DRIVEWAYS.
15. CONTRACTOR SHALL REPLACE WITH NEW ALL DRIVEWAY PIPES AND OTHER DRAINAGE PIPES/CULVERTS THAT ARE DISTURBED WHILE INSTALLING THE UTILITIES. ALL PIPE/CULVERTS SHALL MEET THE REQUIREMENTS OF NCDOT.
16. ALL ROADWAY DITCHES DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITION OR BETTER AND CONFORM TO NCDOT REQUIREMENTS. ALL DITCHES SHALL BE LINED WITH EROSION CONTROL MATTING UNLESS OTHERWISE NOTED.
17. ALL EXCAVATED MATERIAL SHALL BE PLACED WITHIN THE LIMITS OF DISTURBANCE DURING UTILITY INSTALLATION. THE CONTRACTOR SHALL PROVIDE THE NECESSARY SEDIMENT AND EROSION CONTROL MEASURES TO CONTROL RUN-OFF. ALL EXCESS EXCAVATED MATERIAL SHALL BE REMOVED FROM THE CONSTRUCTION SITE AND DISPOSED OF LEGALLY.
18. HORIZONTAL DATUM IS NAD 83.
19. VERTICAL DATUM IS NAVD 88.
20. THE CONTRACTOR SHALL OBTAIN ALL PERMITS NECESSARY FOR CONSTRUCTION.

LEGEND		
(UNLESS OTHERWISE DENOTED)		
DESCRIPTION	EXISTING	PROPOSED
1' CONTOUR INTERVAL		
5' CONTOUR INTERVAL		
PROPERTY LINE		
ROADWAY CENTERLINE		
RIGHT OF WAY LIMITS		N/A
EASEMENT LINE		
CURB & GUTTER		
EDGE OF PAVEMENT		
SANITARY SEWER FACILITIES		
STORM SEWER FACILITIES		
WATERLINE		
FIRE HYDRANT ASSEMBLY		
FORCE MAIN		
ELECTRIC		
OVERHEAD ELECTRIC		
GAS MAIN		
TELEPHONE		
STRUCTURES		
FENCING STRUCTURE		
TELEVISION PEDESTAL		N/A
WATER MANHOLE		N/A
TELEPHONE MANHOLE		N/A
FLARED END SECTION		N/A
SANITARY SEWER MANHOLE		N/A
GAS VALVE		N/A
UTILITY MANHOLE		N/A
ELECTRICAL PEDESTAL		N/A
SIGN		N/A
FIBER OPTIC MARKER		N/A

DESCRIPTION	EXISTING	PROPOSED
WOODS LINE		N/A
WATERWAYS		N/A
TREE PROTECTION FENCE	N/A	
SILT FENCE	N/A	
SPOT ELEVATION		
GUY ANCHOR		N/A
POWER POLE		N/A
LIGHT POLE		N/A
PROPERTY IRON		N/A
CURB INLET		N/A
STORM DRAIN JUNCTION BOX		N/A
YARD INLET		N/A
WATER METER		N/A
CONCRETE MONUMENT		N/A
TELEPHONE PEDESTAL		N/A
MAIL BOX		N/A
WATER VALVE		

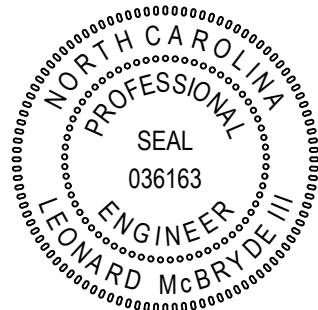
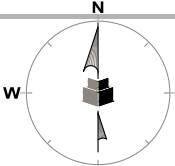
WR Job No. 06211005.00  
DRN: DAC DGN: DAC CKD: LM

DATE 01/25/2023

GENERAL NOTES

G-1.00

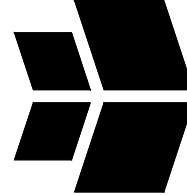
INITIAL PLAN DATE: 10/24/2022  
REVISIONS:



CONSTRUCTION PLANS  
ROBESON COUNTY  
MAXTON GENERATORS  
CRI-155-0014

MAXTON, NC 28364 | ROBESON

ROBESON COUNTY  
550 NORTH CHESTNUT STREET  
LUMBERTON, NC 29388

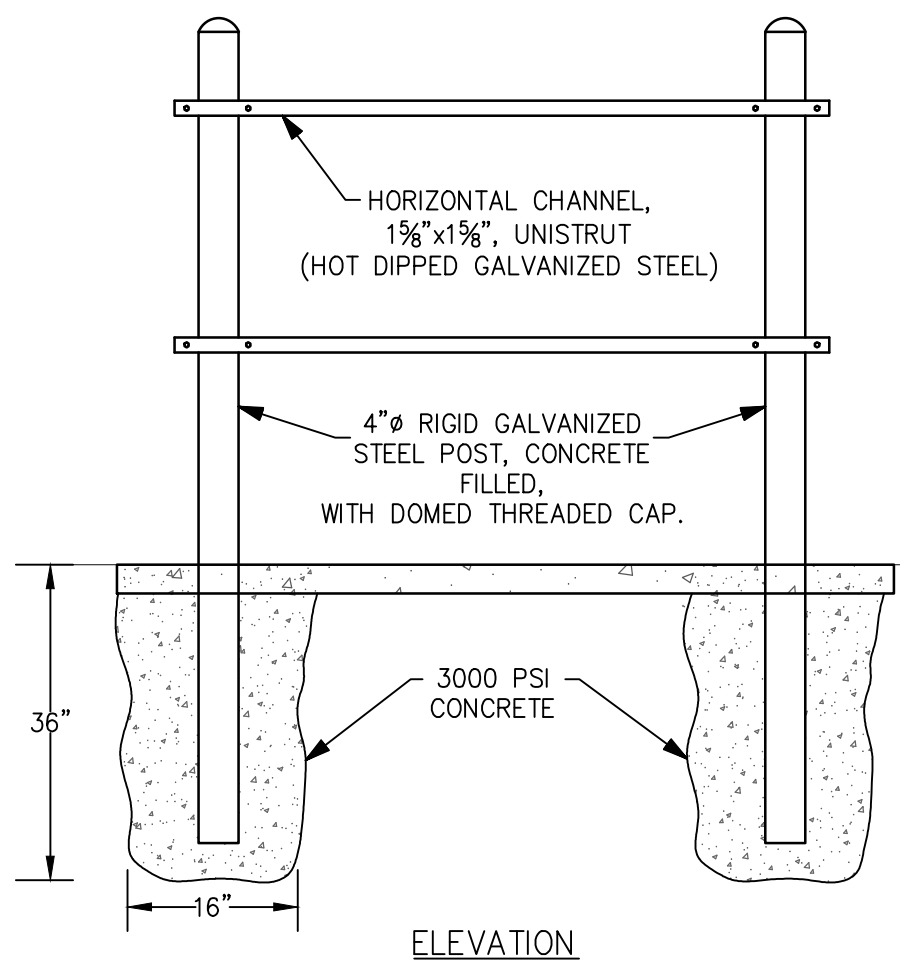


WithersRavenel  
115 McKean Drive | Cary, NC 27511  
License #: F-1479 | t: 919.469.3340 | www.withersravenel.com



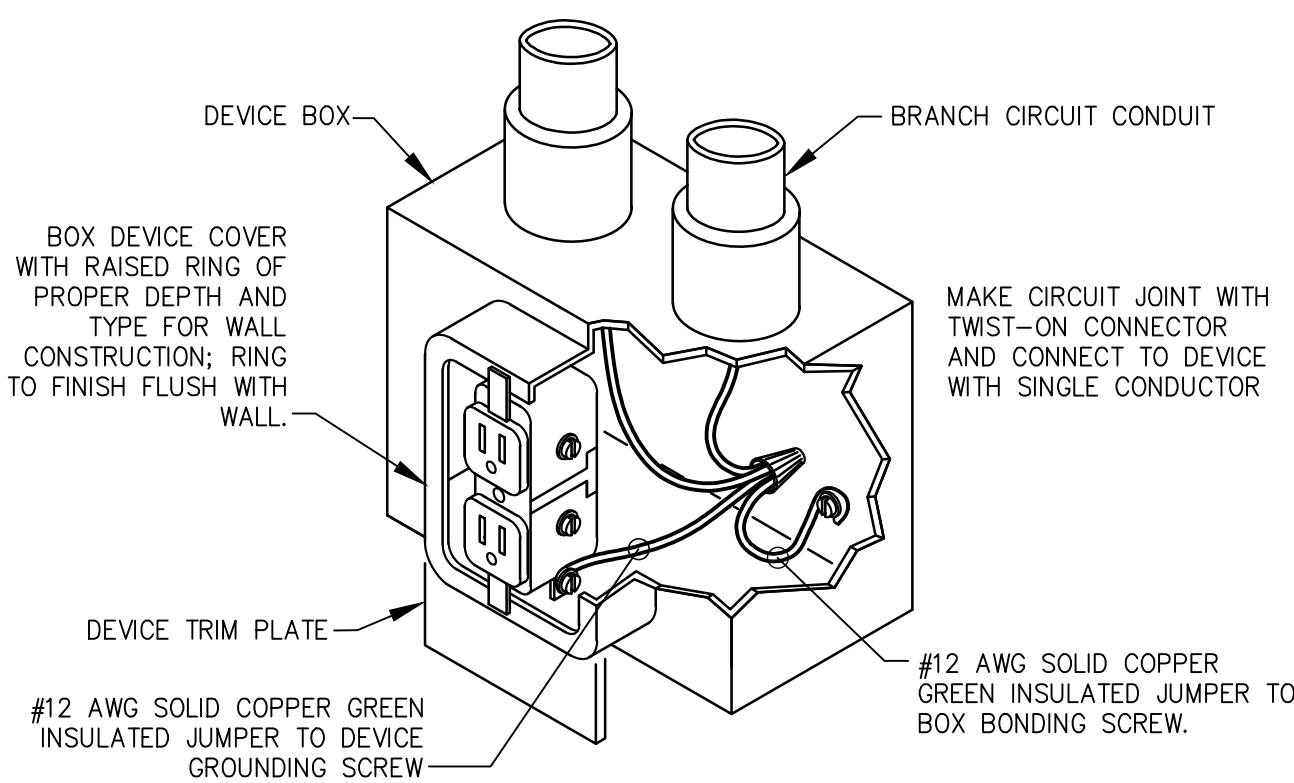
ELECTRICAL NOTES

- ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND REQUIREMENTS OF THE LOCAL AUTHORITY HAVING JURISDICTION.
- PERMITS FOR ELECTRICAL WORK SHALL BE OBTAINED BY AND PAID BY THE ELECTRICAL CONTRACTOR. THE ELECTRICAL CONTRACTOR SHALL PAY FOR ANY ADDITIONAL FEES FOR INSPECTIONS, TESTS, AND OTHER SERVICES AS REQUIRED FOR THE COMPLETION OF THE WORK.
- THE ELECTRICAL CONTRACTOR AND ANY OF HIS SUBCONTRACTORS SHALL VISIT THE PROJECT SITES TO WITNESS EXISTING CONDITIONS AND BECOME FAMILIAR WITH THE SCOPE OF THE WORK REQUIRED PRIOR TO SUBMITTING PROPOSALS. WORK REQUIRED BY EXISTING JOB CONDITIONS NOT INDICATED ON DRAWINGS SHALL BE INCLUDED IN THE PROPOSALS.
- THE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO RESULT IN THE PRODUCTION OF A COMPLETE AND FUNCTIONAL ELECTRICAL SYSTEM. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL MATERIAL, LABOR, EQUIPMENT, AND OTHER SERVICES AS NECESSARY TO COMPLETE THE WORK.
- DISCREPANCIES IN THE DRAWINGS AND SPECIFICATIONS THAT WILL AFFECT THE WORK SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER, AND OWNER PRIOR TO SUBMITTING PROPOSALS.
- UNLESS NOTED OTHERWISE, ALL MATERIALS AND EQUIPMENT SHALL BE NEW AND INCLUDE A 3RD PARTY LABEL (I.E.: UL, CSA, ETL, ETC.) LISTING APPROVAL FOR ITS INSTALLED APPLICATION.
- REVIEW COMPLETE PLAN SET FOR CONSTRUCTION TYPE, SCOPES, ETC. REVIEW COMPLETE PLAN SET FOR PROJECT PHASING AND STAGING. REVIEW COMPLETE PLAN SET FOR WORK COVERED BY ALTERNATE BID ITEMS.
- VERIFY PROPER SIZING OF OVERLOAD DEVICES IN STARTERS BASED ON EQUIPMENT NAMEPLATE DATA.
- IF HORSEPOWER OR LOAD RATINGS OF EQUIPMENT DIFFER FROM THOSE INDICATED ON THE DRAWINGS, NOTIFY THE ARCHITECT, ENGINEER, AND OWNER FOR DIRECTION.
- PROVIDE NATIONAL ELECTRICAL CODE REQUIRED CLEARANCES FOR ALL ELECTRICAL EQUIPMENT. COORDINATE RESOLUTION OF CONFLICTS WITH OTHER TRADES.
- ABANDONED CIRCUITRY (RACEWAY & CONDUCTORS) SHALL BE REMOVED IN ITS ENTIRETY FROM ITS SOURCE.
- PANEL BUS MATERIAL: COPPER.
- SHARED NEUTRAL CONDUCTORS SHALL NOT BE USED UNLESS SPECIFICALLY INDICATED SO ON HOMERUN CIRCUITRY DESIGNATIONS.
- PANEL BREAKER CONFIGURATIONS SHALL BE INSTALLED AS INDICATED ON THE PANEL SCHEDULES OR AS NOTED. BREAKER POSITION REVISIONS WILL NOT BE ACCEPTED UNLESS APPROVED IN WRITING BY THE ENGINEER.
- LOAD CIRCUITS SHALL BE INSTALLED AS INDICATED ON THE DRAWINGS. CIRCUITRY REVISIONS WILL NOT BE ACCEPTED UNLESS APPROVED IN WRITING BY THE ENGINEER.



- NOTES:
- USE 3/8" HOT DIPPED GALVANIZED STEEL HARDWARE FOR CONNECTING CHANNELS & MOUNTING EQUIPMENT.
  - PROVIDE ADDITIONAL VERTICAL POSTS, CENTERED, IF RACK EXCEEDS 60" WIDE.
  - PROVIDE ADDITIONAL CHANNEL(S) WHERE REQUIRED TO ALIGN WITH EQUIPMENT MOUNTING HOLES.
  - SEE DETAILS D/E-1.00 & G/E-1.00 FOR RACK MOUNTED SUN SHIELD / RAIN HOOD.

**B** EQUIPMENT RACK DETAIL  
E-1.00 NO SCALE

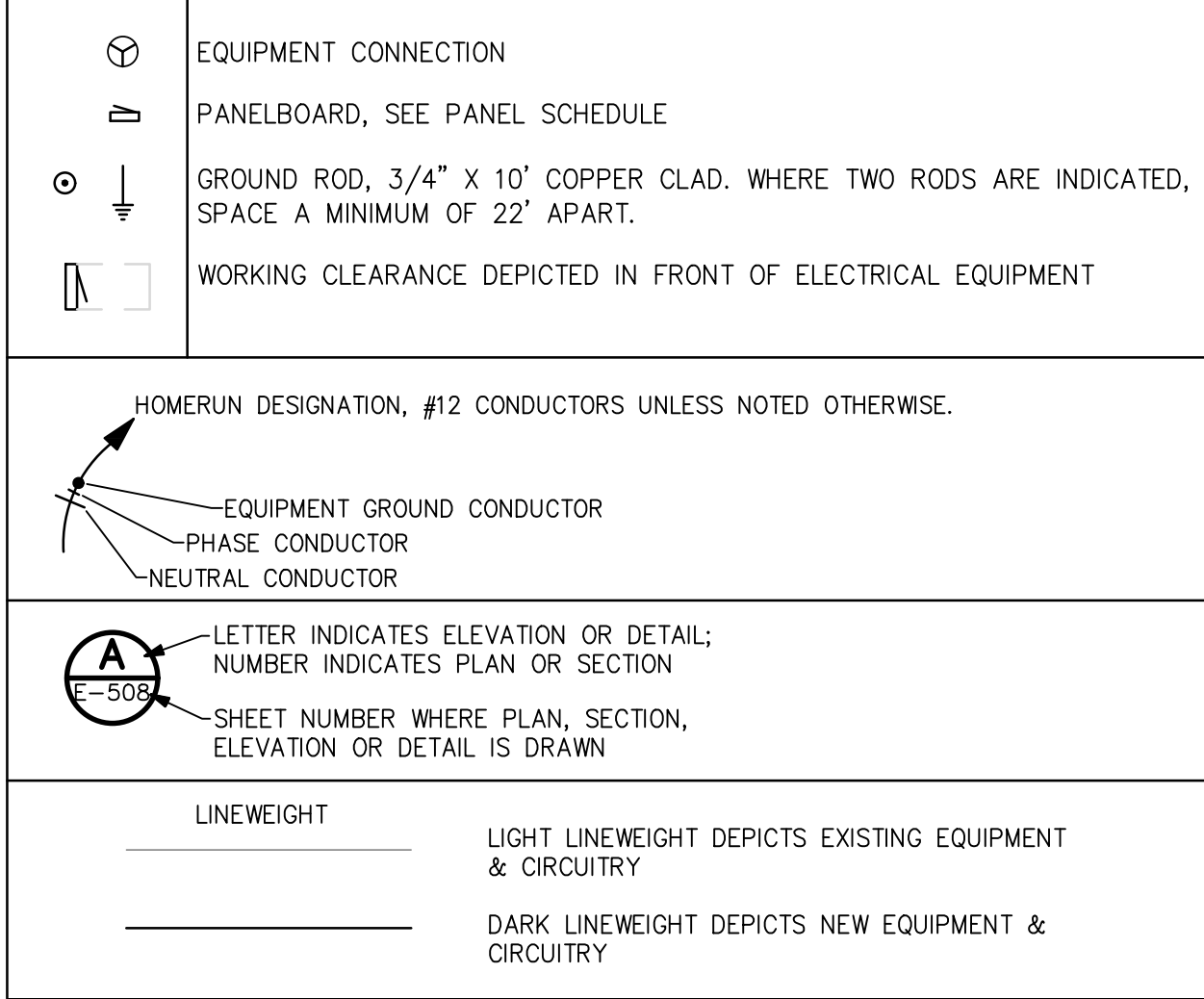


**F** OUTLET GROUNDING DETAIL  
E-1.00 NO SCALE

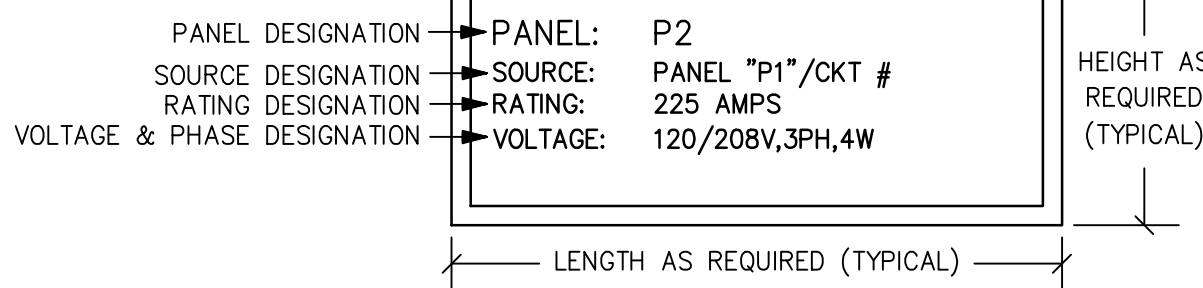
ABBREVIATIONS

AFG	ABOVE FINISHED GRADE
AIC	AMPS INTERRUPTING CAPABILITY
ATS	AUTOMATIC TRANSFER SWITCH
BKR	BREAKER
C	CONDUIT
C/B	CIRCUIT BREAKER
CKT	CIRCUIT
DIA	DIAMETER
DISC	DISCONNECT
DWG	DRAWING
EC	ELECTRICAL CONTRACTOR
ENCL	ENCLOSED
EXSTG	EXISTING
G	EQUIPMENT GROUND
GEC	GROUNDING ELECTRODE CONDUCTOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
HP	HORSEPOWER
K	KILO (THOUSAND)
MCB	MAIN CIRCUIT BREAKER
MFR	MANUFACTURER
MLO	MAIN LUG ONLY
N/A	NOT APPLICABLE
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOC.
NTS	NOT TO SCALE
P	PHASE OR POLE
PCP	PUMP CONTROL PANEL
PH	PHASE
PNL	PANEL
PVC	POLYVINYL CHLORIDE
REC	RECEPTACLE
RECP	RECEPTACLE
REQ	REQUIRED
S.S.	STAINLESS STEEL
SYS	SYSTEM
S/N	SOLID NEUTRAL
TYP	TYPICAL
UL	UNDERWRITERS LABORATORY
UNO	UNLESS NOTED OTHERWISE
UON	UNLESS OTHERWISE NOTED
V	VOLTS
VA	VOLT-AMPS
W	WATTS
W	WIRE
W/	WITH
WP	WEATHERPROOF
XFMR	TRANSFORMER

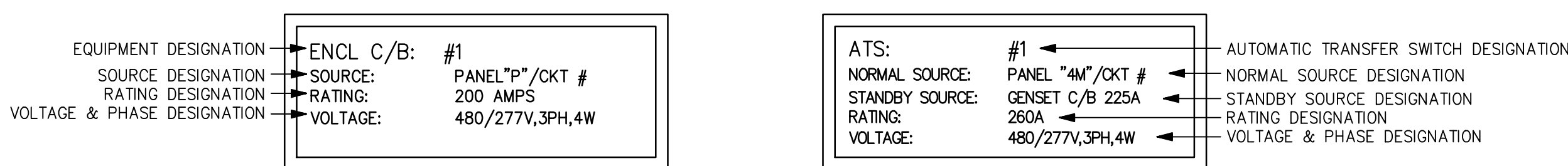
MISC. ELECTRICAL SYMBOL LEGEND



PANELBOARD

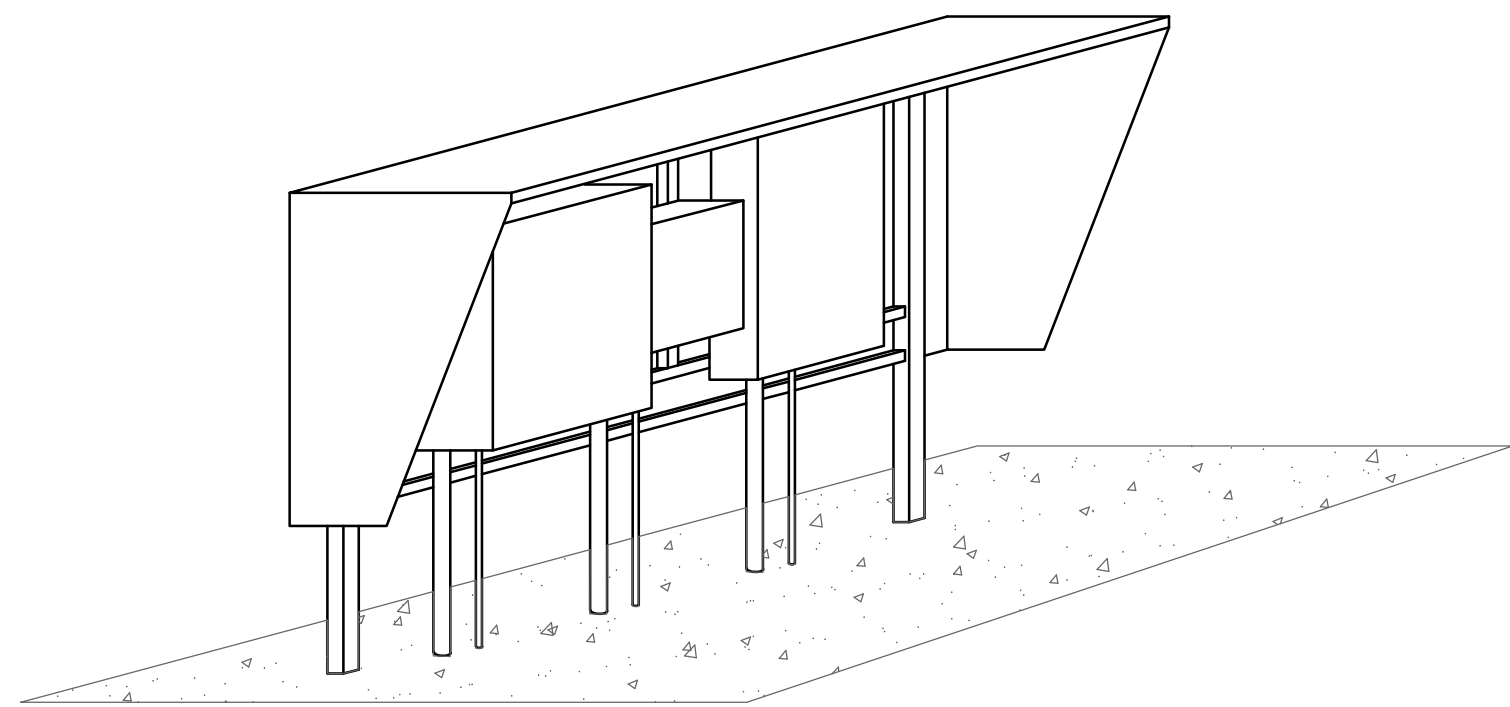


AUTOMATIC TRANSFER SWITCH

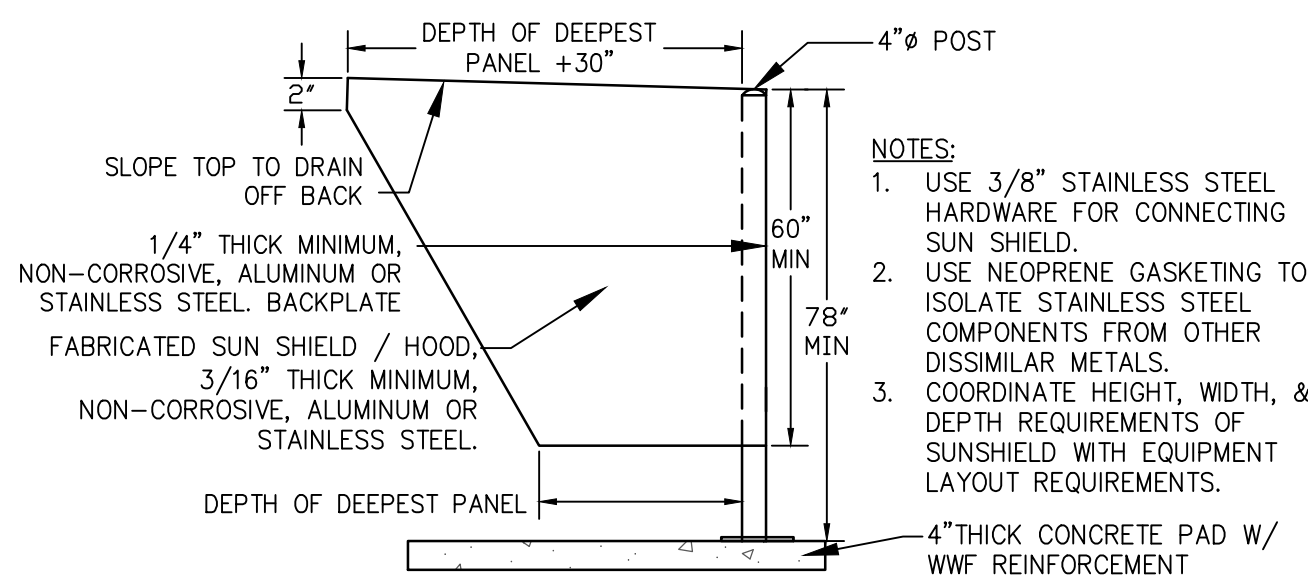


- NOTES:
- ENGRAVED PLASTIC FOR NAMEPLATE.
  - HIGH PERFORMANCE, DOUBLE COATED TAPE WITH ADHESIVE TO ATTACH LABELS. DESIGN BASIS: 3M #06383 OR APPROVED EQUIVALENT.
  - 3/8" ENGRAVED LETTERS EQUIPMENT NAME DESIGNATION AND 1/4" ENGRAVED LETTERS ON ALL OTHER DESIGNATIONS.

**C** TYPICAL NAMEPLATE DETAILS  
E-1.00 NO SCALE



**D** SUN/RAIN HOOD TYPICAL (ISOMETRIC)  
E-1.00 NO SCALE



**G** SUN SHIELD FOR EQUIPMENT RACK  
E-1.00 NO SCALE

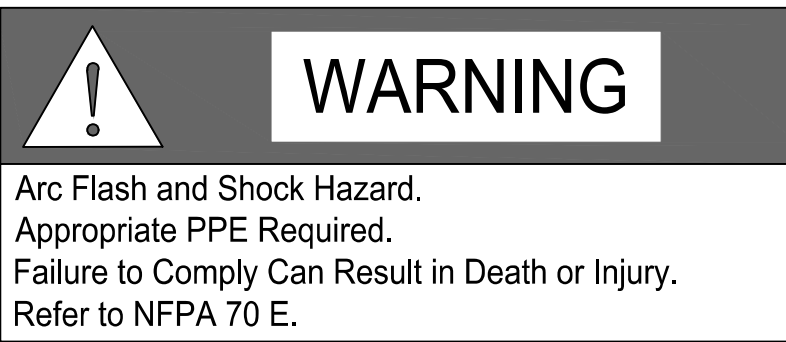
PANEL IDENTIFICATION LABEL

C  
E-1.00

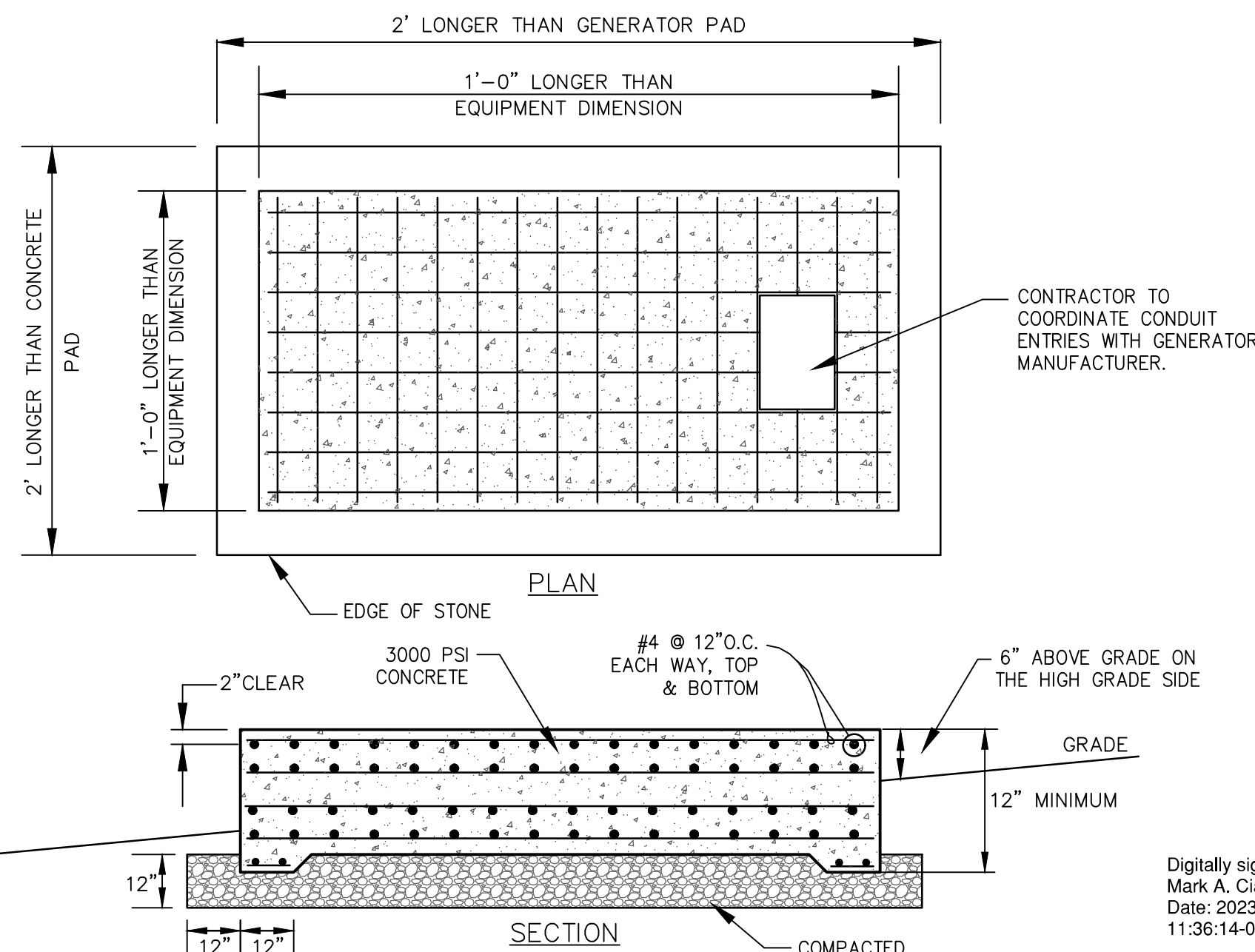
COLOR CODE LABEL

COLOR CODE:	
PHASE "A"	BLACK
PHASE "B"	RED
PHASE "C"	BLUE
NEUTRAL	WHITE
EQUIPMENT GROUND	GREEN

- NOTES:
- ENGRAVED LABELS SHALL FEATURE BLACK LETTERS ON WHITE BACKGROUND, UNLESS SPECIFIED OTHERWISE.
  - FOR APPLICATIONS OTHER THAN NEMA 1 ENCLOSURES, PROVIDE DUPLICATE ID LABELS INSIDE ENCLOSURES.
  - PANEL DESIGNATION: 1/2" HIGH TEXT, MINIMUM.
  - VOLTAGE CONFIGURATION & SOURCE: 3/8" HIGH TEXT, MINIMUM.
  - COLOR CODE LABEL: PRINTED LABEL IS ACCEPTABLE. SEE SPECIFICATIONS FOR COLOR CODE REQUIREMENTS.
  - OBTAIN FAULT CURRENT VALUES FOR ALL EQUIPMENT FROM FAULT CURRENT TABLE.

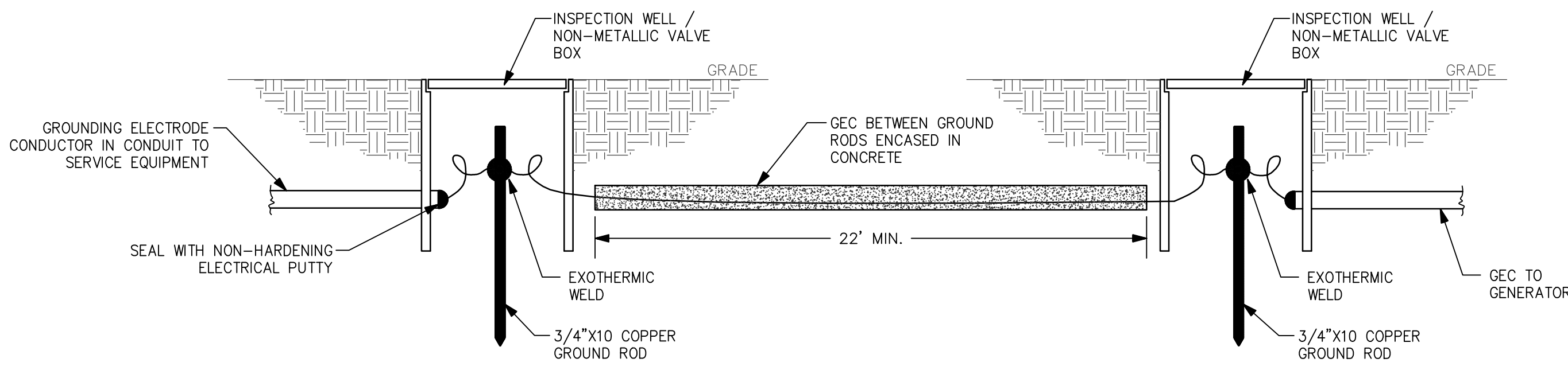


**A** TYPICAL PANELBOARD IDENTIFICATION  
E-1.00 NO SCALE

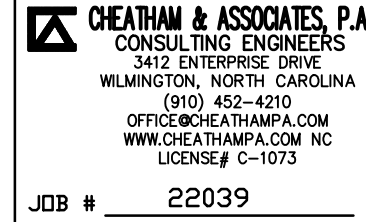


- NOTES:
- PROVIDE ANCHOR BOLTS FOR GENERATOR & ENCLOSURE PER MANUFACTURER'S REQUIREMENTS.
  - BASE PAD SIZE ON ACTUAL EQUIPMENT SUPPLIED. PAD SHOULD EXTEND 6" PAST EQUIPMENT EXTERIOR IN EACH DIRECTION.

**E** GENERATOR PAD DETAIL  
E-1.00 NO SCALE



**H** GROUND ROD & INSPECTION WELL  
E-1.00 NO SCALE



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ROBESON COUNTY  
556 NORTH CHESTNUT STREET  
LUMBERTON, NC 28358

CONSTRUCTION PLANS  
ROBESON COUNTY  
MAXTON GENERATORS  
CRI-155-0014  
MAXTON, NC 28364 | ROBESON



INITIAL PLAN DATE: 10/24/2022  
REVISIONS:

WR Job No. 06211005.00 DATE 01/20/2022  
DRN: JEG DGN: JEG CKD: MAC

ELECTRICAL  
NOTES, DETAILS

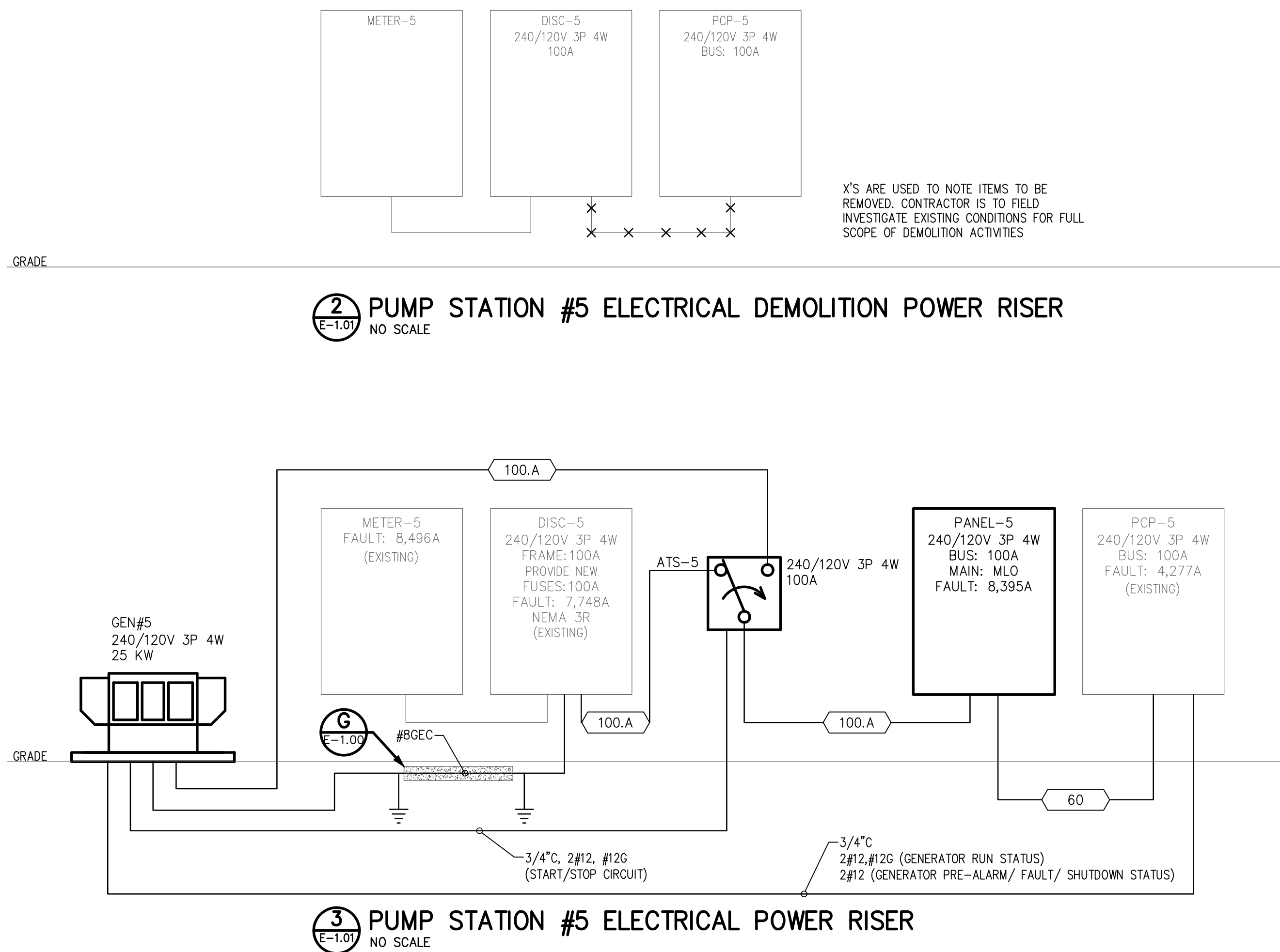
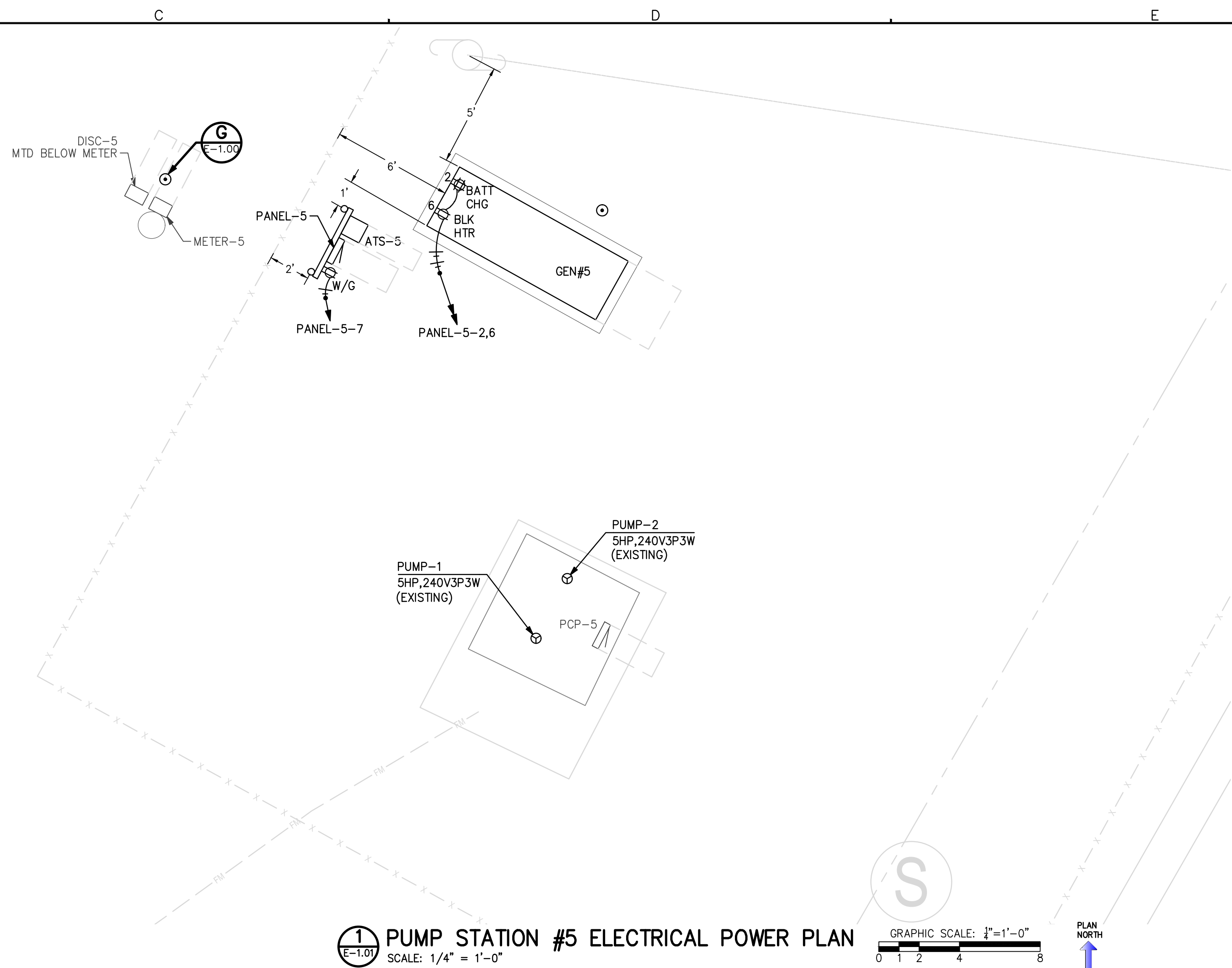
E-1.00



