



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

JAMES H. TROGDON, III  
SECRETARY

August 21, 2019

MEMORANDUM TO: Colista Freeman, PE  
Planning Senior Project Manager  
Calyx Engineers & Consultants

FROM: Craig Haden  
GeoEnvironmental Project Manager  
GeoEnvironmental Section  
Geotechnical Engineering Unit

TIP NO: R-5819/R-5820  
WBS: 47091.1.1/47092.1.1  
COUNTY: COLUMBUS  
DIVISION: 6  
DESCRIPTION: US 74/76 at SR 1740 (Old Lake Rd) Convert at grade intersection to overpass. US 74/76 (Chauncey Town Rd) convert at grade intersection to Interchange

SUBJECT: **Revision # 2 GeoEnvironmental Phase I**

The GeoEnvironmental Section of the Geotechnical Engineering Unit performed a Phase I field investigation on May 15, 2018 for the above referenced project to identify geoenvironmental sites of concern. The purpose of this report is to document sites of concern within the project study area that are or may be contaminated. These sites of concern should be included in the environmental planning document in an effort to assist the project stakeholders in reducing or avoiding impacts to these sites. Sites of concern may include, but are not limited to, underground storage tank (UST) sites, dry cleaning facilities, hazardous waste sites, regulated landfills and unregulated dumpsites.

**Findings**

Eleven (11) sites of concern were identified within the proposed study area. We anticipate low monetary and scheduling impacts resulting from these sites. See the following table and figure for details.

Please note that discovery of additional sites not recorded by regulatory agencies and not reasonably discernible during the project reconnaissance may occur. The GeoEnvironmental Section should be notified immediately after discovery of such sites so their potential impact(s) may be assessed.

If there are questions regarding the geoenvironmental issues, please contact me, at 919-707-6871

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1020 BIRCH RIDGE DRIVE  
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cc:

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File

**(01) Property Name:**  
Waccamaw Speedy Mart  
104 Top Tobacco Rd  
Lake Waccamaw, NC

**Facility ID:** 00-0-0000038785

**Property Owner:**  
Waccamaw Outdoor Supply LLC  
1306 Sam Potts Hwy  
199 Central Ave  
Lake Waccamaw, NC 28450

**UST Owner:**  
Waccamaw Outdoor Supply LLC  
104 Top Tobacco Rd  
Lake Waccamaw, NC 28450



**Anticipated Impacts: Low**

This facility currently operates as an Outdoor Supply Company and a convenience store/gas station. It is located in the northwest quadrant of the Chauncey Town Rd and Top Tobacco Rd Intersection approximately 1050 feet south of US 74/76. According to the UST Section Registry there are four (4) tanks currently in use. There are no known incidents associated with this site.

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**(02) Property Name:**

Top Tobacco  
204 Top Tobacco Rd  
Lake Waccamaw, NC

**Property Owner:**

Top Tobacco LP  
204 Top Tobacco Rd  
Lake Waccamaw, NC 28450

**Facility ID:** N/A

**Incident Type/Number:** N/A

**UST Owner:**

N/A



**Anticipated Impacts:** Low

This facility operates as tobacco manufacture of tobacco products. It is located on the north side of Top Tobacco Rd approximately 800 feet west of Chauncey Town Rd. The facility is not listed in the UST Section Registry and there are no know incidents associated with it.

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**(03) Property Name:**

Sam's Pit Stop # 62  
8631 Sam Potts Hwy  
106 West Old Hwy 74-76  
Lake Waccamaw, NC

**Property Owner:**

Sam's Pit Stop Properties LLC  
PO Box 689  
Whiteville, NC 28472

**UST Owner:**

Sam's Pit Stop, Inc.  
702 Washington St.  
Po Box 689  
Whiteville, NC 28472

**Facility ID:** 00-0-0000011635

**Incident Type/Number:** N/A



**Anticipated Impacts:** Low

This facility currently operates as a Subway restaurant, gas station/convenience store. It is located in the northwest quadrant of Chauncey Town Rd and Sam Potts Hwy. According to the UST Section Registry there are five (5) current tanks and three tanks were removed in 1989. There are no known incidents associated with this facility.

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**(04) Property Name:**

Vacant Lot (Boys & Girls Home Property)  
8603 Sam Potts Hwy  
108 West Old 74-76 Hwy  
Lake Waccamaw, NC

**Property Owner:**

Boys & Girls Home of NC  
PO Box 127  
Lake Waccamaw, NC 27450

**Facility ID:** 00-0-0000012922

**Incident Type/Number:** 10044

**UST Owner:**

Jack Sasser  
PO Box 717  
Long Beach, NC 28461



**Anticipated Impacts:** Low

This site is currently a vacant lot. It is the former location of 74 Shell/Waccamaw Service Center. It is located on the north side of Sam Potts Hwy approximately 400 feet west of Chauncey Town Rd. According to the UST Section Registry four (4) tanks were removed in 1993. Incident # 10044 is associated with this facility and was closed out in 2003. One monitoring well was observed during the site investigation near the former UST location. The well could not be accessed and appeared to be abandoned.

