



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J. ERIC BOYETTE
SECRETARY

February 4, 2022

MEMORANDUM TO: Barry Hobbs, PE
Division Project Team Lead
Division 1

FROM: Ashley B Cox, Jr, LG
GeoEnvironmental Project Manager
GeoEnvironmental Section
Geotechnical Engineering Unit

TIP NO: R-5739
WBS: 50197.1.1
COUNTY: NORTHAMPTON
DIVISION 1
DESCRIPTION: NC 46 From NC 48 in Gaston to the VA State Line

SUBJECT: **GeoEnvironmental Phase I Report**

DocuSigned by:
Ashley B Cox, Jr
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The GeoEnvironmental Section of the Geotechnical Engineering Unit performed a Phase I field investigation on January 25, 2022 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

Thirteen (13) 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.

Sites of concern identified in this report should be reviewed by the GeoEnvironmental Section once the Final Right of Way plans are complete to determine if Phase II Investigations and Right of Way Recommendations are necessary prior to right of way being acquired.

If there are questions regarding the geoenvironmental issues, please contact me, at (919) 707-6872.

cc:

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(01) Property Name:

Bradley Property Salvage Yard
320 NC HWY 46
Gaston, NC

Property Owner:

Edward Johnny Bradley
320 NC Hwy 46
Gaston, NC 27832



Anticipated Impacts: Moderate

This parcel should be recognized as an unregulated salvage yard. Abandoned and wrecked vehicles, heavy equipment, and various other piles of refuse were observed on site. There are concerns with petroleum and sources for lead contamination at this site.

(02) Property Name:

Sykes Grocery
739 NC HWY 46
Gaston, NC

Property Owner:

Ethel Sykes
723 NC HWY 46
Gaston, NC 27832



Anticipated Impacts: Low

This former country store was identified based architecture, location, and in/out parking area. There are no documented incidents associated with this site in the regulatory database. During site reconnaissance no monitoring wells were observed nor was any evidence of underground storage tanks identified.

(03) Property Name:

Old Gaston Road Building
116 Old Gaston Road
Gaston, NC

Property Owner:

Grover Edwards
672 Vincent Lane
Henrico, NC 27842



Anticipated Impacts: Low

This site was identified based on architecture, location of the building on the parcel, and electrical wires and a footing located on the parcel. There are no documented incidents associated with this parcel, nor are there any tank registered to this address in the regulatory database. No evidence of underground storage tanks was observed while on site.

(04) Property Name:

Pepsi Building
2317 NC HWY 46
Gaston, NC

Property Owner:

David Earl Robinson
139 Hunting Ridge Road
Roanoke Rapids, NC 27870



Anticipated Impacts: Low

Based on the architecture and "Pepsi" advertising of one of the buildings, this parcel was identified. During site reconnaissance, no evidence of USTs was noted nor were any monitoring wells observed. No records of an incident being associated with this parcel were identified in the regulatory database.

(05) Property Name:

Former Captain G's Family Foods #2
3219 NC HWY 46
Gaston, NC

Property Owner:

Harold Wray
PO Box P
Gaston, NC 27832

Facility ID: 00-0-0000022393

UST Owner:

New Dixie Oil Co
PO Box 779
Roanoke Rapids, NC 27870

Incident Type/Number: 11218



Anticipated Impacts: Low

This former gas station/convenience store had four (4) tanks removed between October 1992 and December 1993. The site had soil contamination at the time of closure, and subsequent groundwater samples indicated the groundwater had been impacted as well. During site reconnaissance, no monitoring wells were observed, there was what appeared to be a vent pipe located attached to the building, no other evidence of underground storage tanks were identified. There is a deed restriction on the property and the incident was officially closed out and a Notice of No Further Action was issued in October 2017.

(06) Property Name:

A.R. Moody's Grocery (Pine State)
3695 NC HWY 46
Gaston, NC

Property Owner:

Larry Robinson
3695 NC HWY 46
Gaston, NC 27832



Anticipated Impacts: Low

This site once operated as A.R. Moody's Produce and was identified based on architecture and the multi-layered concrete parking area in front of the building. While on site, personnel observed what appeared to be a vent pipe attached to the building. There are no documented incidents recorded in the regulatory database for this site, nor were any monitoring wells observed.