PANEL-5											
ROOM:			VOLTS: 240/120V 3P 4W			AIC: 10,000					
MOUNTING: SURFACE			BUS AMPS: 100			MAIN BKR: MLO					
FED FROM: ATS-5			NEUTRAL: 100%			LUGS: STANDARD					
NOTE: NEMA 3R											
CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA			CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA		
			A	B	C				A	B	C
1	100/3	PANEL PCP-5	4.21			2	20/1	REC-BATTERY CHARGER	1		
3				4.21		4	-/1	SPACE		0	
5					4.21	6	20/1	REC-BLOCK HEATER			1.5
7	20/1	SPACE REC-EXT GFCI	0.18			8	20/1	SPARE	0		
9	-/1	SPACE		0		10	-/1	SPACE		0	
11	20/1	SPARE			0	12	20/1	SPARE			0
13	-/3	SPACE	0			14	-/3	SPACE	0		
15				0		16				0	
17					0	18					0
						TOTAL CONNECTED KVA BY PHASE			5.39	4.21	5.71
						TOTAL CONNECTED AMPS BY PHASE			40.2	30.4	42.9
		CONN KVA	CALC KVA					CONN KVA	CALC KVA		
LARGEST MOTOR		6.32	1.58	(25%)		RECEPTACLES		0.18	0.18	(50%>10)	
MOTORS		12.6	12.6	(100%)		NONCONTINUOUS		2.5	2.5	(100%)	
						TOTAL LOAD		16.9			
						BALANCED 3-PHASE LOAD		40.6 A			

<i>FEEDER SCHEDULE</i>			
<i>ID</i>	<i>FEEDER AMPS</i>	<i>CONDUIT AND FEEDER</i>	<i>FEEDING THESE DEVICES</i>
60	60	1" C, #3/8, #6N, #8G	PCP-5
100.A	100	1-1/4" C, #3/2, #2N, #8G	ATS-5, ATS-5, PANEL-5, PCP-7
125	125	1-1/2" C, #3/1/0, #1/0N, #6G	PCP-11
125J	125	1-1/2" C, #3/1/0, #1/0N, #6G	PCP-10
150	150	1-1/2" C, 3#1/0, #1/0N, #6G	ATS-7, ATS-7, ATS-11, ATS-11, DISC-7, DISC-11, PANEL-7, PANEL-11
225	225	2-1/2" C, 3#4/0, #4/0N, #4G	ATS-10, ATS-10, DISC-10, PANEL-10

SIZING METHOD: COPPER, 60°C #12 THROUGH #1, 75°C #1/0 AND ABOVE



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LICENSE# C-1073

JOB # 22039

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CONSTRUCTION PLANS  
**ROBESON COUNTY**  
**MAXTON GENERATORS**  
**CRI-155-0014**

MAXTON, NC 28364 | ROBESON



INITIAL PLAN DATE: 10/24/2022  
REVISIONS:

WR Job No.	DATE
06211005.00	01/20/2022
DRN: JEG DGN: JEG CKD: MAC	

ELECTRICAL  
LS5

E-1.01

PANEL-7

ROOM: MOUNTING: SURFACE FED FROM: ATS-7 NOTE: NEMA 3R			VOLTS: 240/120V 3P 4W BUS AMPS: 150 NEUTRAL: 100%			AIC: 10,000 MAIN BKR: MLO LUGS: STANDARD					
CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA			CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA		
			A	B	C				A	B	C
1	100/3	PANEL PCP-7	6.1			2	20/1	REC-BATTERY CHARGER	1		
3				6.1		4	-/1	SPACE		0	
5					6.1	6	20/1	REC-BLOCK HEATER			1.5
7	20/1	REC-EXT GFCI	0.18			8	20/1	SPARE	0		
9	-/1	SPACE		0		10	-/1	SPACE		0	
11	20/1	SPARE			0	12	20/1	SPARE			0
13	-/3	SPACE	0			14	-/3	SPACE	0		
15				0		16				0	
17					0	18					0
19	-/3	SPACE	0			20	-/3	SPACE	0		
21				0		22				0	
23					0	24					0
25	-/3	SPACE	0			26	-/3	SPACE	0		
27				0		28				0	
29					0	30					0
						TOTAL CONNECTED KVA BY PHASE			7.28	6.1	7.6
						TOTAL CONNECTED AMPS BY PHASE			53.8	44	56.5
			CONN KVA	CALC KVA					CONN KVA	CALC KVA	
LARGEST MOTOR			9.15	2.29	(25%)	RECEPTACLES			0.18	0.18	(50%>10)
MOTORS			18.3	18.3	(100%)	NONCONTINUOUS			2.5	2.5	(100%)
						TOTAL LOAD			23.3		
						BALANCED 3-PHASE LOAD			55.9 A		



PANEL-10

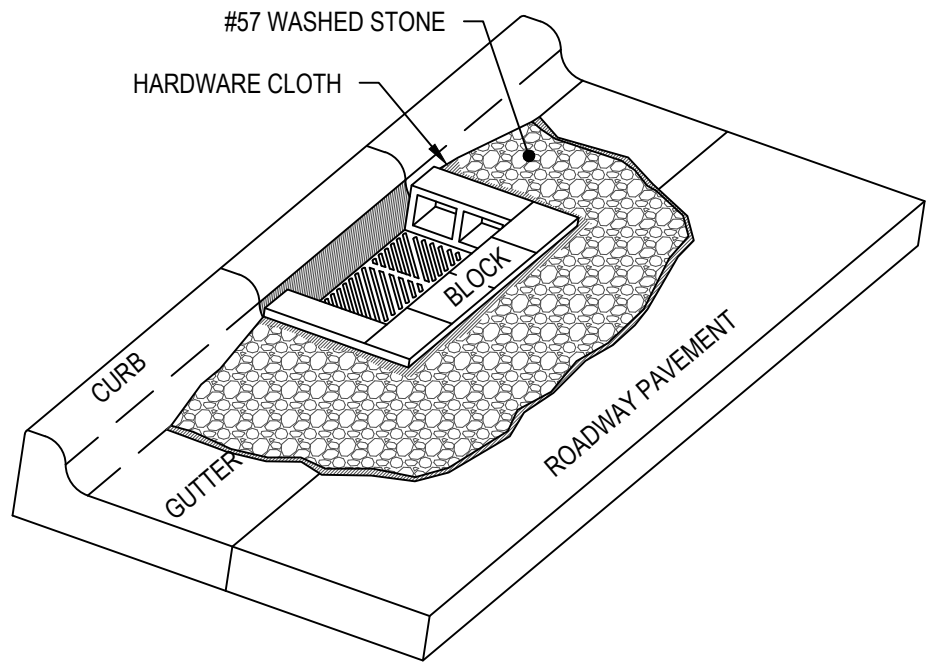
ROOM: MOUNTING: SURFACE FED FROM: ATS-10 NOTE: NEMA 3R			VOLTS: 240/120V 3P 4W BUS AMPS: 225 NEUTRAL: 100%			AIC: 10,000 MAIN BKR: 225 LUGS: STANDARD					
CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA			CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA		
			A	B	C				A	B	C
1	20/3	PUMP-1	5.82			2	100/3	PUMP-2	5.82		
3				5.82		4				5.82	
5					5.82	6					5.82
7	20/1	REC-EXT GFCI	0.18			8	20/1	REC-BATTERY CHARGER	1		
9	-/1	SPACE		0		10	-/1	SPACE		0	
11	20/1	SPARE			0	12	20/1	REC-BLOCK HEATER			1.5
13	-/3	SPACE				14	-/3	SPACE	0		
15			0	0		16				0	
17					0	18					0
19	-/3	SPACE	0			20	-/3	SPACE	0		
21				0		22				0	
23					0	24					0
25	-/3	SPACE	0			26	-/3	SPACE	0		
27				0		28				0	
29					0	30					0
						TOTAL CONNECTED KVA BY PHASE			12.8	11.6	13.1
						TOTAL CONNECTED AMPS BY PHASE			93.8	84	96.5
									</		



PANEL-11

ROOM:			VOLTS: 240/120V 3P 4W			AIC: 10,000					
MOUNTING: SURFACE			BUS AMPS: 150			MAIN BKR: MLO					
FED FROM: ATS-11			NEUTRAL: 100%			LUGS: STANDARD					
NOTE: NEMA 3R											
CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA			CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA		
			A	B	C				A	B	C
1	125/3	PANEL PCP-11	7.76			2	20/1	REC-BATTERY CHARGER	1		
3				7.76		4	-/1	SPACE		0	
5					7.76	6	20/1	REC-BLOCK HEATER			1.5
7	20/1	REC-EXT GFCI	0.18			8	20/1	SPARE	0		
9	-/1	SPACE		0		10	-/1	SPACE		0	
11	20/1	SPARE			0	12	20/1	SPARE	0		0
13	-/3	SPACE	0			14	-/3	SPACE	0		
15				0		16				0	
17					0	18					0
19	-/3	SPACE	0			20	-/3	SPACE	0		
21				0		22				0	
23					0	24					0
25	-/3	SPACE	0			26	-/3	SPACE	0		
27				0		28				0	
29					0	30					0
						TOTAL CONNECTED KVA BY PHASE			8.94	7.76	9.26
						TOTAL CONNECTED AMPS BY PHASE			65.8	56	68.5





PERSPECTIVE VIEW

NOTES

1. LAY ONE BLOCK ON EACH SIDE OF THE STRUCTURE ON ITS SIDE IN THE BOTTOM ROW TO ALLOW POOL DRAINAGE. PLACE BOTTOM ROW OF BLOCKS AGAINST THE EDGE OF THE CURB FOR LATERAL SUPPORT AND TO AVOID WASHOUTS WHEN OVERFLOW OCCURS. IF NEEDED, GIVE LATERAL SUPPORT TO THE SUBSEQUENT ROWS OF BLOCKS BY PLACING 2x4 WOOD STUDS THROUGH BLOCK OPENINGS.
2. CAREFULLY FIT HARDWARE CLOTH OR COMPARABLE WIRE MESH WITH 1/2" OPENINGS OVER ALL BLOCK OPENINGS TO HOLD GRAVEL IN PLACE.
3. USE #57 WASHED STONE PLACED 2" BELOW THE TOP OF THE BLOCK ON A 2:1 SLOPE OR FLATTER AND SMOOTH IT INTO AN EVEN GRADE.

BLOCK AND GRAVEL INLET PROTECTION (TEMPORARY)

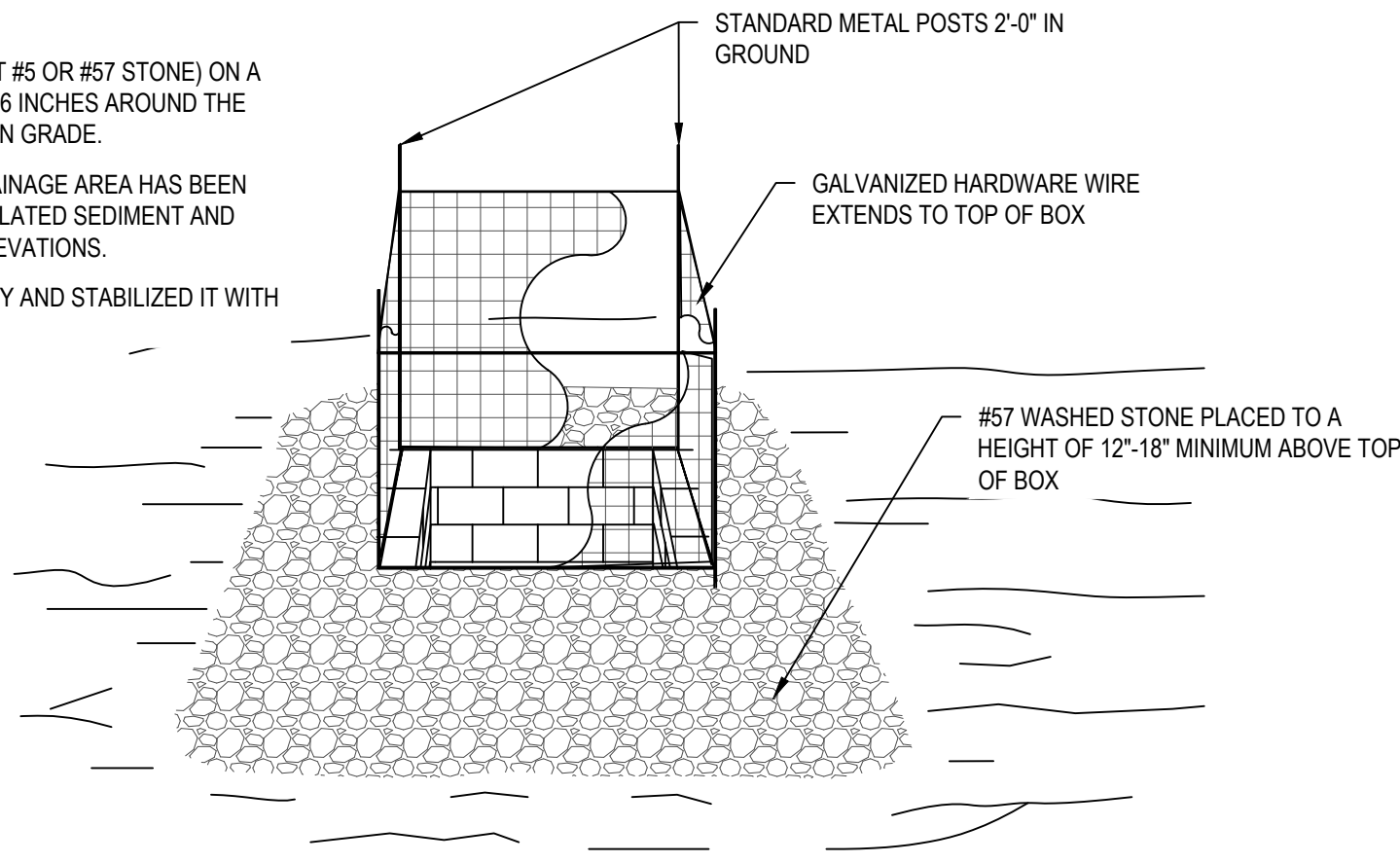
NOT TO SCALE

MAINTENANCE NOTE:

INSPECT THE BARRIER AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT (1/2 INCH OR GREATER) RAINFALL AND MAKE REPAIRS AS NEEDED. REMOVE SEDIMENT AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR SUBSEQUENT RAINS. WHEN THE CONTRIBUTING DRAINAGE AREA HAS BEEN ADEQUATELY STABILIZED, REMOVE ALL MATERIALS AND ANY UNSTABLE SOIL, AND EITHER SALVAGE OR DISPOSE OF IT PROPERLY. BRING THE DISTURBED AREA TO PROPER GRADE, THEN SMOOTH AND COMPACT IT. APPROPRIATELY STABILIZE ALL BARE AREAS AROUND THE INLET.

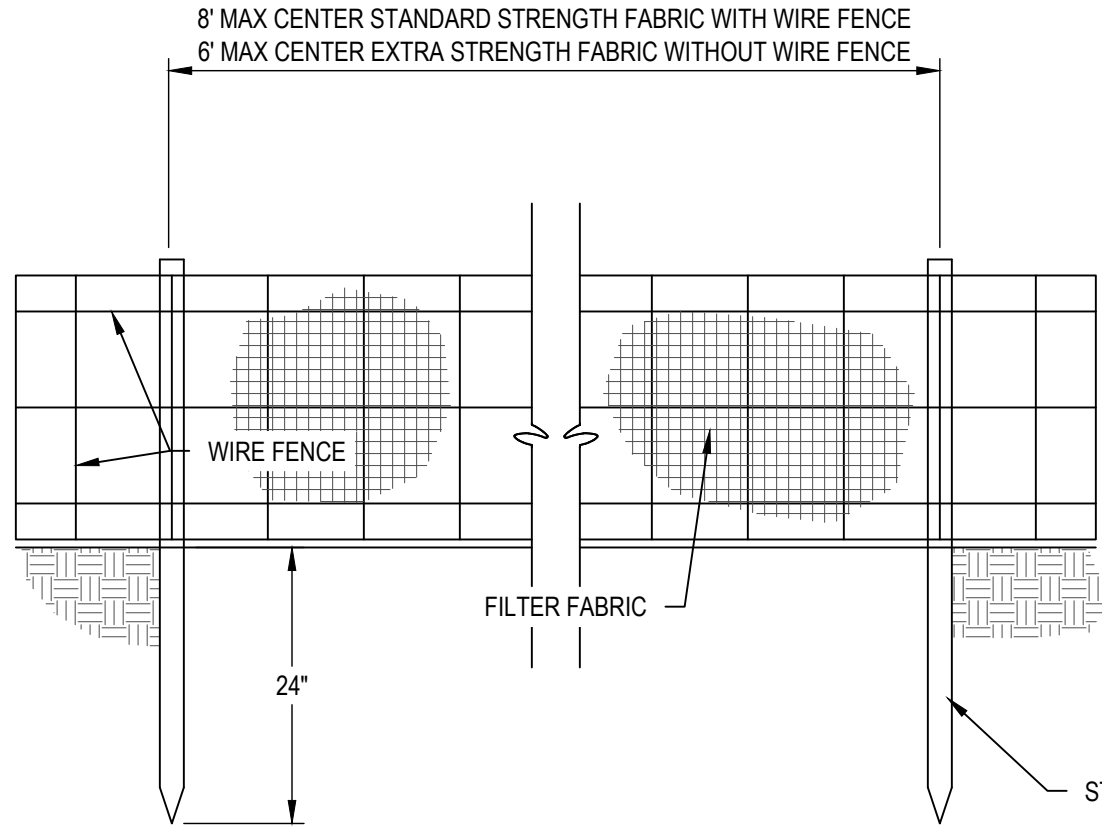
MAINTENANCE NOTE:

INSPECT INLETS AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT (1/2 INCH OR GREATER) RAINFALL EVENT. CLEAR THE MESH WIRE OF ANY DEBRIS OR OTHER OBJECTS TO PROVIDE ADEQUATE FLOW FOR SUBSEQUENT RAINS. TAKE CARE NOT TO DAMAGE OR UNDERCUT THE WIRE MESH DURING SEDIMENT REMOVAL. REPLACE STONE AS NEEDED.



HARDWARE CLOTH & GRAVEL INLET PROTECTION

NOT TO SCALE

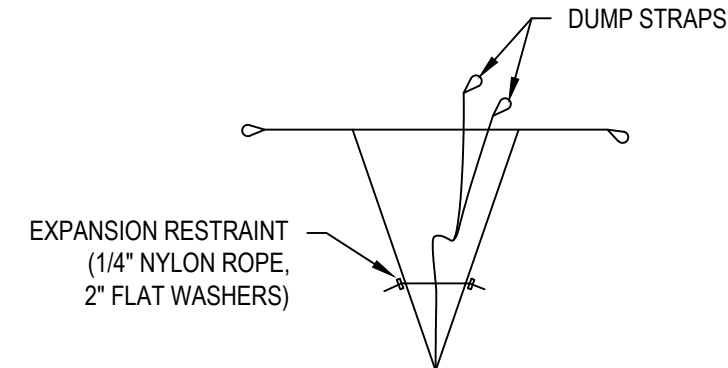
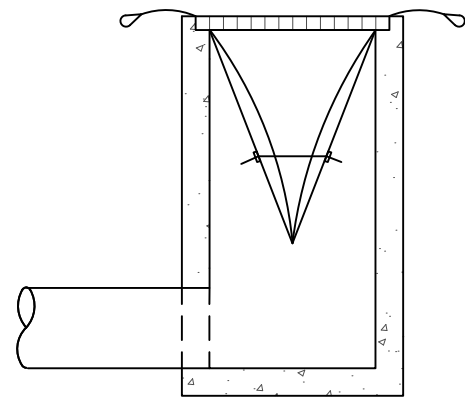


MAINTENANCE NOTES:

1. INSPECT SEDIMENT FENCES AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL. MAKE ANY REQUIRED REPAIRS IMMEDIATELY.
2. SHOULD THE FABRIC OF A SEDIMENT FENCE COLLAPSE, TEAR, DECOMPOSE OR BECOME INEFFECTIVE, REPLACE IT PROMPTLY.
3. REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE. TAKE CARE TO AVOID UNDERMINING THE FENCE DURING CLEANOUT.
4. REMOVE ALL FENCING MATERIALS AND UNSTABLE SEDIMENT DEPOSITS AND BRING THE AREA TO GRADE AND STABILIZE IT AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.

SILT FENCE

NOT TO SCALE

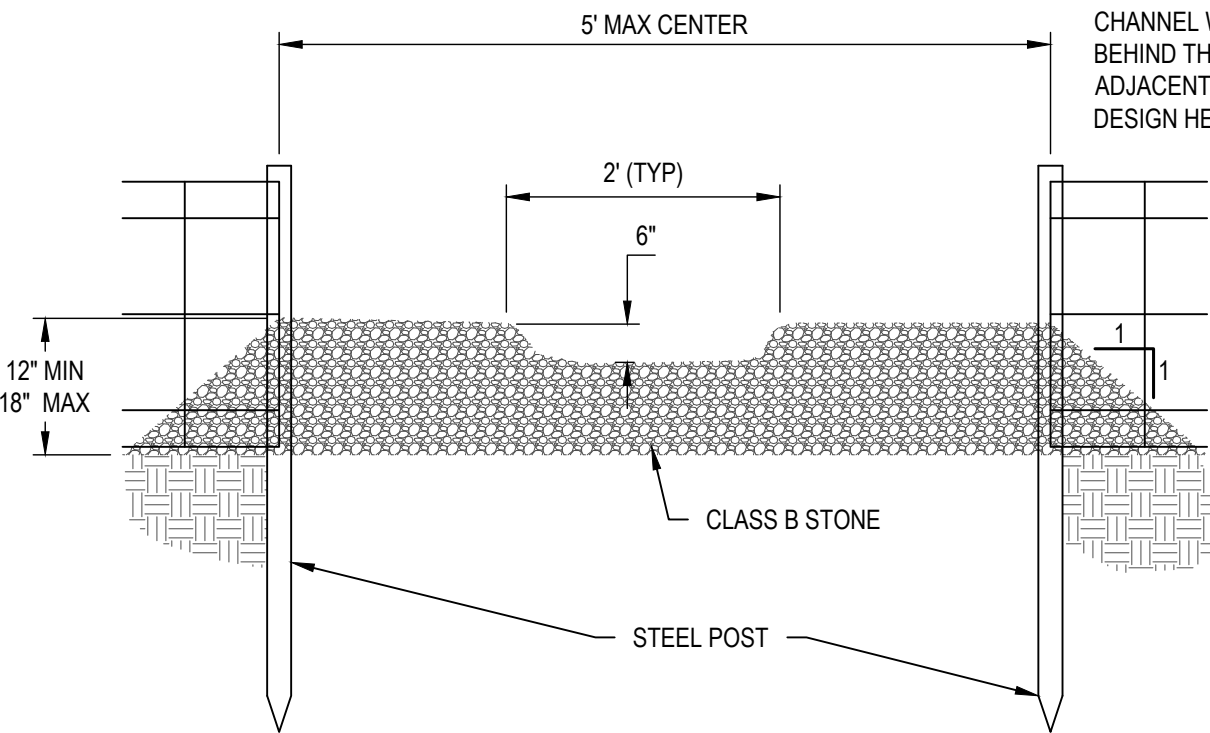


MAINTENANCE NOTE:

INSPECT INLETS AT LEAST WEEKLY AND AFTER EACH SIGNIFICANT (1/2 INCH OR GREATER) RAINFALL EVENT. CLEAR THE SEDIMENT SACK OF ANY DEBRIS OR OTHER OBJECTS TO PROVIDE ADEQUATE FLOW FOR SUBSEQUENT RAINS. TAKE CARE NOT TO DAMAGE THE SEDIMENT SACK DURING SEDIMENT REMOVAL. REPLACE DAMAGED SEDIMENT SACKS IMMEDIATELY.

INLET SEDIMENT CONTROL DEVICE

NOT TO SCALE



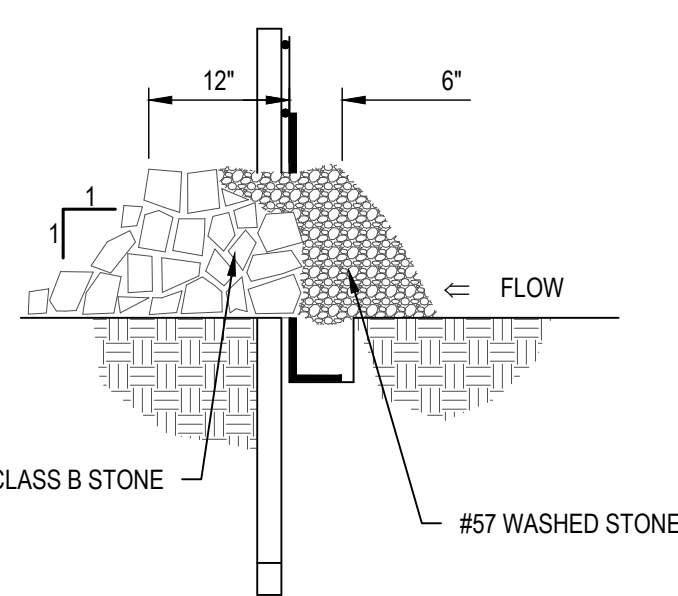
DAM SECTION

NOTE:

1. POSTS TO BE BURIED A MINIMUM OF 24".

SILT FENCE OUTLET-STONE

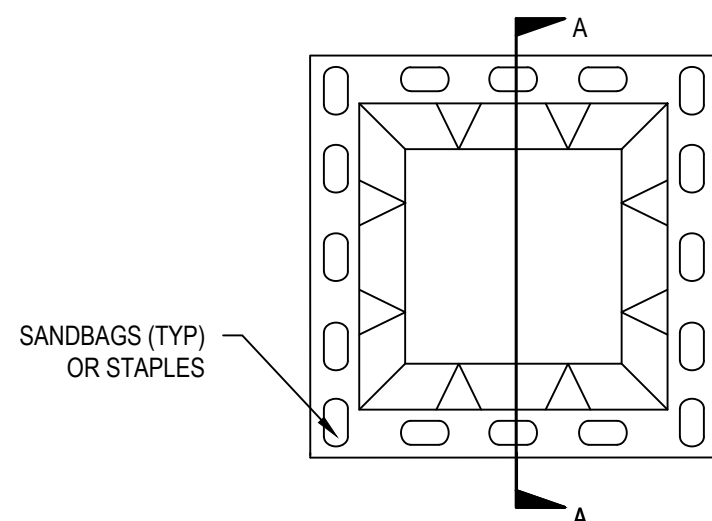
NOT TO SCALE



CROSS SECTION

EROSION CONTROL NOTES:

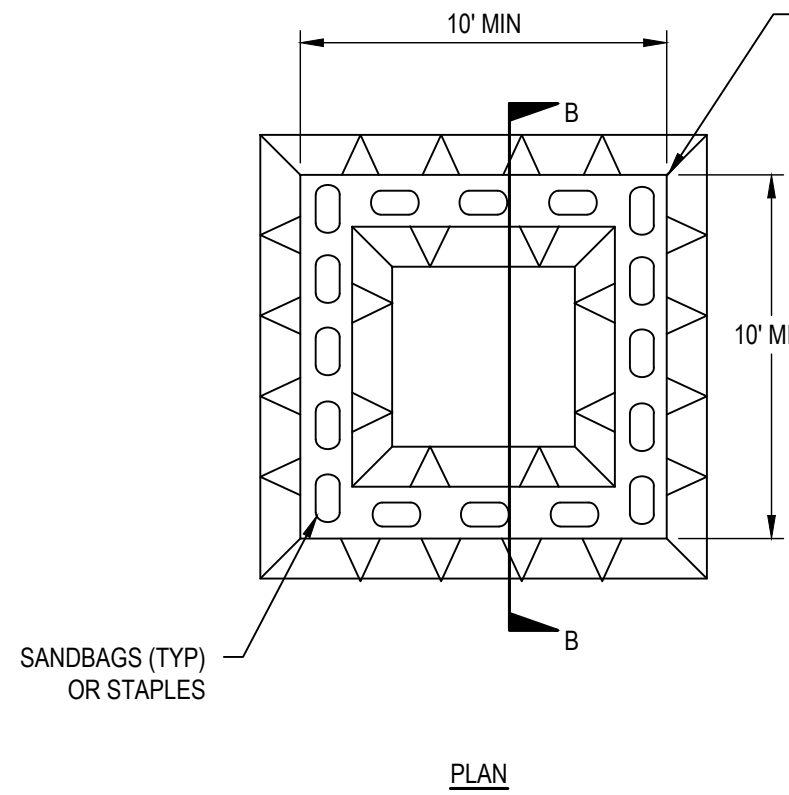
1. CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING AND INSTALLING ALL EROSION CONTROL MEASURES TO ACCOUNT FOR ANY EROSION THAT MAY OCCUR.



MAINTENANCE NOTE:

1. THE CONCRETE WASHOUT STRUCTURES SHALL BE MAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES CAPACITY.

BELOW GRADE WASHOUT STRUCTURE



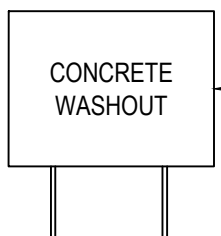
MAINTENANCE NOTE:

1. THE CONCRETE WASHOUT STRUCTURES SHALL BE MAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES CAPACITY TO PROVIDE ADEQUATE HOLDING CAPACITY WITH A MINIMUM 12 INCHES OF FREEBOARD.

ABOVE GRADE WASHOUT STRUCTURE

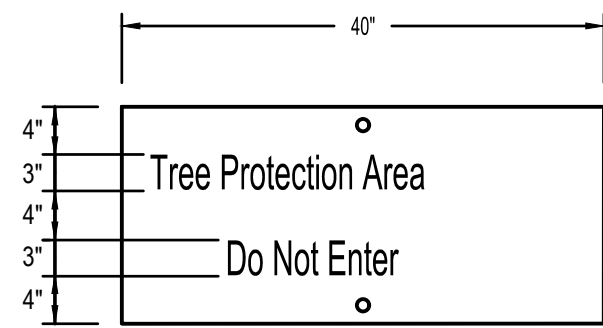
NOTES:

1. ACTUAL LOCATION DETERMINED IN FIELD
2. CONCRETE WASHOUT STRUCTURE NEEDS TO BE CLEARLY MARKED WITH SIGNAGE NOTING DEVICE.



ONSITE CONCRETE WASHOUT STRUCTURE WITH LINER

NOT TO SCALE



WEATHERPROOF SIGN AS SHOWN ABOVE. SEE NOTES BELOW FOR CONSTRUCTION AND SPACING DATA.

POST MAY BE EITHER 4"x4" PINE, 2"x4" OR 1.33 LB/LF STEEL

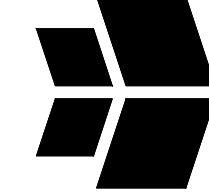
ORANGE, UV RESISTANT HIGH-TENSILE STRENGTH POLY BARRICADE FABRIC

NOTES:

1. WARNING SIGNS TO BE MADE OF DURABLE, WEATHERPROOF MATERIAL.
2. LETTERS ARE TO BE 3" HIGH MIN., CLEARLY LEGIBLE AND SPACED AS DETAILED.
3. SIGNS ARE TO BE PLACED NO GREATER THAN 200' ON CENTER.
4. PLACE SIGN AT EACH END OF LINEAR TREE PROTECTION AREA AND ON CENTER THEREAFTER FOR TREE PROTECTION AREAS LESS THAN 200' IN PERIMETER. PROVIDE NO LESS THAN ONE SIGN PER PROTECTION AREA.
5. ATTACH SIGNS SECURELY TO FENCE POST AND FABRIC.
6. MAINTAIN TREE PROTECTION FENCE THROUGHOUT DURATION OF PROJECT.

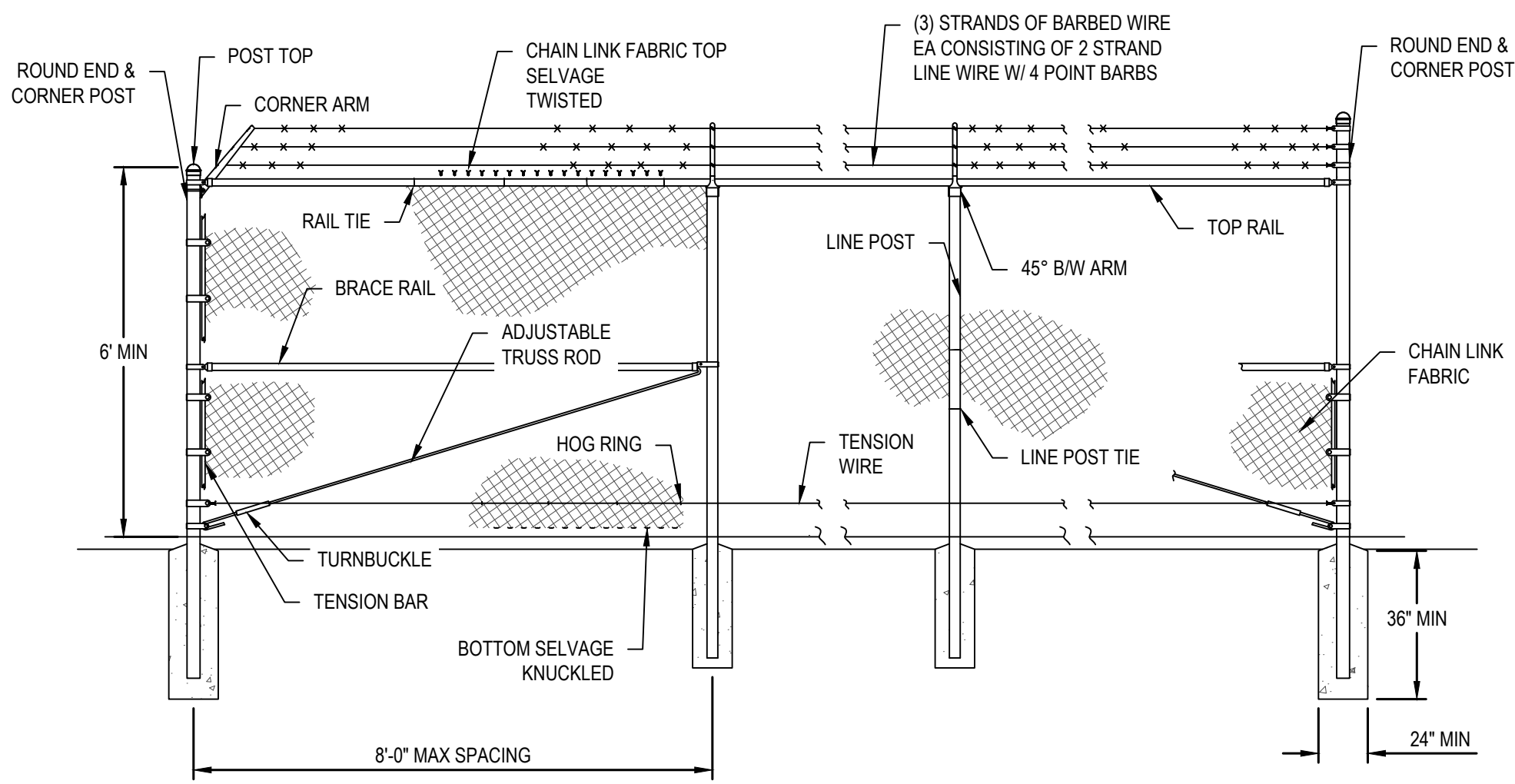
TREE PROTECTION FENCE

NTS





\\withersravel.com\wrcorp\robeson\WRShare\questions\211211000211005-robeson.co-maxton-generator-project\CAD\drawing sets\construction\1.DWG.dwg Wednesday, January 25, 2023 1:57:59 PM - ACHIEK



CHAIN LINK FENCE  
NOT TO SCALE

WR Job No.	DATE
06211005.00	01/25/2023
DRN: DAC	DGN: DAC
CKD: LM	

STANDARD  
DETAILS

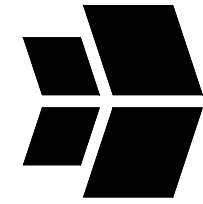
C1.01



CONSTRUCTION PLANS  
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## **ATTACHMENT 2:**



### **Wild and Scenic Rivers**

NEPAssist Map of DOI NPS Nationwide Rivers Inventory  
and National Wild and Scenic Rivers System Showing  
Distance from Closest WSR to Proposed Project Sites

# Maxton Sewer Lift Station Nos. 5 and 7 - WSR One-mile Buffer



January 10, 2023

-  Maxton Sewer Lift Station No. 5, 303 N. Hooper Street, Maxton, NC 28364
-  Maxton Sewer Lift Station No. 7, 904 US 74 BUS, Maxton, NC 28364



**Maxton Sewer Lift Station No. 10**  
**627 NC Highway 71N, Maxton, NC 28364**

# Maxton Sewer Lift Station No. 10 - WSR 0.66-mile Buffer



January 10, 2023



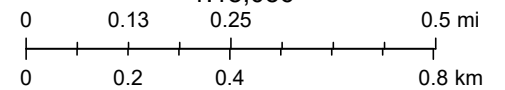
Maxton Sewer Lift Station No. 10, 627 NC Highway 71N, Maxton, NC 28364



Project Buffer

HYDRO\_NationwideRiversInventory\_In

1:18,056



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**Maxton Sewer Lift Station No. 11**  
**2074 NC Highway 71N, Maxton, NC 28364**



# Maxton Sewer Lift Station No. 11 - WSR 450-foot Buffer

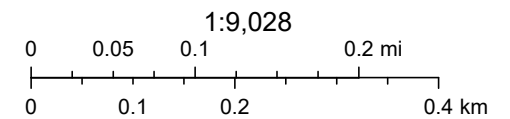


January 10, 2023

— HYDRO\_NationwideRiversInventory\_In

Project Buffer

Maxton Sewer Lift Station No. 11, 2074 NC Highway 71N, Maxton, NC 28364

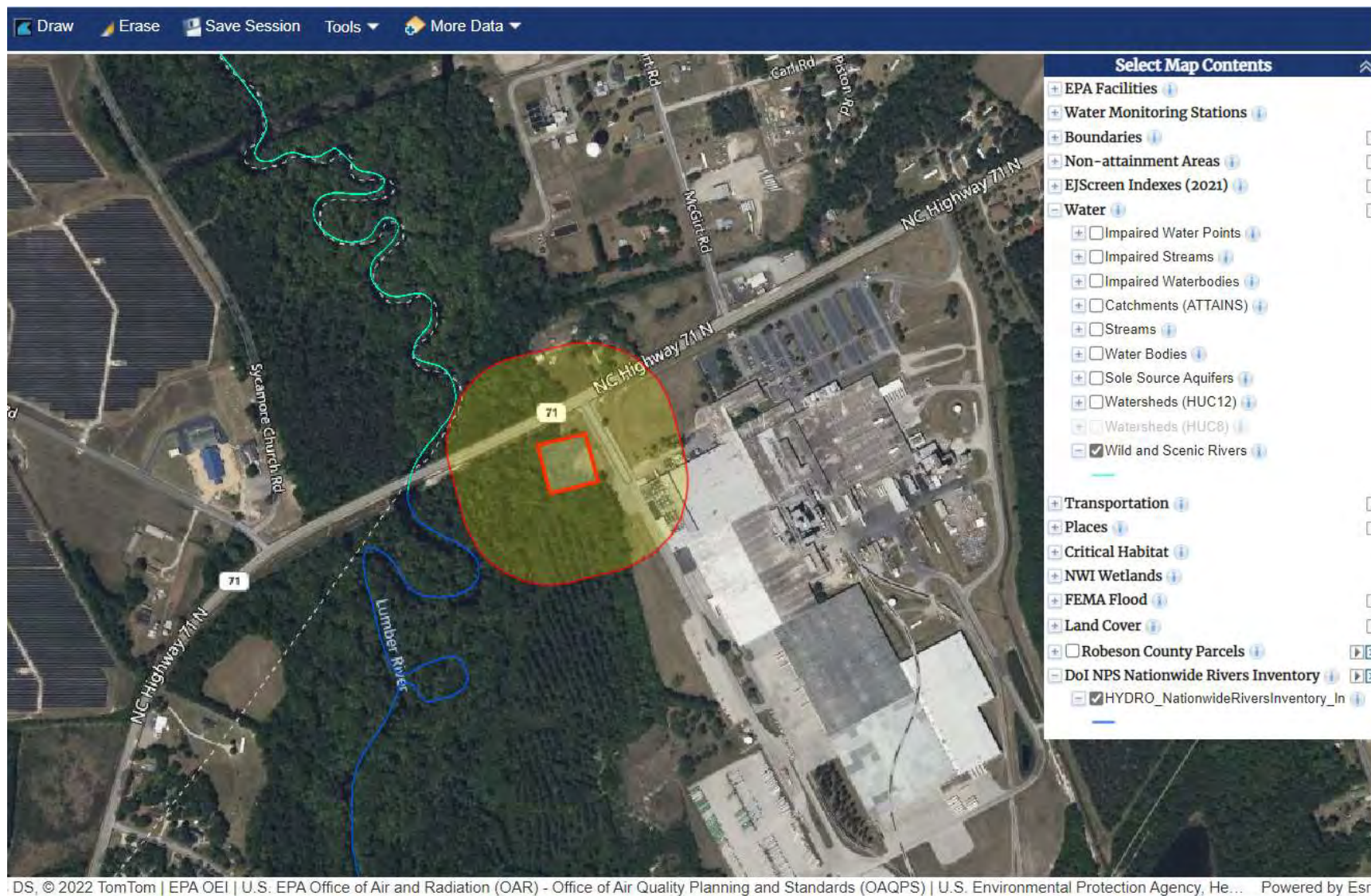


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© 2022 Maxar ©CNES (2022) Distribution Airbus DS © 2022 TomTom



# Maxton Sewer Lift Station No. 11, 2074 NC Highway 71N, Maxton, NC 28364

## Wild and Scenic Rivers with 450-foot Buffer





## Gievers, Andrea

---

**From:** Duncan, Jeffrey R <Jeff\_Duncan@nps.gov>  
**Sent:** Tuesday, January 17, 2023 8:36 AM  
**To:** Gievers, Andrea  
**Subject:** Re: [EXTERNAL] NCORR HUD CBDG-DR NEPA - Wild and Scenic Rivers

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

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

Hi Andrea-

Thanks for reaching out. If a project is not a water resources project and/or not within 0.25 miles of a Wild and Scenic River or the NRI-listed stream, there is no need to consult. The Lumber River is the only designated Wild and Scenic River in eastern NC. Anything within 0.25 miles of that, we should probably at least chat. That said, if it's not a water resource project, it likely won't require anything formal. The Maxton Sewer Lift #11 is about the only project I see on your list that fits this criteria. So long as the project is well outside the bed and banks of the river, I don't think formal consultation under Section 7(a) is needed.

Hope this helps. Please let me know if you have further questions. Jeff

Jeffrey R. Duncan, PhD.  
Southeast Regional Aquatic Ecologist  
Wild and Scenic Rivers Coordinator  
[Science and Natural Resources Management](#)  
Ph: (423) 987-6127

***I'm a proud graduate of the NPS GOAL Leadership Academy. Ask me about the program!***

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---

**From:** Gievers, Andrea <andrea.l.gievers@rebuild.nc.gov>  
**Sent:** Thursday, January 12, 2023 12:19 PM  
**To:** Duncan, Jeffrey R <Jeff\_Duncan@nps.gov>  
**Subject:** [EXTERNAL] NCORR HUD CBDG-DR NEPA - Wild and Scenic Rivers

**This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.**

Hello Jeff:

I know you are very busy from our last discussion, so I figured I would reach out to you to *streamline* consultations for Wild and Scenic Rivers. In general, the NPS has jurisdiction over the interim WSRA boundary consisting of one-quarter (0.25) mile on each side of the river as measured from the ordinary high water mark. The North Carolina Office of Recovery and Resiliency (NCORR) has a few storm recovery projects using HUD CDBG-DR funding that are located within a *one-mile* proximity to Wild and Scenic Rivers. Please let me know if you would like a formal consultation on any of the following projects, and I will promptly send you the full project information.

Also, please let me know if ***non-water resource projects*** located ***more than 0.25-mile*** from a Wild and Scenic River do not require consultation. For the *Affordable Housing Development Fund and Public Housing Restoration Programs*, these projects are typically new construction of affordable, multifamily housing and rehabilitation and repairs of existing community buildings and multifamily housing. The *Infrastructure Recovery Program's* non-water resource projects typically include rehabilitation or conversion of existing buildings for community use, generator replacement, WWTP repairs, etc. NCORR will consult with you on a case-by-case basis for water resource projects or projects with the ability to affect a NRI segment's ORV located within *one-mile* or your suggested distance or if determined to potentially affect from a greater distance. Please feel free to reach out to me via email or phone. Thank you so much!

1. **Parkton Sewer Plant Generator** located at Parkton Sewer Plant, Sewer Plant Drive, Parkton, NC 28371. This project will remove the present 1957 generator, external diesel tank, and concrete pad and replace with a new generator, belly-mounted diesel tank, and concrete pad with upgraded Automatic Transfer Switch and electrical connections. The new 8' x 4' concrete pad will be located approximately 8 to 10 feet from the original 10' x 4' pad. The existing generator lost power as a result of Hurricane Matthew, allowing waste water to be released from the facility. The closest NRI wild and scenic river is the **Little Marsh Swamp** situated approximately **0.35-mile** from the proposed project site. Currently, storm events cause the generator to fail and waste water to be released from the facility. The Little Marsh Swamp will benefit from the proposed project with the mitigated risk of inundation of raw sewage and treated effluent released towards the river during future storm events.
2. **Town of Maxton Sewer Lift Station Generators** located at Maxton Sewer Lift Station **No. 5**, 303 N. Hooper Street, Maxton, NC 28364 (Coordinates 34.736315,-79.342539); Maxton Sewer Lift Station **No. 7**, 904 US 74 Business, Maxton, NC 28364 (Coordinates 34.739609,-79.358906); Maxton Sewer Lift Station **No. 10**, 627 NC Highway 71N, Maxton, NC 28364 (Coordinates 34.757965,-79.340526); and Maxton Sewer Lift Station **No. 11**, 2074 NC Highway 71N, Maxton, NC 28364 (Coordinates 34.773260,-79.328969). The proposed project will involve the removal of four existing generators and installation of four replacement generator packages, to include integrated diesel fuel tanks, automatic transfer switching, wiring connections, electrical panels, mounting pads, and the generators. The generators will provide auxiliary power at four existing sewage lift stations during power outages such as that experienced during Hurricane Matthew. During the Hurricane Matthew storm event, the Town of Maxton lost primary power for an extended time, which adversely impacted the Town's ability to maintain its sewage treatment facility and peripheral sewage lift stations. Maxton Sewer Lift Station **No. 10**, 627 NC Highway 71N, Maxton, NC 28364 is located approximately **0.66-mile** from the **Lumber River**. Maxton Sewer Lift Station **No. 11**, 2074 NC Highway 71N, Maxton, NC 28364 is located approximately **450 feet** of the **Lumber River** which has segments near the site listed on the DOI NPS Nationwide Rivers Inventory and National Wild and Scenic Rivers System. The Lumber River will benefit from the proposed project with the mitigated risk of raw sewage backups and overflows into the environment during future storm events.
3. **Princeville Levee Floodgate Repairs** located at four existing Princeville Levee Floodgate locations along the Tar River, Princeville, Edgecombe County, NC 27886. The Town of Princeville proposes to perform inlet and outlet channel repairs at four existing floodgate culverts along the levee and construct permanent access roads to facilitate said repairs and provide access for future inspection, maintenance, and flood-fighting

operations. According to the NRI and WSR Maps, there are *no listed river segments located within one-mile* of the Subject Property. The closest listed river segment is **Fishing Creek** which is located **over three miles** north of the Subject Property (one mile above NC 561 bridge to confluence with Tar River).