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**(05) Property Name:**

Champion Karate  
8573 Sam Potts Hwy  
Lake Waccamaw, NC

**Property Owner:**

Sonia Croom  
435 Brickyard Rd  
Hampstead, NC 28443

**Facility ID:** N/A

**Incident Type/Number:** N/A

**UST Owner:**

N/A



**Anticipated Impacts:** Low

This facility operates as a Karate Studio. The layout and design of the building suggest it may have operated as a gas station at one time. It is located on the north side of Sam Potts Hwy approximately 560 feet west of Chauncey Town Rd. The site is not listed in the UST Section Registry and there are no known incidents associated with it.

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**(06) Property Name:**

Home Race Mart # 3  
208 Old 74-76 Hwy  
Lake Waccamaw, NC

**Property Owner:**

Shivam LLC  
208 Old 74-76 Hwy  
Lake Waccamaw, NC 28450

**Facility ID:** 00-0-0000035650

**Incident Type/Number:** N/A

**UST Owner:**

Shivam LLC  
7824 Seven Creeks Hwy  
Nakina, NC 28455



**Anticipated Impacts:** Low

The facility is currently an active gas station /convenience store. It is located on the northwest quadrant of Dixon St and Sam Potts Hwy. According to the UST Section Registry there are four (4) tanks currently in use. There are no known incidents associated with this facility. Several monitoring wells were observed during the site investigation.

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**(07) Property Name:**

Former Wananish AMOCO  
1306 Sam Potts Hwy  
Lake Waccamaw, NC

**Property Owner:**

Derick O'Keith Anders Jr.  
PO Box 422  
Whiteville, NC 28472

**Facility ID:** 00-0-0000011629

**Incident Type/Number:** 32108

**UST Owner:**

Whiteville Oil Co  
PO Box 48  
North Myrtle Beach, SC 29597



**Anticipated Impacts:** Low

This facility is an inactive gas station. It is located on the northwest quadrant of Old Lake Rd and Sam Potts Hwy. According to the UST Section Registry two (2) tanks were removed in 1993 and three (3) tanks were removed in 2004. Incident # 32108 is associated with this facility and is still active. Free product and contaminated soil was observed in tank pit during the tank removal in 2004. Whiteville Oil Co has been dissolved. The site was turned over to state lead in 2016.

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**(08) Property Name:**

Lake Waccamaw Fire & Rescue  
1402 Sam Potts Hwy  
Lake Waccamaw, NC

**Property Owner:**

Lake Waccamaw Fire & Rescue  
1402 E. Old Hwy 74-76  
Lake Waccamaw, NC 28450

**Facility ID:** N/A

**Incident Type/Number:** N/A

**UST Owner:**

N/A



**Anticipated Impacts:** Low

This facility currently operates as the Waccamaw Fire & Rescue. It is located in the northeast quadrant of Old Lake Rd and Sam Potts Hwy. According to someone from the fire department this was the former location Waccamaw Outdoor Supply and they never sold gas. The facility is not listed in the UST Section Registry and there are no known incidents associated with it.

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**(09) Property Name:**

Winnie Etheridge Property  
1500 Sam Potts Hwy  
Lake Waccamaw, NC

**Property Owner:**

Winnie Estelle Holt Etheridge  
1500 Hwy 214 (Old 74-76)  
Lake Waccamaw, NC 28450

**Facility ID:** N/A

**Incident Type/Number:** N/A



**Anticipated Impacts:** Low

This site is currently a vacant lot. It is located on the north side of Sam Potts Hwy approximately 500 feet east of Old Lake Rd. The site is not listed in the UST Section Registry and there are no known incidents associated with it. The pump island is visible and it appears there are four (4) USTs in place on the west side of the pump island. There was at least one monitoring well observed near the east side of the pump island.

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**(10) Property Name:**

Walter Etheridge Property  
1506 Sam Potts Hwy  
Lake Waccamaw, NC

**Property Owner:**

Walter Etheridge  
701 Robeson Ave.  
Lake Waccamaw, NC 28450

**Facility ID:** 00-0-0000037064

**Incident Type/Number:** N/A

**UST Owner:**

Walt & Charlie Faye Etheridge  
PO Box 199  
Lake Waccamaw, NC 28450



**Photo taken from County GIS.**

**Anticipated Impacts:** Low

This site is currently a vacant lot. It is part of the Walter Etheridge property and is located on the north side of Sam Potts Hwy approximately 400 feet east of Old Lake Rd. According to the UST Section Registry there is one (1) UST in temporarily closed status. There are no known incidents associated with it. There was no evidence of any UST during the site investigation.