(07) Property Name:

Wray's Sheetmetal LLC
417 Lawrenceville Road (NC HWY 46)
Gaston, NC

Property Owner:

Harold Wray
PO Box P
Gaston, NC 27832



Anticipated Impacts: Low

This site was identified because of the two vent pipes attached to the building. There are no registered tanks for this address in the database, nor documented incidents. During site reconnaissance, no underground storage tanks or monitoring wells were observed.

(08) Property Name:

Red Brick Building
310 Lawrenceville Road
Gaston, NC

Property Owner:

Jeffrey Shane Wright
312 Lawrenceville Road
Gaston, NC 27832



Anticipated Impacts: Low

This building has the architecture of a roadside gas station. There are no tanks registered to this address, no evidence of underground storage tanks was observed, nor were there any monitoring wells located on the property. Personnel did notice what appeared to be a vent pipe bracket still attached to the side of the building. No documented incidents were discovered when reviewing the regulatory database.

(09) Property Name:

Gaston Hardware
206 Lawrenceville Road
Gaston, NC

Property Owner:

Harold Wray
PO Box P
Gaston, NC 27832



Anticipated Impacts: Low

This hardware store was identified for concerns that it once may have operated as a gas station or auto repair shop. There are 4 bays located in the back of the building. The hardware store occupied two storefronts; one seems to be an addition to the original building. There are no documented incidents or underground storage tanks registered to this address. No evidence of underground storage tanks or monitoring wells were observed while on site.

(10) Property Name:

New Dixie Mart 223
100 Pleasant Hill Road
Gaston, NC

Property Owner:

New Dixie Oil Co
1501 Marshall Street
Roanoke Rapids, NC 27870

Facility ID: 00-0-0000020892

UST Owner:

New Dixie Oil Co (John Elam)
1501 Marshall Street
Roanoke Rapids, NC 27870

Incident Type/Number: 46537



Anticipated Impacts: Low

This site is an active gas station with a recently documented incident. No monitoring wells were observed while on site. Based on documents within the regulatory database, corrective action measures have yet to begin.

(11) Property Name:

Fowler Property (Sheetah'z Fashion)
104 Garysburg Road
Gaston, NC

Property Owner:

Cynthia Medlin Fowler Trustee
34 Skip Jack Landing
Littleton, NC 27850



Anticipated Impacts: Low

This site is presently occupied by a fashion boutique and a welding shop. Based on the architecture of the building and the observance of a monitoring well, a gas station may have operated at this location. There are no documented incidents in the regulatory database, nor was any evidence of underground storage tanks observed while on site.

(12) Property Name:

Fowler Property (The Stir Fry Grill)
103 Garysburg Road
Gaston, NC

Property Owner:

Cynthia Medlin Fowler Trustee
35 Skip Jack Landing
Littleton, NC 27850



Anticipated Impacts: Low

This site is located on the same parcel as the previous site, separated by a large asphalt parking lot. There are no documented incidents associated with this parcel, and no underground storage tanks registered to this address.

(13) Property Name:

Earl's (Former Gaston Mini-Mart)
100 Garysburg Road
Gaston, NC

Property Owner:

Mildred Hill Moncure
202 Moncure Trail
Garysburg, NC 27831

Facility ID: 00-0-0000022400

UST Owner:

New Dixie Oil Co
1501 Marshall Street
Roanoke Rapids, NC 27870

Incident Type/Number: 11672



Anticipated Impacts: Low

This site is a former gas station that currently operates as an automotive repair and accessories shop. A monitoring well and vent pipe were observed while on site. After reviewing reports in the regulatory database, this was the location of the Gaston Mini-Mart. Four (4) tanks were removed in October 1992, a fifth tank was later removed in December 1993. The incident remains active.