4. New Affordable, Multifamily Housing Construction projects located over 0.25-mile from a Wild and Scenic River?
5. Conversion of existing buildings to community/public/government use (i.e., restaurant/commercial/office space/warehouse to Community Resource Center, administrative, warehouse, etc.) projects located over 0.25-mile from a Wild and Scenic River?
6. Rehabilitation and repairs of existing buildings (i.e., public housing, community centers, etc.) projects located over 0.25-mile from a Wild and Scenic River?

Sincerely,

Andrea

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

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

## **ATTACHMENT 15:**

### **Environmental Justice**

**Maxton Sewer Lift Station No. 5**  
**303 N. Hooper Street, Maxton, NC 28364**



## EJScreen Report (Version 2.1)

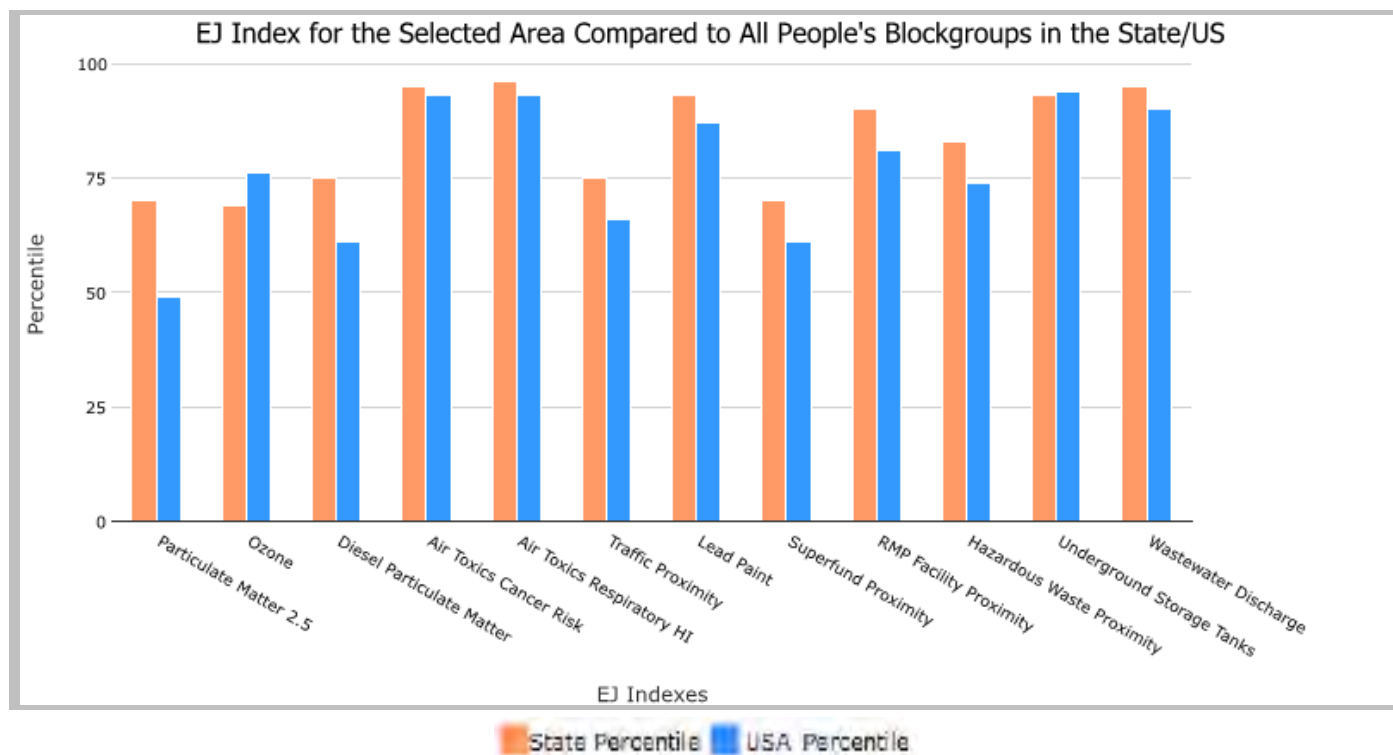
1 mile Ring around the Area, NORTH CAROLINA, EPA Region 4

Approximate Population: 2,093

Input Area (sq. miles): 3.25

Maxton SLS No. 5, 303 N. Hooper Street

Selected Variables	State Percentile	USA Percentile
<b>Environmental Justice Indexes</b>		
EJ Index for Particulate Matter 2.5	70	49
EJ Index for Ozone	69	76
EJ Index for Diesel Particulate Matter*	75	61
EJ Index for Air Toxics Cancer Risk*	95	93
EJ Index for Air Toxics Respiratory HI*	96	93
EJ Index for Traffic Proximity	75	66
EJ Index for Lead Paint	93	87
EJ Index for Superfund Proximity	70	61
EJ Index for RMP Facility Proximity	90	81
EJ Index for Hazardous Waste Proximity	83	74
EJ Index for Underground Storage Tanks	93	94
EJ Index for Wastewater Discharge	95	90



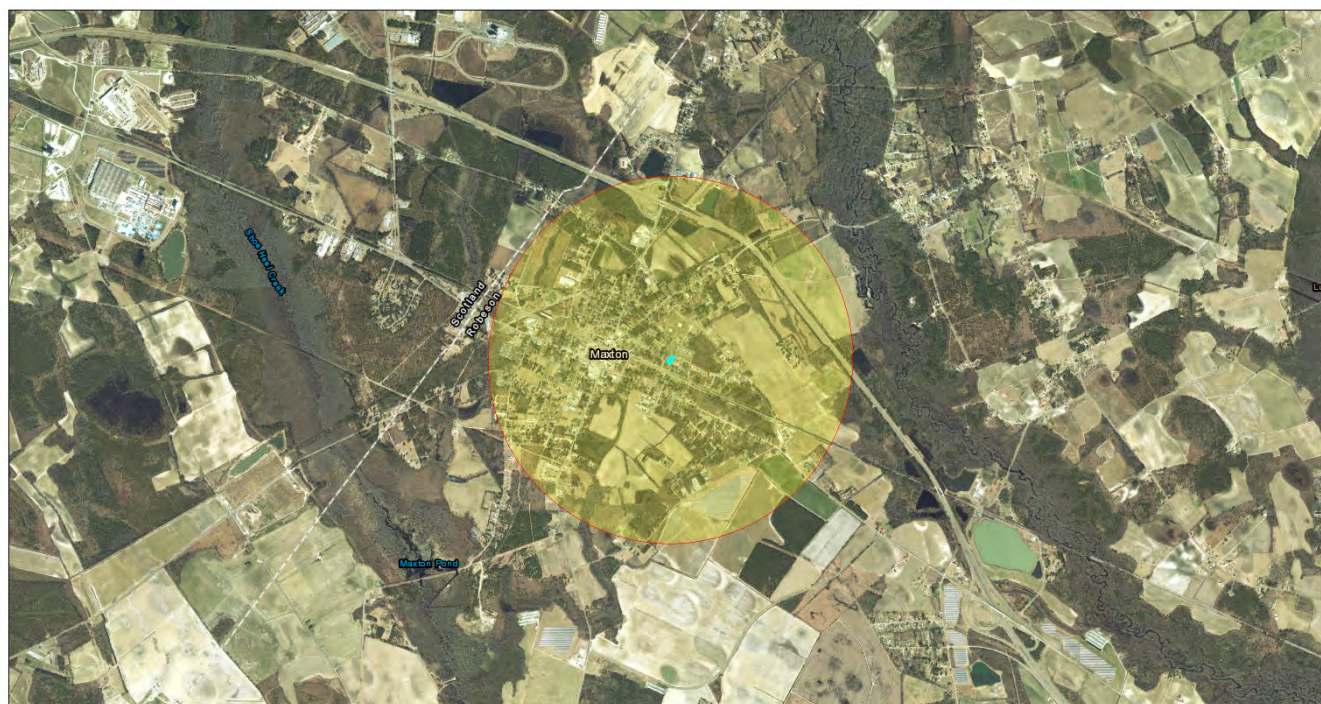
This report shows the values for environmental and demographic indicators and EJSCREEN indexes. It shows environmental and demographic raw data (e.g., the estimated concentration of ozone in the air), and also shows what percentile each raw data value represents. These percentiles provide perspective 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: 2,093

Input Area (sq. miles): 3.25

Maxton SLS No. 5, 303 N. Hooper Street



January 28, 2023

Maxton SLS No. 5, 303 N. Hooper Street

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 2.1)



1 mile Ring around the Area, NORTH CAROLINA, EPA Region 4

Approximate Population: 2,093

Input Area (sq. miles): 3.25

Maxton SLS No. 5, 303 N. Hooper Street

Selected Variables	Value	State Avg.	%ile in State	USA Avg.	%ile in USA
<b>Pollution and Sources</b>					
Particulate Matter 2.5 ( $\mu\text{g}/\text{m}^3$ )	7.13	7.67	28	8.67	15
Ozone (ppb)	40.3	41.5	26	42.5	33
Diesel Particulate Matter* ( $\mu\text{g}/\text{m}^3$ )	0.132	0.178	36	0.294	<50th
Air Toxics Cancer Risk* (lifetime risk per million)	30	28	95	28	80-90th
Air Toxics Respiratory HI*	0.4	0.36	94	0.36	80-90th
Traffic Proximity (daily traffic count/distance to road)	74	400	40	760	29
Lead Paint (% Pre-1960 Housing)	0.25	0.15	73	0.27	53
Superfund Proximity (site count/km distance)	0.023	0.08	27	0.13	22
RMP Facility Proximity (facility count/km distance)	0.29	0.41	66	0.77	48
Hazardous Waste Proximity (facility count/km distance)	0.29	0.83	48	2.2	37
Underground Storage Tanks (count/km <sup>2</sup> )	5.8	3.9	79	3.9	80
Wastewater Discharge (toxicity-weighted concentration/m distance)	0.05	0.28	88	12	80
<b>Socioeconomic Indicators</b>					
Demographic Index	76%	35%	94	35%	93
People of Color	90%	37%	94	40%	89
Low Income	62%	33%	89	30%	89
Unemployment Rate	14%	5%	90	5%	90
Limited English Speaking Households	0%	2%	0	5%	0
Less Than High School Education	22%	11%	83	12%	83
Under Age 5	9%	6%	82	6%	81
Over Age 64	16%	16%	50	16%	53

\*Diesel particulate matter, air toxics cancer risk, and air toxics respiratory hazard index are from the EPA's 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](http://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.

Location: User-specified polygonal location

Ring (buffer): 1-miles radius

Description: Maxton SLS No. 5, 303 N. Hooper Street

Summary of ACS Estimates		2016 - 2020	
Population		2,093	
Population Density (per sq. mile)		734	
People of Color Population		1,883	
% People of Color Population		90%	
Households		857	
Housing Units		1,116	
Housing Units Built Before 1950		177	
Per Capita Income		13,277	
Land Area (sq. miles) (Source: SF1)		2.85	
% Land Area		98%	
Water Area (sq. miles) (Source: SF1)		0.06	
% Water Area		2%	
		2016 - 2020 ACS Estimates	Percent
			MOE (±)
<b>Population by Race</b>			
Total		2,093	100%
Population Reporting One Race		2,061	98%
White		222	11%
Black		1,278	61%
American Indian		557	27%
Asian		4	0%
Pacific Islander		0	0%
Some Other Race		0	0%
Population Reporting Two or More Races		32	2%
Total Hispanic Population		21	1%
Total Non-Hispanic Population		2,072	
White Alone		209	10%
Black Alone		1,270	61%
American Indian Alone		557	27%
Non-Hispanic Asian Alone		4	0%
Pacific Islander Alone		0	0%
Other Race Alone		0	0%
Two or More Races Alone		32	2%
<b>Population by Sex</b>			
Male		904	43%
Female		1,188	57%
<b>Population by Age</b>			
Age 0-4		191	9%
Age 0-17		561	27%
Age 18+		1,532	73%
Age 65+		337	16%

**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) 2016 - 2020

Location: User-specified polygonal location

Ring (buffer): 1-miles radius

Description: Maxton SLS No. 5, 303 N. Hooper Street

	2016 - 2020 ACS Estimates	Percent	MOE (±)
<b>Population 25+ by Educational Attainment</b>			
Total	1,370	100%	184
Less than 9th Grade	53	4%	38
9th - 12th Grade, No Diploma	248	18%	92
High School Graduate	483	35%	76
Some College, No Degree	359	26%	70
Associate Degree	107	8%	39
Bachelor's Degree or more	120	9%	76
<b>Population Age 5+ Years by Ability to Speak English</b>			
Total	1,902	100%	221
Speak only English	1,879	99%	221
Non-English at Home <sup>1+2+3+4</sup>	22	1%	37
<sup>1</sup> Speak English "very well"	14	1%	22
<sup>2</sup> Speak English "well"	8	0%	23
<sup>3</sup> Speak English "not well"	0	0%	13
<sup>4</sup> Speak English "not at all"	0	0%	13
<sup>3+4</sup> Speak English "less than well"	0	0%	13
<sup>2+3+4</sup> Speak English "less than very well"	8	0%	23
<b>Linguistically Isolated Households*</b>			
Total	0	0%	13
Speak Spanish	0	0%	13
Speak Other Indo-European Languages	0	0%	13
Speak Asian-Pacific Island Languages	0	0%	13
Speak Other Languages	0	0%	13
<b>Households by Household Income</b>			
Household Income Base	857	100%	98
< \$15,000	359	42%	81
\$15,000 - \$25,000	114	13%	34
\$25,000 - \$50,000	161	19%	44
\$50,000 - \$75,000	125	15%	46
\$75,000 +	98	11%	37
<b>Occupied Housing Units by Tenure</b>			
Total	857	100%	98
Owner Occupied	419	49%	61
Renter Occupied	438	51%	77
<b>Employed Population Age 16+ Years</b>			
Total	1,572	100%	203
In Labor Force	697	44%	100
Civilian Unemployed in Labor Force	96	6%	38
Not In Labor Force	875	56%	158

**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: Maxton SLS No. 5, 303 N. Hooper Street

	2016 - 2020 ACS Estimates	Percent	MOE (±)
<b>Population by Language Spoken at Home*</b>			
Total (persons age 5 and above)	1,715	100%	527
English	1,695	99%	523
Spanish	13	1%	34
French, Haitian, or Cajun	5	0%	13
German or other West Germanic	0	0%	13
Russian, Polish, or Other Slavic	0	0%	13
Other Indo-European	0	0%	13
Korean	3	0%	7
Chinese (including Mandarin, Cantonese)	0	0%	13
Vietnamese	0	0%	13
Tagalog (including Filipino)	0	0%	13
Other Asian and Pacific Island	0	0%	13
Arabic	0	0%	13
Other and Unspecified	0	0%	13
Total Non-English	21	1%	742

**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) 2016 - 2020.  
 \*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: Maxton SLS No. 5, 303 N. Hooper Street

Summary	Census 2010
Population	2,259
Population Density (per sq. mile)	783
People of Color Population	1,917
% People of Color Population	85%
Households	915
Housing Units	1,054
Land Area (sq. miles)	2.88
% Land Area	99%
Water Area (sq. miles)	0.03
% Water Area	1%

Population by Race	Number	Percent
Total	2,259	-----
Population Reporting One Race	2,227	99%
White	359	16%
Black	1,377	61%
American Indian	473	21%
Asian	2	0%
Pacific Islander	0	0%
Some Other Race	17	1%
Population Reporting Two or More Races	32	1%
Total Hispanic Population	40	2%
Total Non-Hispanic Population	2,219	98%
White Alone	342	15%
Black Alone	1,376	61%
American Indian Alone	467	21%
Non-Hispanic Asian Alone	2	0%
Pacific Islander Alone	0	0%
Other Race Alone	3	0%
Two or More Races Alone	29	1%

Population by Sex	Number	Percent
Male	999	44%
Female	1,260	56%

Population by Age	Number	Percent
Age 0-4	196	9%
Age 0-17	640	28%
Age 18+	1,619	72%
Age 65+	309	14%

Households by Tenure	Number	Percent
Total	915	
Owner Occupied	461	50%
Renter Occupied	455	50%

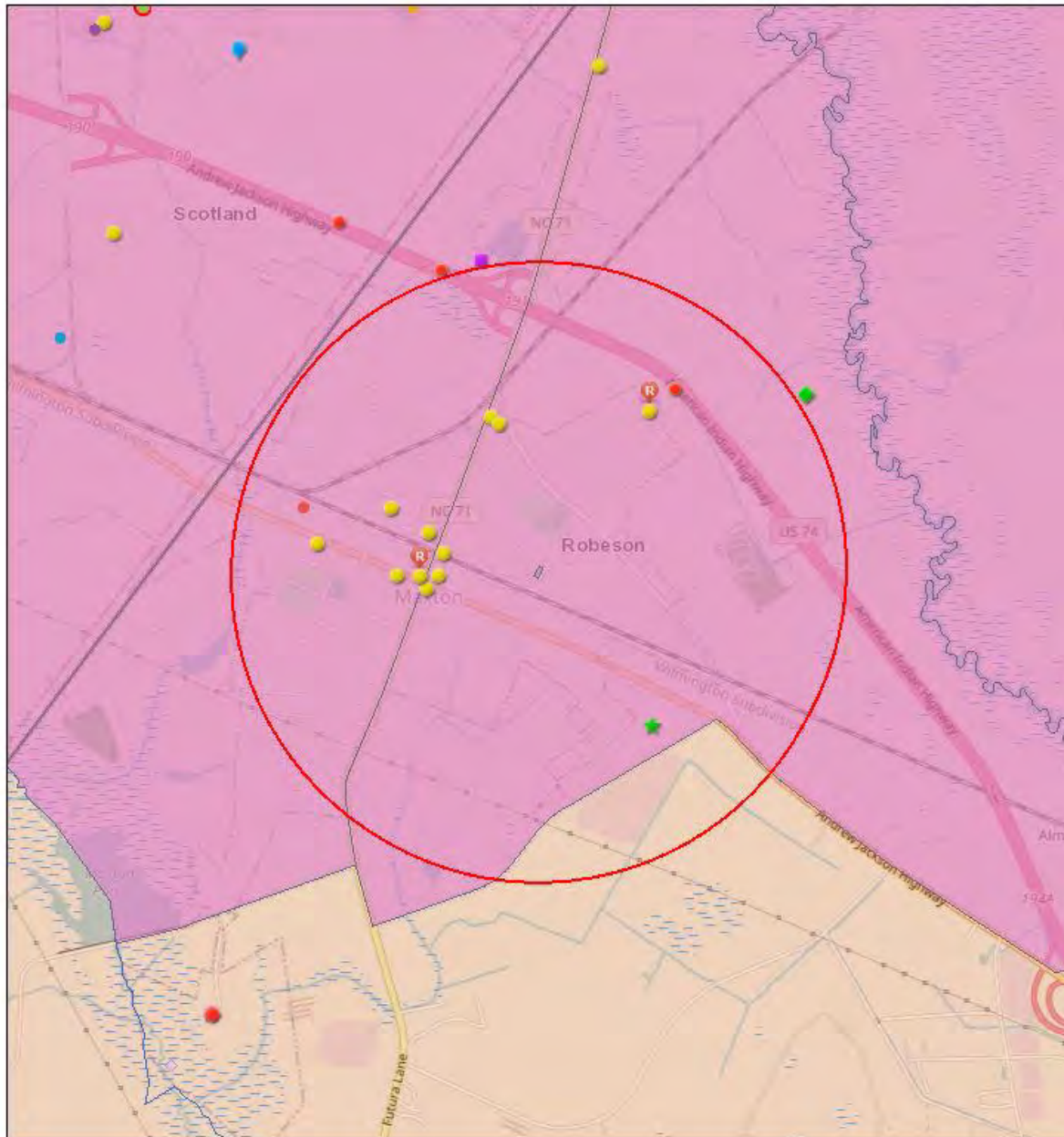


# NCDEQ Facility Screening Report - Maxton SLS No.5

## Area of Interest (AOI) Information

Area : 90,480,122.01 ft<sup>2</sup>

Jan 28 2023 12:33:21 Eastern Standard Time



Air Quality Permit Sites

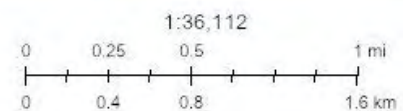
- Title V
- Synthetic Minor
- Small
- Permit Exempt

Animal Feed Operation Permits (View)

- Swine State COC

NPDES Stormwater Permits

- Solid Waste Septage Sites



NC DOT GIS Unit. Map data © OpenStreetMap contributors. CC-BY-SA

Summary

Name	Count	Area(ft²)	Length(mi)
Air Quality Permit Sites	1	N/A	N/A
NPDES Wastewater Treatment Facility Permits	0	N/A	N/A
Animal Feed Operation Permits (View)	0	N/A	N/A
Solid Waste Septage Sites	0	N/A	N/A
Coal Ash Structural Fills (CCB) (Closed)	0	N/A	N/A
Contaminated Dry-Cleaning Sites	0	N/A	N/A
Land Clearing and Inert Debris (LCID) Notifications	0	N/A	N/A
Pre-Regulatory Landfill Sites	0	N/A	N/A
Brownfields Program Sites	0	N/A	N/A
Hazardous Waste Sites	1	N/A	N/A
Underground Storage Tank Incidents	11	N/A	N/A
Above Ground Storage Tank Incidents	1	N/A	N/A
Underground Storage Tank Active Facilities	0	N/A	N/A
Petroleum Contaminated Soil Remediation Permits	0	N/A	N/A
NPDES Stormwater Permits	0	N/A	N/A
Permitted Solid Waste Landfills (Open and Closed)	0	N/A	N/A
Federal Remediation Branch	0	N/A	N/A
NC Mining Permits	0	N/A	N/A

Air Quality Permit Sites

#	CONTACT	FACILITY_NAME	DAQ_FACILITY_ID	CLASS_STATUS	LOCATION_ADDRESS_LINE_1
1	Fayetteville Regional Office	Hasty Plywood Co Inc	7800032	Small	100 Austin Street

#	LOCATION_ADDRESS_LINE_2	CITY	STATE	ZIP	NAICS
1	No Data	Maxton	NC	28364	Hardwood Veneer and Plywood Manufacturing (321211)

#	SIC	COUNTY	Count
1	Hardwood Veneer And Plywood (2435)	Robeson	1

Hazardous Waste Sites

#	HANDLER_ID	SITE_NAME	LOC_STR_NO	LOC_ADDR_1	LOC_ADDR_2
1	NCD097728000	CAMPBELL SOUP SUPPLY COMPANY	2120	NC 71 HWY N	<i>No Data</i>

#	LOC_CITY	LOC_COUNTY	LOC_ZIP	CONTACT_NA	CONTACT_PH
1	MAXTON	ROBESON	28364	JAMIE C COLLINS	910-844-1654

#	GENERATOR	TRANSPORTE	TREATER	STORER	LAND_UNIT
1	Small Quantity Generators	N	<i>No Data</i>	<i>No Data</i>	<i>No Data</i>

#	HSWA_PERMI	LAT	LONG	HCS_CODE	HCS_REF	HCS_RES	Count
1	<i>No Data</i>	34.729064	-79.335961	40	BATCHGEO.COM - YAHOO API	GEOMETRIC_C ENTER	1

### Underground Storage Tank Incidents

#	IncidentNumber	USTNum	IncidentName	FacilID	Address
1	14735	FA-800	J & E CAR WASH	<i>No Data</i>	PATTERSON & SAUNDERS ST.
2	23907	FA-1274	THE PANTRY 3018	00-0-0000018092	504 WEST SAUNDERS STREET
3	29094	FA-1798	NCDOT - MAXTON	<i>No Data</i>	117 WILMINGTON ST.
4	29187	FA-2954	MAXTON MOBIL (FORMER)	<i>No Data</i>	HWY. 74 BUS.& HWY. 71
5	29407	FA-3207	MAXTON WELL 1	<i>No Data</i>	ELM STREET
6	29451	FA-3270	COMMUNITY STOP 2	00-0-0000018540	150 WEST MARTIN LUTHER KING DR
7	29456	FA-3303	MINIT SHOP	00-0-0000021610	207 MIDDLE STREET
8	29480	FA-3433	PEOPLE'S GAS & OIL CARD SYSTEM	00-0-0000018898	102 RAILROAD STREET
9	29522	FA-3487	NIC'S PIC KWIK 4	00-0-0000019341	564 NORTH PATTERSON STREET
10	42083	FA-7810	ELIZABETH ODOM RESIDENCE	<i>No Data</i>	804 MCCASKILL AVENUE
11	42236	FA-8005	NIC'S PIC KWIK 4 (B)	00-0-0000019341	564 N. PATTERSON STREET

#	CityTown	County	ZipCode	Mgr	ROCode
1	MAXTON	ROBES	28364	KEC	FAY
2	MAXTON	ROBES	28364	KEC	FAY
3	MAXTON	ROBES	28364	KEC	FAY
4	MAXTON	ROBES	28364	STF	FAY
5	MAXTON	ROBES	28364	KEC	FAY
6	MAXTON	ROBES	28364	KEC	FAY
7	MAXTON	ROBES	28364	KEC	FAY
8	MAXTON	ROBES	28364	STF	FAY
9	MAXTON	ROBES	28372	KEC	FAY
10	MAXTON	ROBES	28364	KEC	FAY
11	MAXTON	ROBES	28364	KEC	FAY



#	DateOccurred	DateReported	Comm	Reg	ConfRisk
1	November 1, 1995	November 1, 1995	C	R	Low Risk
2	March 15, 2000	March 15, 2000	C	R	Low Risk
3	August 6, 2003	August 6, 2003	C	R	Low Risk
4	March 2, 2005	March 2, 2005	C	R	Low Risk
5	January 26, 2006	January 26, 2006	C	R	Low Risk
6	February 28, 2007	April 25, 2007	C	R	Intermediate Risk
7	July 2, 2007	July 6, 2007	C	R	Intermediate Risk
8	November 19, 2007	November 19, 2007	C	R	Low Risk
9	June 18, 2008	August 5, 2008	C	R	Intermediate Risk
10	September 23, 2017	October 16, 2017	N	N	Low Risk
11	September 13, 2019	September 16, 2019	C	R	Low Risk

#	LandUse	CloseOut	LURFiled	LUR_Resc	LUR_State
1	RES	January 16, 1999	No Data	No Data	No Data
2	RES	June 5, 2000	No Data	No Data	No Data
3	RES	November 23, 2020	No Data	No Data	No Data
4	No Data	March 26, 2013	March 8, 2013	No Data	G
5	No Data	June 21, 2016	No Data	No Data	No Data
6	RES	No Data	No Data	No Data	No Data
7	RES	No Data	No Data	No Data	No Data
8	RES	September 8, 2021	May 10, 2021	No Data	G
9	No Data	No Data	No Data	No Data	No Data
10	RES	March 26, 2018	November 1, 2017	No Data	B
11	RES	January 7, 2020	No Data	No Data	No Data

#	CurrStatus	CDNum	RRADate	RRARisk	RRARankCURR
1	A	98	No Data	No Data	0
2	A	98	No Data	No Data	0
3	C	0	November 23, 2020	L	40
4	A	593	July 10, 2006	I	180
5	A	0	June 21, 2016	L	155
6	C	0	January 4, 2023	I	170
7	C	0	March 9, 2022	I	225
8	C	0	June 18, 2008	H	270
9	C	0	March 12, 2021	I	215
10	C	No Data	November 3, 2017	L	105
11	C	No Data	January 7, 2020	L	175

#	RRAAbate	LatDec	LongDec	Count
1	No Data	34.735526	-79.349070	1
2	No Data	34.737700	-79.355400	1
3	R	34.737222	-79.348055	1
4	R	34.736130	-79.349460	1
5	A	34.739397	-79.351116	1
6	A	34.736186	-79.350762	1
7	A	34.736177	-79.348394	1
8	D	34.738220	-79.348950	1
9	A	34.743739	-79.345323	1
10	D	34.744022	-79.336128	1
11	A	34.743397	-79.344856	1

### Above Ground Storage Tank Incidents

#	IncidentNumber	USTNum	IncidentName	FacilID	Address
1	92439	FA-88478	Oak Island Transport	No Data	I-74 Near Highway 71 Exit

#	CityTown	County	ZipCode	Mgr	ROCode
1	Maxton	ROBES	28364	NPM	FAY

#	DateOccurred	DateReported	Comm	Reg	ConfRisk
1	1527206400000	1527292800000	No Data	N	Low Risk

#	LandUse	CloseOut	LURFiled	LUR_Resc	LUR_State
1	RES	1536105600000	No Data	No Data	No Data

#	CurrStatus	CDNum	RRADate	RRARisk	RRAAbate
1	C	0	No Data	No Data	No Data

#	RRA_Rank	LatDec	LongDec	Count
1	0.00	34.745083	-79.334666	1

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**Maxton Sewer Lift Station No. 7**  
**904 US 74 BUS, Maxton, NC 28364**

## EJScreen Report (Version 2.1)

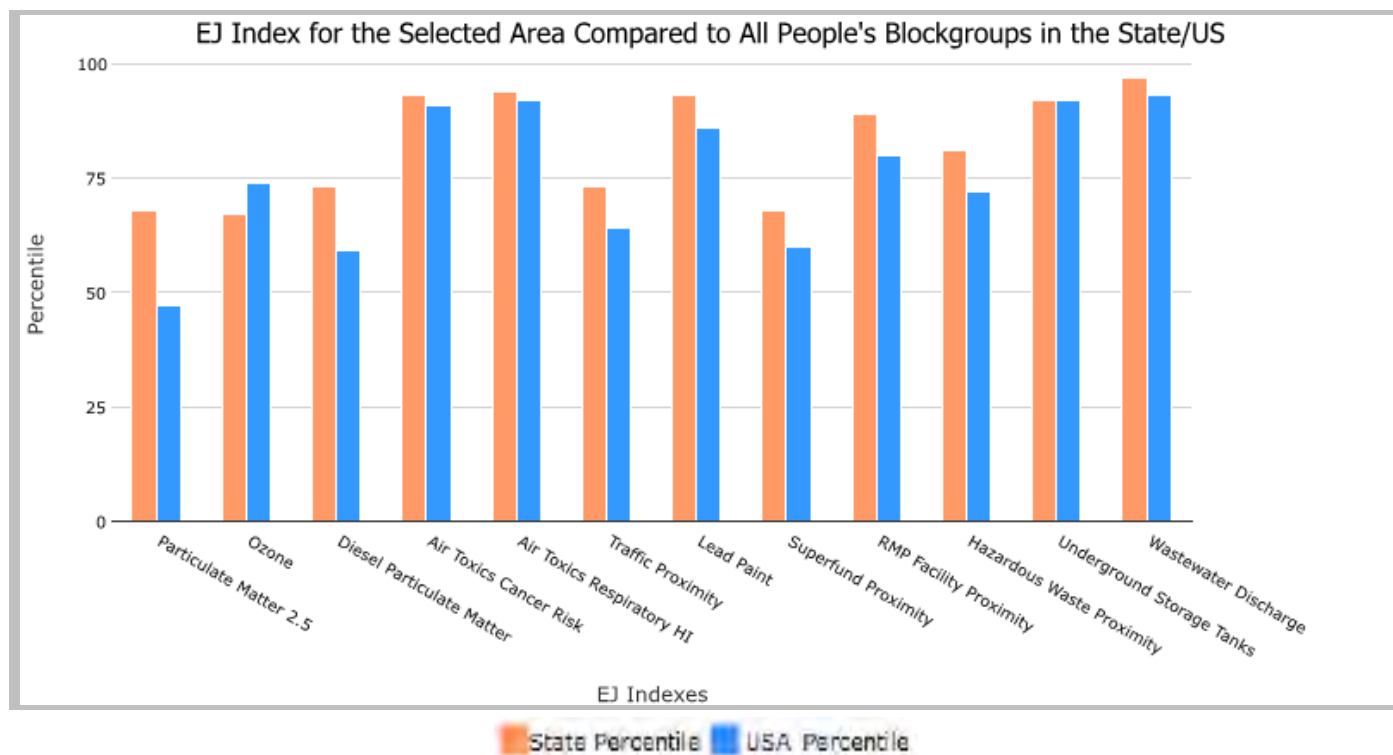
1 mile Ring around the Area, NORTH CAROLINA, EPA Region 4

Approximate Population: 1,770

Input Area (sq. miles): 3.24

Maxton SLS No. 7, 904 US 74 Business

Selected Variables	State Percentile	USA Percentile
<b>Environmental Justice Indexes</b>		
EJ Index for Particulate Matter 2.5	68	47
EJ Index for Ozone	67	74
EJ Index for Diesel Particulate Matter*	73	59
EJ Index for Air Toxics Cancer Risk*	93	91
EJ Index for Air Toxics Respiratory HI*	94	92
EJ Index for Traffic Proximity	73	64
EJ Index for Lead Paint	93	86
EJ Index for Superfund Proximity	68	60
EJ Index for RMP Facility Proximity	89	80
EJ Index for Hazardous Waste Proximity	81	72
EJ Index for Underground Storage Tanks	92	92
EJ Index for Wastewater Discharge	97	93



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: 1,770**

**Input Area (sq. miles): 3.24**

**Maxton SLS No. 7, 904 US 74 Business**



January 28, 2023

Maxton SLS No. 7, 904 US 74 Business

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 2.1)



1 mile Ring around the Area, NORTH CAROLINA, EPA Region 4

Approximate Population: 1,770

Input Area (sq. miles): 3.24

Maxton SLS No. 7, 904 US 74 Business

Selected Variables	Value	State Avg.	%ile in State	USA Avg.	%ile in USA
<b>Pollution and Sources</b>					
Particulate Matter 2.5 ( $\mu\text{g}/\text{m}^3$ )	7.14	7.67	28	8.67	15
Ozone (ppb)	40.3	41.5	26	42.5	34
Diesel Particulate Matter* ( $\mu\text{g}/\text{m}^3$ )	0.13	0.178	35	0.294	<50th
Air Toxics Cancer Risk* (lifetime risk per million)	30	28	95	28	80-90th
Air Toxics Respiratory HI*	0.4	0.36	94	0.36	80-90th
Traffic Proximity (daily traffic count/distance to road)	74	400	39	760	29
Lead Paint (% Pre-1960 Housing)	0.25	0.15	73	0.27	53
Superfund Proximity (site count/km distance)	0.024	0.08	28	0.13	22
RMP Facility Proximity (facility count/km distance)	0.29	0.41	66	0.77	48
Hazardous Waste Proximity (facility count/km distance)	0.29	0.83	48	2.2	37
Underground Storage Tanks (count/km <sup>2</sup> )	5.5	3.9	78	3.9	79
Wastewater Discharge (toxicity-weighted concentration/m distance)	0.076	0.28	89	12	83
<b>Socioeconomic Indicators</b>					
Demographic Index	72%	35%	92	35%	91
People of Color	87%	37%	93	40%	87
Low Income	57%	33%	85	30%	86
Unemployment Rate	16%	5%	92	5%	92
Limited English Speaking Households	0%	2%	0	5%	0
Less Than High School Education	21%	11%	81	12%	81
Under Age 5	8%	6%	75	6%	73
Over Age 64	14%	16%	41	16%	44

\*Diesel particulate matter, air toxics cancer risk, and air toxics respiratory hazard index are from the EPA's 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](http://www.epa.gov/environmentaljustice)

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Location: User-specified polygonal location  
Ring (buffer): 1-miles radius  
Description: Maxton SLS No. 7, 904 US 74 Business

Summary of ACS Estimates		2016 - 2020
Population		1,770
Population Density (per sq. mile)		560
People of Color Population		1,547
% People of Color Population		87%
Households		801
Housing Units		978
Housing Units Built Before 1950		137
Per Capita Income		13,124
Land Area (sq. miles) (Source: SF1)		3.16
% Land Area		98%
Water Area (sq. miles) (Source: SF1)		0.06
% Water Area		2%

	2016 - 2020 ACS Estimates	Percent	MOE (±)
<b>Population by Race</b>			
Total	1,770	100%	233
Population Reporting One Race	1,751	99%	572
White	236	13%	155
Black	1,131	64%	215
American Indian	377	21%	145
Asian	6	0%	26
Pacific Islander	1	0%	18
Some Other Race	1	0%	13
Population Reporting Two or More Races	19	1%	47
Total Hispanic Population	25	1%	34
Total Non-Hispanic Population	1,745		
White Alone	224	13%	150
Black Alone	1,121	63%	215
American Indian Alone	375	21%	145
Non-Hispanic Asian Alone	6	0%	26
Pacific Islander Alone	0	0%	13
Other Race Alone	0	0%	13
Two or More Races Alone	19	1%	47
<b>Population by Sex</b>			
Male	843	48%	189
Female	927	52%	134
<b>Population by Age</b>			
Age 0-4	138	8%	101
Age 0-17	444	25%	106
Age 18+	1,327	75%	219
Age 65+	248	14%	65

**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) 2016 - 2020

Location: User-specified polygonal location

Ring (buffer): 1-miles radius

Description: Maxton SLS No. 7, 904 US 74 Business

	2016 - 2020 ACS Estimates	Percent	MOE (±)
<b>Population 25+ by Educational Attainment</b>			
Total	1,167	100%	200
Less than 9th Grade	44	4%	81
9th - 12th Grade, No Diploma	197	17%	105
High School Graduate	390	33%	121
Some College, No Degree	333	29%	79
Associate Degree	86	7%	47
Bachelor's Degree or more	116	10%	76
<b>Population Age 5+ Years by Ability to Speak English</b>			
Total	1,632	100%	227
Speak only English	1,597	98%	221
Non-English at Home <sup>1+2+3+4</sup>	35	2%	50
<sup>1</sup> Speak English "very well"	21	1%	55
<sup>2</sup> Speak English "well"	12	1%	34
<sup>3</sup> Speak English "not well"	2	0%	23
<sup>4</sup> Speak English "not at all"	1	0%	22
<sup>3+4</sup> Speak English "less than well"	3	0%	29
<sup>2+3+4</sup> Speak English "less than very well"	15	1%	43
<b>Linguistically Isolated Households*</b>			
Total	0	0%	13
Speak Spanish	0	0%	13
Speak Other Indo-European Languages	0	0%	13
Speak Asian-Pacific Island Languages	0	0%	13
Speak Other Languages	0	0%	13
<b>Households by Household Income</b>			
Household Income Base	801	100%	98
< \$15,000	298	37%	81
\$15,000 - \$25,000	104	13%	34
\$25,000 - \$50,000	152	19%	44
\$50,000 - \$75,000	130	16%	46
\$75,000 +	117	15%	47
<b>Occupied Housing Units by Tenure</b>			
Total	801	100%	98
Owner Occupied	389	49%	61
Renter Occupied	412	51%	77
<b>Employed Population Age 16+ Years</b>			
Total	1,367	100%	209
In Labor Force	612	45%	100
Civilian Unemployed in Labor Force	97	7%	38
Not In Labor Force	755	55%	179

**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: Maxton SLS No. 7, 904 US 74 Business

	2016 - 2020 ACS Estimates	Percent	MOE (±)
<b>Population by Language Spoken at Home*</b>			
Total (persons age 5 and above)	1,327	100%	527
English	1,311	99%	523
Spanish	10	1%	34
French, Haitian, or Cajun	4	0%	13
German or other West Germanic	0	0%	13
Russian, Polish, or Other Slavic	0	0%	13
Other Indo-European	0	0%	13
Korean	2	0%	7
Chinese (including Mandarin, Cantonese)	0	0%	13
Vietnamese	0	0%	13
Tagalog (including Filipino)	0	0%	13
Other Asian and Pacific Island	0	0%	13
Arabic	0	0%	13
Other and Unspecified	0	0%	13
Total Non-English	16	1%	742

**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) 2016 - 2020.

\*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: Maxton SLS No. 7, 904 US 74 Business

Summary	Census 2010
Population	1,909
Population Density (per sq. mile)	604
People of Color Population	1,560
% People of Color Population	82%
Households	802
Housing Units	908
Land Area (sq. miles)	3.16
% Land Area	98%
Water Area (sq. miles)	0.06
% Water Area	2%

Population by Race	Number	Percent
Total	1,909	-----
Population Reporting One Race	1,881	99%
White	366	19%
Black	1,143	60%
American Indian	353	18%
Asian	3	0%
Pacific Islander	0	0%
Some Other Race	16	1%
Population Reporting Two or More Races	28	1%
Total Hispanic Population	39	2%
Total Non-Hispanic Population	1,870	98%
White Alone	349	18%
Black Alone	1,142	60%
American Indian Alone	348	18%
Non-Hispanic Asian Alone	3	0%
Pacific Islander Alone	0	0%
Other Race Alone	3	0%
Two or More Races Alone	25	1%

Population by Sex	Number	Percent
Male	912	48%
Female	997	52%

Population by Age	Number	Percent
Age 0-4	149	8%
Age 0-17	497	26%
Age 18+	1,412	74%
Age 65+	244	13%

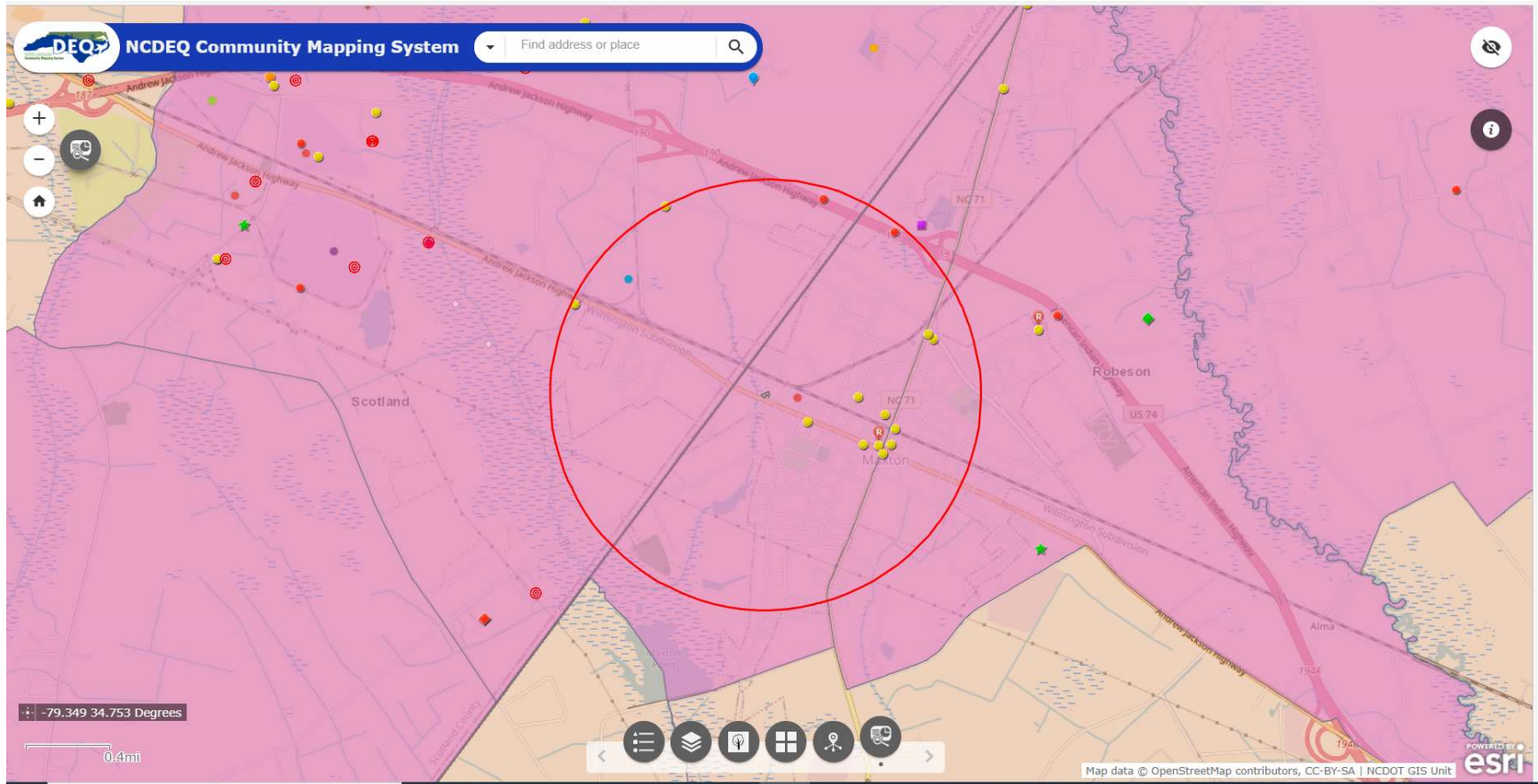
Households by Tenure	Number	Percent
Total	802	
Owner Occupied	426	53%
Renter Occupied	377	47%

**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.



## Maxton SLS No. 7, 904 US 74 Business, Maxton, NC 28364

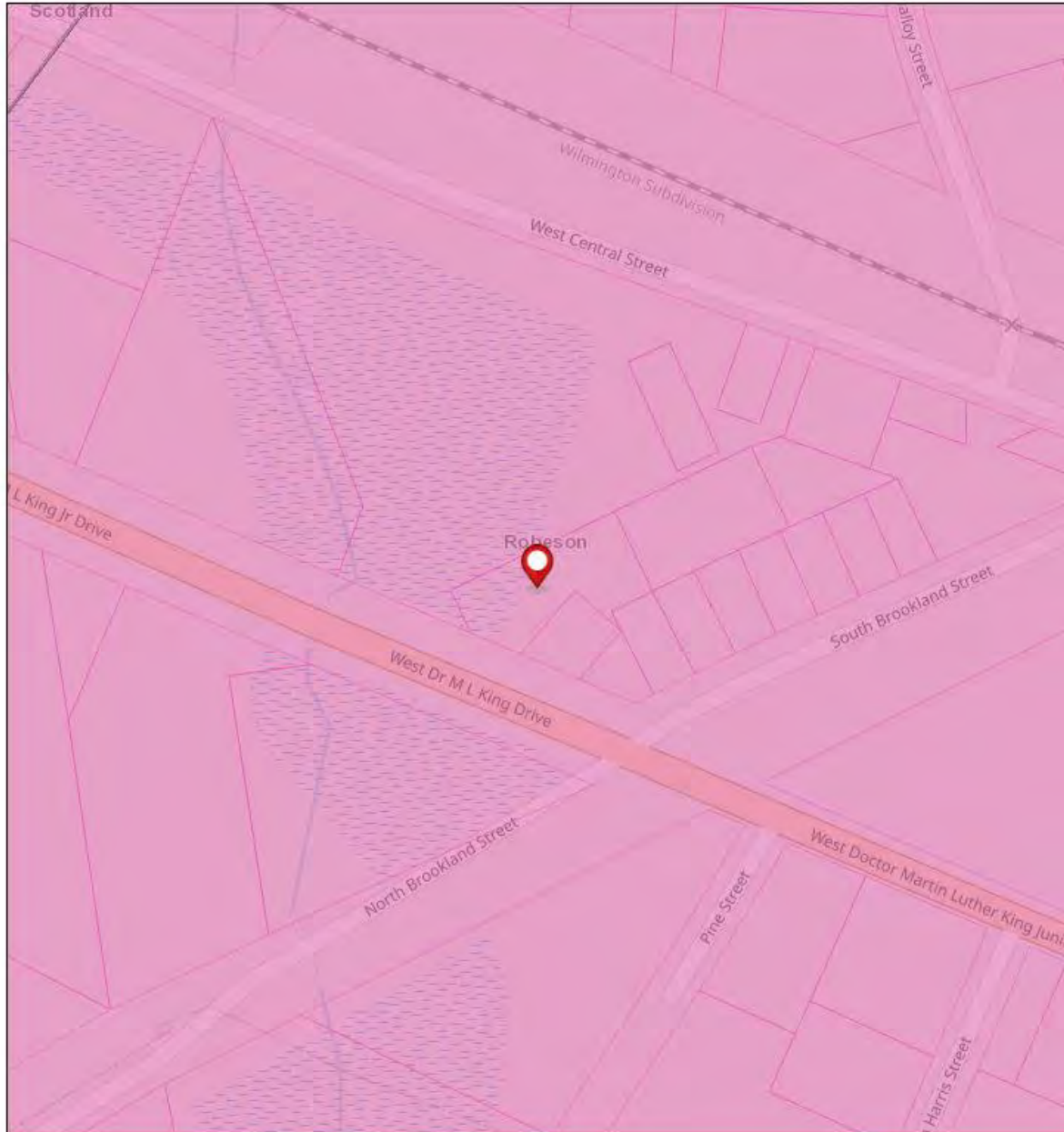


*NCDEQ Community Mapping has been experiencing issues printing reports since December 2022*

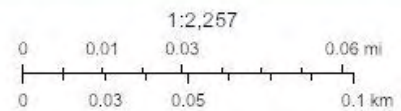


## Area of Interest (AOI) Information

Jan 28 2023 11:29:19 Eastern Standard Time



- Tribal Boundaries
- NC DEQ's Potentially Underserved Block Groups 2019
- County and State
- State Only
- census2017acs - by Block Group
- County Boundary
- Parcels



NC DOT GIS Unit, Map data © OpenStreetMap contributors, CC-BY-SA, NC Center for Geographic Information and Analysis (NCGIA), NC County Governments, US EPA

The full printed report has not been available for all sites and website has been experiencing technical difficulties since December 2022.