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**(11) Property Name:**

East Columbus High School  
32 Gator Lane  
Lake Waccamaw, NC

**Property Owner:**

Columbus Co. BD of Education  
PO box 729  
Whiteville, NC 28472

**Facility ID:** 00-0-0000034937

**Incident Type/Number:** N/A

**UST Owner:**

Columbus Co. BD of Education  
PO box 729  
Whiteville, NC 28472



**Photo taken from Google Street View.**

**Anticipated Impacts:** Low

This site is currently East Columbus High School. It is located on the east side of Old Lake Rd on Gator Lane approximately 2000 feet north of US 74/76. According to the UST section registry there are two USTs currently in use. There are no known incidents associated with.

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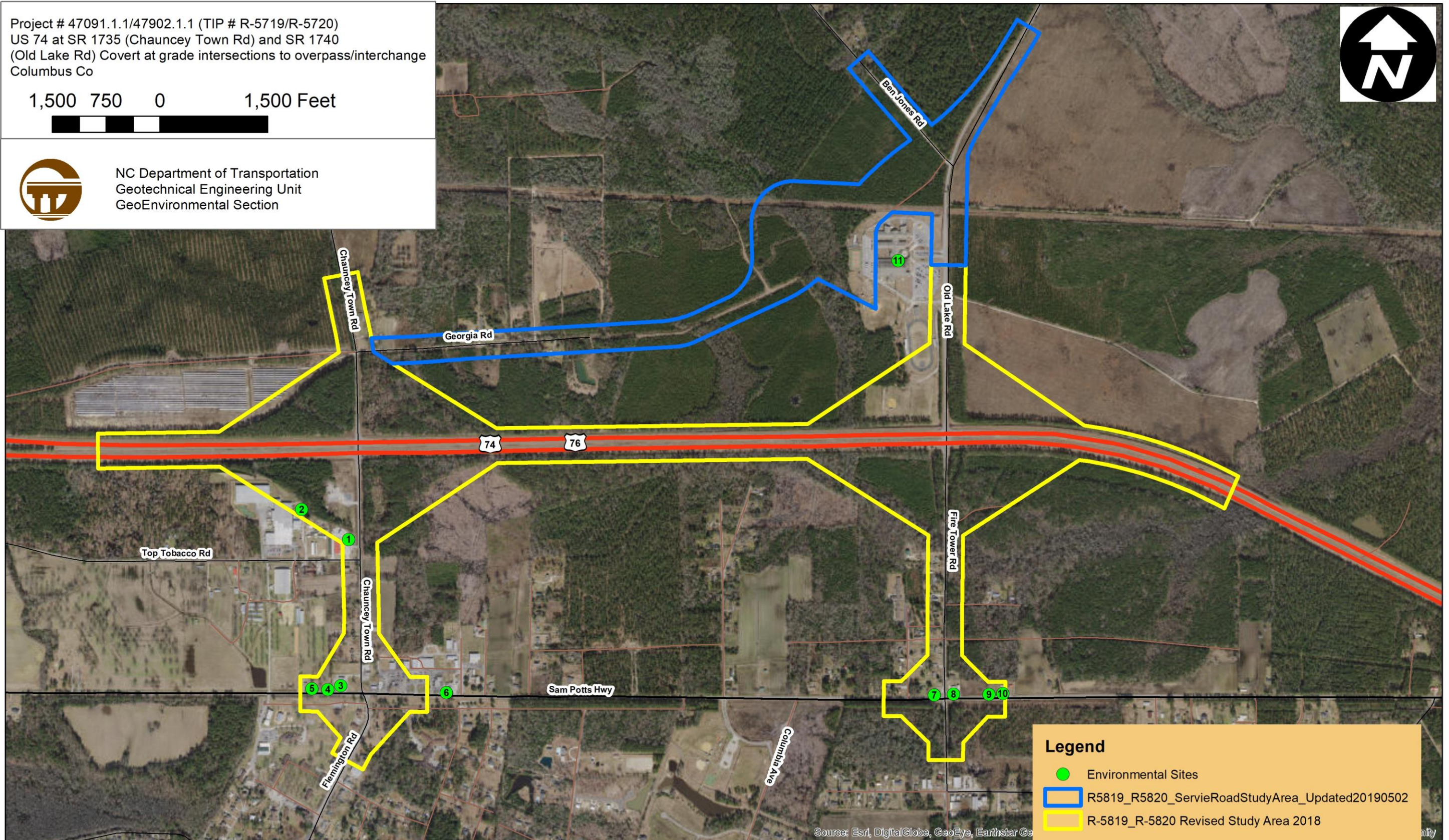
Locations of GeoEnvironmental Sites of Concern

Project # 47091.1.1/47902.1.1 (TIP # R-5719/R-5720)  
 US 74 at SR 1735 (Chauncey Town Rd) and SR 1740  
 (Old Lake Rd) Covert at grade intersections to overpass/interchange  
 Columbus Co

1,500 750 0 1,500 Feet



NC Department of Transportation  
 Geotechnical Engineering Unit  
 GeoEnvironmental Section



Legend

- Environmental Sites
- R5819\_R5820\_ServieRoadStudyArea\_Updated20190502
- R-5819\_R-5820 Revised Study Area 2018

Source: Esri, DigitalGlobe, GeoEye, Earthstar Ge