Figure 1
Location of GeoEnvironmental Sites of Concern

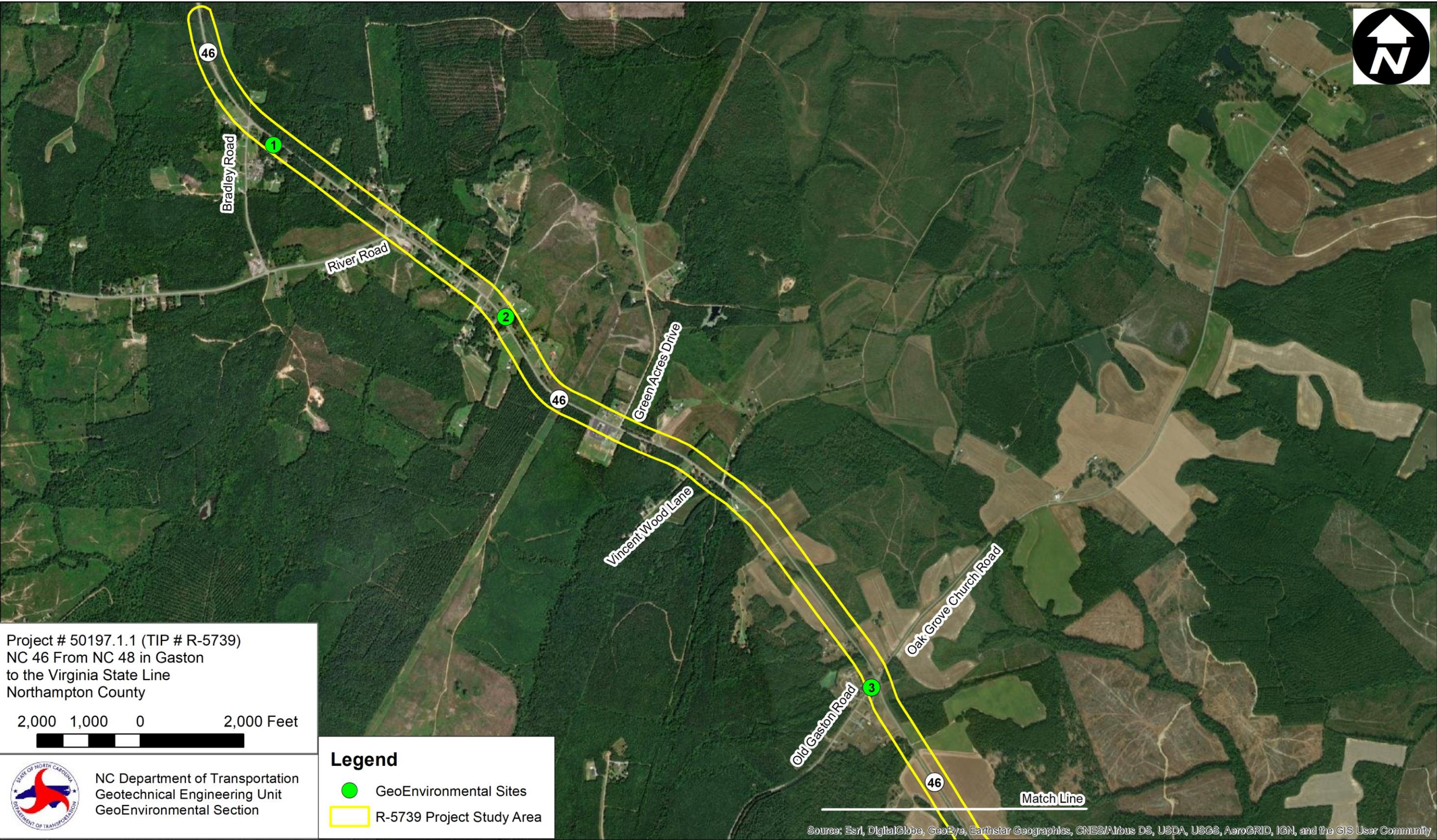


Figure 2