## Summary

Name	Count	Area(ft²)	Length(mi)
Air Quality Permit Sites	0	N/A	N/A
NPDES Wastewater Treatment Facility Permits	0	N/A	N/A
Animal Feed Operation Permits (View)	0	N/A	N/A
Solid Waste Septage Sites	0	N/A	N/A
Coal Ash Structural Fills (CCB) (Closed)	0	N/A	N/A
Contaminated Dry-Cleaning Sites	0	N/A	N/A
Land Clearing and Inert Debris (LCID) Notifications	0	N/A	N/A
Pre-Regulatory Landfill Sites	0	N/A	N/A
Brownfields Program Sites	0	N/A	N/A
Hazardous Waste Sites	0	N/A	N/A
Underground Storage Tank Incidents	0	N/A	N/A
Above Ground Storage Tank Incidents	0	N/A	N/A
Underground Storage Tank Active Facilities	0	N/A	N/A
Petroleum Contaminated Soil Remediation Permits	0	N/A	N/A
NPDES Stormwater Permits	0	N/A	N/A
Permitted Solid Waste Landfills (Open and Closed)	0	N/A	N/A
Federal Remediation Branch	0	N/A	N/A
NC Mining Permits	0	N/A	N/A

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**Maxton Sewer Lift Station No. 10**  
**627 NC Highway 71N, Maxton, NC 28364**

## EJScreen Report (Version 2.1)



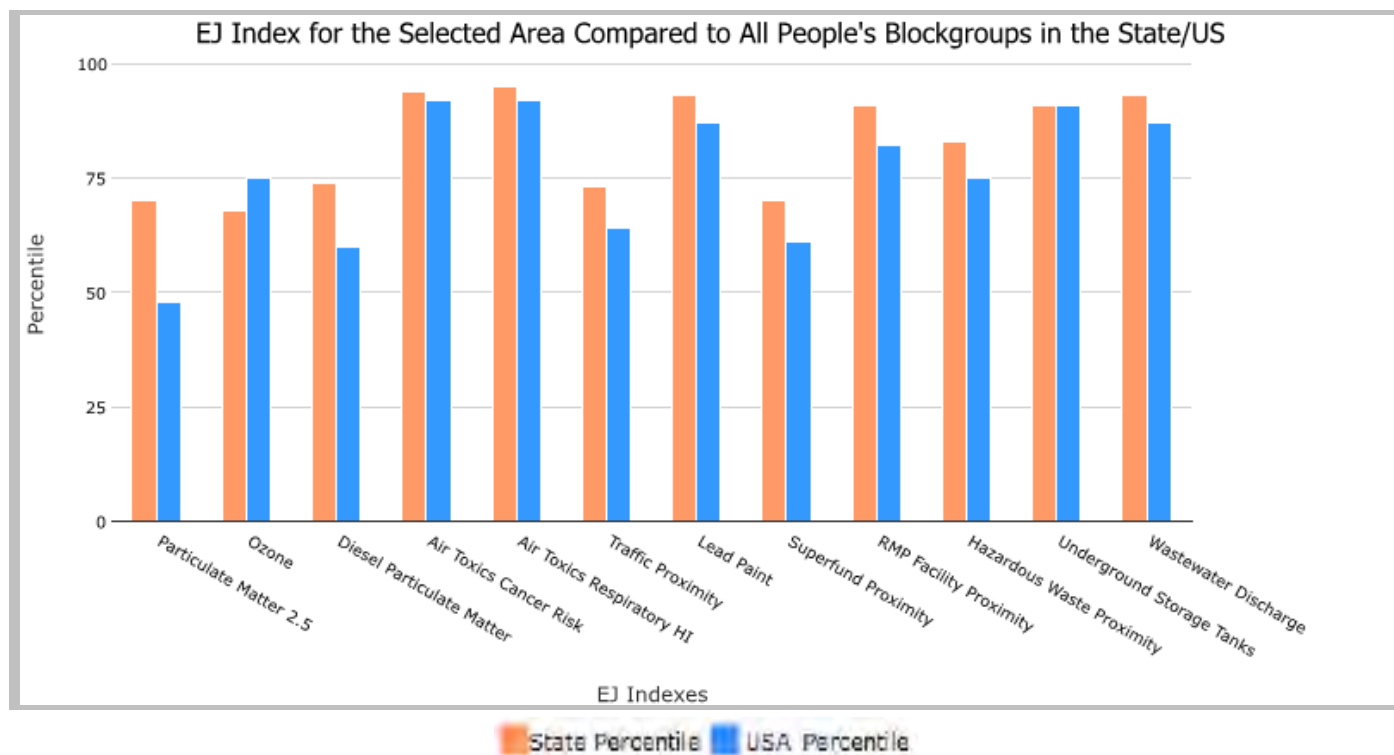
1 mile Ring around the Area, NORTH CAROLINA, EPA Region 4

Approximate Population: 464

Input Area (sq. miles): 3.24

Maxton SLS No. 10, 627 NC Highway 71N

Selected Variables	State Percentile	USA Percentile
<b>Environmental Justice Indexes</b>		
EJ Index for Particulate Matter 2.5	70	48
EJ Index for Ozone	68	75
EJ Index for Diesel Particulate Matter*	74	60
EJ Index for Air Toxics Cancer Risk*	94	92
EJ Index for Air Toxics Respiratory HI*	95	92
EJ Index for Traffic Proximity	73	64
EJ Index for Lead Paint	93	87
EJ Index for Superfund Proximity	70	61
EJ Index for RMP Facility Proximity	91	82
EJ Index for Hazardous Waste Proximity	83	75
EJ Index for Underground Storage Tanks	91	91
EJ Index for Wastewater Discharge	93	87



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.

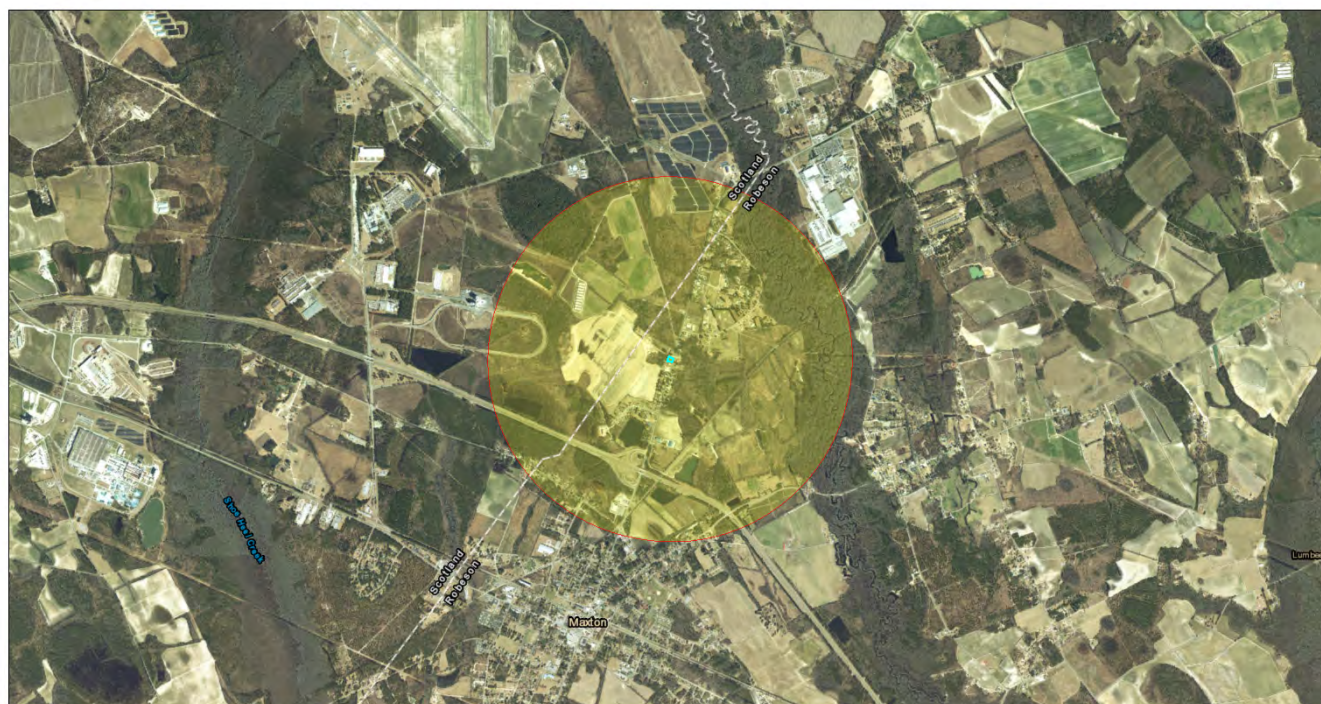


1 mile Ring around the Area, NORTH CAROLINA, EPA Region 4

Approximate Population: 464

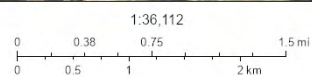
Input Area (sq. miles): 3.24

Maxton SLS No. 10, 627 NC Highway 71N



January 28, 2023

- Maxton SLS No. 10, 627 NC Highway 71N
- town of maxton sewer lift station generators - sls no



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 2.1)



1 mile Ring around the Area, NORTH CAROLINA, EPA Region 4

Approximate Population: 464

Input Area (sq. miles): 3.24

Maxton SLS No. 10, 627 NC Highway 71N

Selected Variables	Value	State Avg.	%ile in State	USA Avg.	%ile in USA
<b>Pollution and Sources</b>					
Particulate Matter 2.5 ( $\mu\text{g}/\text{m}^3$ )	7.14	7.67	28	8.67	15
Ozone (ppb)	40.3	41.5	26	42.5	34
Diesel Particulate Matter* ( $\mu\text{g}/\text{m}^3$ )	0.13	0.178	35	0.294	<50th
Air Toxics Cancer Risk* (lifetime risk per million)	30	28	95	28	80-90th
Air Toxics Respiratory HI*	0.4	0.36	94	0.36	80-90th
Traffic Proximity (daily traffic count/distance to road)	70	400	39	760	28
Lead Paint (% Pre-1960 Housing)	0.26	0.15	75	0.27	54
Superfund Proximity (site count/km distance)	0.024	0.08	28	0.13	22
RMP Facility Proximity (facility count/km distance)	0.32	0.41	68	0.77	50
Hazardous Waste Proximity (facility count/km distance)	0.32	0.83	50	2.2	39
Underground Storage Tanks (count/km <sup>2</sup> )	4.2	3.9	73	3.9	73
Wastewater Discharge (toxicity-weighted concentration/m distance)	0.047	0.28	88	12	80
<b>Socioeconomic Indicators</b>					
Demographic Index	74%	35%	93	35%	92
People of Color	89%	37%	94	40%	88
Low Income	60%	33%	87	30%	88
Unemployment Rate	14%	5%	89	5%	89
Limited English Speaking Households	0%	2%	0	5%	0
Less Than High School Education	28%	11%	91	12%	89
Under Age 5	6%	6%	58	6%	56
Over Age 64	15%	16%	45	16%	48

\*Diesel particulate matter, air toxics cancer risk, and air toxics respiratory hazard index are from the EPA's 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>.

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Location: User-specified polygonal location

Ring (buffer): 1-miles radius

Description: Maxton SLS No. 10, 627 NC Highway 71N

Summary of ACS Estimates		2016 - 2020	
Population		464	
Population Density (per sq. mile)		122	
People of Color Population		413	
% People of Color Population		89%	
Households		149	
Housing Units		187	
Housing Units Built Before 1950		29	
Per Capita Income		14,401	
Land Area (sq. miles) (Source: SF1)		3.79	
% Land Area		99%	
Water Area (sq. miles) (Source: SF1)		0.05	
% Water Area		1%	
	2016 - 2020 ACS Estimates	Percent	MOE (±)
Population by Race			
Total	464	100%	233
Population Reporting One Race	452	97%	572
White	56	12%	155
Black	256	55%	215
American Indian	139	30%	145
Asian	1	0%	26
Pacific Islander	0	0%	18
Some Other Race	0	0%	13
Population Reporting Two or More Races	12	3%	47
Total Hispanic Population	6	1%	34
Total Non-Hispanic Population	458		
White Alone	52	11%	150
Black Alone	255	55%	215
American Indian Alone	138	30%	145
Non-Hispanic Asian Alone	1	0%	26
Pacific Islander Alone	0	0%	13
Other Race Alone	0	0%	13
Two or More Races Alone	12	3%	47
Population by Sex			
Male	211	45%	189
Female	254	55%	134
Population by Age			
Age 0-4	26	6%	57
Age 0-17	109	23%	91
Age 18+	356	77%	219
Age 65+	70	15%	65

**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) 2016 - 2020

Location: User-specified polygonal location

Ring (buffer): 1-miles radius

Description: Maxton SLS No. 10, 627 NC Highway 71N

	2016 - 2020 ACS Estimates	Percent	MOE (±)
<b>Population 25+ by Educational Attainment</b>			
Total	312	100%	200
Less than 9th Grade	20	6%	81
9th - 12th Grade, No Diploma	67	21%	105
High School Graduate	88	28%	121
Some College, No Degree	89	28%	79
Associate Degree	24	8%	47
Bachelor's Degree or more	25	8%	76
<b>Population Age 5+ Years by Ability to Speak English</b>			
Total	438	100%	227
Speak only English	433	99%	221
Non-English at Home <sup>1+2+3+4</sup>	6	1%	50
<sup>1</sup> Speak English "very well"	3	1%	55
<sup>2</sup> Speak English "well"	2	0%	34
<sup>3</sup> Speak English "not well"	0	0%	23
<sup>4</sup> Speak English "not at all"	0	0%	22
<sup>3+4</sup> Speak English "less than well"	1	0%	29
<sup>2+3+4</sup> Speak English "less than very well"	2	1%	43
<b>Linguistically Isolated Households*</b>			
Total	0	0%	13
Speak Spanish	0	0%	13
Speak Other Indo-European Languages	0	0%	13
Speak Asian-Pacific Island Languages	0	0%	13
Speak Other Languages	0	0%	13
<b>Households by Household Income</b>			
Household Income Base	149	100%	98
< \$15,000	50	33%	81
\$15,000 - \$25,000	18	12%	34
\$25,000 - \$50,000	37	25%	44
\$50,000 - \$75,000	22	15%	46
\$75,000 +	22	15%	47
<b>Occupied Housing Units by Tenure</b>			
Total	149	100%	98
Owner Occupied	77	51%	61
Renter Occupied	73	49%	77
<b>Employed Population Age 16+ Years</b>			
Total	365	100%	209
In Labor Force	162	44%	100
Civilian Unemployed in Labor Force	22	6%	38
Not In Labor Force	203	56%	179

**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: Maxton SLS No. 10, 627 NC Highway 71N

	2016 - 2020 ACS Estimates	Percent	MOE (±)
<b>Population by Language Spoken at Home*</b>			
Total (persons age 5 and above)	874	100%	527
English	863	99%	523
Spanish	7	1%	34
French, Haitian, or Cajun	3	0%	13
German or other West Germanic	0	0%	13
Russian, Polish, or Other Slavic	0	0%	13
Other Indo-European	0	0%	13
Korean	1	0%	7
Chinese (including Mandarin, Cantonese)	0	0%	13
Vietnamese	0	0%	13
Tagalog (including Filipino)	0	0%	13
Other Asian and Pacific Island	0	0%	13
Arabic	0	0%	13
Other and Unspecified	0	0%	13
Total Non-English	10	1%	742

**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) 2016 - 2020.

\*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: Maxton SLS No. 10, 627 NC Highway 71N

Summary	Census 2010
Population	447
Population Density (per sq. mile)	117
People of Color Population	375
% People of Color Population	84%
Households	153
Housing Units	177
Land Area (sq. miles)	3.81
% Land Area	100%
Water Area (sq. miles)	0.02
% Water Area	0%

Population by Race	Number	Percent
Total	447	-----
Population Reporting One Race	441	99%
White	77	17%
Black	267	60%
American Indian	93	21%
Asian	0	0%
Pacific Islander	0	0%
Some Other Race	4	1%
Population Reporting Two or More Races	6	1%
Total Hispanic Population	10	2%
Total Non-Hispanic Population	437	98%
White Alone	72	16%
Black Alone	267	60%
American Indian Alone	92	21%
Non-Hispanic Asian Alone	0	0%
Pacific Islander Alone	0	0%
Other Race Alone	1	0%
Two or More Races Alone	5	1%

Population by Sex	Number	Percent
Male	215	48%
Female	232	52%

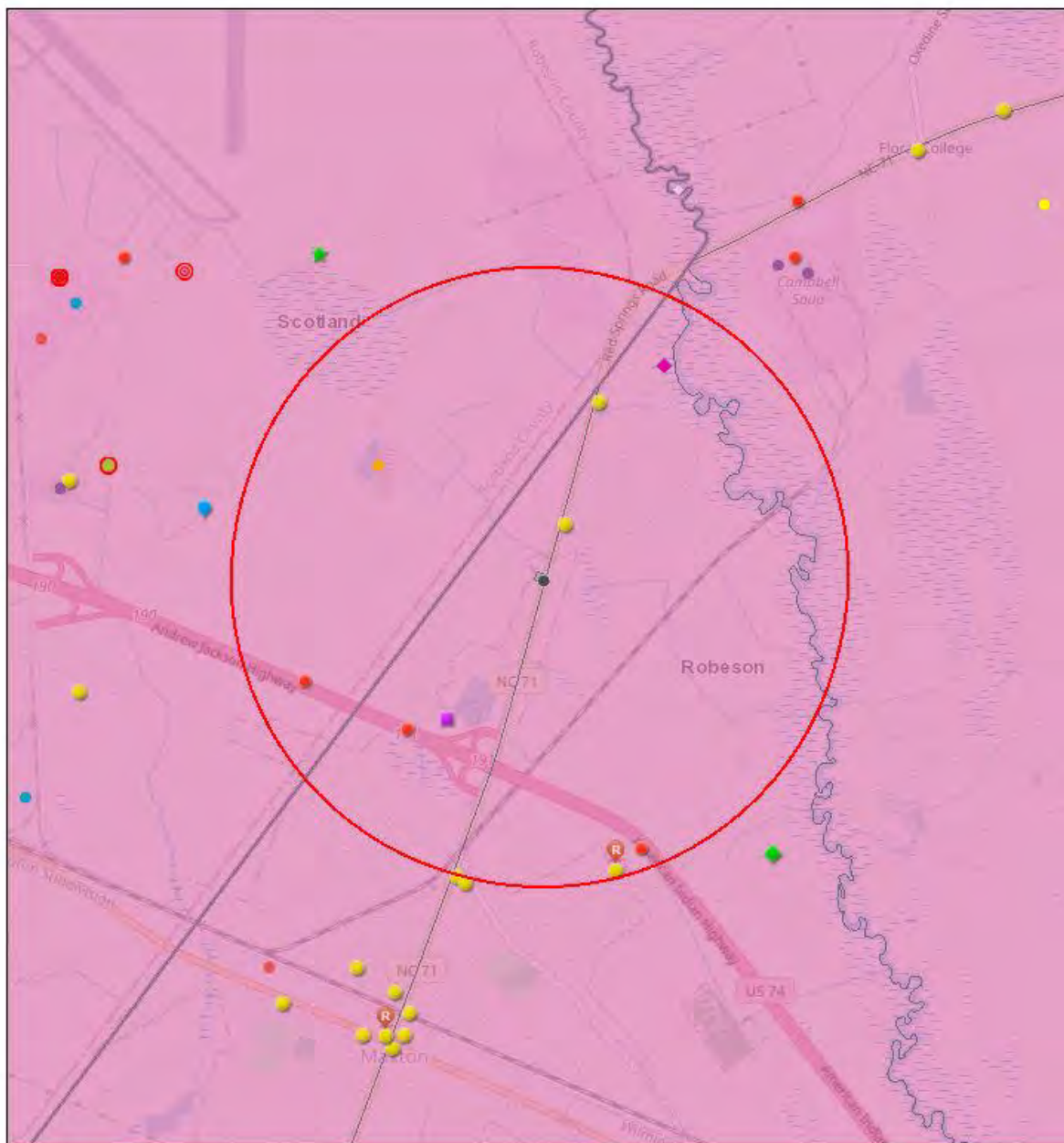
Population by Age	Number	Percent
Age 0-4	36	8%
Age 0-17	118	26%
Age 18+	329	74%
Age 65+	58	13%

Households by Tenure	Number	Percent
Total	153	
Owner Occupied	81	53%
Renter Occupied	72	47%

## Area of Interest (AOI) Information

Area : 90,541,749.75 ft<sup>2</sup>


Jan 28 2023 11:42:38 Eastern Standard Time




Air Quality Permit Sites

-  Title V
-  Synthetic Minor
-  Small
-  Permit Exempt

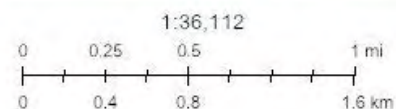
Animal Feed Operation Permits (View)

-  Swine State COC

 NPDES Stormwater Permits

NPDES Wastewater Treatment Facility Permits

-  Major
-  Solid Waste Septage Sites
-  Pre-Regulatory Landfill Sites
-  Brownfields Program Sites
-  Hazardous Waste Sites



NC DOT GIS Unit. Map data © OpenStreetMap contributors. CC-BY-SA

## Summary

Name	Count	Area(ft²)	Length(mi)
Air Quality Permit Sites	0	N/A	N/A
NPDES Wastewater Treatment Facility Permits	1	N/A	N/A
Animal Feed Operation Permits (View)	1	N/A	N/A
Solid Waste Septage Sites	0	N/A	N/A
Coal Ash Structural Fills (CCB) (Closed)	0	N/A	N/A
Contaminated Dry-Cleaning Sites	0	N/A	N/A
Land Clearing and Inert Debris (LCID) Notifications	0	N/A	N/A
Pre-Regulatory Landfill Sites	1	N/A	N/A
Brownfields Program Sites	0	N/A	N/A
Hazardous Waste Sites	0	N/A	N/A
Underground Storage Tank Incidents	3	N/A	N/A
Above Ground Storage Tank Incidents	3	N/A	N/A
Underground Storage Tank Active Facilities	0	N/A	N/A
Petroleum Contaminated Soil Remediation Permits	0	N/A	N/A
NPDES Stormwater Permits	0	N/A	N/A
Permitted Solid Waste Landfills (Open and Closed)	0	N/A	N/A
Federal Remediation Branch	0	N/A	N/A
NC Mining Permits	0	N/A	N/A

## NPDES Wastewater Treatment Facility Permits

#	FACILITY	PERMIT_ID	OWNER	PERMIT_TYPE	PERMIT_STATUS
1	Laurinburg Industrial WWTP		Laurinburg-Maxton Airport Commission	Municipal Wastewater Discharge, Large	Expired

#	ORIGINAL_ISSUED_DT	PERMIT_EFFECTIVE_DATE	PERMIT_EXPIRATION_DT	FACILITY_ACTIVE	FACILITY_STATUS
1	3/10/1981, 7:00 PM	10/31/2016, 8:00 PM	7/30/2019, 8:00 PM	1	Active

#	OWNER_TYPE	MAJOR	COUNTY	REGION	ASBUILTFLOW_QTYGPD	URL	Count
1	Government - Municipal	Major	Scotland	Fayetteville	2,000,000	<a href="https://edocs.deq.nc.gov/WaterResources/Search.aspx?dbid=0&amp;searchcommand={LF:Basic~=NC0044725}">https://edocs.deq.nc.gov/WaterResources/Search.aspx?dbid=0&amp;searchcommand={LF:Basic~=NC0044725}</a>	1

## Animal Feed Operation Permits (View)

#	FACILITY	OWNER	PERMIT_ID	PERMIT_TYPE	PERMIT_STATUS
1	Farm 5070	Murphy-Brown LLC		Swine State COC	Active

#	ORIGINAL_ISSUED_DT	PERMIT_EFFECTIVE_DATE	PERMIT_EXPIRATION_DT	FACILITY_STATUS	OWNER_TYPE
1	8/25/1997	9/30/2019	9/29/2024	Active	Non-Government

#	COUNTY	REGION	LAST_INSPECTION_DT	DESC_	ALLOW_COUNT
1	Scotland	Fayetteville	2/7/2022	Swine - Feeder to Finish	8800

#	TOTAL_LIVE_WEIGHT	URL	Count
1	1188000	<a href="https://edocs.deq.nc.gov/WaterResources/Search.aspx?dbid=0&amp;searchcommand={LF:Basic~=AWS830035}">https://edocs.deq.nc.gov/WaterResources/Search.aspx?dbid=0&amp;searchcommand={LF:Basic~=AWS830035}</a>	1

## Pre-Regulatory Landfill Sites

#	SITECOUNTY	SITENAME	SITEADDR	SITECITY	EPAID
1	Robeson	Maxton Dump	US 74-Bypass & NC 71	Maxton	NONCD0000524

#	Doc_Link	LATITUDE	LONGITUDE	Geolocatio	GEOLOC_COD
1	<a href="https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&amp;searchcommand={WM:[Program_ID]=%22*NONCD0000524*%22}">https://edocs.deq.nc.gov/WasteManagement/Search.aspx?dbid=0&amp;searchcommand={WM:[Program_ID]=%22*NONCD0000524*%22}</a>	34.751234	-79.345936		12

#	source	Update_Dat	Count
1	No Data	11/21/2022	1

## Underground Storage Tank Incidents

#	IncidentNumber	USTNum	IncidentName	FacilID	Address
1	9897	FA-523	SAM BRYANT PROPERTY (former DIALS GROCERY)	00-0-0000018544	1234 HIGHWAY 71 NORTH
2	42083	FA-7810	ELIZABETH ODOM RESIDENCE	No Data	804 MCCASKILL AVENUE
3	47284	FA-27997	ORPHANED GASOLINE UST (DOLLAR GENERAL)	No Data	826 NC HWY. 71 NORTH

#	CityTown	County	ZipCode	Mgr	ROCode
1	MAXTON	ROBES	28364	BAR	FAY
2	MAXTON	ROBES	28364	KEC	FAY
3	MAXTON	ROBES	28364	KEC	FAY

#	DateOccurred	DateReported	Comm	Reg	ConfRisk
1	February 23, 1993	February 23, 1993	C	R	Low Risk
2	September 23, 2017	October 16, 2017	N	N	Low Risk
3	August 31, 2020	September 15, 2020	C	R	Low Risk

#	LandUse	CloseOut	LURFiled	LUR_Resc	LUR_State
1	RES	September 14, 2020	<i>No Data</i>	<i>No Data</i>	<i>No Data</i>
2	RES	March 26, 2018	November 1, 2017	<i>No Data</i>	B
3	RES	September 29, 2020	<i>No Data</i>	<i>No Data</i>	<i>No Data</i>

#	CurrStatus	CDNum	RRADate	RRARisk	RRARankCURR
1	C	0	<i>No Data</i>	<i>No Data</i>	0
2	C	<i>No Data</i>	November 3, 2017	L	105
3	C	<i>No Data</i>	<i>No Data</i>	<i>No Data</i>	0

#	RRAAbate	LatDec	LongDec	Count
1	<i>No Data</i>	34.766278	-79.337096	1
2	D	34.744022	-79.336128	1
3	<i>No Data</i>	34.760487	-79.339080	1

## Above Ground Storage Tank Incidents

#	IncidentNumber	USTNum	IncidentName	FacilID	Address
1	90189	FA-88374	SCHNEIDER TRUCK ACCIDENT	<i>No Data</i>	US HWY. 74 WEST (MM 189-190)
2	92434	FA-88470	Maxton Disel Release	<i>No Data</i>	Mile Marker 191
3	92439	FA-88478	Oak Island Transport	<i>No Data</i>	I-74 Near Highway 71 Exit

#	CityTown	County	ZipCode	Mgr	ROCode
1	MAXTON	SCOTL	28364	KEC	FAY
2	Maxton	ROBES	28364	SBB	FAY
3	Maxton	ROBES	28364	NPM	FAY

#	DateOccurred	DateReported	Comm	Reg	ConfRisk
1	1441065600000	1441756800000	<i>No Data</i>	<i>No Data</i>	Low Risk
2	1524614400000	1524614400000	<i>No Data</i>	R	Low Risk
3	1527206400000	1527292800000	<i>No Data</i>	N	Low Risk

#	LandUse	CloseOut	LURFiled	LUR_Resc	LUR_State
1	<i>No Data</i>	1448409600000	<i>No Data</i>	<i>No Data</i>	<i>No Data</i>
2	<i>No Data</i>	1527120000000	<i>No Data</i>	<i>No Data</i>	<i>No Data</i>
3	RES	1536105600000	<i>No Data</i>	<i>No Data</i>	<i>No Data</i>

#	CurrStatus	CDNum	RRADate	RRARisk	RRAAbate
1	A	624	<i>No Data</i>	<i>No Data</i>	<i>No Data</i>
2	C	0	<i>No Data</i>	<i>No Data</i>	<i>No Data</i>
3	C	0	<i>No Data</i>	<i>No Data</i>	<i>No Data</i>

#	RRA_Rank	LatDec	LongDec	Count
1	0.00	34.753055	-79.354166	1
2	0.00	34.750756	-79.348215	1
3	0.00	34.745083	-79.334666	1



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**Maxton Sewer Lift Station No. 11**  
**2074 NC Highway 71N, Maxton, NC 28364**

## EJScreen Report (Version 2.1)

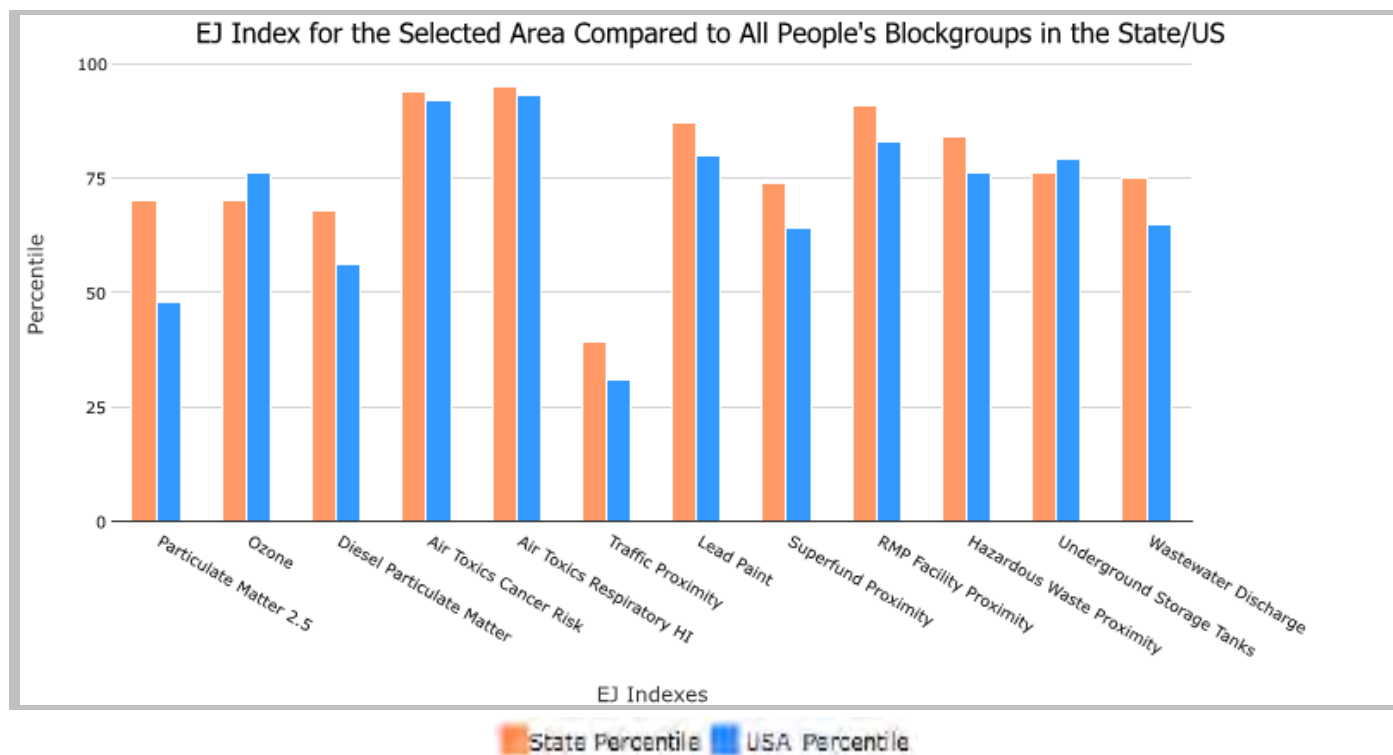
1 mile Ring around the Area, NORTH CAROLINA, EPA Region 4

Approximate Population: 679

Input Area (sq. miles): 3.33

Maxton SLS No. 11, 2074 NC Highway 71N

Selected Variables	State Percentile	USA Percentile
<b>Environmental Justice Indexes</b>		
EJ Index for Particulate Matter 2.5	70	48
EJ Index for Ozone	70	76
EJ Index for Diesel Particulate Matter*	68	56
EJ Index for Air Toxics Cancer Risk*	94	92
EJ Index for Air Toxics Respiratory HI*	95	93
EJ Index for Traffic Proximity	39	31
EJ Index for Lead Paint	87	80
EJ Index for Superfund Proximity	74	64
EJ Index for RMP Facility Proximity	91	83
EJ Index for Hazardous Waste Proximity	84	76
EJ Index for Underground Storage Tanks	76	79
EJ Index for Wastewater Discharge	75	65



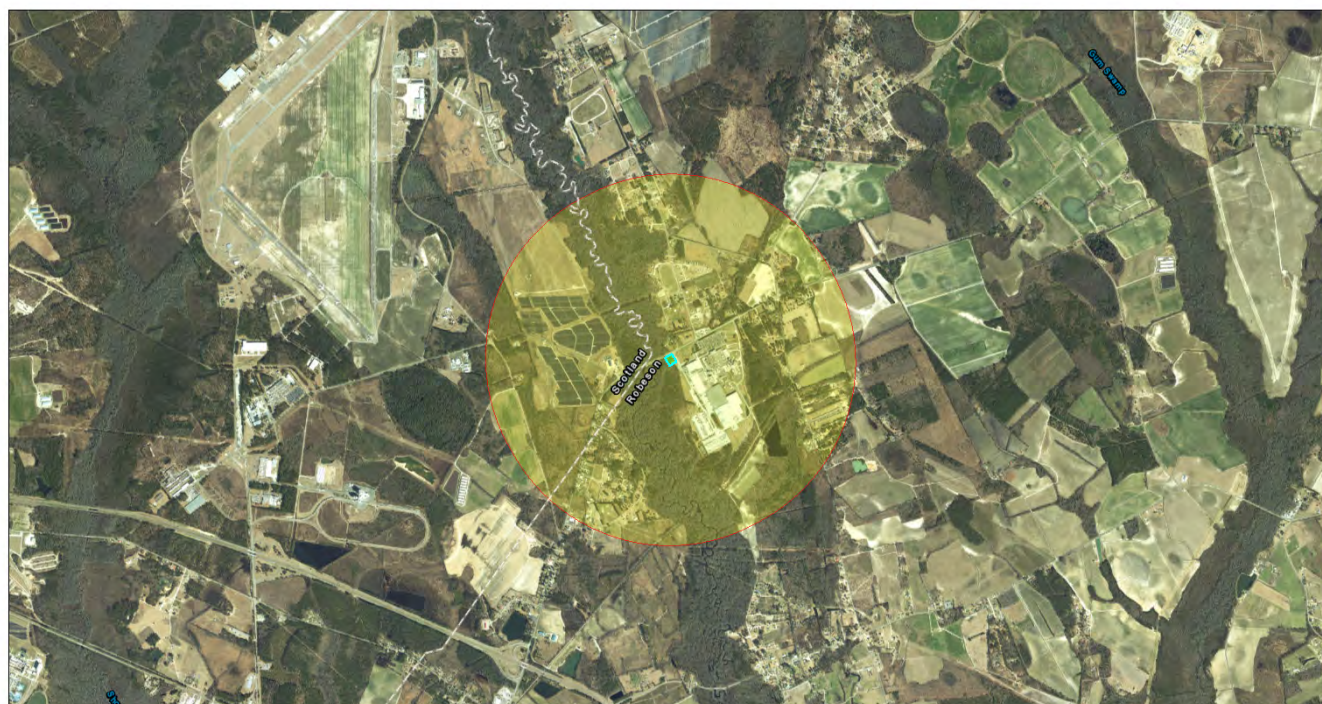
This report shows the values for environmental and demographic indicators and EJSCREEN indexes. It shows environmental and demographic raw data (e.g., the estimated concentration of ozone in the air), and also shows what percentile each raw data value represents. These percentiles provide perspective 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: 679**

**Input Area (sq. miles): 3.33**

**Maxton SLS No. 11, 2074 NC Highway 71N**



January 28, 2023

Maxton SLS No. 11, 2074 NC Highway 71N  
Project 1

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)	1

## EJScreen Report (Version 2.1)



1 mile Ring around the Area, NORTH CAROLINA, EPA Region 4

Approximate Population: 679

Input Area (sq. miles): 3.33

Maxton SLS No. 11, 2074 NC Highway 71N

Selected Variables	Value	State Avg.	%ile in State	USA Avg.	%ile in USA
<b>Pollution and Sources</b>					
Particulate Matter 2.5 ( $\mu\text{g}/\text{m}^3$ )	7.13	7.67	28	8.67	15
Ozone (ppb)	40.5	41.5	27	42.5	34
Diesel Particulate Matter* ( $\mu\text{g}/\text{m}^3$ )	0.12	0.178	30	0.294	<50th
Air Toxics Cancer Risk* (lifetime risk per million)	30	28	95	28	80-90th
Air Toxics Respiratory HI*	0.4	0.36	94	0.36	80-90th
Traffic Proximity (daily traffic count/distance to road)	16	400	18	760	12
Lead Paint (% Pre-1960 Housing)	0.15	0.15	58	0.27	42
Superfund Proximity (site count/km distance)	0.026	0.08	31	0.13	24
RMP Facility Proximity (facility count/km distance)	0.35	0.41	70	0.77	52
Hazardous Waste Proximity (facility count/km distance)	0.36	0.83	51	2.2	40
Underground Storage Tanks (count/km <sup>2</sup> )	1	3.9	46	3.9	48
Wastewater Discharge (toxicity-weighted concentration/m distance)	0.00055	0.28	57	12	44
<b>Socioeconomic Indicators</b>					
Demographic Index	75%	35%	94	35%	92
People of Color	93%	37%	96	40%	91
Low Income	56%	33%	83	30%	85
Unemployment Rate	7%	5%	69	5%	69
Limited English Speaking Households	0%	2%	0	5%	0
Less Than High School Education	25%	11%	88	12%	87
Under Age 5	7%	6%	68	6%	66
Over Age 64	12%	16%	32	16%	35

\*Diesel particulate matter, air toxics cancer risk, and air toxics respiratory hazard index are from the EPA's 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](http://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.



Location: User-specified polygonal location  
Ring (buffer): 1-miles radius  
Description: Maxton SLS No. 11, 2074 NC Highway 71N

Summary of ACS Estimates		2016 - 2020	
Population		679	
Population Density (per sq. mile)		170	
People of Color Population		633	
% People of Color Population		93%	
Households		238	
Housing Units		286	
Housing Units Built Before 1950		24	
Per Capita Income		15,253	
Land Area (sq. miles) (Source: SF1)		4.00	
% Land Area		100%	
Water Area (sq. miles) (Source: SF1)		0.01	
% Water Area		0%	
	2016 - 2020 ACS Estimates	Percent	MOE (±)
<b>Population by Race</b>			
Total	679	100%	447
Population Reporting One Race	661	97%	956
White	47	7%	155
Black	91	13%	215
American Indian	505	74%	452
Asian	18	3%	103
Pacific Islander	0	0%	18
Some Other Race	0	0%	13
Population Reporting Two or More Races	18	3%	64
Total Hispanic Population	1	0%	34
Total Non-Hispanic Population	677		
White Alone	45	7%	150
Black Alone	91	13%	215
American Indian Alone	505	74%	452
Non-Hispanic Asian Alone	18	3%	103
Pacific Islander Alone	0	0%	13
Other Race Alone	0	0%	13
Two or More Races Alone	18	3%	64
<b>Population by Sex</b>			
Male	334	49%	249
Female	345	51%	270
<b>Population by Age</b>			
Age 0-4	46	7%	107
Age 0-17	153	23%	151
Age 18+	526	77%	235
Age 65+	81	12%	82

**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) 2016 - 2020

Location: User-specified polygonal location

Ring (buffer): 1-miles radius

Description: Maxton SLS No. 11, 2074 NC Highway 71N

	2016 - 2020 ACS Estimates	Percent	MOE (±)
<b>Population 25+ by Educational Attainment</b>			
Total	456	100%	242
Less than 9th Grade	22	5%	81
9th - 12th Grade, No Diploma	92	20%	105
High School Graduate	179	39%	180
Some College, No Degree	92	20%	82
Associate Degree	43	9%	73
Bachelor's Degree or more	29	6%	76
<b>Population Age 5+ Years by Ability to Speak English</b>			
Total	633	100%	363
Speak only English	615	97%	338
Non-English at Home <sup>1+2+3+4</sup>	18	3%	78
<sup>1</sup> Speak English "very well"	18	3%	78
<sup>2</sup> Speak English "well"	0	0%	34
<sup>3</sup> Speak English "not well"	0	0%	23
<sup>4</sup> Speak English "not at all"	0	0%	22
<sup>3+4</sup> Speak English "less than well"	0	0%	29
<sup>2+3+4</sup> Speak English "less than very well"	0	0%	43
<b>Linguistically Isolated Households*</b>			
Total	0	0%	13
Speak Spanish	0	0%	13
Speak Other Indo-European Languages	0	0%	13
Speak Asian-Pacific Island Languages	0	0%	13
Speak Other Languages	0	0%	13
<b>Households by Household Income</b>			
Household Income Base	238	100%	109
< \$15,000	44	19%	81
\$15,000 - \$25,000	36	15%	56
\$25,000 - \$50,000	71	30%	94
\$50,000 - \$75,000	59	25%	74
\$75,000 +	28	12%	48
<b>Occupied Housing Units by Tenure</b>			
Total	238	100%	109
Owner Occupied	191	80%	106
Renter Occupied	47	20%	77
<b>Employed Population Age 16+ Years</b>			
Total	534	100%	312
In Labor Force	288	54%	214
Civilian Unemployed in Labor Force	19	4%	97
Not In Labor Force	247	46%	197

**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: Maxton SLS No. 11, 2074 NC Highway 71N

	2016 - 2020 ACS Estimates	Percent	MOE (±)
<b>Population by Language Spoken at Home*</b>			
Total (persons age 5 and above)	N/A	N/A	N/A
English	N/A	N/A	N/A
Spanish	N/A	N/A	N/A
French, Haitian, or Cajun	N/A	N/A	N/A
German or other West Germanic	N/A	N/A	N/A
Russian, Polish, or Other Slavic	N/A	N/A	N/A
Other Indo-European	N/A	N/A	N/A
Korean	N/A	N/A	N/A
Chinese (including Mandarin, Cantonese)	N/A	N/A	N/A
Vietnamese	N/A	N/A	N/A
Tagalog (including Filipino)	N/A	N/A	N/A
Other Asian and Pacific Island	N/A	N/A	N/A
Arabic	N/A	N/A	N/A
Other and Unspecified	N/A	N/A	N/A
Total Non-English	N/A	N/A	N/A

**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) 2016 - 2020.

\*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: Maxton SLS No. 11, 2074 NC Highway 71N

Summary	Census 2010
Population	889
Population Density (per sq. mile)	242
People of Color Population	822
% People of Color Population	92%
Households	312
Housing Units	342
Land Area (sq. miles)	3.68
% Land Area	100%
Water Area (sq. miles)	0.00
% Water Area	0%

Population by Race	Number	Percent
Total	889	-----
Population Reporting One Race	870	98%
White	73	8%
Black	135	15%
American Indian	658	74%
Asian	1	0%
Pacific Islander	0	0%
Some Other Race	4	0%
Population Reporting Two or More Races	19	2%
Total Hispanic Population	20	2%
Total Non-Hispanic Population	869	98%
White Alone	67	8%
Black Alone	134	15%
American Indian Alone	651	73%
Non-Hispanic Asian Alone	1	0%
Pacific Islander Alone	0	0%
Other Race Alone	0	0%
Two or More Races Alone	17	2%

Population by Sex	Number	Percent
Male	439	49%
Female	450	51%

Population by Age	Number	Percent
Age 0-4	80	9%
Age 0-17	272	31%
Age 18+	617	69%
Age 65+	73	8%

Households by Tenure	Number	Percent
Total	312	
Owner Occupied	232	74%
Renter Occupied	80	26%

**Data Note:** Detail may not sum to totals due to rounding. Hispanic population can be of any race.

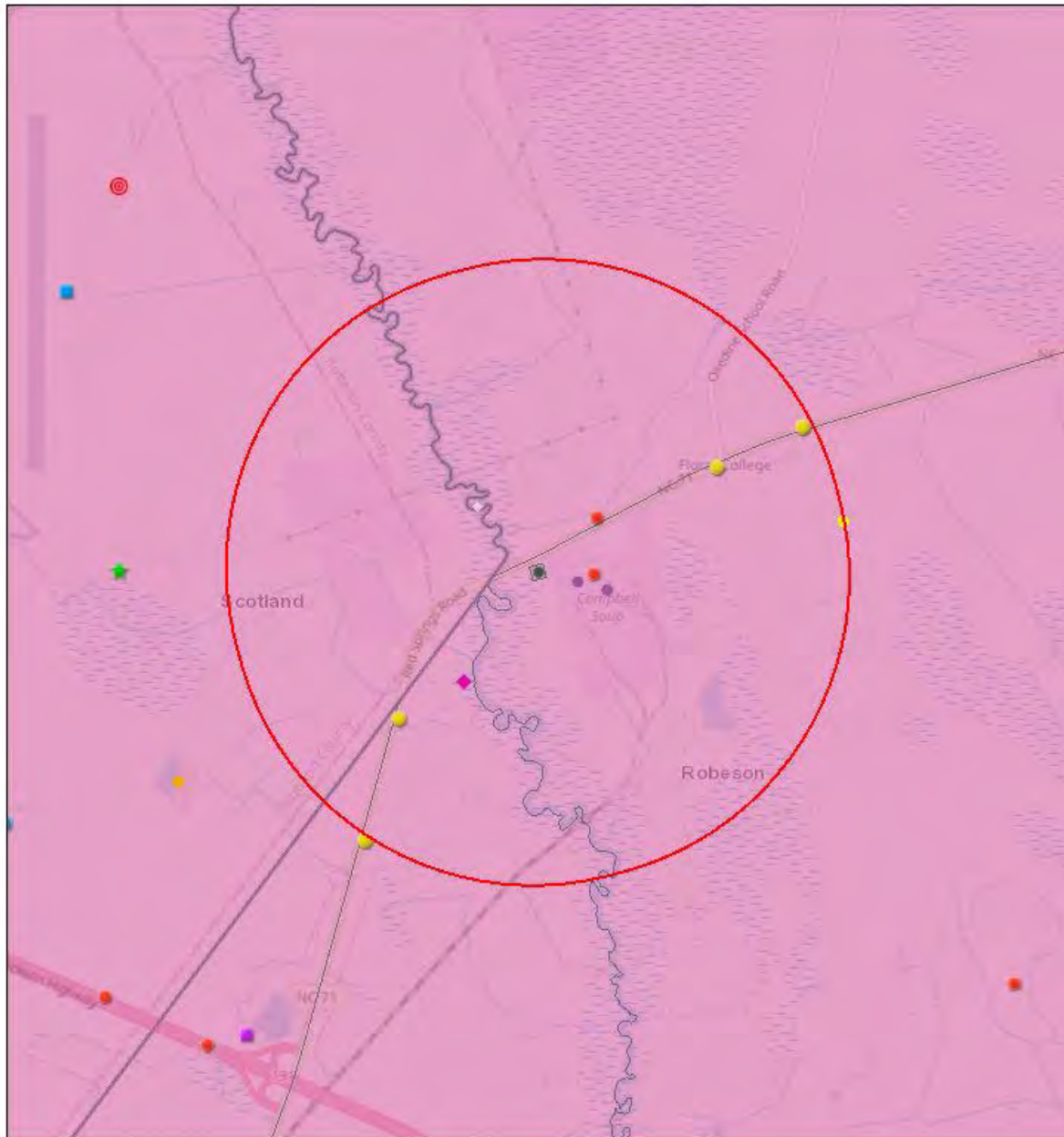
**Source:** U.S. Census Bureau, Census 2010 Summary File 1.



## Area of Interest (AOI) Information

Area : 92,832,636.48 ft<sup>2</sup>

Jan 28 2023 12:01:05 Eastern Standard Time



Air Quality Permit Sites

● Title V

Animal Feed Operation Permits (View)

● Swine State COC

⊙ NPDES Stormwater Permits

NPDES Wastewater Treatment Facility Permits

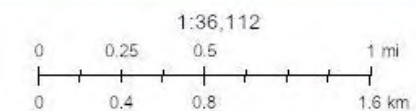
◆ Major

■ Federal Remediation Branch

■ Pre-Regulatory Landfill Sites

■ Brownfields Program Sites

★ Hazardous Waste Sites



NCDOT GIS Unit. Map data © OpenStreetMap contributors. CC-BY-SA



Summary

Name	Count	Area(ft²)	Length(mi)
Air Quality Permit Sites	2	N/A	N/A
NPDES Wastewater Treatment Facility Permits	2	N/A	N/A
Animal Feed Operation Permits (View)	0	N/A	N/A
Solid Waste Septage Sites	0	N/A	N/A
Coal Ash Structural Fills (CCB) (Closed)	0	N/A	N/A
Contaminated Dry-Cleaning Sites	0	N/A	N/A
Land Clearing and Inert Debris (LCID) Notifications	0	N/A	N/A
Pre-Regulatory Landfill Sites	0	N/A	N/A
Brownfields Program Sites	0	N/A	N/A
Hazardous Waste Sites	0	N/A	N/A
Underground Storage Tank Incidents	3	N/A	N/A
Above Ground Storage Tank Incidents	2	N/A	N/A
Underground Storage Tank Active Facilities	0	N/A	N/A
Petroleum Contaminated Soil Remediation Permits	0	N/A	N/A
NPDES Stormwater Permits	0	N/A	N/A
Permitted Solid Waste Landfills (Open and Closed)	0	N/A	N/A
Federal Remediation Branch	0	N/A	N/A
NC Mining Permits	1	N/A	N/A

Air Quality Permit Sites

#	CONTACT	FACILITY_NAME	DAQ_FACILITY_ID	CLASS_STATUS	LOCATION_ADDRESS_LINE_1
1	Fayetteville Regional Office	Campbell Soup Supply Company	7800159	Title V	2120 Highway 71 North
2	Fayetteville Regional Office	Silgan Containers	7800203	Title V	2120 NC 71 Highway North, Unit A

#	LOCATION_ADDRESS_LINE_2	CITY	STATE	ZIP	NAICS
1	No Data	Maxton	NC	28364	Specialty Canning (311422)
2	No Data	Maxton	NC	28364	Metal Can Manufacturing (332431)

#	SIC	COUNTY	Count
1	Canned Specialties (2032)	Robeson	1
2	Metal Cans (3411)	Robeson	1

## NPDES Wastewater Treatment Facility Permits

#	FACILITY	PERMIT_ID	OWNER	PERMIT_TYPE	PERMIT_STATUS
1	Laurinburg Industrial WWTP		Laurinburg-Maxton Airport Commission	Municipal Wastewater Discharge, Large	Expired
2	Maxton WTP		Robeson County Water Department	Water Plants and Water Conditioning Discharge	Active

#	ORIGINAL_ISSUED_DT	PERMIT_EFFECTIVE_DATE	PERMIT_EXPIRATION_DT	FACILITY_ACTIVE	FACILITY_STATUS
1	3/10/1981, 7:00 PM	10/31/2016, 8:00 PM	7/30/2019, 8:00 PM	1	Active
2	9/29/1981, 8:00 PM	1/31/2020, 7:00 PM	7/30/2024, 8:00 PM	1	Active

#	OWNER_TYPE	MAJOR	COUNTY	REGION	ASBUILTFLOW QTYGPD	URL	Count
1	Government - Municipal	Major	Scotland	Fayetteville	2,000,000	<a href="https://edocs.deq.nc.gov/WaterResources/Search.aspx?dbid=0&amp;searchcommand={LF:Basic~NC0044725}">https://edocs.deq.nc.gov/WaterResources/Search.aspx?dbid=0&amp;searchcommand={LF:Basic~NC0044725}</a>	1
2	Non-Government	No Data	Robeson	Fayetteville	No Data	<a href="https://edocs.deq.nc.gov/WaterResources/Search.aspx?dbid=0&amp;searchcommand={LF:Basic~NC0048577}">https://edocs.deq.nc.gov/WaterResources/Search.aspx?dbid=0&amp;searchcommand={LF:Basic~NC0048577}</a>	1

## Underground Storage Tank Incidents

#	IncidentNumber	USTNum	IncidentName	FacilID	Address
1	5099	FA-108	THE CORNER STORE	No Data	HWY 71 & SR 1312
2	9897	FA-523	SAM BRYANT PROPERTY (former DIALS GROCERY)	00-0-0000018544	1234 HIGHWAY 71 NORTH
3	12061	FA-679	MCGIRT STORE	No Data	HWY 71 AND TRISKA ROAD

#	CityTown	County	ZipCode	Mgr	ROCode
1	MAXTON	ROBES	28364	STF	FAY
2	MAXTON	ROBES	28364	BAR	FAY
3	MAXTON	ROBES	28364	STF	FAY

#	DateOccurred	DateReported	Comm	Reg	ConfRisk
1	June 19, 1989	June 19, 1989	C	R	High Risk
2	February 23, 1993	February 23, 1993	C	R	Low Risk
3	April 18, 1994	April 18, 1994	C	R	Low Risk

#	LandUse	CloseOut	LURFiled	LUR_Resc	LUR_State
1	RES	No Data	No Data	No Data	No Data
2	RES	September 14, 2020	No Data	No Data	No Data
3	RES	September 7, 2021	No Data	No Data	No Data

#	CurrStatus	CDNum	RRADate	RRARisk	RRARankCURR
1	C	0	March 30, 2017	H	245
2	C	0	<i>No Data</i>	<i>No Data</i>	0
3	C	0	January 11, 2005	L	70

#	RRAAbate	LatDec	LongDec	Count
1	D	34.778281	-79.318615	1
2	<i>No Data</i>	34.766278	-79.337096	1
3	R	34.780190	-79.313653	1

### Above Ground Storage Tank Incidents

#	IncidentNumber	USTNum	IncidentName	FacilID	Address
1	90087	FA-88246	LINKAMERICA EXPRESS SPILL	<i>No Data</i>	2199 NC HIGHWAY 71 NORTH
2	90237	FA-88434	CAMPBELL SOUP PLANT	<i>No Data</i>	2120 HWY. 71 NORTH

#	CityTown	County	ZipCode	Mgr	ROCode
1	MAXTON	ROBES	28364-9434	KEC	FAY
2	MAXTON	ROBES	28364	KEC	FAY

#	DateOccurred	DateReported	Comm	Reg	ConfRisk
1	1288224000000	1293062400000	<i>No Data</i>	<i>No Data</i>	Low Risk
2	1492992000000	1492992000000	<i>No Data</i>	N	Low Risk

#	LandUse	CloseOut	LURFiled	LUR_Resc	LUR_State
1	<i>No Data</i>	1293062400000	<i>No Data</i>	<i>No Data</i>	<i>No Data</i>
2	<i>No Data</i>	1500508800000	<i>No Data</i>	<i>No Data</i>	<i>No Data</i>

#	CurrStatus	CDNum	RRADate	RRARisk	RRAAbate
1	A	561	<i>No Data</i>	<i>No Data</i>	<i>No Data</i>
2	C	0	<i>No Data</i>	<i>No Data</i>	<i>No Data</i>

#	RRA_Rank	LatDec	LongDec	Count
1	0.00	34.775900	-79.325600	1
2	0.00	34.773200	-79.325800	1

### NC Mining Permits

#	PERMIT_NUMBER	Permit_number_text	Permittee_Bus_Name	LOCATION_NAME	FIPS_COUNTY_DESC
1	78-14	'78-14	Mcarthur Construction Co	Bullard Pit No. 1	Robeson

#	REGION_NAME	River_Basin_Name	ORIG_ISSUE_DATE	EXPIRATION_DATE	Select_Contact_Person
1	Fayetteville Regional Office	Lumber	4/19/1992, 8:00 PM	10/16/2004, 8:00 PM	John Mcarthur

#	Select_Addr__City__State__Zip	Phone	ORIGINAL_APP_RECEIVED_DATE	HEARING_DATE	DATE_DENIED
1	P O Box 2838 Lumberton, NC 28359-2838	910-618-1400	1/21/1992, 7:00 PM	No Data	No Data

#	PERMIT_REVISION_DATE	RELEASE_DATE	MINE_STATUS	COMMODITY_CODE	TOTAL_ACRES_PERMITTED
1	10/16/1994, 8:00 PM	7/26/2004, 8:00 PM	Released	Sand and Gravel	7.39

#	BONDED_ACRES	BOND_TYPE_CODE	ARR_RECEIVED_DATE	BOND_AMOUNT	QUADRANGLE_NAME
1	0.00	Surety Bond - Single Site	7/15/1998, 8:00 PM	13,800.00	Wakulla

#	LATITUDE	LONGITUDE	CALENDAR_YEAR	NEW_ACRES_AFFECTED_TOTAL	NEW_ACRES_RECLAIMED
1	34.7757	-79.3113	2004	0.00	7.40

#	ACRES_CURRENT_TOTAL	LAST_UPDATE_DATE	INSPECTED_BY	LAST_NOD_DATE	LAST_NOV_DATE
1	0.00	10/7/2003, 8:00 PM	Unknown	No Data	No Data

#	Last_Inspection_Date	NEXT_SCHEDULED_INSPECTION_DATE	Count
1	9/2/1998, 8:00 PM	9/8/9999, 8:00 PM	1

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# Robeson County, North Carolina<sup>†</sup>

 County highlighted in the State

POPULATION: 134,956

## INCOME

### Average Household Income

Robeson County: \$36,366

North Carolina: \$57,388

### Residents who live below the poverty line



31.5%

Robeson County

13.6%

North Carolina

## QUICK FACTS:

Out of 10 people living in this county

### SEX



5 are male & 5 are female

### AGE



About 3 are between the ages of 0 and 19 years

About 2 are between the ages of 20 and 34 years

About 2 are between the ages of 35 and 49 years

About 3 are 50 years and older

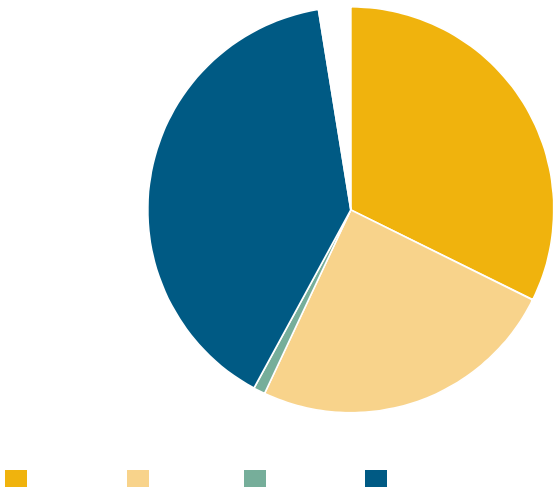
### ETHNICITY



1 are Hispanic and 9 are non-Hispanic



RACE



[https://twitter.com/share?](https://twitter.com/share?%3A%2F%2Fephtracking.cdc.gov%2FInfoByLocation%2F&text=Check%20out%20environmental%20health%20in%20your%20county&hashtags=PublicHealth,Tracking)  
%3A%2F%2Fephtracking.cdc.gov%2FInfoByLocation%2F&text=Check%20out%20environmental%20health%20in%20your%20county&hashtags=PublicHealth,Tracking)  
out%20the%20people%20in%20my%20county.%20Visit%20https://ephtracking.cdc.gov/InfoByLocation%2F%20to%20find%20out%20facts%20for%20your%20county.)  
Discover the data (../DataExplorer?query=C7380B65-728D-4621-A122-47283CF8B444&G5=9999) | Learn more about this topic  
(../InfoByLocation/showPcMain.action)  
† 2020 data from the National Environmental Public Health Tracking Network (../showHome.action)



Asthma<sup>†</sup>

Percent of **adults** who currently have asthma

8.3%      7.0%

North Carolina      National

Asthma is a chronic disease that affects the airways that carry oxygen in and out of the lungs. Asthma can cause

- shortness of breath,
- wheezing,
- coughing, and
- tightness in the chest.

Asthma attacks have been linked to many factors, including exposure to environmental hazards like

- allergens,
- tobacco smoke, and
- indoor and outdoor air pollution.

Asthma can be controlled by taking medication and avoiding triggers that can cause an attack.

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Discover the data ([/.. /DataExplorer/?query=1F12A3B5-E744-4857-9110-401524CC8D8E&fips=37&G5=9999](https://ephtracking.cdc.gov/InfoByLocation%2F%20to%20find%20out%20facts%20for%20your%20county)) | Learn more about this topic ([../showAsthma.action](https://ephtracking.cdc.gov/showAsthma.action))

† 2019 data from the National Environmental Public Health Tracking Network ([../showHome.action](https://ephtracking.cdc.gov/showHome.action))



## Air Quality: Ground-Level Ozone<sup>†</sup>



Robeson County residents were exposed to unhealthy levels of ozone for in .

Ozone occurs naturally in the sky and helps protect us from the sun's harmful rays. But ground-level ozone can be bad for your health and the environment. Ground-level ozone is one of the biggest parts of smog.

When ozone levels are above the national standard, everyone should try to limit their contact with it by reducing the amount of time spent outside.

**Robeson County** residents were exposed to unhealthy levels of ozone for in .

Check the EPA's Air Quality Index (AQI) at AirNow.gov (<http://www.AirNow.gov>) to see the current air quality conditions for your location. You can use the AQI to plan your daily activities to reduce exposure to ozone.

[https://twitter.com/share?](https://twitter.com/share?%3A%2F%2Fephtracking.cdc.gov%2FInfoByLocation%2F&text=Check%20out%20environmental%20health%20in%20your%20county&hashtags=PublicHealth,Tracking)

<https://twitter.com/share?%3A%2F%2Fephtracking.cdc.gov%2FInfoByLocation%2F&text=Check%20out%20environmental%20health%20in%20your%20county&hashtags=PublicHealth,Tracking>

<https://twitter.com/share?%3A%2F%2Fephtracking.cdc.gov%2FInfoByLocation%2F&text=Check%20out%20environmental%20health%20in%20your%20county&hashtags=PublicHealth,Tracking>

Discover the data (REPLACED BY JAVASCRIPT) | Learn more about this topic ([../showAirHealth.action](#))

† data from the National Environmental Public Health Tracking Network ([../showHome.action](#))



# Air Quality: Particulate Matter<sup>†</sup>

ANNUAL AMBIENT CONCENTRATION OF PM<sub>2.5</sub>

µg/m<sup>3</sup>\*

Robeson County, North Carolina

µg/m<sup>3</sup>\*

## Annual National Standard

\*Micrograms Per Cubic Meter (µg/m<sup>3</sup>)

Air pollution is a leading environmental threat to human health. Particles in the air like dust, dirt, soot, and smoke are one kind of air pollution called particulate matter. Fine particulate matter, or PM<sub>2.5</sub>, is so small that it cannot be seen in the air. Breathing in PM<sub>2.5</sub> may

- lead to breathing problems,
- make asthma symptoms or some heart conditions worse, and
- lead to low birth weight.

The national standard for annual PM<sub>2.5</sub> levels is **12.0µg/m<sup>3</sup>**. When PM<sub>2.5</sub> levels are above 12, this means that air quality is more likely to affect your health.

In , the annual level of PM<sub>2.5</sub> in **Robeson County** was **µg/m<sup>3</sup>**. \*

\* Micrograms per cubic meter (../InfoByLocation/images/content/PM2-5\_5.jpg) (µg/m<sup>3</sup>)

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out%20the%20people%20in%20my%20county.%20Visit%20https://ephtracking.cdc.gov/InfoByLocation%2F%20to%20find%20out%20facts%20for%20your%20county.)

Discover the data (REPLACED BY JAVASCRIPT) | Learn more about this topic (../showAirLanding.action)

† data from the National Environmental Public Health Tracking Network (../showHome.action)



## Smoking<sup>†</sup>



Tobacco use is the single most preventable cause of death and disease in the United States. Smoking harms nearly every organ of the body. It causes many diseases and reduces the health of smokers in general. The negative health effects from cigarette smoking account for an estimated 500,000 deaths, or nearly 1 of every 5 deaths, each year in the United States.



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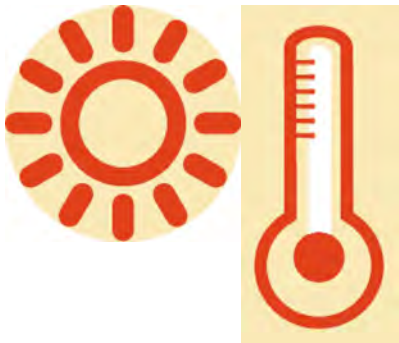
out%20the%20people%20in%20my%20county.%20Visit%20https://ephtracking.cdc.gov/InfoByLocation%2F%20to%20find%20out%20facts%20for%20your%20county.)

Discover the data (REPLACED BY JAVASCRIPT) | Learn more about this topic (../showHBSmokingPrevalence.action)

† data from the National Environmental Public Health Tracking Network (../showHome.action)



## Extreme Heat<sup>†</sup>



with temperatures above 90°F

Extreme summer heat is increasing in the United States, and climate projections indicate that extreme heat events will be more frequent and intense in coming decades. Extremely hot weather can cause illness or even death. Knowing how hot it gets in your area can help you prepare for extremely hot temperatures and prevent heat related illness (<http://emergency.cdc.gov/disasters/extremeheat/heattips.asp>).

**Robeson County** had with maximum temperatures above 90°F during May–September . Heat-related death or illnesses are preventable if you follow a few simple steps.

- Stay cool.
- Stay hydrated.
- Stay informed.

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out%20the%20people%20in%20my%20county.%20Visit%20https://ephtracking.cdc.gov/InfoByLocation%2F%20to%20find%20out%20facts%20for%20your%20county.)

Discover the data (REPLACED BY JAVASCRIPT) | Learn more about this topic (../showClimateChangeExtremeHeat.action)

† data from the National Environmental Public Health Tracking Network (../showHome.action)





# Heart Attacks<sup>†</sup>



The environment is one of several factors (../showHeartExpRisk.action) that can lead to an increased risk for heart disease. High levels of air pollution and extreme hot and cold temperatures have been linked to increases in heart disease and deaths from heart attacks. A heart attack happens when a part of the heart muscle dies or gets damaged because of reduced blood supply.

In , there were

- **deaths** from heart attacks in Robeson County.
- **deaths** from heart attacks in North Carolina.

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%3A%2F%2Fephtracking.cdc.gov%2FInfoByLocation%2F&text=Check%20out%20environmental%20health%20in%20your%20county&hashtags=PublicHealth,Tracking)

out%20the%20people%20in%20my%20county.%20Visit%20https://ephtracking.cdc.gov/InfoByLocation%2F%20to%20find%20out%20facts%20for%20your%20county.)

Discover the data (REPLACED BY JAVASCRIPT) | Learn more about this topic (../showHeartAttack.action)

<sup>†</sup> data from the National Environmental Public Health Tracking Network (../showHome.action)



# Access To Parks<sup>†</sup>



Live within half a mile  
of a park in Robeson  
County



Having access to places for physical activity, like parks, encourages people to get active and do so more often. The closer you live to a park, the more likely you are to walk or bike there. Walking and biking to parks can decrease air pollution and car crashes, which in turn, can reduce chronic disease rates and traffic-related injuries.

In ,

of people living in **Robeson County** lived within half a mile of a park.

of people living in **North Carolina** lived within half a mile of a park.

[tps://twitter.com/share?](https://twitter.com/share?)

[i3A%2F%2Fephtracking.cdc.gov%2FInfoByLocation%2F&text=Check%20out%20#environmental%20health%20in%20your%20county&hashtags=PublicHealth,Tracking\)](https://twitter.com/share?text=Check%20out%20#environmental%20health%20in%20your%20county&hashtags=PublicHealth,Tracking)

out%20the%20people%20in%20my%20county.%20Visit%20https://ephtracking.cdc.gov/InfoByLocation%2F%20to%20find%20out%20facts%20for%20your%20county.)

Discover the data (REPLACED BY JAVASCRIPT) | Learn more about this  
topic (../showPcMain.action)

† data from the National Environmental Public Health Tracking Network (../showHome.action)



## Proximity To Highways<sup>†</sup>



of Robeson County population that live within 150m of a highway

Traffic-related air pollution is a major cause of unhealthy air quality, especially in urban areas. Many health problems have been linked to exposure to traffic-related air pollution. The closer your home or school is to a major highway, the more likely you and your family are to be exposed to traffic-related air pollution.

In , of the population of Robeson County lived within 150 meters\* of a major highway.

In , of Robeson County public schools (preK-4<sup>th</sup> grade) were sited within 150 meters\* of a major highway.

\* 150 meters is about 2 blocks.

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<https://twitter.com/share?%3A%2F%2Fephtracking.cdc.gov%2FInfoByLocation%2F&text=Check%20out%20environmental%20health%20in%20your%20county&hashtags=PublicHealth,Tracking>

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Discover the data (REPLACED BY JAVASCRIPT) | Learn more about this topic ([../showProximityToHighways.action](#))

† data from the National Environmental Public Health Tracking Network ([../showHome.action](#))



Visit the Tracking Network for more information about your health and the environment.

[www.cdc.gov/ephtracking](http://www.cdc.gov/ephtracking) (<http://www.cdc.gov/ephtracking/>)

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[subject=Please%20add%20me%20to%20CDC's%20Environmen](mailto:EPHT@LISTSERV.CDC.GOV?subject=Please%20add%20me%20to%20CDC's%20Environmen)  
serv.&body=Please%20fill%20in%20the%20information%20bel



## **ATTACHMENT 16:**

### **Zoning**

**Maxton Sewer Lift Station No. 5**  
**303 N. Hooper Street, Maxton, NC 28364**



# Maxton SLS No. 5 - Zoning

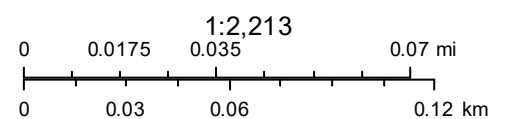


January 28, 2023

Address Points

Streets

Parcels

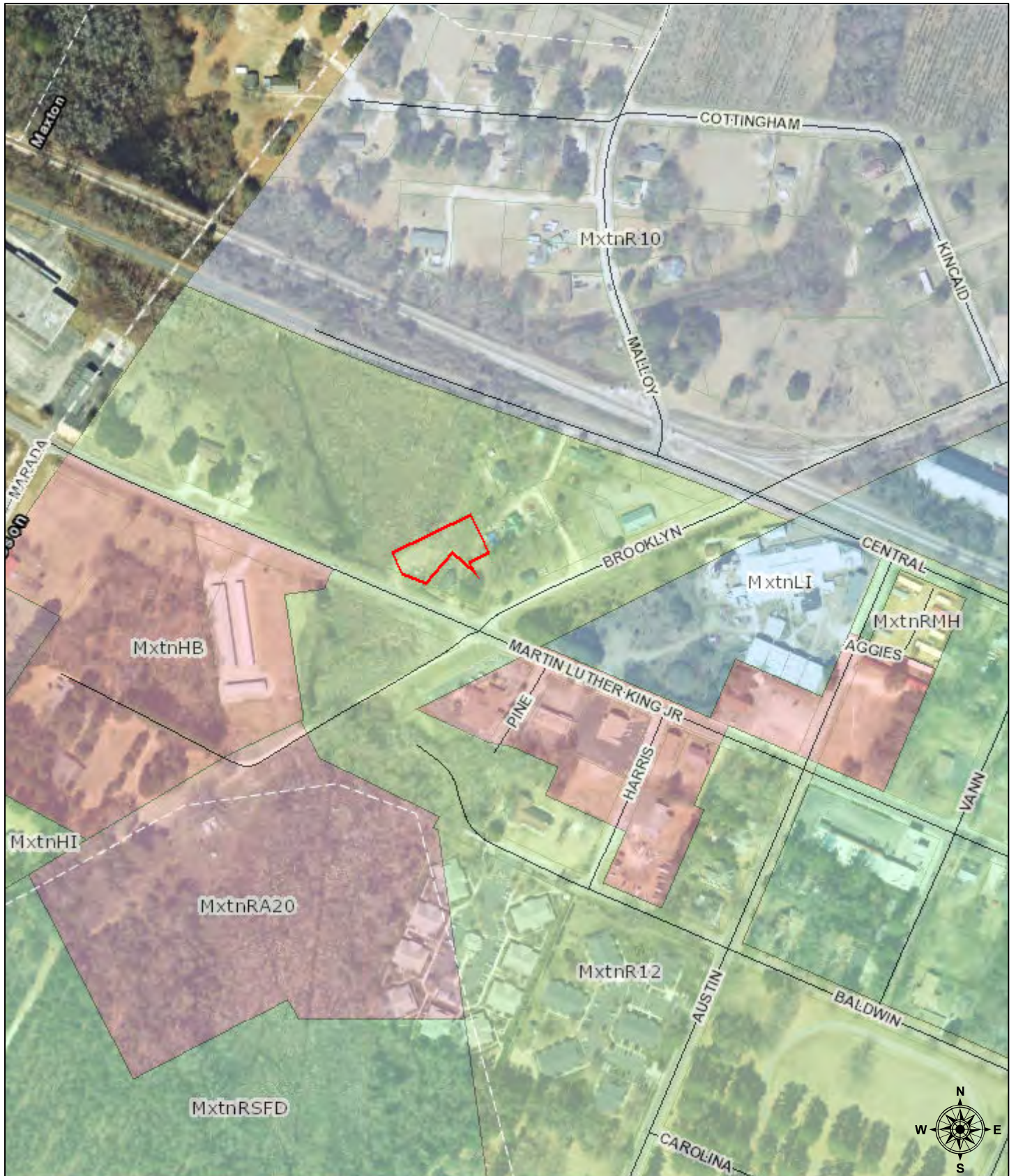


Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community  
Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

**Maxton Sewer Lift Station No. 7**  
**904 US 74 BUS, Maxton, NC 28364**



# Maxton SLS No. 7 - Zoning

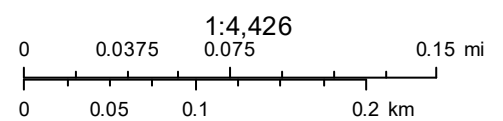


January 28, 2023

Address Points

Streets

Parcels



Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community  
Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

**Maxton Sewer Lift Station No. 10**  
**627 NC Highway 71N, Maxton, NC 28364**

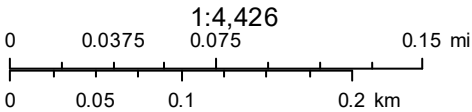


# Maxton SLS No.10 - Zoning



January 28, 2023

- Address Points
- Streets
- Parcels



Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community  
Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



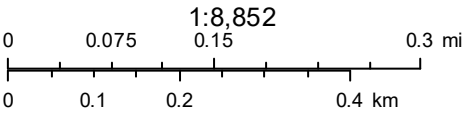
**Maxton Sewer Lift Station No. 11**  
**2074 NC Highway 71N, Maxton, NC 28364**

Maxton SLS No.11 - Zoning



January 28, 2023

- Streets
- Parcels



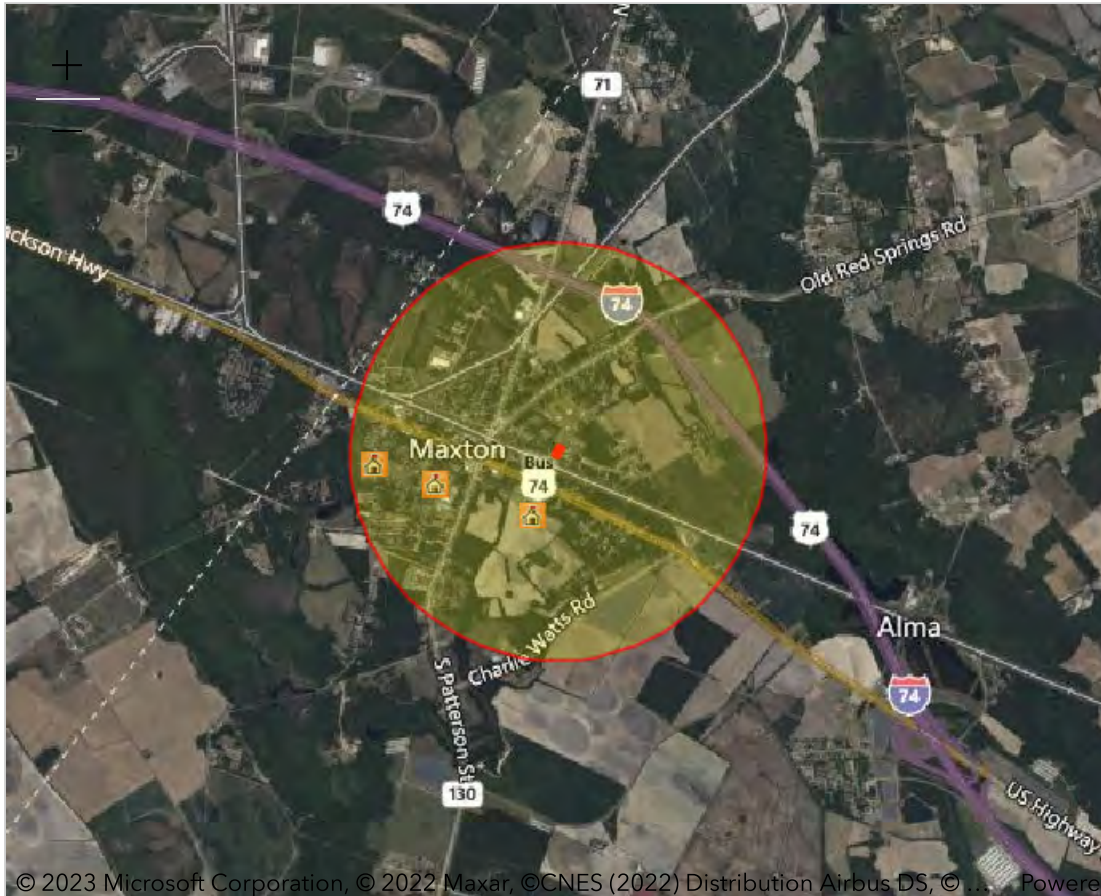
Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community  
Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

## **ATTACHMENT 17:**

### **Educational and Cultural Facilities**

**Maxton Sewer Lift Station No. 5**  
**303 N. Hooper Street, Maxton, NC 28364**





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Report question: *Within 1 mile of a school?* yes

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

Features within Study Area

Features found: 3

**Name**

☐ Carolina Military Academy (historical)

**Distance**

0.89 mile

**Feature ID:** 982666

**Name:** Carolina Military Academy (historical)

**Class:** School

**State:** NC

**State FIPS:** 37

**County:** Robeson

**County FIPS:** 155

**Latitude:** 34.7354393

**Longitude:** -79.3583765

**USGS Map Name:** Maxton

**Date Created:** 06/17/1980

**Date Edited:** 11/27/2006



**Name**

**Distance**

☐ Dean School

**Feature ID:** 984036  
**Name:** Dean School  
**Class:** School  
**State:** NC  
**State FIPS:** 37  
**County:** Robeson  
**County FIPS:** 155  
**Latitude:** 34.7318283  
**Longitude:** -79.3447649  
**USGS Map Name:** Maxton  
**Date Created:** 06/17/1980  
**Date Edited:**

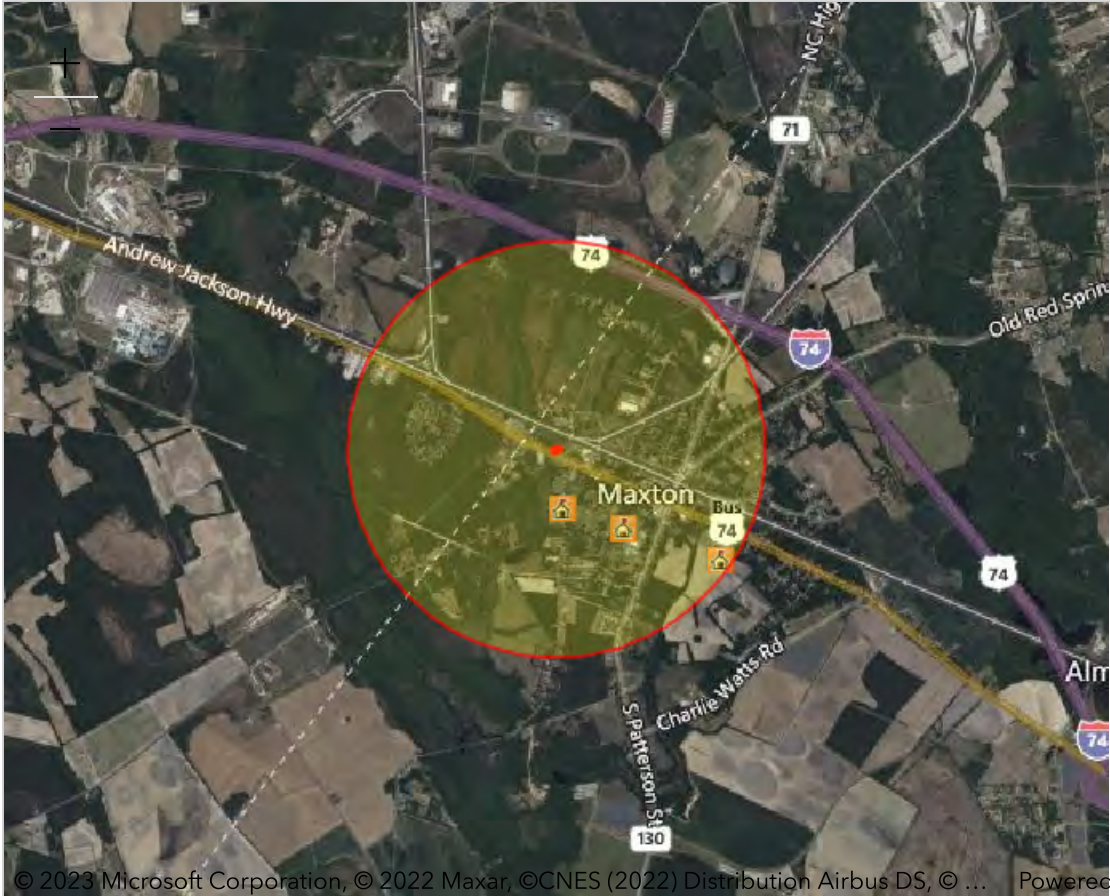
0.31 mile

☐ Townsend Middle School

**Feature ID:** 1006796  
**Name:** Townsend Middle School  
**Class:** School  
**State:** NC  
**State FIPS:** 37  
**County:** Robeson  
**County FIPS:** 155  
**Latitude:** 34.7340504  
**Longitude:** -79.3530985  
**USGS Map Name:** Maxton  
**Date Created:** 08/01/1989  
**Date Edited:**

0.60 mile

**Maxton Sewer Lift Station No. 7**  
**904 US 74 BUS, Maxton, NC 28364**



Report question: *Within 1 mile of a school?*   **yes**

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

miles
▼

Submit

Features within Study Area

Features found: 3

**Name**

**Distance**

☐ Carolina Military Academy (historical)

0.28 mile

**Feature ID:** 982666

**Name:** Carolina Military Academy (historical)

**Class:** School

**State:** NC

**State FIPS:** 37

**County:** Robeson

**County FIPS:** 155

**Latitude:** 34.7354393

**Longitude:** -79.3583765

**USGS Map Name:** Maxton

**Date Created:** 06/17/1980

**Date Edited:** 11/27/2006

**Name**

**Distance**

☐ Dean School

**Feature ID:** 984036  
**Name:** Dean School  
**Class:** School  
**State:** NC  
**State FIPS:** 37  
**County:** Robeson  
**County FIPS:** 155  
**Latitude:** 34.7318283  
**Longitude:** -79.3447649  
**USGS Map Name:** Maxton  
**Date Created:** 06/17/1980  
**Date Edited:**

0.95 mile

☐ Townsend Middle School

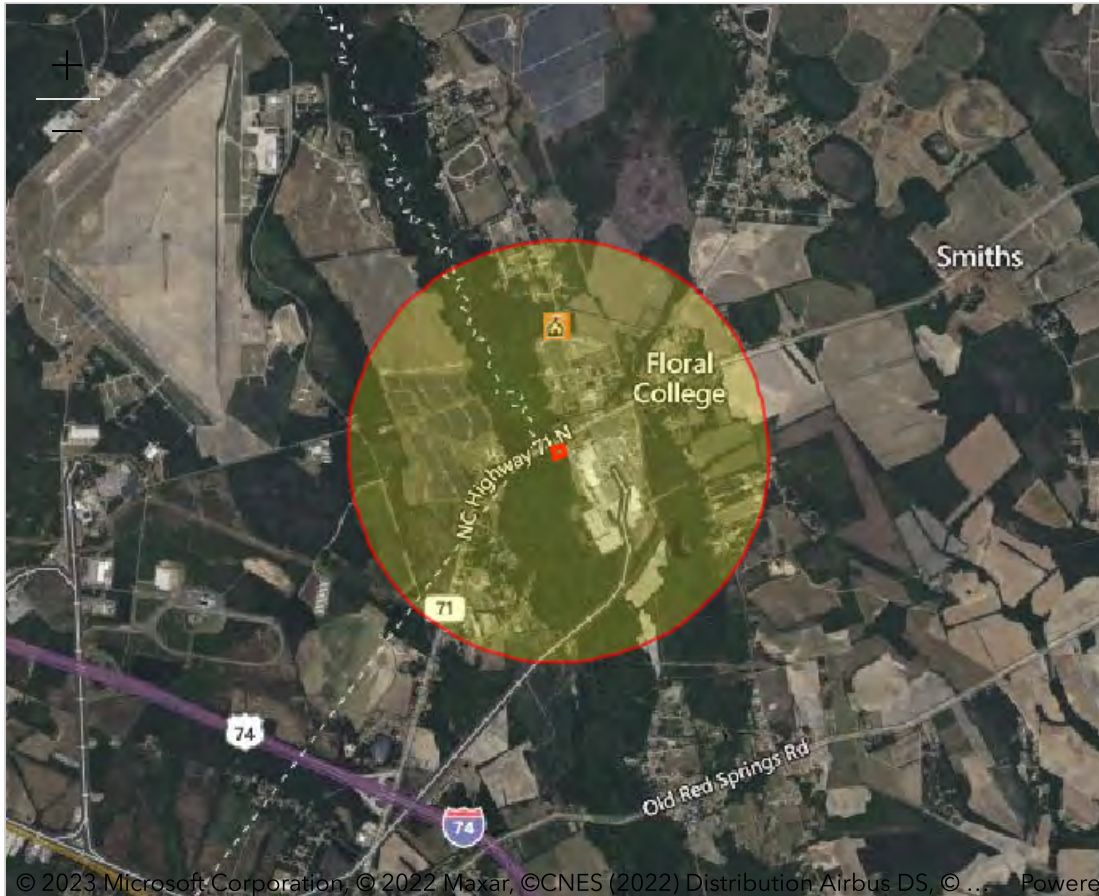
**Feature ID:** 1006796  
**Name:** Townsend Middle School  
**Class:** School  
**State:** NC  
**State FIPS:** 37  
**County:** Robeson  
**County FIPS:** 155  
**Latitude:** 34.7340504  
**Longitude:** -79.3530985  
**USGS Map Name:** Maxton  
**Date Created:** 08/01/1989  
**Date Edited:**