Location of GeoEnvironmental Sites of Concern

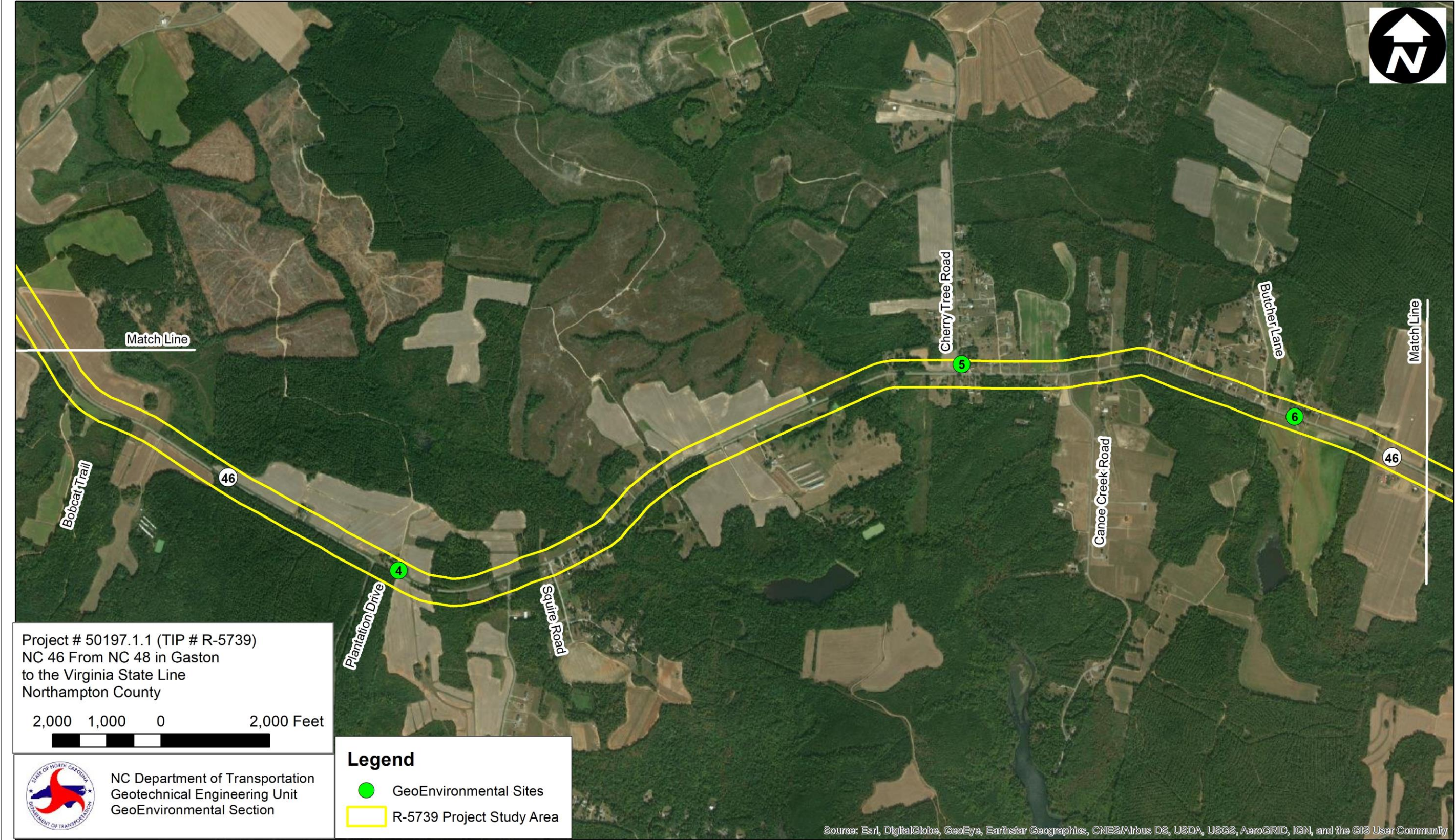


Figure 3
Location of GeoEnvironmental Sites of Concern