0.49 mile

**Maxton Sewer Lift Station No. 10**  
**627 NC Highway 71N, Maxton, NC 28364**  
*No schools within one-mile radius*



**Maxton Sewer Lift Station No. 11**  
**2074 NC Highway 71N, Maxton, NC 28364**



Report question: **Within 1 mile of a school?** yes

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

Features within Study Area

Features found: 1

**Name**

**Distance**

☐ Wilson School

0.58 mile

**Feature ID:** 997459

**Name:** Wilson School

**Class:** School

**State:** NC

**State FIPS:** 37

**County:** Robeson

**County FIPS:** 155

**Latitude:** 34.7821063

**Longitude:** -79.3292078

**USGS Map Name:** Wakulla

**Date Created:** 06/17/1980

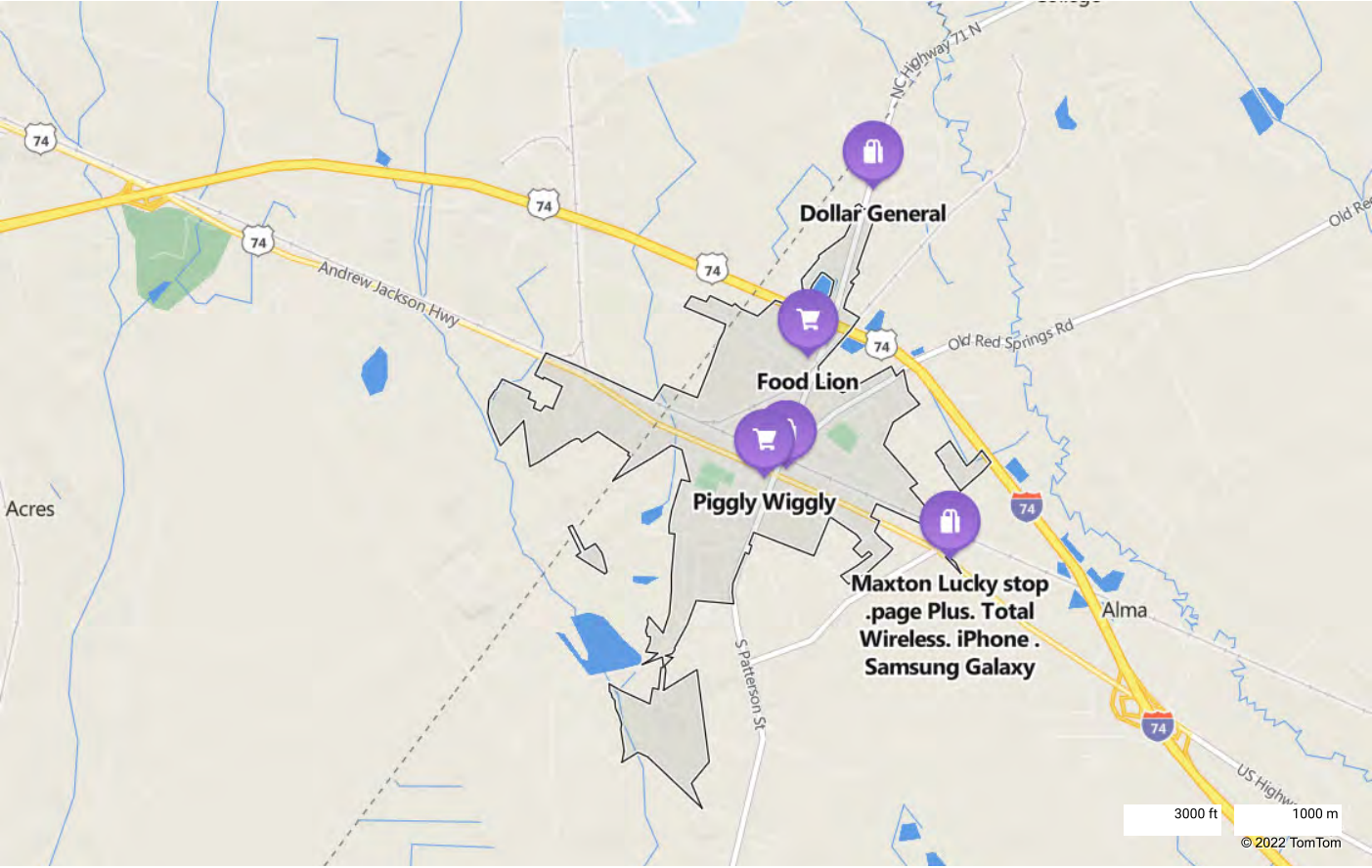
**Date Edited:**

## **ATTACHMENT 18:**

### **Commercial Facilities**

## stores

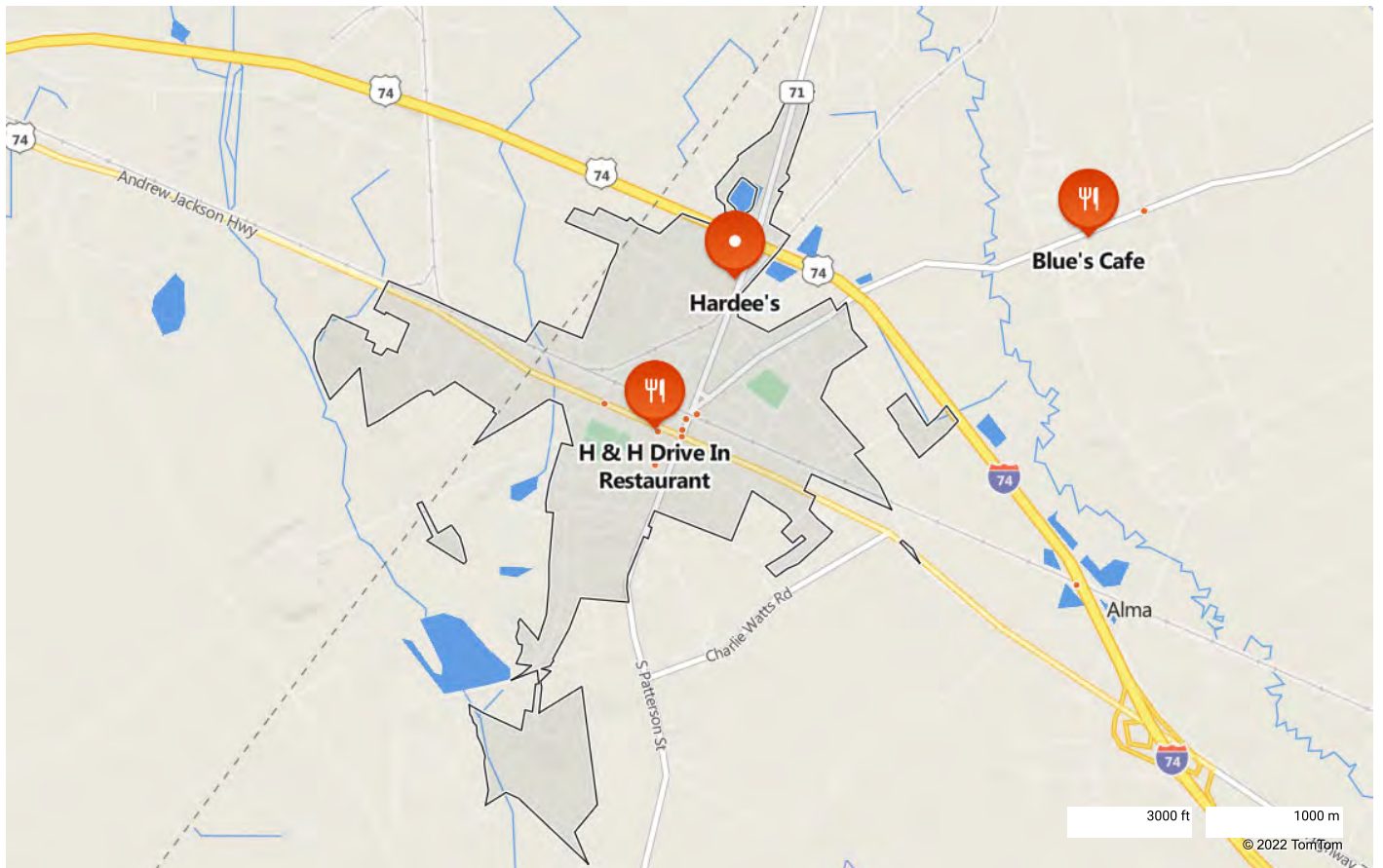
- 1 Piggly Wiggly**  
**Address:** 104 S Patterson St, Maxton, NC 28364  
**Phone:** (910) 844-3671  
**Website:** <https://www.pigglywiggly.com/>
- 3 Belk**  
**Address:** 1339 Scotland Crossing Drive, Laurinburg, NC 28352  
**Phone:** (910) 276-2431  
**Website:** <https://www.belk.com/store/belk-laurinburg-nc/?StoreID=565>
- 5 Kimbrell's Furniture**  
**Address:** 234 E Church St, Laurinburg, NC 28352  
**Phone:** (910) 277-8588  
**Website:** [https://www.kimbrells.com/?utm\\_source=bing&utm\\_medium=yext&y\\_source=1\\_NDkzNDcwMC00ODMtG9jYXRpb24ud2Vic2l0ZQ%3D%3D](https://www.kimbrells.com/?utm_source=bing&utm_medium=yext&y_source=1_NDkzNDcwMC00ODMtG9jYXRpb24ud2Vic2l0ZQ%3D%3D)
- 7 AutoZone Auto Parts**  
**Address:** 1203 S Main St, Laurinburg, NC 28352  
**Phone:** (910) 276-3222  
**Website:** <https://www.autozone.com/locations/nc/laurinburg/1203-s-main-st.html?cmpid=LOC:US:EN:AD:NL:1000000:GEN:454>
- 9 Minit Shop of Maxton**  
**Address:** 207 Middle St, Maxton, NC 28364  
**Phone:** (910) 844-3382
- 11 Dollar Tree**  
**Address:** 1686 S Main St, Laurinburg, NC 28352  
**Phone:** (910) 405-5076  
**Website:** <http://www.dollartree.com/locations/nc/laurinburg/1039/>
- 13 Citi Trends**  
**Address:** 1363 Scotland Crossing Dr, Laurinburg, NC 28352  
**Phone:** (910) 277-8307  
**Website:** <https://locations.cititrends.com/nc/laurinburg/1363-scotland-crossing-dr.html>
- 15 Dollar General**  
**Address:** 1081 Aberdeen Rd, Laurinburg, NC 28352  
**Phone:** (910) 706-8600  
**Website:** <https://www.dollargeneral.com/store-directory/nc/laurinburg/6287.html>
- 17 Walmart Supercenter**  
**Address:** 901 US Highway 401 S, Laurinburg, NC 28352  
**Phone:** (910) 277-7770  
**Website:** <http://www.walmart.com/store/1255-laurinburg-nc>
- 2 Food Lion**  
**Address:** 638-N Patterson St, Maxton, NC 28364  
**Phone:** (910) 844-9878  
**Website:** [https://stores.foodlion.com/nc/maxton/638-n-patterson-st?y\\_source=1\\_NTA0NjgzOS03MTUtbG9jYXRpb24ud2Vic2l0ZQ%3D%3D](https://stores.foodlion.com/nc/maxton/638-n-patterson-st?y_source=1_NTA0NjgzOS03MTUtbG9jYXRpb24ud2Vic2l0ZQ%3D%3D)
- 4 Dollar General**  
**Address:** 33 BRYANTS Circle, Maxton, NC 28364  
**Phone:** (910) 390-5812  
**Website:** <https://www.dollargeneral.com/store-directory/nc/maxton/21623.html>
- 6 Maxton Lucky stop .page Plus. Total Wireless. iPhone . Samsung Galaxy**  
**Address:** 1401 E Martin Luther King Dr, Maxton, NC 28364  
**Phone:** (910) 390-9078  
**Website:** [https://maxton-lucky-stop-page-plus-total-wireless.business.site/?utm\\_source=gmb&utm\\_medium=referral](https://maxton-lucky-stop-page-plus-total-wireless.business.site/?utm_source=gmb&utm_medium=referral)
- 8 Family Dollar**  
**Address:** 1221 S Main St, Laurinburg, NC 28352  
**Phone:** (910) 405-5107  
**Website:** <https://familydollar.com/locations/nc/laurinburg>
- 10 Aaron's**  
**Address:** 1640 S Main St, Laurinburg, NC 28352  
**Phone:** (910) 277-6050  
**Website:** [https://locations.aarons.com/us/nc/laurinburg/1640-s-main-st?y\\_source=1\\_MTUzNTM1MjEtNzE1LWxvY2F0aW9uLndIYnNpdGU%3D](https://locations.aarons.com/us/nc/laurinburg/1640-s-main-st?y_source=1_MTUzNTM1MjEtNzE1LWxvY2F0aW9uLndIYnNpdGU%3D)
- 12 Food Lion**  
**Address:** 1301 Scotland Crossing Dr, Laurinburg, NC 28352  
**Phone:** (910) 277-7550  
**Website:** [https://stores.foodlion.com/nc/laurinburg/1301-scotland-crossing-dr?y\\_source=1\\_NTA0NjM3Ni03MTUtbG9jYXRpb24ud2Vic2l0ZQ%3D%3D](https://stores.foodlion.com/nc/laurinburg/1301-scotland-crossing-dr?y_source=1_NTA0NjM3Ni03MTUtbG9jYXRpb24ud2Vic2l0ZQ%3D%3D)
- 14 McNair Town & Country Store**  
**Address:** 121 Fairley St, Laurinburg, NC 28352  
**Phone:** (910) 276-2812  
**Website:** <https://downtown.laurinburg.org/businesses/mc-nair-town-country>
- 16 Family Dollar**  
**Address:** 1112 Aberdeen Rd, Laurinburg, NC 28352  
**Phone:** (910) 405-5108  
**Website:** <http://www.familydollar.com/locations/nc/laurinburg/22890/>
- 18 Piggly Wiggly**  
**Address:** 229 E Church St, Laurinburg, NC 28352  
**Phone:** (910) 277-8165  
**Website:** <https://www.pigglywiggly.com/>





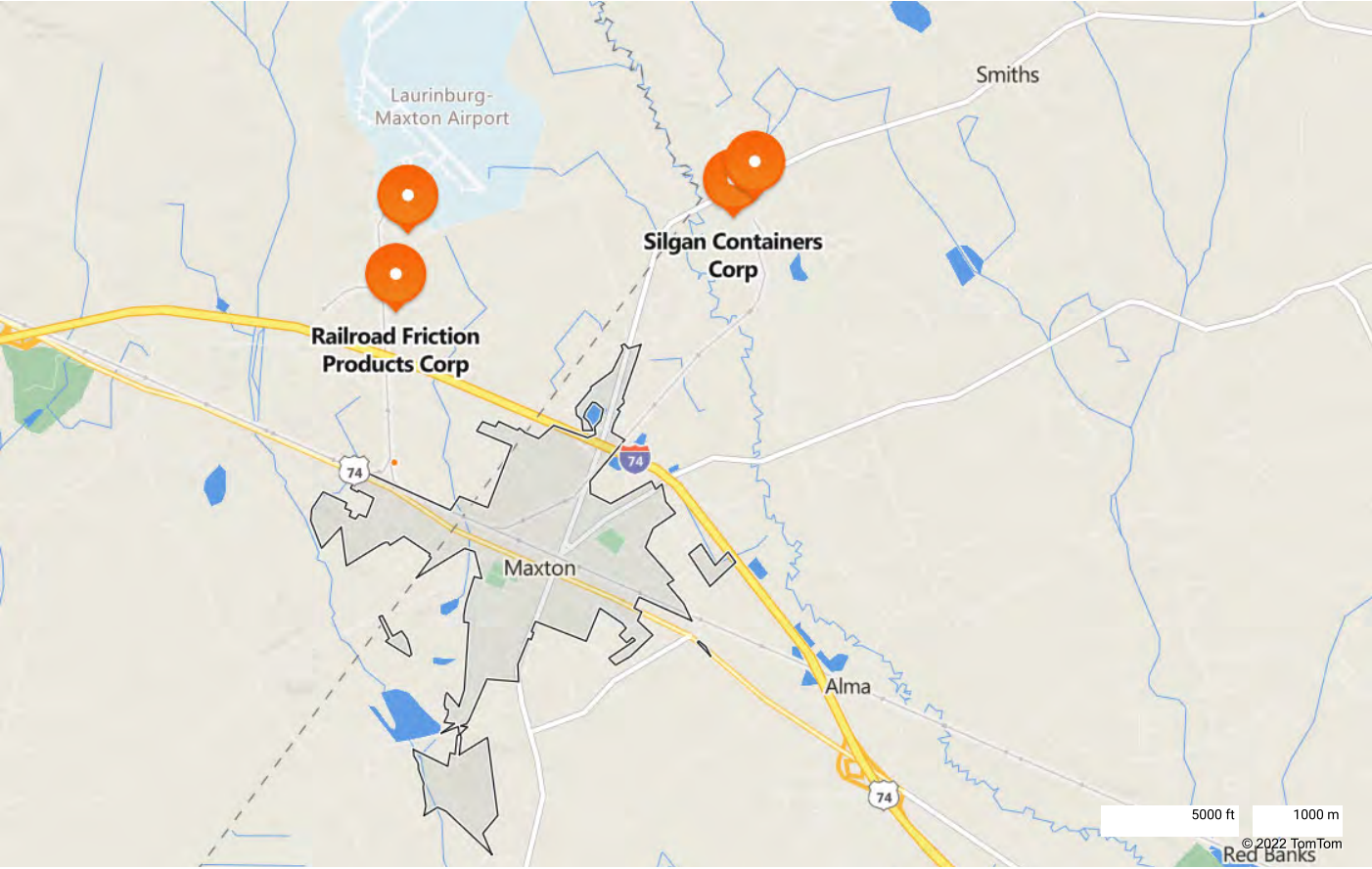
## restaurants

- 1 H & H Drive In Restaurant**  
**Address:** 201 W Doctor Martin Luther King Junior Dr, Maxton, NC 28364  
**Phone:** (910) 844-3991  
**Website:** <https://pr.business/hh-drive-in-and-catering-inc-maxton-north-carolina>
- 3 Hardee's**  
**Address:** 642 N Patterson Street, Maxton, NC 28364  
**Phone:** (910) 844-5535  
**Website:** [https://locations.hardees.com/nc/maxton/642-n-patterson-street?utm\\_source=yext&utm\\_medium=gmb-button&utm\\_campaign=search&utm\\_content=website&y\\_source=1\\_MTIzODc5NDQtNDgzLWxvY2F0aW9uLndiYnNpdGU%3D](https://locations.hardees.com/nc/maxton/642-n-patterson-street?utm_source=yext&utm_medium=gmb-button&utm_campaign=search&utm_content=website&y_source=1_MTIzODc5NDQtNDgzLWxvY2F0aW9uLndiYnNpdGU%3D)
- 5 Fore's Family Restaurant**  
**Address:** 215 S Main St, Laurinburg, NC 28352  
**Phone:** (910) 506-2112  
**Website:** <https://www.laurinburgchamber.com/>
- 7 General McArthur's Restaurant**  
**Address:** 13661 Barnes Bridge Rd, Laurinburg, NC 28352  
**Phone:** (910) 276-1498  
**Website:** <https://www.laurinburgchamber.com/>
- 9 Smithfield's Chicken 'N Bar-B-Q**  
**Address:** 402 Plaza Rd, Laurinburg, NC 28352  
**Phone:** (910) 266-8700  
**Website:** <https://www.scnbnc.com/>
- 11 La Familia Mexican Restaurant**  
**Address:** 1666 B S Main St, Laurinburg, NC 28352  
**Phone:** (910) 506-4887  
**Website:** <https://www.laurinburgchamber.com/>
- 13 Melecios Pembroke NC**  
**Address:** 408 E 3rd St, Pembroke, NC 28372  
**Phone:** (910) 521-8127  
**Website:** <https://melecios.com/>
- 15 Jesse's Pizza & Hot Subs**  
**Address:** 201 N Main St, Laurinburg, NC 28352  
**Phone:** (910) 277-8538  
**Website:** <https://downtown.laurinburg.org/businesses/jesses-pizza-hot-subs/>
- 17 Jin Jin Chinese Restaurant**  
**Address:** 150 S Main St, Laurinburg, NC 28352  
**Phone:** (910) 277-1616
- 2 Blue's Cafe**  
**Address:** 1128 Old Red Springs Rd, Maxton, NC 28364  
**Phone:** (910) 844-5526
- 4 Locklear Vineyard & Winery**  
**Address:** 1872 Preston Rd, Maxton, NC 28364  
**Phone:** (910) 316-0767  
**Website:** <https://www.locklearwinery.com/>
- 6 Miyako Japanese Cuisine**  
**Address:** 1225 S Main St, Laurinburg, NC 28352  
**Phone:** (910) 506-4081  
**Website:** <http://www.miyakonc.com/>
- 8 The Main Table**  
**Address:** 1229 S Main St, Laurinburg, NC 28352  
**Phone:** (910) 361-4273  
**Website:** <https://main-table.com/>
- 10 Captain Larry's Seafood & Steaks**  
**Address:** 1695 S Main St, Laurinburg, NC 28352  
**Phone:** (910) 276-1880  
**Website:** <http://www.captainlarrysseafoodhouse.com/>
- 12 Wooly McDuff's Neighborhood Grille**  
**Address:** 1705 US Highway 15 401 Byp, Laurinburg, NC 28352  
**Phone:** (910) 276-6632  
**Website:** <https://woolymcduffs.com/>
- 14 The Wing Company - Pembroke**  
**Address:** 707 W 3rd St, Pembroke, NC 28372  
**Phone:** (910) 521-8627  
**Website:** <https://www.theoriginalwingco.com/>
- 16 Mi Casita Mexican Restaurant**  
**Address:** 1797 S Main St, Laurinburg, NC 28352  
**Phone:** (910) 276-0032  
**Website:** <https://micasitarestaurants.com/location/mi-casita-laurinburg>
- 18 Arby's**  
**Address:** 1400 S Main St, Laurinburg, NC 28352  
**Phone:** (910) 276-5563  
**Website:** <https://locations.arbys.com/nc/laurinburg/1400-s-main-st.html>



## businesses

- 1 Campbell Soup Company**  
**Address:** 2120 North Carolina Highway 71 N, Maxton, NC 28364  
**Phone:** +1 910-844-5631  
**Website:** <https://www.campbells.com/>
- 3 Training & Development Associate**  
**Address:** 131 Atkinson St, Laurinburg, NC 28352  
**Phone:** (910) 277-1275  
**Website:** <https://www.tdainc.org/>
- 5 Tuff Digital Marketing**  
**Address:** 202 Main St, 107, Pembroke, NC 28372  
**Phone:** (910) 364-9101  
**Website:** <https://tuffdigitalmarketing.com/>
- 7 COMtech Business Park**  
**Address:** 49 Livermore Dr, Pembroke, NC 28372  
**Phone:** (910) 522-9944  
**Website:** <https://www.facebook.com/COMtechBusinessPark>
- 9 M2 Building Company Llc**  
**Address:** 309 S Main St, Laurinburg, Nc 28352  
**Phone:** (910) 501-3066
- 11 Industrial & Agricultural Chemicals, Inc.**  
**Address:** 2042 Buie Philadelphus Rd, Red Springs, NC 28377  
**Phone:** (910) 843-2121
- 13 Southeastern Grain Company**  
**Address:** 1108 Daniel Mcleod Rd, Red Springs, NC 28377  
**Phone:** (910) 843-3682
- 15 Lumberton Chamber of Commerce**  
**Address:** 800 N Chestnut St, Lumberton, NC 28358  
**Phone:** (910) 739-4750  
**Website:** <http://lumbertonchamber.com/>
- 17 Nazka Business Services LLC**  
**Address:** Private Address in Raeford, NC  
**Phone:** (910) 317-1007  
**Website:** <https://nazka-business-services-llc.business.site/>
- 2 Laurinburg-Scotland County Area Chamber of Commerce**  
**Address:** 606 Atkinson St, Laurinburg, NC 28352  
**Phone:** (910) 276-7420  
**Website:** <https://www.laurinburgchamber.com/>
- 4 Railroad Friction Products Corp**  
**Address:** 13601 Airport Rd, Maxton, NC 28364  
**Phone:** (910) 844-9700  
**Website:** <https://www.wabteccorp.com/>
- 6 Silgan Containers Corp**  
**Address:** 2120 Nc 71 Highway N Unit A, Maxton, NC 28364  
**Phone:** (910) 844-4141  
**Website:** <https://www.silgancontainers.com/>
- 8 Helena Chemical**  
**Address:** 17321 Harry Malloy Rd, Laurinburg, NC 28352  
**Phone:** (910) 276-6310  
**Website:** <http://www.helenaagri.com/>
- 10 Coastal AgroBusiness**  
**Address:** 7479 Old Maxton Rd, Red Springs, NC 28377  
**Phone:** (910) 843-1630  
**Website:** <https://www.coastalagro.com/>
- 12 UNCP School of Business**  
**Address:** 1 University Rd, Pembroke, NC 28372  
**Phone:** (910) 521-6214  
**Website:** <https://www.uncp.edu/academics/colleges-schools/thomas-school-business>
- 14 Meritor, Inc**  
**Address:** 22021 Skyway Church Rd, Maxton, NC 28364  
**Phone:** (910) 844-9401  
**Website:** <https://www.meritor.com/>
- 16 Chamber of Commerce**  
**Address:** 101 N Main St, Raeford, NC 28376  
**Phone:** (910) 875-5929  
**Website:** <https://www.cleggs.com/locations/fayetteville/>
- 18 Helena Chemical**  
**Address:** 13866 Us 301 Hwy S, Rowland, NC 28383  
**Phone:** (910) 422-8901  
**Website:** <http://www.helenaagri.com/>



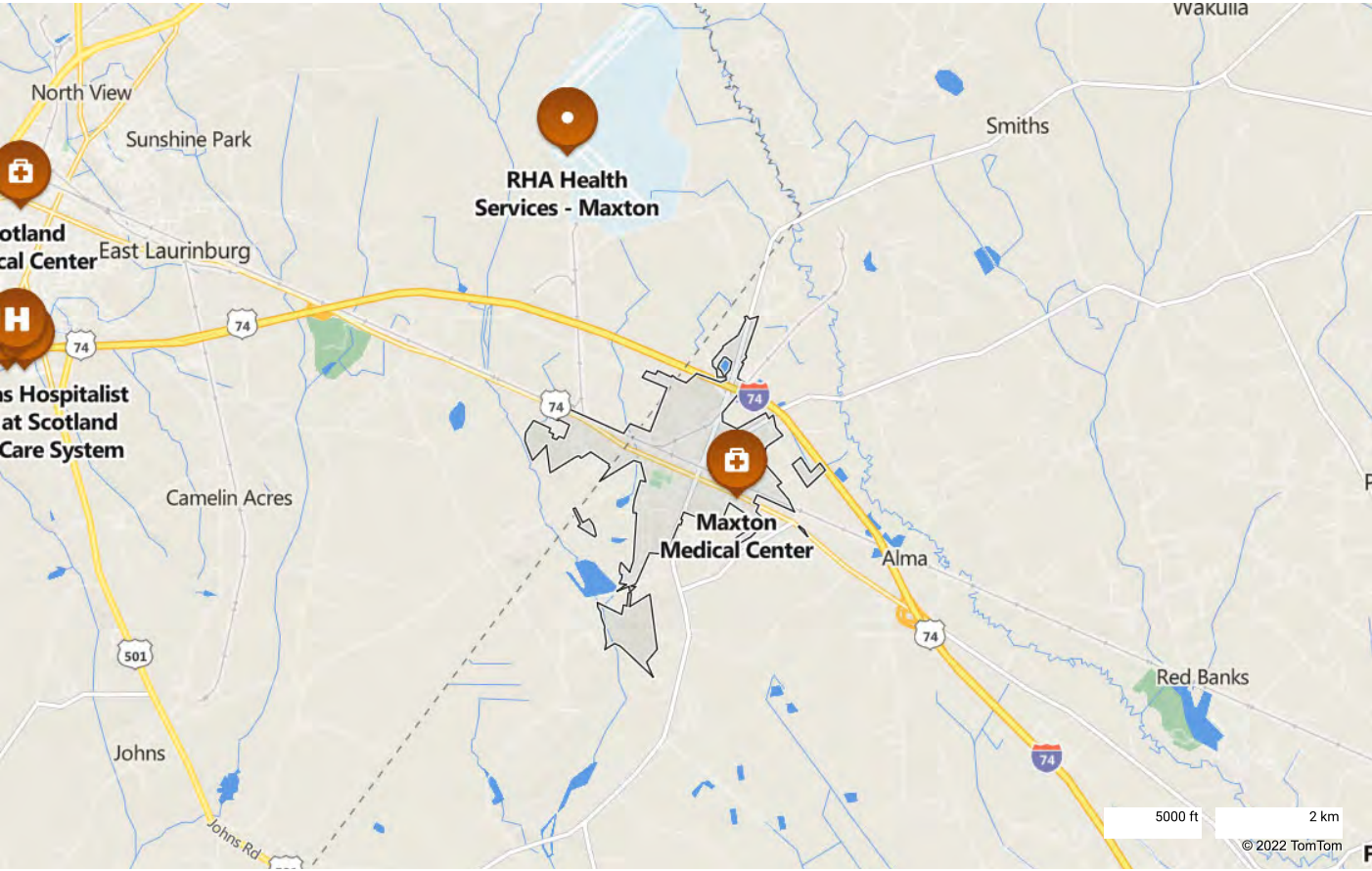
## **ATTACHMENT 19:**

### **Health Care and Social Services**



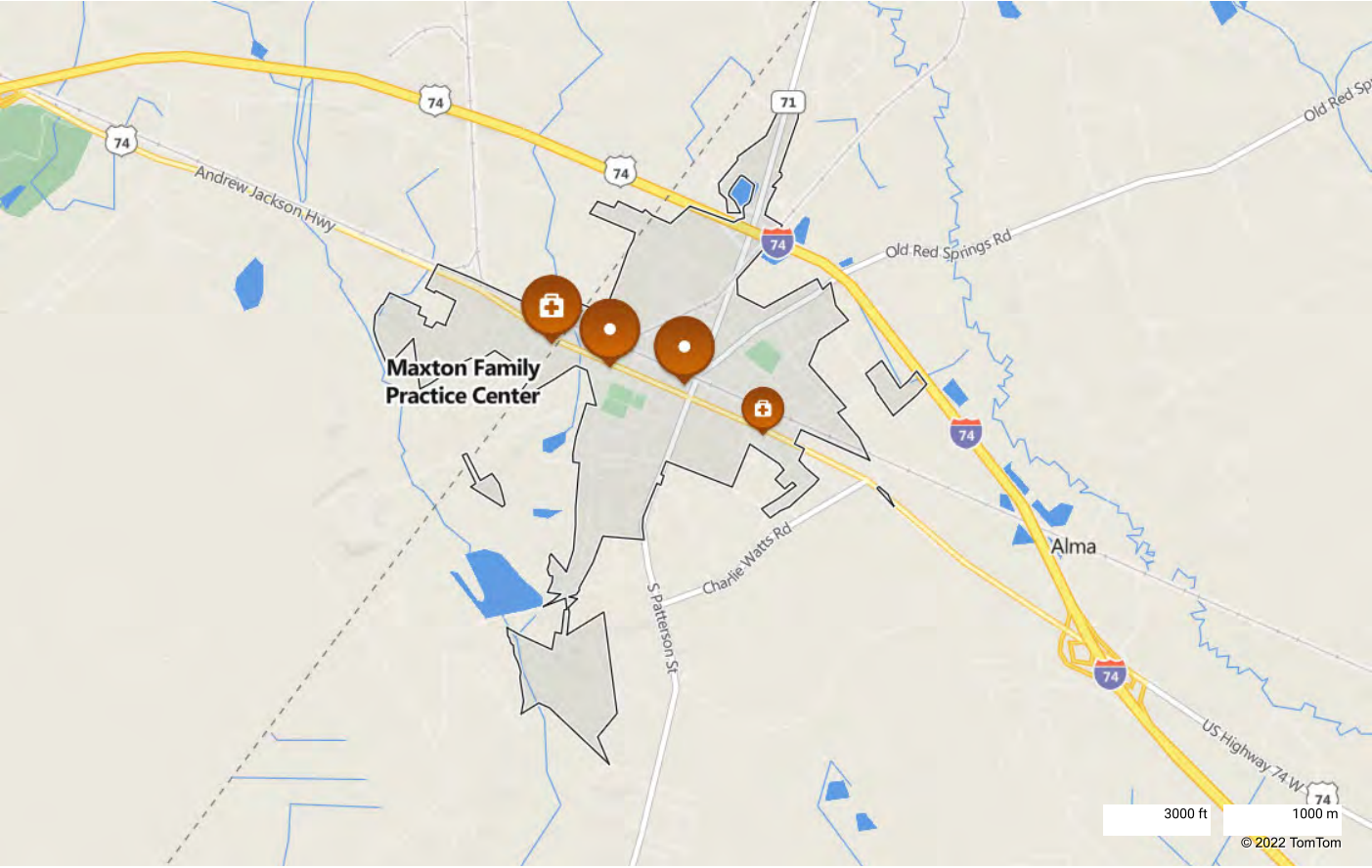
## hospitals

- 1 Scotland Memorial Hospital**  
**Address:** 500 Lauchwood Dr, Laurinburg, NC 28352  
**Phone:** (910) 291-7000  
**Website:** <https://www.scotlandhealth.org/locations/detail/scotland-memorial-hospital>
- 3 Maxton Medical Center**  
**Address:** 610 E Dr Martin Luther King Jr Dr, Maxton, NC 28364  
**Phone:** (910) 844-5253  
**Website:** <https://www.rhcchealth.org/>
- 5 Scotland Medical Center**  
**Address:** 422 S King St, Laurinburg, NC 28352  
**Phone:** (910) 276-2100  
**Website:** <https://www.scotlandhealth.org/>
- 7 Scotland Health Center**  
**Address:** 507 Lauchwood Dr, Laurinburg, NC 28352  
**Phone:** (910) 506-4682  
**Website:** <https://www.rhcchealth.org/>
- 9 Pembroke Veterinary Hospital**  
**Address:** 1447 Prospect Rd, Pembroke, NC 28372  
**Phone:** (910) 521-3431  
**Website:** <https://www.pembrokeanimalhosp.com/>
- 11 UNC Health Primary and Specialty Care at Pembroke**  
**Address:** 923 W. Third St., Suite B, Pembroke, NC 28372  
**Phone:** (910) 775-9027  
**Website:** <https://www.uncpn.com/pn/practices-locations/robeson-county/unc-health-primary-and-specialty-care-at-pembroke/>
- 2 Carolinas Hospitalist Group at Scotland Health Care System**  
**Address:** 500 Lauchwood Dr, Laurinburg, NC 28352  
**Phone:** (910) 276-2406  
**Website:** <https://atriumhealth.org/locations/detail/carolinas-hospitalist-group-at-scotland-health-care-system>
- 4 Fresenius Medical Care at Scotland Hospital**  
**Address:** 500 Lauchwood Dr, Laurinburg, NC 28352  
**Website:** <https://www.freseniuskidneycare.com/>
- 6 Southeastern Urgent Care Pembroke**  
**Address:** 923 W 3rd St, Pembroke, NC 28372  
**Phone:** (910) 521-0564  
**Website:** <https://scotlandhealth.org/pembroke>
- 8 Atrium Health Anson**  
**Address:** 2301 US Highway 74 W, Lumberton, NC 28360  
**Phone:** (704) 994-4500  
**Website:** [https://atriumhealth.org/locations/detail/atrium-health-anson?utm\\_source=GMB&utm\\_medium=Organic&utm\\_campaign=GCR](https://atriumhealth.org/locations/detail/atrium-health-anson?utm_source=GMB&utm_medium=Organic&utm_campaign=GCR)
- 10 RHA Health Services - Maxton**  
**Address:** 15235 Airport Rd, Maxton, NC 28364  
**Phone:** (910) 844-9664  
**Website:** <https://rhahealthservices.org/>
- 12 Fresenius Kidney Care Pembroke**  
**Address:** 1327 Harry West Ln, Pembroke, NC 28372  
**Phone:** (800) 881-5101  
**Website:** [https://www.freseniuskidneycare.com/dialysis-centers/north-carolina/6731?utm\\_campaign=Website&utm\\_medium=&utm\\_source=YextGMB&utm\\_content=6731&y\\_source=1\\_MjYyNDE0OC03MTUtbG9jYXRpb24ud2Vic2l0ZQ%3D%3D](https://www.freseniuskidneycare.com/dialysis-centers/north-carolina/6731?utm_campaign=Website&utm_medium=&utm_source=YextGMB&utm_content=6731&y_source=1_MjYyNDE0OC03MTUtbG9jYXRpb24ud2Vic2l0ZQ%3D%3D)



## health care

- 1 Maxton Family Practice Center**  
**Address:** 1001 W DR Martin Luther King Jr Dr, Maxton, NC 28364  
**Phone:** (910) 844-4077  
**Website:** <https://www.scotlandhealth.org/>
- 3 Scotland Medical Center**  
**Address:** 422 S King St, Laurinburg, NC 28352  
**Phone:** (910) 276-2100  
**Website:** <https://www.scotlandhealth.org/>
- 5 Trinity Homecare of Roberson County**  
**Address:** 603 E Dr Martin Luther King Jr Dr, Maxton, NC 28364  
**Phone:** (910) 844-7049  
**Website:** <http://www.insiderpages.com/b/15245942952/trinity-homecare-of-roberson-maxton>
- 7 Robeson Health Care Corporation**  
**Address:** 300 E 3rd St, Pembroke, NC 28372  
**Phone:** (910) 521-1464  
**Website:** <https://www.rhcchealth.org/>
- 9 Healthkeeperz - Scotland Office**  
**Address:** 700 Progress Pl Ste C, Laurinburg, NC 28352  
**Phone:** (800) 309-3784  
**Website:** <https://healthkeeperz.com/>
- 11 Scotland County Health Department**  
**Address:** 1405 West Blvd, Laurinburg, NC 28352  
**Phone:** (910) 277-2440  
**Website:** <https://www.scotlandcounty.org/148/Health-Department-Do-Not-Delete>
- 2 Scotland Health Care System**  
**Address:** 500 Lauchwood Dr, Laurinburg, NC 28352  
**Phone:** (910) 291-7000  
**Website:** <https://www.scotlandhealth.org/>
- 4 T T & T Services**  
**Address:** 106 Mccabe St, Maxton, NC 28364  
**Phone:** (910) 844-1189  
**Website:** <https://ttandtsservices.org/contact>
- 6 Unity Home Care**  
**Address:** 11279 Deep Branch Rd, Maxton, NC 28364  
**Phone:** (910) 522-5254  
**Website:** <https://www.unityhomecare.org/>
- 8 Caring Touch Home Health Care**  
**Address:** 799 James Lynn Dr, Pembroke, NC 28372  
**Phone:** (910) 521-9175  
**Website:** <https://caringtouch.net/>
- 10 Advantage Behavioral Health**  
**Address:** 405 Biggs St, Laurinburg, NC 28352  
**Phone:** (910) 610-4444  
**Website:** <https://advantagebeh.com/>
- 12 Pembroke Center**  
**Address:** 310 E Wardell Dr, Pembroke, Nc 28372  
**Phone:** (910) 521-1273  
**Website:** <https://www.geneshihcc.com/>



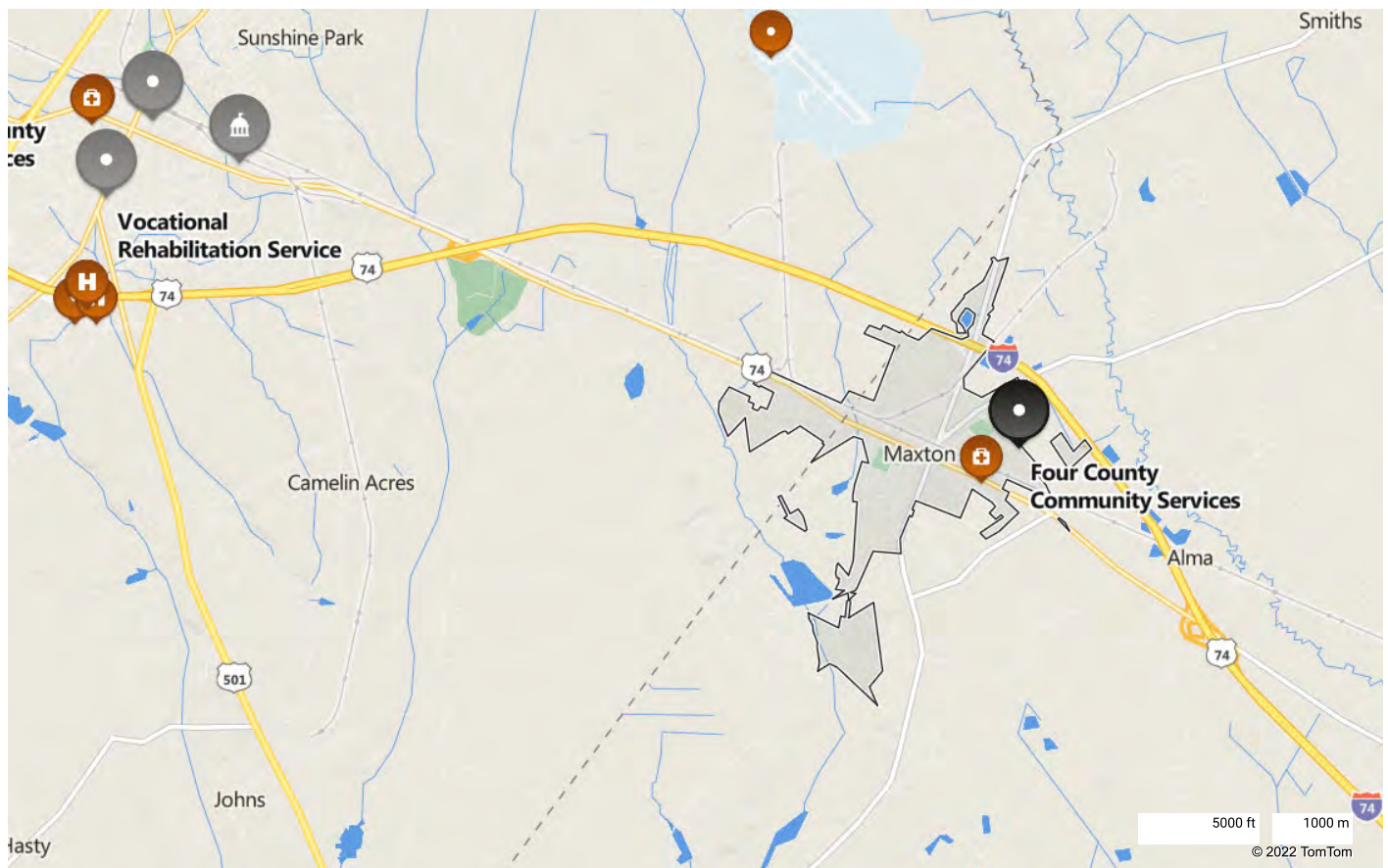


## Four County Community Services

**Address:** 613 E Rockingham Rd, Maxton, NC 28364

**Phone:** +1 910-844-3406

**Website:** <https://scapnc.org/>

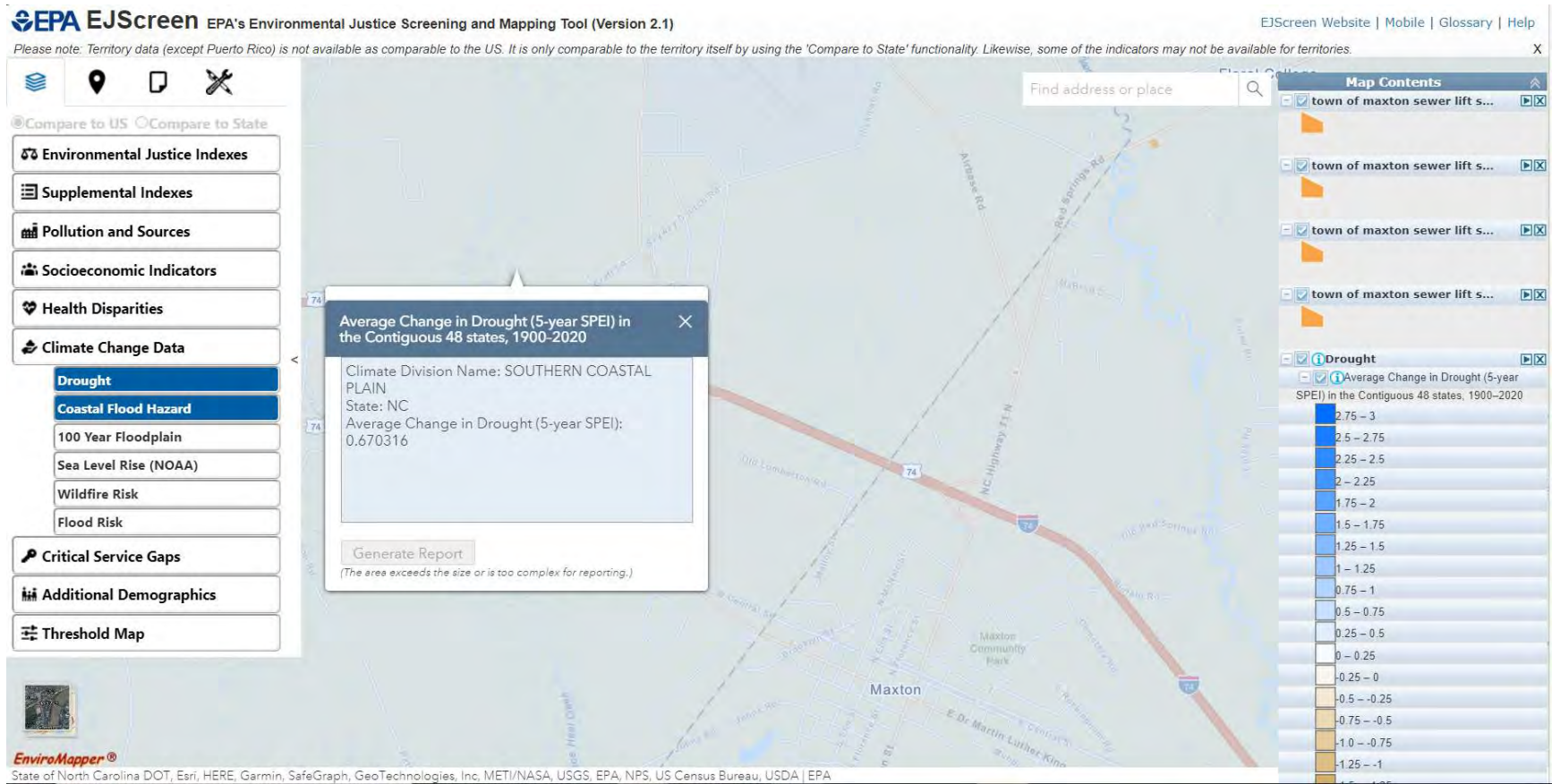




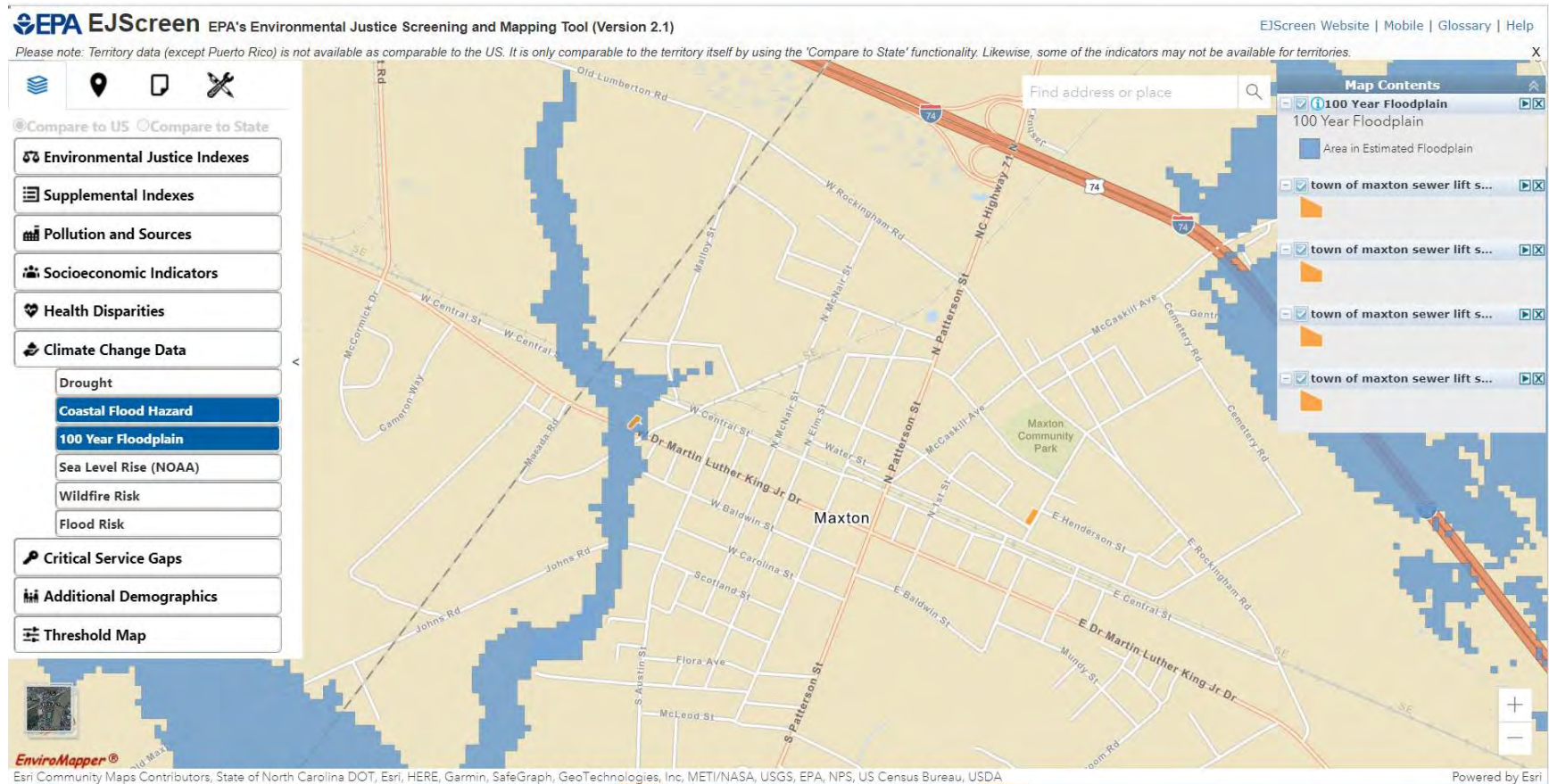
## **ATTACHMENT 20:**

### **Climate Change**

# Maxton SLS All – Average Change in Drought

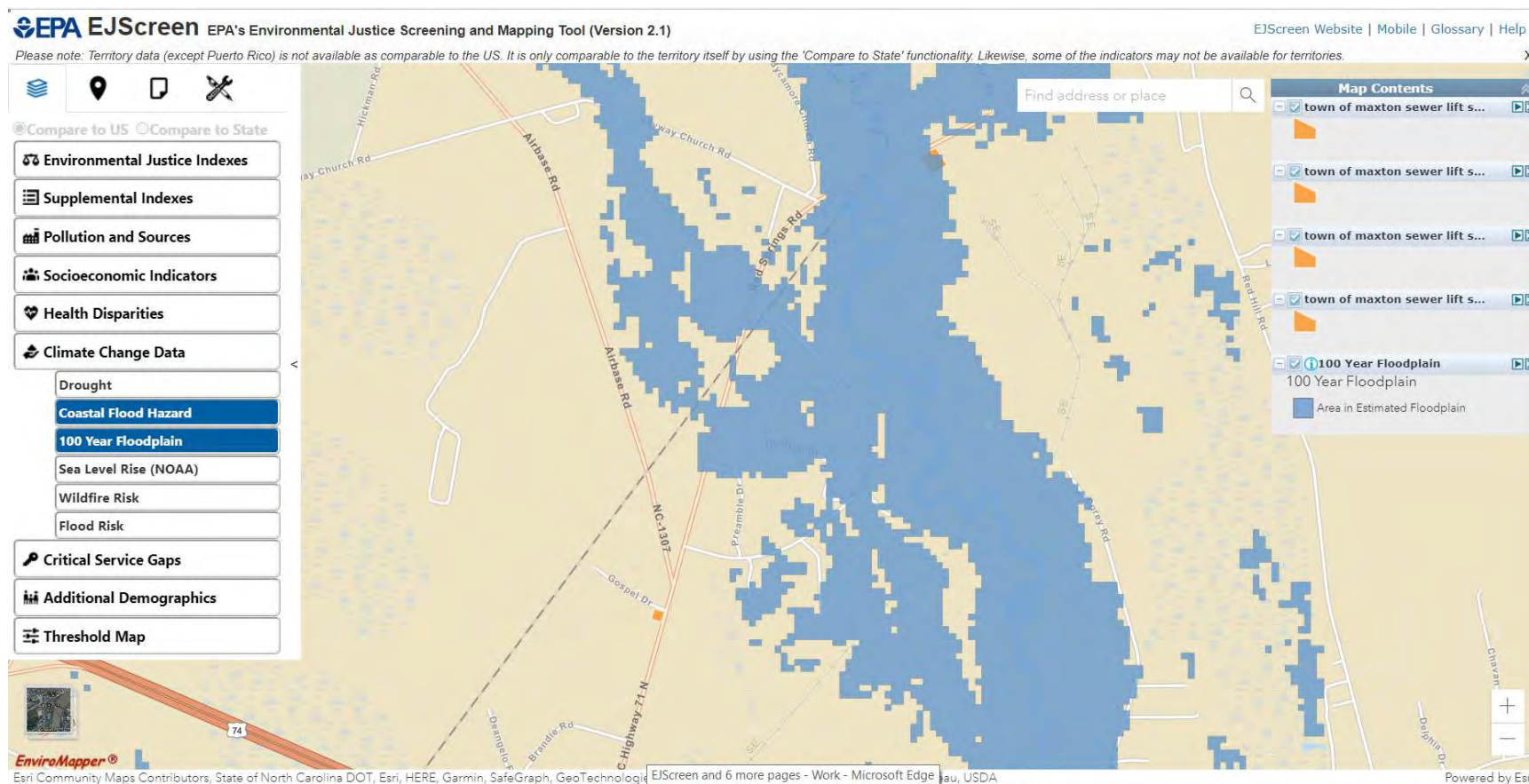


# Maxton SLS Nos. 5 and 7 – 100-year Floodplain Projections

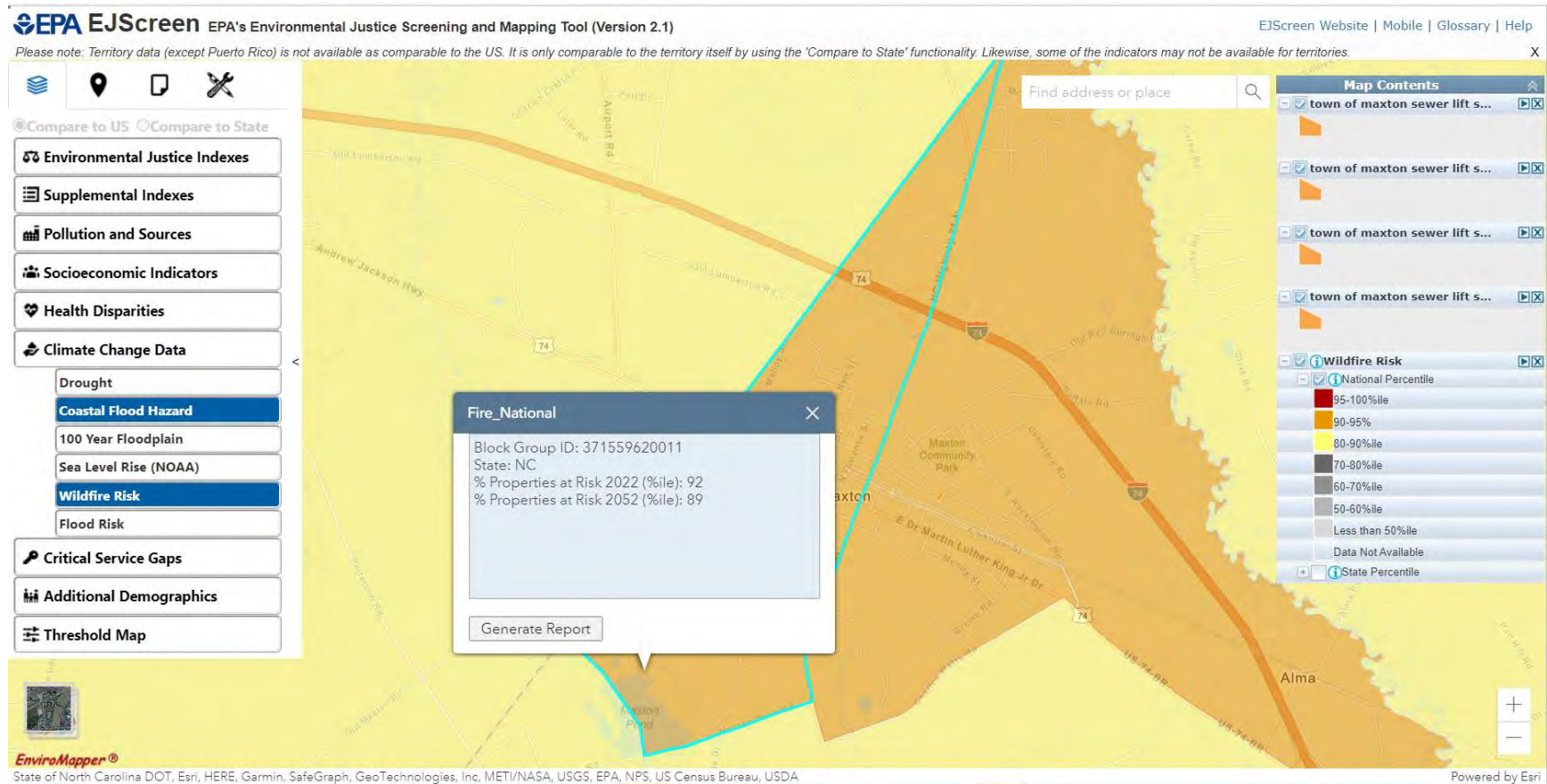




# Maxton SLS Nos. 10 and 11 – 100-year Floodplain Projections

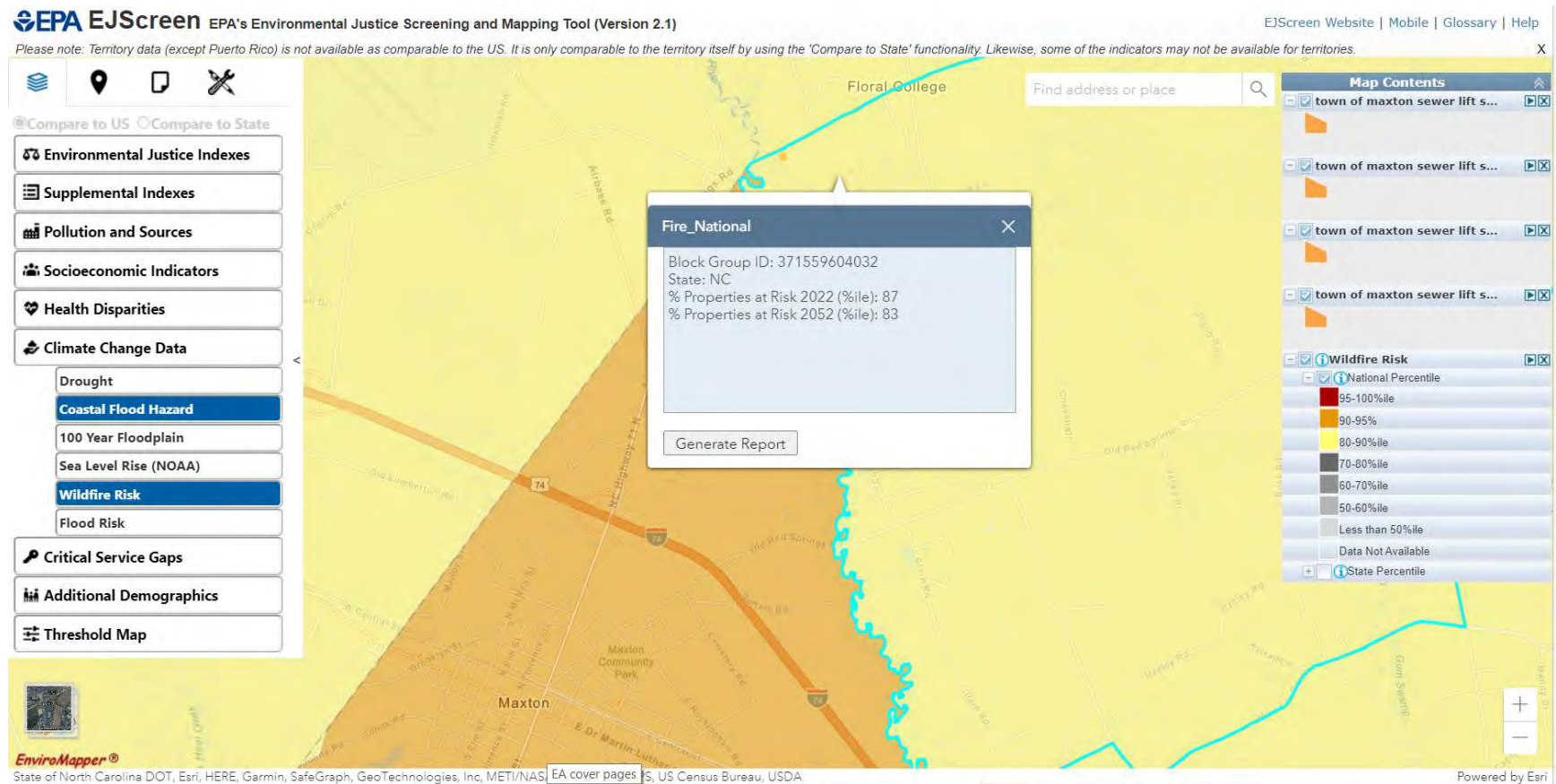


## Maxton SLS Nos. 5, 7 and 10 – Wildfire Risk

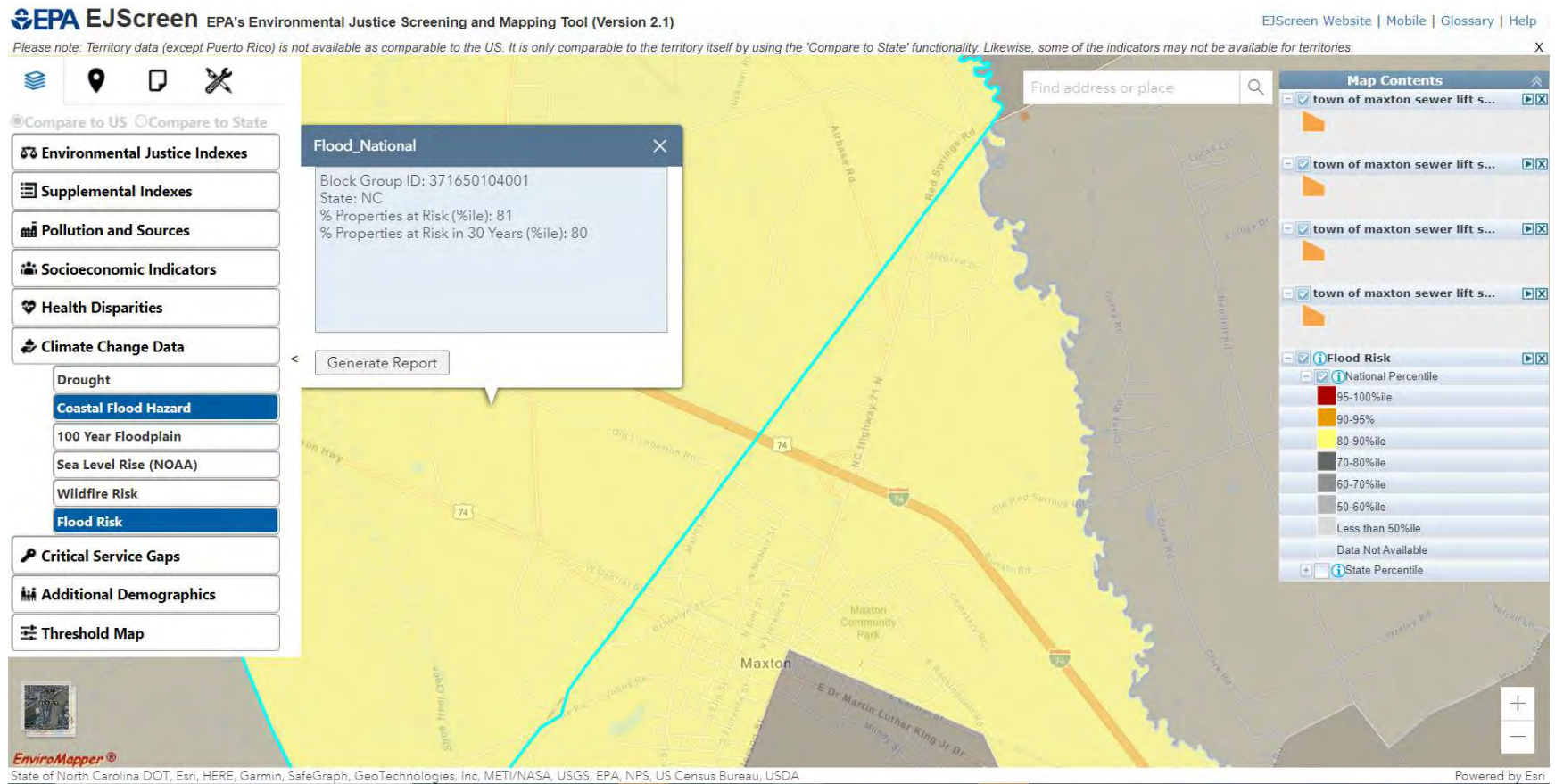




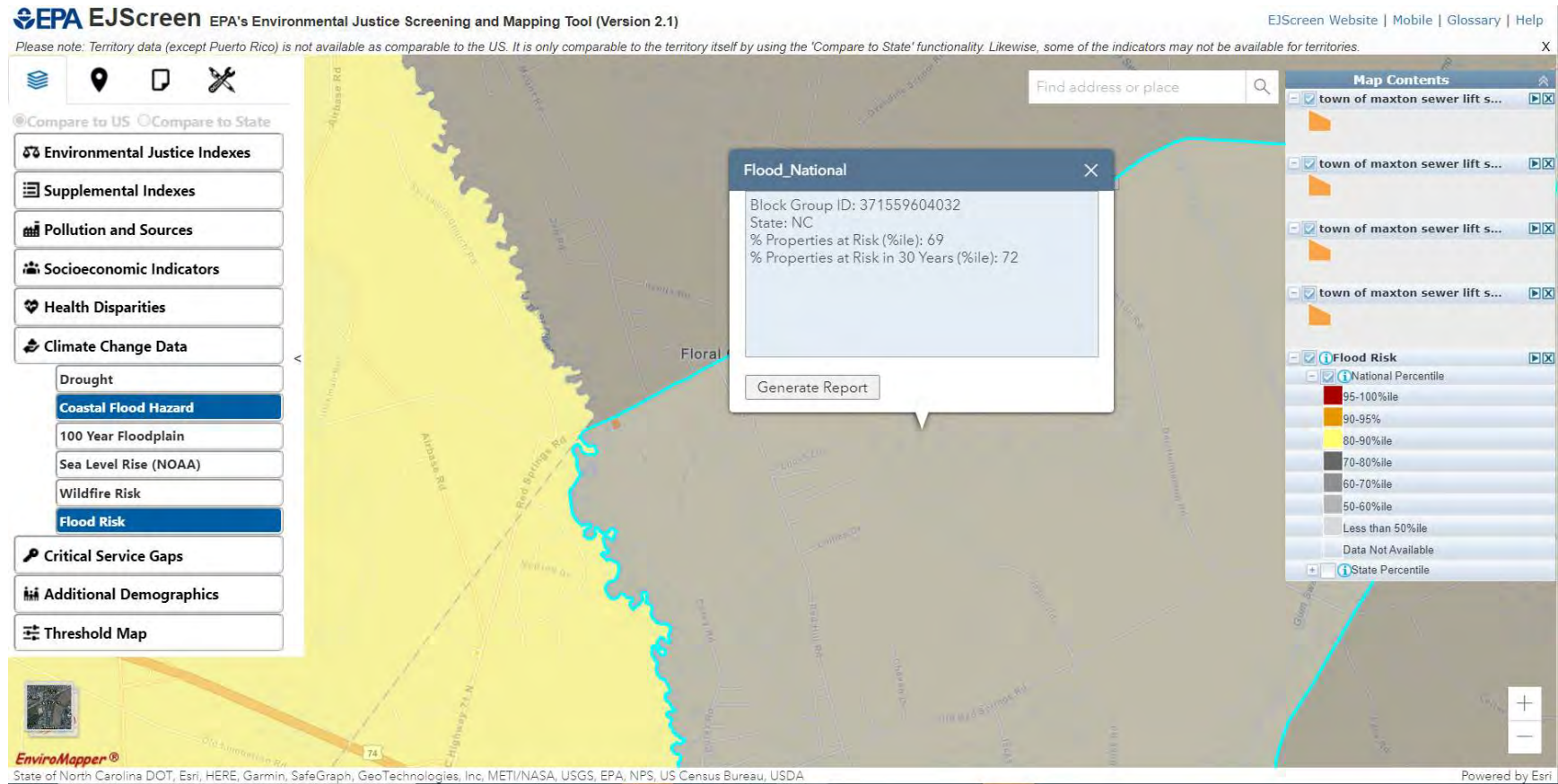
# Maxton SLS No. 11 – Wildfire Risk



# Maxton SLS Nos. 5, 7 and 10 – Flood Risk



# Maxton SLS No. 11 – Flood Risk





## Robeson County - Climate Mapping

37155

Robeson County

### Hazard Report

## Extreme Heat

 Robeson County, North Carolina



Total Population  
132,596



Non-Hispanic White Population (%)  
75%



Income Below Poverty in Last 12 Mo (%)  
28%



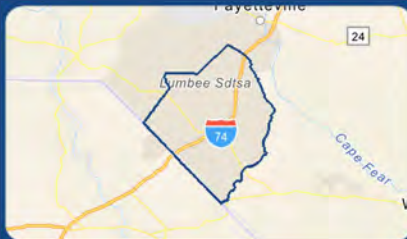
Building Codes Hazard Resistance  
Lower Resistance



% Population Disadvantaged  
100.00%

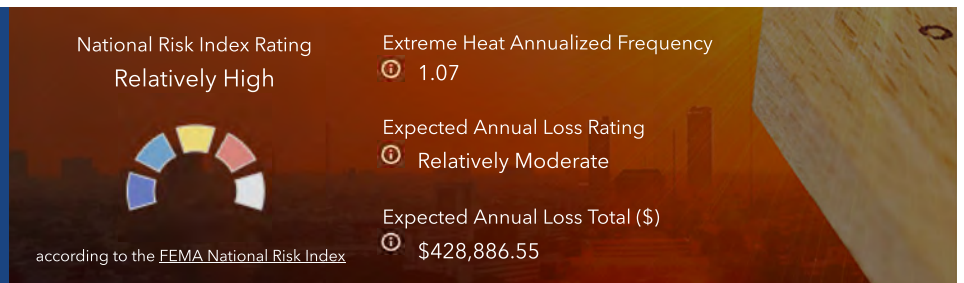


[Explore additional data](#)



 U.S. Climate Resilience Toolkit

Source: Census Bureau, CEQ, Esri, FEMA, MRLC, NOAA, UCSD



### Future Climate Indicators

Indicator	Modeled History (1976 - 2005)	Early Century (2015 - 2044)	
		Lower Emissions	Higher Emissions
		Min - Max	Min - Max
Temperature thresholds:			
Annual days with maximum temperature > 90°F	50 days	83 days	86 days
	50 - 58	58 - 103	65 - 104
Annual days with maximum temperature > 95°F	12 days	30 days	32 days
	10 - 15	13 - 47	18 - 54
Annual days with maximum temperature > 100°F	1 days	6 days	6 days
	1 - 2	1 - 13	2 - 16
Annual days with maximum temperature > 105°F	0 days	1 days	1 days
	0 - 0	0 - 2	0 - 3
Annual temperature:			
Annual single highest maximum temperature °F	99 °F	103 °F	103 °F
	99 - 100	99 - 104	100 - 105
Annual highest maximum temperature averaged over a 5-day period °F	96 °F	99 °F	99 °F
	95 - 97	96 - 101	97 - 102
Cooling degree days (CDD)	1838 degree-days	2,290 degree-days	2,332 degree-days
	1765 - 1931	1,973 - 2,641	2,054 - 2,578

## Robeson County - Climate Mapping

37155

Robeson County

### Hazard Report

## Drought

 Robeson County, North Carolina



Total Population  
132,596



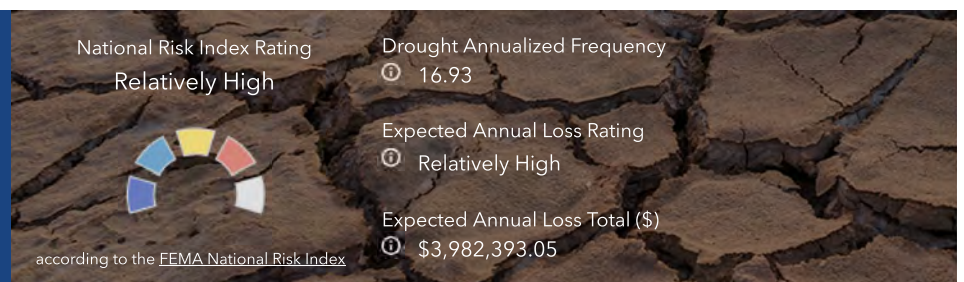
Non-Hispanic White Population (%)  
75%



Income Below Poverty in Last 12 Mo (%)  
28%



Building Codes Hazard Resistance  
Lower Resistance



### Future Climate Indicators

Indicator	Modeled History (1976 - 2005)	Early Century (2015 - 2044)	
		Lower Emissions	Higher Emissions
	Min - Max	Min - Max	Min - Max
Precipitation:			
Average annual total precipitation	47"	48"	49"
	45 - 49	45 - 52	44 - 52

% Population Disadvantaged

100.00%

[Explore additional data](#)

U.S. Climate Resilience Toolkit

Source: Census Bureau, CEQ, Esri, FEMA, MRLC, NOAA, UCSD

Days per year with precipitation (wet days)	<b>186 days</b>	<b>185 days</b>	<b>184 days</b>
	180 - 191	168 - 195	162 - 197
Days per year with no precipitation (dry days)	<b>179 days</b>	<b>180 days</b>	<b>181 days</b>
	174 - 185	171 - 197	168 - 203
Maximum number of consecutive dry days	<b>13 days</b>	<b>14 days</b>	<b>13 days</b>
	12 - 16	12 - 17	12 - 15
Temperature thresholds:			
Annual days with maximum temperature > 90 °F	<b>50 days</b>	<b>83 days</b>	<b>86 days</b>
	50 - 58	58 - 103	65 - 104
Annual days with maximum temperature > 100 °F	<b>1 days</b>	<b>6 days</b>	<b>6 days</b>
	1 - 2	1 - 13	2 - 16

Robeson County - Climate Mapping

37155  
Robeson County

Hazard Report

Wildfire

Robeson County, North Carolina

Total Population

132,596

Non-Hispanic White Population (%)

75%

Income Below Poverty in Last 12 Mo (%)

28%

Building Codes Hazard Resistance

Lower Resistance

% Population Disadvantaged

100.00%

[Explore additional data](#)

U.S. Climate Resilience Toolkit

Source: Census Bureau, CEQ, Esri, FEMA, MRLC, NOAA, UCSD

National Risk Index Rating

Relatively Moderate

Wildfire Annualized Frequency

0.00

Wildfire Hazard Potential (Mean)

-376.36

according to the FEMA National Risk Index

Future Climate Indicators

Indicator	Modeled History (1976 - 2005)	Early Century (2015 - 2044)	
		Lower Emissions	Higher Emissions
	Min - Max	Min - Max	Min - Max
Precipitation:			
Days per year with no precipitation (dry days)	<b>179 days</b>	<b>180 days</b>	<b>181 days</b>
	174 - 185	171 - 197	168 - 203
Maximum number of consecutive dry days	<b>13 days</b>	<b>14 days</b>	<b>13 days</b>
	12 - 16	12 - 17	12 - 15
Days per year with precipitation (wet days)	<b>186 days</b>	<b>185 days</b>	<b>184 days</b>
	180 - 191	168 - 195	162 - 197
Temperature thresholds:			
Annual days with maximum temperature > 90°F	<b>50 days</b>	<b>83 days</b>	<b>86 days</b>
	50 - 58	58 - 103	65 - 104
Annual days with maximum temperature > 100°F	<b>1 days</b>	<b>6 days</b>	<b>6 days</b>
	1 - 2	1 - 13	2 - 16

Robeson County - Climate Mapping

37155  
Robeson County



## Hazard Report

# Flooding

📍 Robeson County, North Carolina



Total Population  
132,596



Non-Hispanic White Population (%)  
75%



Income Below Poverty in Last 12 Mo (%)  
28%



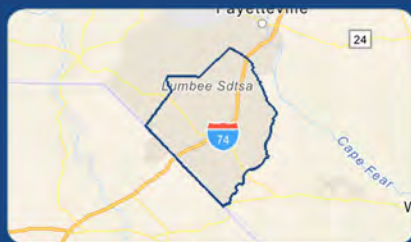
Building Codes Hazard Resistance  
Lower Resistance



% Population Disadvantaged  
100.00%



[Explore additional data](#)



U.S. Climate Resilience Toolkit

Source: Census Bureau, CEQ, Esri, FEMA, MRLC, NOAA, UCSD

National Risk Index Rating  
Relatively Moderate



according to the [FEMA National Risk Index](#)

Flooding Annualized Frequency

0.67

Expected Annual Loss Rating

Relatively Moderate

Expected Annual Loss Total (\$)

\$935,139.57

## Future Climate Indicators

Indicator	Modeled History (1976 - 2005)	Early Century (2015 - 2044)	
		Lower Emissions	Higher Emissions
	Min - Max	Min - Max	Min - Max
<b>Precipitation:</b>			
Annual average total precipitation	47" 45 - 49	48" 45 - 52	49" 44 - 52
Days per year with precipitation (wet days)	186 days 180 - 191	185 days 168 - 195	184 days 162 - 197
Maximum period of consecutive wet days	15 days 12 - 16	15 days 12 - 19	15 days 12 - 19
<b>Annual days with:</b>			
Annual days with total precipitation > 1 inch	6 days 6 - 7	7 days 6 - 8	7 days 6 - 10
Annual days with total precipitation > 2 inches	1 days 0 - 1	1 days 0 - 1	1 days 0 - 1
Annual days with total precipitation > 3 inches	0 days 0 - 0	0 days 0 - 0	0 days 0 - 0
Annual days that exceed 99th percentile precipitation	6 days 6 - 7	7 days 7 - 8	7 days 7 - 8
Days with maximum temperature below 32 °F	1 days 0 - 1	0 days 0 - 1	0 days 0 - 1

## Robeson County - Climate Mapping

37155

Robeson County

## Hazard Report

# Coastal Inundation

📍 Robeson County, North Carolina



Total Population  
132,596



Non-Hispanic White Population (%)  
75%



Income Below Poverty in Last 12 Mo (%)  
28%



Building Codes Hazard Resistance  
Lower Resistance



% Population Disadvantaged  
100.00%



[Explore additional data](#)



National Risk Index Rating  
Not Applicable



according to the [FEMA National Risk Index](#)

Coastal Inundation Annualized Frequency

N/A

Expected Annual Loss Rating

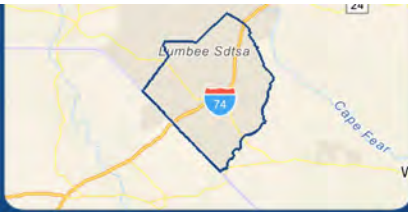
Not Applicable

Expected Annual Loss Total (\$)

N/A

## Future Climate Indicators

Indicator	Modeled History (1976 - 2005)	Early Century (2015 - 2044)	
		Lower Emissions	Higher Emissions
	Min - Max	Min - Max	Min - Max
<b>Sea level rise:</b>			
Percent of selected county impacted by global sea level rise	N/A	N/A	N/A



**U.S. Climate Resilience Toolkit**

Source: Census Bureau, CEQ, Esri, FEMA, MRLC, NOAA, UCSD

## **ATTACHMENT 21:**

### **State Environmental Clearinghouse Comments**

## **SCH Draft EA Comments**



Roy Cooper  
Governor

Pamela B. Cashwell  
Secretary

March 8, 2023

Andrea Gievers  
NC Department of Public Safety  
Office of Recovery and Resiliency  
Post Office Box 110465  
Durham, NC 27709-

**Re: SCH File # 23-E-0000-0156 Proposed project is for the Town of Maxton Sewer Lift Station Generators Project located at four, existing sewer lift stations In Maxton, NC. Proposed project will install auxiliary power generators at four (4) sewer lift stations which move raw sewage from neighborhoods in the Town to the central**

Dear Andrea Gievers:

The above referenced environmental impact information has been submitted to the State Clearinghouse under the provisions of the National Environmental Policy Act. According to G.S. 113A-10, when a state agency is required to prepare an environmental document under the provisions of federal law, the environmental document meets the provisions of the State Environmental Policy Act.

Attached to this letter are comments made by the agencies in the review of this document. If any further environmental review documents are prepared for this project, they should be forwarded to this office for intergovernmental review.

If you have any questions, please do not hesitate to contact me at (984) 236-0000.

Sincerely,

CRYSTAL BEST  
State Environmental Review Clearinghouse

#### Attachments

Mailing  
1301 Mail Service Center | Raleigh, NC 27699-1301



[ncadmin.nc.gov](http://ncadmin.nc.gov)

Location  
116 West Jones St. | Raleigh NC 27603  
984-236-0000 T



Control No.: 23-E-0000-0156

Date Received: 2/3/2023

County.: ROBESON

Agency Response: 3/6/2023

Review Closed: 3/6/2023

JINTAO WEN  
CLEARINGHOUSE COORDINATOR  
DPS - DIV OF EMERGENCY MANAGEMENT

#### Project Information

Type: National Environmental Policy Act ironmental Assessment

Applicant: NC Department of Public Safety

Project Desc.: Proposed project is for the Town of Maxton Sewer Lift Station Generators Project located at four, existing sewer lift stations In Maxton, NC. Proposed project will install auxiliary power generators at four (4) sewer lift stations which move raw sewage from neighborhoods in the Town to the central processing facility and will mitigate against potential backups and lack of capacity during future storm events.

As a result of this review the following is submitted:

☒ No Comment

☐ Comments Below

☐ Documents Attached

Reviewed By: JINTAO WEN

Date: 2/27/2023

Control No.: 23-E-0000-0156

Date Received: 2/3/2023

County.: ROBESON

Agency Response: 3/6/2023

Review Closed: 3/6/2023

JESSICA MOSLEY  
CLEARINGHOUSE COORDINATOR  
DEPT OF TRANSPORTATION

Project Information

Type: National Environmental Policy Act ironmental Assessment

Applicant: NC Department of Public Safety

Project Desc.: Proposed project is for the Town of Maxton Sewer Lift Station Generators Project located at four, existing sewer lift stations In Maxton, NC. Proposed project will install auxiliary power generators at four (4) sewer lift stations which move raw sewage from neighborhoods in the Town to the central processing facility and will mitigate against potential backups and lack of capacity during future storm events.

As a result of this review the following is submitted:

☒ No Comment

☐ Comments Below

☐ Documents Attached

Reviewed By: JESSICA MOSLEY

Date: 3/2/2023

Control No.: 23-E-0000-0156

Date Received: 2/3/2023

County.: ROBESON

Agency Response: 3/6/2023

Review Closed: 3/6/2023

DEVON BORGARDT  
CLEARINGHOUSE COORDINATOR  
DEPT OF NATURAL & CULTURAL  
RESOURCE

#### Project Information

Type: National Environmental Policy Act ironmental Assessment

Applicant: NC Department of Public Safety

Project Desc.: Proposed project is for the Town of Maxton Sewer Lift Station Generators Project located at four, existing sewer lift stations In Maxton, NC. Proposed project will install auxiliary power generators at four (4) sewer lift stations which move raw sewage from neighborhoods in the Town to the central processing facility and will mitigate against potential backups and lack of capacity during future storm events.

As a result of this review the following is submitted:

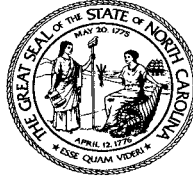
☐ No Comment

☐ Comments Below

☒ Documents Attached

Reviewed By: DEVON BORGARDT

Date: 3/8/2023



**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.

March 7, 2023

**MEMORANDUM**

**TO:** Crystal Best [crystal.best@doa.nc.gov](mailto:crystal.best@doa.nc.gov)  
North Carolina State Clearinghouse  
Department of Administration

**FROM:** Ramona M. Bartos, Deputy  
State Historic Preservation Officer *RMB for Ramona M. Bartos*

**SUBJECT:** Install auxiliary power generators at four sewer lift stations, Maxton, Robeson County,  
23-E-0000-0156, ER 23-0423

Thank you for your submission of February 3, 2023, 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](mailto:environmental.review@ncdcr.gov). In all future communication concerning this project, please cite the above referenced tracking number.

Control No.: 23-E-0000-0156

Date Received: 2/3/2023

County.: ROBESON

Agency Response: 3/6/2023

Review Closed: 3/6/2023

LYN HARDISON  
CLEARINGHOUSE COORDINATOR  
DEPT OF ENVIRONMENTAL QUALITY

#### Project Information

Type: National Environmental Policy Act ironmental Assessment

Applicant: NC Department of Public Safety

Project Desc.: Proposed project is for the Town of Maxton Sewer Lift Station Generators Project located at four, existing sewer lift stations In Maxton, NC. Proposed project will install auxiliary power generators at four (4) sewer lift stations which move raw sewage from neighborhoods in the Town to the central processing facility and will mitigate against potential backups and lack of capacity during future storm events.

As a result of this review the following is submitted:

☐ No Comment

☐ Comments Below

☒ Documents Attached

Reviewed By: LYN HARDISON

Date: 3/6/2023





NORTH CAROLINA  
Environmental Quality

ROY COOPER  
Governor

ELIZABETH S. BISER  
Secretary

To: Crystal Best  
State Clearinghouse  
NC Department of Administration

From: Lyn Biles  
Division of Environmental Assistance and Customer Service  
Washington Regional Office

Re: 23-0156  
Environmental Assessment - Proposed project is to install auxiliary power generators at four (4) sewer lift stations which move raw sewage from neighborhoods in the Town of Maxton to the central processing facility and will mitigate against potential backups and lack of capacity during future storm events.  
Robeson County

Date: March 6, 2023

The Department of Environment Quality has reviewed the proposal for the referenced project. Based on the information provided, 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

State of North Carolina Department of Environmental Quality  
INTERGOVERNMENTAL REVIEW PROJECT COMMENTS

Reviewing Regional Office: FRO  
Project Number: 23-0156 Due Date: 03/01/2023  
County: Robeson

After review of this project, it has been determined that the DEQ permit(s) and/or approvals indicated may need to be obtained 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 \$100 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 type="checkbox"/>	Sedimentation and erosion control must be addressed in accordance with _____ <b>Local Government's</b> 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 04B .0125 – Buffers Zones for Trout Waters shall have an undisturbed buffer zone 25 feet wide or of sufficient width to confine visible siltation within the twenty-five percent (25%) of the buffer zone nearest the land-disturbing activity, whichever is greater.		
<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 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: FRO  
Project Number: 23-0156 Due Date: 03/01/2023  
County: Robeson

	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 forms.	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 checked="" 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: <a href="http://deq.nc.gov/about/divisions/water-resources/water-resources-permits/wastewater-branch/401-wetlands-buffer-permits/401-riparian-buffer-protection-program">http://deq.nc.gov/about/divisions/water-resources/water-resources-permits/wastewater-branch/401-wetlands-buffer-permits/401-riparian-buffer-protection-program</a>		
<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: <a href="http://deq.nc.gov/about/divisions/water-resources/planning/nonpoint-source-management/nutrient-offset-information">http://deq.nc.gov/about/divisions/water-resources/planning/nonpoint-source-management/nutrient-offset-information</a>		
<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 checked="" type="checkbox"/>	Abandonment of any wells, if required must be in accordance with Title 15A. Subchapter 2C.0100.		
<input checked="" type="checkbox"/>	Notification of the proper regional office is requested if "orphan" underground storage tanks (USTS) are discovered during any excavation operation.		
<input 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: FRO  
Project Number: 23-0156 Due Date: 03/01/2023  
County: Robeson

Other Comments (attach additional pages as necessary, being certain to comment authority)

Division	Initials	No comment	Comments	Date Review
DAQ	JDL	<input checked="" type="checkbox"/>		2/21/2023
DWR-WQROS (Aquifer & Surface)	KMB & KMB	<input checked="" type="checkbox"/>	&	2/13/2023
DWR-PWS	HLC	<input checked="" type="checkbox"/>	This project doesn't appear to affect any public water systems.	2/7/2023
DEMLR (LQ & SW)	MAJ	<input type="checkbox"/>	Submit an erosion and sediment control plan (ESCP) at least 30 days prior to initiating land-disturbing activity that satisfy the one (1) acre regulatory threshold. Obtain NPDES Construction Stormwater General Permit NCG010000 Certificate of Coverage prior to initiating land-disturbing activity following approval of the ESCP.	2/13/23
DWM – UST	KEC	<input type="checkbox"/>	The UST Section, Fayetteville Regional Office, does not have record of a petroleum release in the general area of concern for the parcels identified for this project, nor are there any records of registered USTs. Note: Home heating oil USTs are considered non-commercial / non-regulated and do not require registration. Unless there is a prior known petroleum release, the UST Section will not know of the existence of such a UST.  <a href="https://ncdenr.maps.arcgis.com/apps/webappviewer/index.html?id=7dd59be2750b40bebebf49fc383f688">https://ncdenr.maps.arcgis.com/apps/webappviewer/index.html?id=7dd59be2750b40bebebf49fc383f688</a>	2/7/2023
Other Comments		<input type="checkbox"/>		/ /

**REGIONAL OFFICES**

Questions regarding these permits should be addressed to the Regional Office marked below.

- |   |  |  |
|---|--|--|
| <input type="checkbox"/> <b>Asheville Regional Office</b><br>2090 U.S. 70 Highway<br>Swannanoa, NC 28778-8211<br>Phone: 828-296-4500<br>Fax: 828-299-7043 | <input checked="" type="checkbox"/> <b>Fayetteville Regional Office</b><br>225 Green Street, Suite 714,<br>Fayetteville, NC 28301-5043<br>Phone: 910-433-3300<br>Fax: 910-486-0707 | <input type="checkbox"/> <b>Mooreville Regional Office</b><br>610 East Center Avenue, Suite 301,<br>Mooreville, NC 28115<br>Phone: 704-663-1699<br>Fax: 704-663-6040 |
| <input type="checkbox"/> <b>Raleigh Regional Office</b><br>3800 Barrett Drive,<br>Raleigh, NC 27609<br>Phone: 919-791-4200<br>Fax: 919-571-4718           | <input type="checkbox"/> <b>Washington Regional Office</b><br>943 Washington Square Mall,<br>Washington, NC 27889<br>Phone: 252-946-6481<br>Fax: 252-975-3716                      | <input type="checkbox"/> <b>Wilmington Regional Office</b><br>127 Cardinal Drive Ext.,<br>Wilmington, NC 28405<br>Phone: 910-796-7215<br>Fax: 910-350-2004           |
|   | <input type="checkbox"/> <b>Winston-Salem Regional Office</b><br>450 Hanes Mill Road, Suite 300,<br>Winston-Salem, NC 27105<br>Phone: 336-776-9800<br>Fax: 336-776-9797            |  |

ROY COOPER

Governor

ELIZABETH S. BISER

Secretary

MICHAEL SCOTT

Director



NORTH CAROLINA  
Environmental Quality

## MEMORANDUM

TO: Michael Scott, Division Director through Sharon Brinkley

FROM: Amanda Thompson, Environmental Senior Specialist - Solid Waste Section

DATE: February 7, 2023

SUBJECT: Review: SW 23-0156 – Robeson County (Environmental Assessment – NC Dept. of Public Safety – Proposed project is for the Town of Maxton Sewer Lift Station Generators Project located at four existing sewer lift stations in Maxton.)

---

The Division of Waste Management, Solid Waste Section (Section) has reviewed the documents submitted for the subject project in Robeson County, NC. Based on the information provided in this document, the Section at this time does not see an adverse impact on the surrounding communities and likewise knows of no situations in the communities, which would affect this project.

For any planned or proposed projects, it is recommended that during any land clearing, demolition, and construction, the Town of Maxton and/or its contractors would make every feasible effort to minimize the generation of waste, to recycle materials for which viable markets exist, and to use recycled products and materials in the development of this project where suitable. **Any waste generated by and of the project that cannot be beneficially reused or recycled as described, may require disposal of at a solid waste management facility permitted by the Division. The Section strongly recommends that the Town of Maxton require all contractors to provide proof of proper disposal for all generated waste to permitted facilities.**

Permitted solid waste management facilities are listed on the Division of Waste Management, Solid Waste Section portal site at: <https://deq.nc.gov/about/divisions/waste-management/waste-management-rules-data/solid-waste-management-annual-reports/solid-waste-permitted-facility-list>

And the site locator tool at:

<https://ncdenr.maps.arcgis.com/apps/webappviewer/index.html?id=7dd59be2750b40bebebf49fc383f688>

Questions regarding solid waste management for this project should be directed to Mr. David Powell, Environmental Senior Specialist, Solid Waste Section, at (910) 433-3350.

cc: David Powell, Environmental Senior Specialist



North Carolina Department of Environmental Quality | Division of Waste Management  
Fayetteville Regional Office | 225 Green Street, Suite 714 | Fayetteville, North Carolina 28301  
910.433.3300



ROY COOPER  
*Governor*  
ELIZABETH S. BISER  
*Secretary*  
MICHAEL SCOTT  
*Director*



Date: February 6, 2023

To: Michael Scott, Director  
Division of Waste Management

Through: Janet Macdonald  
Inactive Hazardous Sites Branch

From: Katie C Tatum  
Inactive Hazardous Sites Branch

Subject: NEPA Project # 23-0156 NC Department of Public Safety, Robeson County, North Carolina

The Superfund Section has reviewed the proximity of sites under its jurisdiction to the NC Department of Public Safety project. Proposed project is for the Town of Maxton Sewer Lift Station Generators Project located at four, existing sewer lift stations In Maxton, NC. Proposed project will install auxiliary power generators at four (4) sewer lift stations which move raw sewage from neighborhoods in the Town to the central processing facility and will mitigate against potential backups and lack of capacity during future storm events.

Three (3) Superfund Section sites and no (0) Brownfields Program Sites were identified within one mile of the project as shown on the attached report. The Superfund Section recommends that site files be reviewed to ensure that appropriate precautions are incorporated into any construction activities that encounter potentially contaminated soil or groundwater. Superfund Section files can be viewed at: <http://deq.nc.gov/waste-management-laserfiche>.

Please contact Janet Macdonald at 919.707.8349 if you have any questions concerning the Superfund Section review portion of this SEPA/NEPA inquiry.



North Carolina Department of Environmental Quality | Division of Waste Management  
217 West Jones Street | 1646 Mail Service Center | Raleigh, North Carolina 27699-1646  
919.707.8200



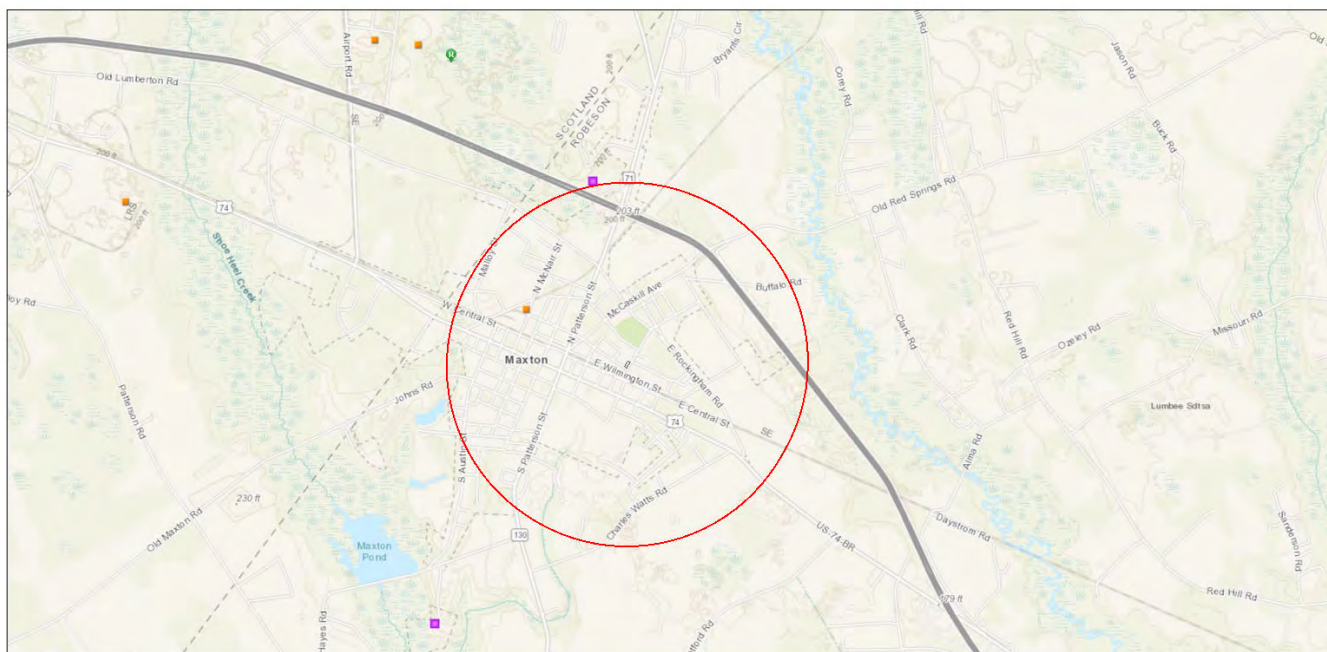
### Area of Interest (AOI) Information

Area : 2,077.56 acres

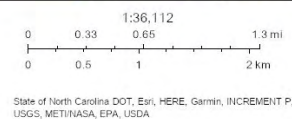
Feb 6 2023 9:38:15 Eastern Standard Time

**Robeson County NEPA project 23-0156**

Map 1: SLS No. 5



- Inactive Hazardous Sites
- NC Brownfields Location\_View
- Recorded
- Pre Regulatory Landfill Sites
- Activity Pending



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	1	N/A	N/A
Pre-Regulatory Landfill Sites	0	N/A	N/A
Brownfields Program Sites	0	N/A	N/A

Inactive Hazardous Sites

#	EPAID	SITENAME	Count
1	NONCD0002049	MAXTON OIL & FERT. CO. - PLANT	1



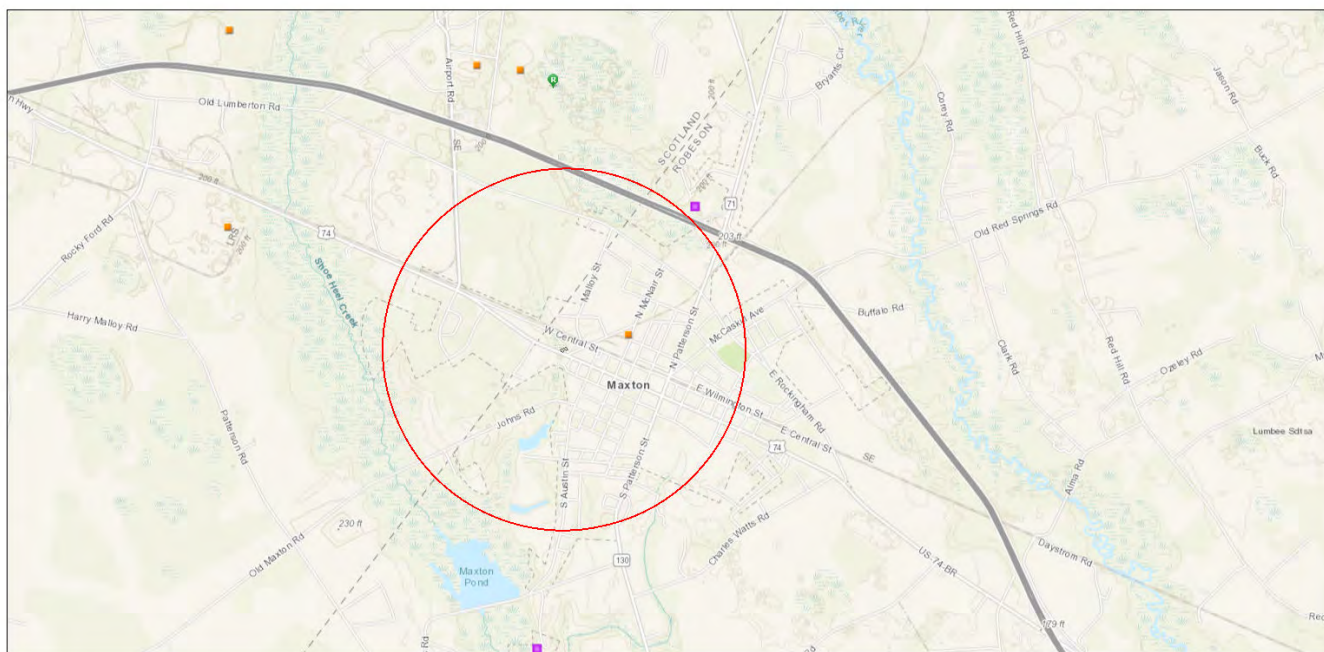
### Area of Interest (AOI) Information

Area : 2,079.22 acres

Feb 6 2023 9:43:25 Eastern Standard Time

Robeson County NEPA project 23-0156

Map 2: SLS No. 7



- Inactive Hazardous Sites
- NC Brownfields Location\_View
- Recorded
- Pre Regulatory Landfill Sites
- Activity Pending

1:36,112  
0 0.33 0.65 1.3 mi  
0 0.5 1 2 km  
State of North Carolina DOT, Esri, HERE, Garmin, INCREMENT P,  
USGS, METI/NASA, EPA, USDA

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	1	N/A	N/A
Pre-Regulatory Landfill Sites	0	N/A	N/A
Brownfields Program Sites	0	N/A	N/A

Inactive Hazardous Sites

#	EPAID	SITENAME	Count
1	NONCD0002049	MAXTON OIL & FERT. CO. - PLANT	1





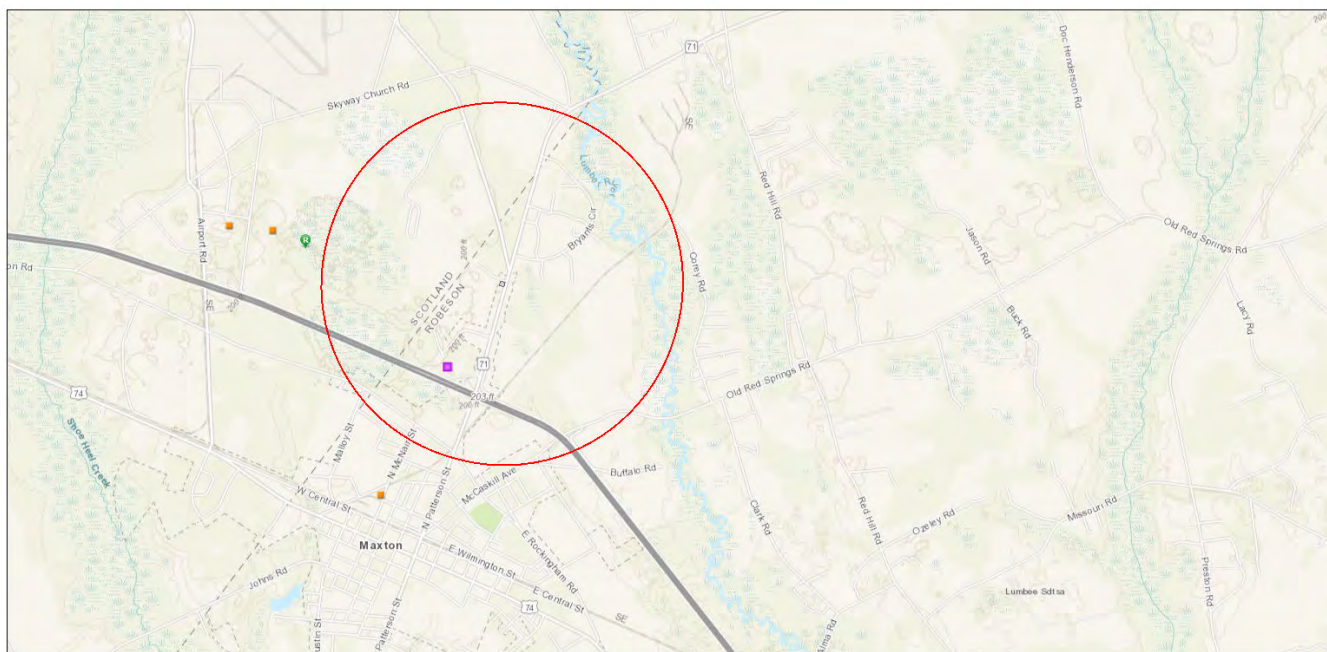
### Area of Interest (AOI) Information

Area : 2,078.62 acres

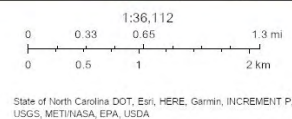
Feb 6 2023 11:43:01 Eastern Standard Time

**Robeson County NEPA project 23-0156**

Map 3: SLS No. 10



- Inactive Hazardous Sites
- NC Brownfields Location\_View
- Recorded
- Pre Regulatory Landfill Sites
- Activity Pending



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	0	N/A	N/A
Pre-Regulatory Landfill Sites	1	N/A	N/A
Brownfields Program Sites	0	N/A	N/A

Pre-Regulatory Landfill Sites

#	EPAID	SITENAME	Count
1	NONCD0000524	Maxton Dump	1



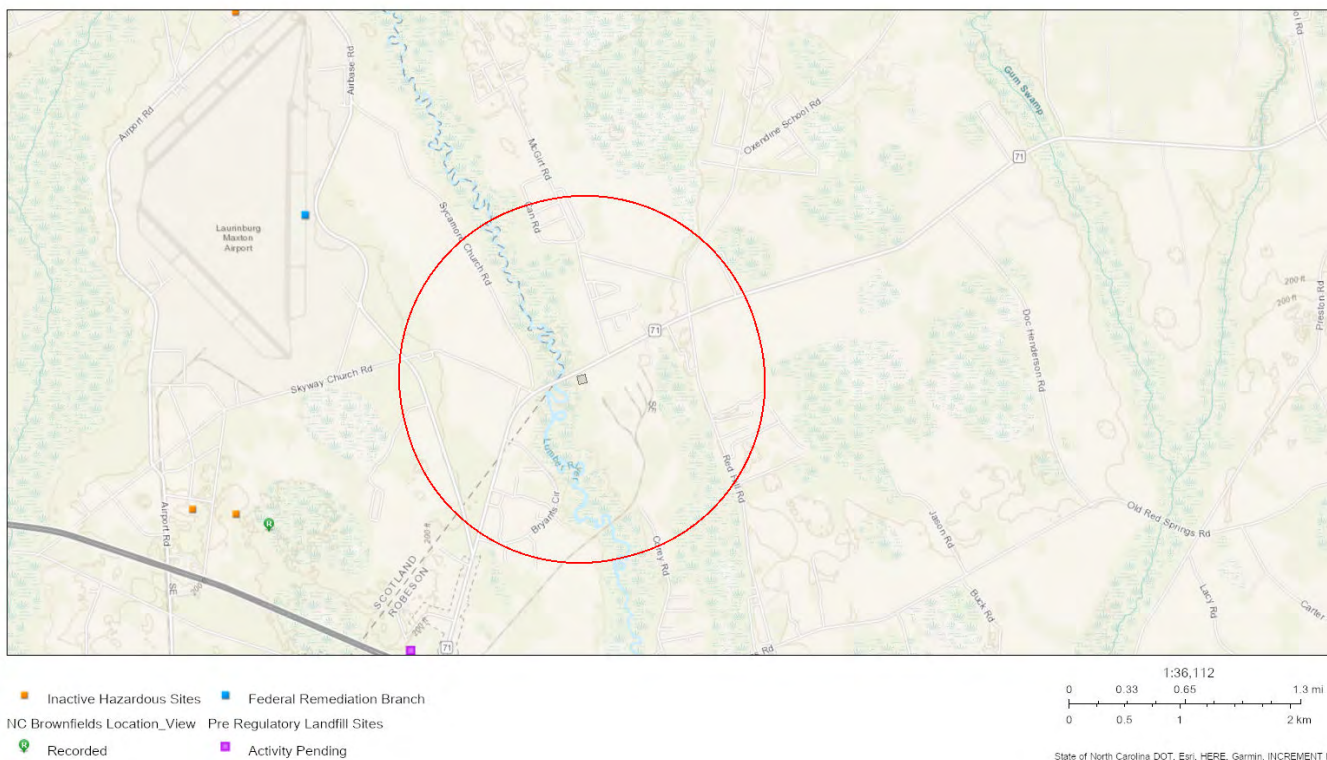
### Area of Interest (AOI) Information

Area : 2,131.85 acres

Feb 6 2023 11:46:53 Eastern Standard Time

**Robeson County NEPA project 23-0156**

Map 4: SLS No. 11



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	0	N/A	N/A
Pre-Regulatory Landfill Sites	0	N/A	N/A
Brownfields Program Sites	0	N/A	N/A

# Department of Environmental Quality Project Internal Review

**Project Number: 23-0156**

**County: Robeson**

**Date Received: 2-3-2023**

**Due Date: 3-1-2023**

**Project Description:** *Environmental Assessment - Proposed project is for the Town of Maxton Sewer Lift Station Generators Project located at four, existing sewer lift stations In Maxton, NC. Proposed project will install auxiliary power generators at four (4) sewer lift stations which move raw sewage from neighborhoods in the Town to the central processing facility and will mitigate against potential backups and lack of capacity during future storm events.*

This Project is being reviewed as indicated below:

Regional Office	Regional Office Area	In-House Review	
Asheville	Air	Air Quality	Coastal Management
Fayetteville	DWR	Waste Mgmt	Marine Fisheries
Mooresville	DWR - Public Water	Water Resources Mgmt (Public	CC & PS Div. of
Raleigh	DEMLR (LQ & SW)	Water, Planning & Water	Emergency Mgmt
Washington	DWM	Quality Program)	DMF-Shellfish Sanitation
Wilmington		DWR-Transportation Unit	Wildlife <u>Gabriela</u>
Winston Salem			Wildlife/DOT

Manager Sign-Off/Region:	Date:	In-House Reviewer/Agency: <b>Gabriela Garrison/NCWRC</b>
--------------------------	-------	---

Response (check all applicable)

☐ No objection to project as proposed.

☒ No Comment

☐ Insufficient information to complete review

☐ Other (specify or attach comments)



# Department of Environmental Quality Project Internal Review

**Project Number: 23-0156**

**County: Robeson**

**Date Received: 2-3-2023**

**Due Date: 3-1-2023**

**Project Description:** *Environmental Assessment - Proposed project is for the Town of Maxton Sewer Lift Station Generators Project located at four, existing sewer lift stations In Maxton, NC. Proposed project will install auxiliary power generators at four (4) sewer lift stations which move raw sewage from neighborhoods in the Town to the central processing facility and will mitigate against potential backups and lack of capacity during future storm events.*

This Project is being reviewed as indicated below:

Regional Office	Regional Office Area	In-House Review	
Asheville	Air	Air Quality	Coastal Management
Fayetteville	DWR	Waste Mgmt	Marine Fisheries
Mooreville	DWR - Public Water	Water Resources Mgmt (Public	CC & PS Div. of
Raleigh	DEMLR (LQ & SW)	Water, Planning & Water	Emergency Mgmt
Washington	DWM	Quality Program)	DMF-Shellfish Sanitation
Wilmington		DWR-Transportation Unit	Wildlife <u>Gabriela</u>
Winston Salem			Wildlife/DOT

Manager Sign-Off/Region:	Date: 3/1/23	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)

## **SCH Early Notice Comments**



Roy Cooper  
Governor

Pamela B. Cashwell  
Secretary

June 23, 2023

Andrea Gievers  
NC Department of Public Safety  
Office of Recovery and Resiliency  
Post Office Box 110465  
Durham, NC 27709-

Re: SCH File # 23-E-4600-0246 Proposed project is for the Town of Maxton Sewer Lift Station Generators  
Project located at four, existing sewer lift stations In Maxton, NC. Proposed project will install auxiliary  
power generators at four (4) sewer lift stations which move raw sewage from neighborhoods in the Town  
to the central

Dear Andrea Gievers:

The above referenced environmental impact information has been submitted to the State Clearinghouse under the provisions of the National Environmental Policy Act. According to G.S. 113A-10, when a state agency is required to prepare an environmental document under the provisions of federal law, the environmental document meets the provisions of the State Environmental Policy Act.

Attached to this letter are comments made by the agencies in the review of this document. If any further environmental review documents are prepared for this project, they should be forwarded to this office for intergovernmental review.

If you have any questions, please do not hesitate to contact me at (984) 236-0000.

Sincerely,

CRYSTAL BEST  
State Environmental Review Clearinghouse

#### Attachments

Mailing  
1301 Mail Service Center | Raleigh, NC 27699-1301



[ncadmin.nc.gov](http://ncadmin.nc.gov)

Location  
116 West Jones St. | Raleigh NC 27603  
984-236-0000 T

Control No.: 23-E-4600-0246

Date Received: 6/8/2023

County.: ROBESON

Agency Response: 6/21/2023

Review Closed: 6/21/2023

JINTAO WEN  
CLEARINGHOUSE COORDINATOR  
DPS - DIV OF EMERGENCY MANAGEMENT

Project Information

Type: National Environmental Policy Act ironmental Assessment

Applicant: NC Department of Public Safety

Project Desc.: Proposed project is for the Town of Maxton Sewer Lift Station Generators Project located at four, existing sewer lift stations In Maxton, NC. Proposed project will install auxiliary power generators at four (4) sewer lift stations which move raw sewage from neighborhoods in the Town to the central processing facility and will mitigate against potential backups and lack of capacity during future storm events.

As a result of this review the following is submitted:

☒ No Comment

☐ Comments Below

☐ Documents Attached

Reviewed By: JINTAO WEN

Date: 6/21/2023

Control No.: 23-E-4600-0246

Date Received: 6/8/2023

County.: ROBESON

Agency Response: 6/21/2023

Review Closed: 6/21/2023

JESSICA MOSLEY  
CLEARINGHOUSE COORDINATOR  
DEPT OF TRANSPORTATION

Project Information

Type: National Environmental Policy Act ironmental Assessment

Applicant: NC Department of Public Safety

Project Desc.: Proposed project is for the Town of Maxton Sewer Lift Station Generators Project located at four, existing sewer lift stations In Maxton, NC. Proposed project will install auxiliary power generators at four (4) sewer lift stations which move raw sewage from neighborhoods in the Town to the central processing facility and will mitigate against potential backups and lack of capacity during future storm events.

As a result of this review the following is submitted:

☒ No Comment

☐ Comments Below

☐ Documents Attached

Reviewed By: JESSICA MOSLEY

Date: 6/21/2023



Control No.: 23-E-4600-0246

Date Received: 6/8/2023

County.: ROBESON

Agency Response: 6/21/2023

Review Closed: 6/21/2023

LYN HARDISON  
CLEARINGHOUSE COORDINATOR  
DEPT OF ENVIRONMENTAL QUALITY

Project Information

Type: National Environmental Policy Act ironmental Assessment

Applicant: NC Department of Public Safety

Project Desc.: Proposed project is for the Town of Maxton Sewer Lift Station Generators Project located at four, existing sewer lift stations In Maxton, NC. Proposed project will install auxiliary power generators at four (4) sewer lift stations which move raw sewage from neighborhoods in the Town to the central processing facility and will mitigate against potential backups and lack of capacity during future storm events.

As a result of this review the following is submitted:

☐ No Comment

☐ Comments Below

☒ Documents Attached

Reviewed By: LYN HARDISON

Date: 6/23/2023



NORTH CAROLINA  
Environmental Quality

ROY COOPER  
Governor

ELIZABETH S. BISER  
Secretary

To: Crystal Best  
State Clearinghouse  
NC Department of Administration

From: Lyn Biles  
Division of Environmental Assistance and Customer Service  
Washington Regional Office

Re: 23-0246  
Environmental Assessment - Proposed project is for the Town of Maxton  
Sewer Lift Station Generators Project located at four, existing sewer lift  
stations in Maxton, NC. Proposed project will install auxiliary power  
generators at four (4) sewer lift stations which move raw sewage from  
neighborhoods in the Town to the central processing facility and will  
mitigate against potential backups and lack of capacity during future storm  
events.  
Robeson County

Date: June 20, 2023

The Department of Environment Quality has reviewed the proposal for the referenced project. Based on the information provided, several of our agencies have identified permits that may be required and offered some valuable guidance to help minimize impacts to aquatic, terrestrial wildlife, and natural resources. 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



NORTH CAROLINA  
Environmental Quality

## MEMORANDUM

TO: Michael Scott, Division Director through Sharon Brinkley

FROM: Amanda Thompson, Environmental Senior Specialist – Solid Waste Section

DATE: June 9, 2023

SUBJECT: Review: SW 23-0246 – Robeson County (Environmental Assessment – NC Department of Public Safety – Proposed project is for the town of Maxton Sewer Lift Station Generators Project located at 4 existing sewer lift stations in Maxton.)

---

The Division of Waste Management, Solid Waste Section (Section) has reviewed the documents submitted for the subject project in Robeson County, NC. Based on the information provided in this document, the Section at this time does not see an adverse impact on the surrounding communities and likewise knows of no situations in the communities which would affect this project.

For any planned or proposed projects, it is recommended that during any land clearing, demolition, and construction, the NC Department of Public Safety and/or its contractors would make every feasible effort to minimize the generation of waste, to recycle materials for which viable markets exist, and to use recycled products and materials in the development of this project where suitable. **Any waste generated by and of the project that cannot be beneficially reused or recycled as described, may require disposal of at a solid waste management facility permitted by the Division. The Section strongly recommends that NC Department of Public Safety require all contractors to provide proof of proper disposal for all generated waste to permitted facilities.**

Permitted solid waste management facilities are listed on the Division of Waste Management, Solid Waste Section portal site at: <https://deq.nc.gov/about/divisions/waste-management/waste-management-rules-data/solid-waste-management-annual-reports/solid-waste-permitted-facility-list>

And the site locator tool at:

<https://ncdenr.maps.arcgis.com/apps/webappviewer/index.html?id=7dd59be2750b40bebebf49fc383f688>

Questions regarding solid waste management for this project should be directed to Mr. David Powell, Environmental Senior Specialist, Solid Waste Section, at (910) 433-3350.

cc: David Powell, Environmental Senior Specialist



North Carolina Department of Environmental Quality | Division of Waste Management  
Fayetteville Regional Office | 225 Green Street, Suite 714 | Fayetteville, North Carolina 28301  
910.433.3300

ROY COOPER

Governor

ELIZABETH S. BISER

Secretary

MICHAEL SCOTT

Director



NORTH CAROLINA  
Environmental Quality

Date: June 19, 2023

To: Michael Scott, Director  
Division of Waste Management

Through: Janet Macdonald  
Inactive Hazardous Sites Branch

From: Katie C Tatum  
Inactive Hazardous Sites Branch

Subject: NEPA Project # 23-0246 NC Department of Public Safety, Robeson County, North Carolina

The Superfund Section has reviewed the proximity of sites under its jurisdiction to the NC Department of Public Safety project. Proposed project is for the Town of Maxton Sewer Lift Station Generators Project located at four, existing sewer lift stations In Maxton, NC. Proposed project will install auxiliary power generators at four (4) sewer lift stations which move raw sewage from neighborhoods in the Town to the central processing facility and will mitigate against potential backups and lack of capacity during future storm events.

Two (2) Superfund Section sites and one (1) Brownfields Program Sites were identified within one mile of the project as shown on the attached report. The Superfund Section recommends that site files be reviewed to ensure that appropriate precautions are incorporated into any construction activities that encounter potentially contaminated soil or groundwater. Superfund Section files can be viewed at: <http://deq.nc.gov/waste-management-laserfiche>.

Please contact Janet Macdonald at 919.707.8349 if you have any questions concerning the Superfund Section review portion of this SEPA/NEPA inquiry.



North Carolina Department of Environmental Quality | Division of Waste Management  
217 West Jones Street | 1646 Mail Service Center | Raleigh, North Carolina 27699-1646  
919.707.8200



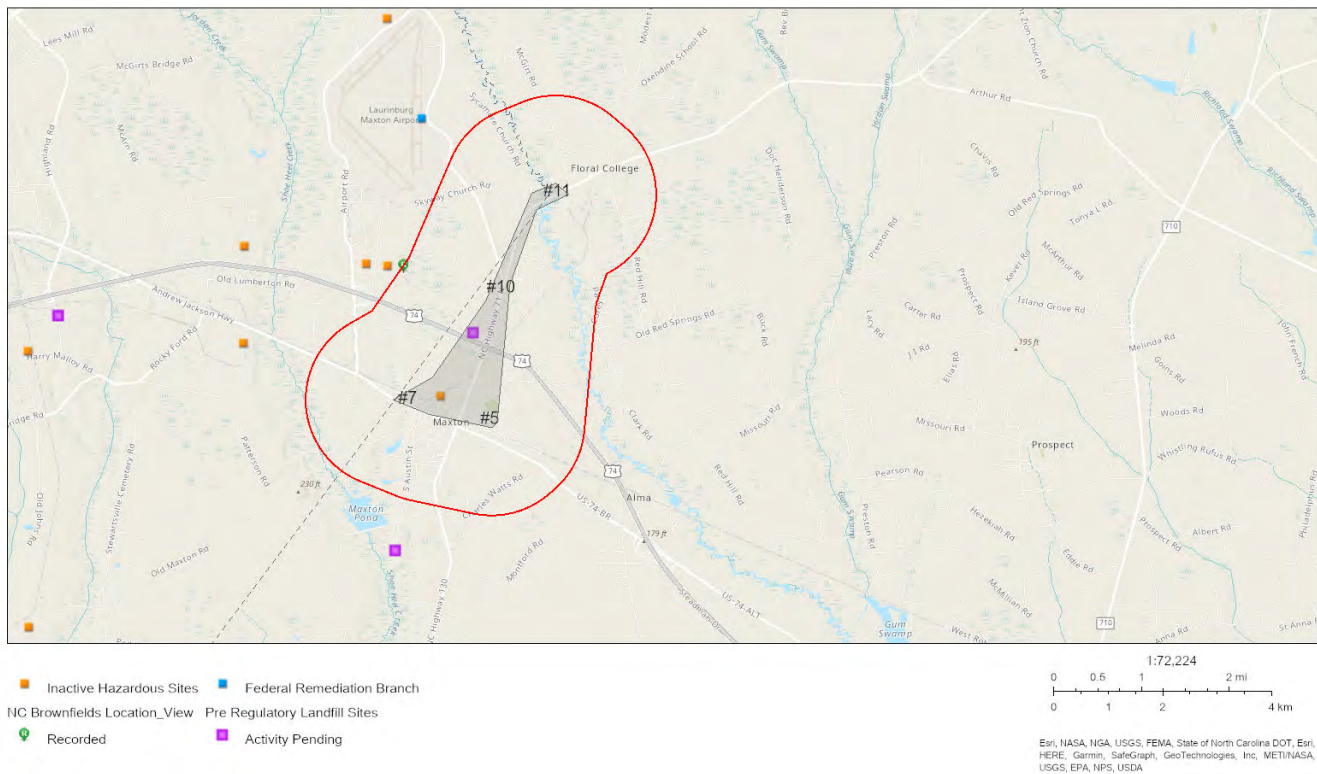
# Superfund & Brownfield Sites SEPA/NEPA Review Report

## Area of Interest (AOI) Information

Area : 7,589.01 acres

Jun 19 2023 8:20:55 Eastern Daylight Time

Robeson County NEPA project 23-0246





## 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	1	N/A	N/A
Pre-Regulatory Landfill Sites	1	N/A	N/A
Brownfields Program Sites	1	N/A	N/A

## Inactive Hazardous Sites

#	EPAID	SITENAME	Count
1	NONCD0002049	MAXTON OIL & FERT. CO. - PLANT	1

## Pre-Regulatory Landfill Sites

#	EPAID	SITENAME	Count
1	NONCD0000524	Maxton Dump	1

## Brownfields Program Sites

#	BF_ID	BF_Name	Count
1	2102017078	Maxton Feed Mill	1

State of North Carolina Department of Environmental Quality  
INTERGOVERNMENTAL REVIEW PROJECT COMMENTS

Reviewing Regional Office: FRO  
Project Number: 23-0246 Due Date: 06/19/2023  
County: Robeson

After review of this project, it has been determined that the DEQ permit(s) and/or approvals indicated may need to be obtained 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 \$100 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 type="checkbox"/>	Sedimentation and erosion control must be addressed in accordance with _____ <u>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 04B .0125 – Buffers Zones for Trout Waters shall have an undisturbed buffer zone 25 feet wide or of sufficient width to confine visible siltation within the twenty-five percent (25%) of the buffer zone nearest the land-disturbing activity, whichever is greater.		
<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 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: FRO  
Project Number: 23-0246 Due Date: 06/19/2023  
County: Robeson

	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 forms.	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 checked="" 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: <a href="http://deq.nc.gov/about/divisions/water-resources/water-resources-permits/wastewater-branch/401-wetlands-buffer-permits/401-riparian-buffer-protection-program">http://deq.nc.gov/about/divisions/water-resources/water-resources-permits/wastewater-branch/401-wetlands-buffer-permits/401-riparian-buffer-protection-program</a>		
<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: <a href="http://deq.nc.gov/about/divisions/water-resources/planning/nonpoint-source-management/nutrient-offset-information">http://deq.nc.gov/about/divisions/water-resources/planning/nonpoint-source-management/nutrient-offset-information</a>		
<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 checked="" type="checkbox"/>	Abandonment of any wells, if required must be in accordance with Title 15A. Subchapter 2C.0100.		
<input checked="" type="checkbox"/>	Notification of the proper regional office is requested if "orphan" underground storage tanks (USTS) are discovered during any excavation operation.		
<input 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: FRO  
Project Number: 23-0246 Due Date: 06/19/2023  
County: Robeson

Other Comments (attach additional pages as necessary, being certain to comment authority)

Division	Initials	No comment	Comments	Date Review
DAQ	TH	<input checked="" type="checkbox"/>		6/12/23
DWR-WQROS (Aquifer & Surface)	KMB & KMB	<input checked="" type="checkbox"/>	&	6/15/23
DWR-PWS	HLC	<input checked="" type="checkbox"/>		6/15/23
DEMLR (LQ & SW)	MAJ	<input type="checkbox"/>	Submit an erosion and sediment control plan (ESCP) at least 30 days prior to initiating land-disturbing activity that satisfy the one (1) acre regulatory threshold. An NPDES Construction Stormwater General Permit NCG010000 Certificate of Coverage is required prior to initiating land-disturbing activity following approval of the ESCP.	6/13/23
DWM – UST	KEC	<input type="checkbox"/>	The UST Section, Fayetteville Regional Office, does not have records of a petroleum release for any of the listed physical addresses provided for this project number, nor are there any records of registered USTs. Petitioner is encouraged to review the DWM Site Locator Tool and verify any potential concerns in the proposed project area. Obscure or incorrect physical addresses with no location map or lat/long coordinates can lead to incorrect information.  DWM Site Locator Tool <a href="https://ncdenr.maps.arcgis.com/apps/webappviewer/index.html?id=7dd59be2750b40bebebf49fc383f688">https://ncdenr.maps.arcgis.com/apps/webappviewer/index.html?id=7dd59be2750b40bebebf49fc383f688</a>  Registered UST Records Search <a href="https://xapps.ncdenr.org/wm/docs/WMDocs_Search.jsp">https://xapps.ncdenr.org/wm/docs/WMDocs_Search.jsp</a>	6/9/23
Other Comments		<input type="checkbox"/>		/ /

**REGIONAL OFFICES**

Questions regarding these permits should be addressed to the Regional Office marked below.

- |   |  |  |
|---|--|--|
| <input type="checkbox"/> <b>Asheville Regional Office</b><br>2090 U.S. 70 Highway<br>Swannanoa, NC 28778-8211<br>Phone: 828-296-4500<br>Fax: 828-299-7043 | <input checked="" type="checkbox"/> <b>Fayetteville Regional Office</b><br>225 Green Street, Suite 714,<br>Fayetteville, NC 28301-5043<br>Phone: 910-433-3300<br>Fax: 910-486-0707 | <input type="checkbox"/> <b>Mooreville Regional Office</b><br>610 East Center Avenue, Suite 301,<br>Mooreville, NC 28115<br>Phone: 704-663-1699<br>Fax: 704-663-6040 |
| <input type="checkbox"/> <b>Raleigh Regional Office</b><br>3800 Barrett Drive,<br>Raleigh, NC 27609<br>Phone: 919-791-4200<br>Fax: 919-571-4718           | <input type="checkbox"/> <b>Washington Regional Office</b><br>943 Washington Square Mall,<br>Washington, NC 27889<br>Phone: 252-946-6481<br>Fax: 252-975-3716                      | <input type="checkbox"/> <b>Wilmington Regional Office</b><br>127 Cardinal Drive Ext.,<br>Wilmington, NC 28405<br>Phone: 910-796-7215<br>Fax: 910-350-2004           |
|   | <input type="checkbox"/> <b>Winston-Salem Regional Office</b><br>450 Hanes Mill Road, Suite 300,<br>Winston-Salem, NC 27105<br>Phone: 336-776-9800<br>Fax: 336-776-9797            |  |

# Department of Environmental Quality

## Project Internal Review

Project Number: 23-0246

County: Robeson

Date Received: 6-8-2023

**Due Date: 6-19-2023**

**Project Description:** *Environmental Assessment - Proposed project is for the Town of Maxton Sewer Lift Station Generators Project located at four, existing sewer lift stations in Maxton, NC. Proposed project will install auxiliary power generators at four (4) sewer lift stations which move raw sewage from neighborhoods in the Town to the central processing facility and will mitigate against potential backups and lack of capacity during future storm events.*

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 checked="" type="checkbox"/> Fayetteville	<input checked="" type="checkbox"/> DWR	<input checked="" type="checkbox"/> Waste Mgmt
<input type="checkbox"/> Mooresville	<input checked="" type="checkbox"/> DWR - Public Water	<input type="checkbox"/> Water Resources Mgmt (Public Water, Planning & Water Quality Program)
<input type="checkbox"/> Raleigh	<input checked="" type="checkbox"/> DEMLR (LQ & SW)	<input type="checkbox"/> DWR-Transportation Unit
<input type="checkbox"/> Washington	<input checked="" type="checkbox"/> DWM	<input type="checkbox"/> Coastal Management
<input type="checkbox"/> Wilmington		<input type="checkbox"/> Marine Fisheries
<input type="checkbox"/> Winston Salem		<input type="checkbox"/> CC & PS Div. of Emergency Mgmt
		<input type="checkbox"/> DMF-Shellfish Sanitation
		<input checked="" type="checkbox"/> Wildlife <u>Gabriela</u>
		<input type="checkbox"/> Wildlife/DOT

Manager Sign-Off/Region:	Date: 6/20/23	In-House Reviewer/Agency: Melodi Deaver, DWM, Hazardous Waste
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Response (check all applicable)

☐ No objection to project as proposed. ☒ No Comment  
☐ Insufficient information to complete review ☐ Other (specify or attach comments)



# Department of Environmental Quality

## Project Internal Review

Project Number: 23-0246

County: Robeson

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Regional Office	Regional Office Area	In-House Review
<input type="checkbox"/> Asheville	<input checked="" type="checkbox"/> Air	<input type="checkbox"/> Air Quality
<input checked="" type="checkbox"/> Fayetteville	<input checked="" type="checkbox"/> DWR	<input checked="" type="checkbox"/> Waste Mgmt
<input type="checkbox"/> Mooresville	<input checked="" type="checkbox"/> DWR - Public Water	<input type="checkbox"/> Water Resources Mgmt (Public Water, Planning & Water Quality Program)
<input type="checkbox"/> Raleigh	<input checked="" type="checkbox"/> DEMLR (LQ & SW)	<input type="checkbox"/> DWR-Transportation Unit
<input type="checkbox"/> Washington	<input checked="" type="checkbox"/> DWM	
<input type="checkbox"/> Wilmington		
<input type="checkbox"/> Winston Salem		

Manager Sign-Off/Region:	Date:	In-House Reviewer/Agency: <b>Gabriela Garrison/NCWRC</b>
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Response (check all applicable)	
<input type="checkbox"/> No objection to project as proposed.	<input checked="" type="checkbox"/> No Comment
<input type="checkbox"/> Insufficient information to complete review	<input type="checkbox"/> Other (specify or attach comments)

Control No.: 23-E-4600-0246

Date Received: 6/8/2023

County.: ROBESON

Agency Response: 6/21/2023

Review Closed: 6/21/2023

DEVON BORGARDT  
CLEARINGHOUSE COORDINATOR  
DEPT OF NATURAL & CULTURAL  
RESOURCE

#### Project Information

Type: National Environmental Policy Act ironmental Assessment

Applicant: NC Department of Public Safety

Project Desc.: Proposed project is for the Town of Maxton Sewer Lift Station Generators Project located at four, existing sewer lift stations In Maxton, NC. Proposed project will install auxiliary power generators at four (4) sewer lift stations which move raw sewage from neighborhoods in the Town to the central processing facility and will mitigate against potential backups and lack of capacity during future storm events.

As a result of this review the following is submitted:

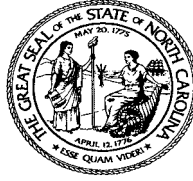
☐ No Comment

☐ Comments Below

☒ Documents Attached

Reviewed By: DEVON BORGARDT

Date: 6/9/2023



**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.

June 9, 2023

**MEMORANDUM**

**TO:** Crystal Best  
North Carolina State Clearinghouse  
Department of Administration

[crystal.best@doa.nc.gov](mailto:crystal.best@doa.nc.gov)

**FROM:** Ramona M. Bartos, Deputy  
State Historic Preservation Officer

*RMB for Ramona M. Bartos*

**SUBJECT:** Install auxiliary power generators at four sewer lift stations, Maxton, Robeson County,  
SCH #23-E-4600-0246, ER 23-0423

Thank you for your submission of June 8, 2023, 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](mailto:environmental.review@ncdcr.gov). In all future communication concerning this project, please cite the above referenced tracking number.