



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

January 31, 2020

MEMORANDUM TO: Jimmy Terry, PE
Consultant Project Engineer
TGS Engineers

FROM: Dennis G. Li, Ph.D., LG
GeoEnvironmental Project Manager
GeoEnvironmental Section
Geotechnical Engineering Unit

DocuSigned by:
Dennis Li
3288528EC798426...
1/31/2020

TIP NO: R-5921
WBS: 48470.1.1
COUNTY: HAYWOOD
DIVISION: 14
DESCRIPTION: Modernize U.S. 276 from U.S. 19 to I-40 in Haywood

SUBJECT: **GeoEnvironmental Phase I Report**

The GeoEnvironmental Section of the Geotechnical Engineering Unit performed a Phase I field investigation on January 21, 2020 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

Seven (7) 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.

Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL ENGINEERING UNIT
1589 MAIL SERVICE CENTER
RALEIGH, NC 27699-1589

Telephone: (919) 707-6850
Customer Service: 1-877-368-4968

Website: www.ncdot.gov

Location:
1020 BIRCH RIDGE DRIVE
RALEIGH, NC 27610

If there are questions regarding the geoenvironmental issues, please contact me, at (919) 707-6857.

cc:

John Pilipchuk, LG, PE, State Geotechnical Engineer

Brian Hanks, PE, State Structures Engineer

Brent Hall, Locations and Surveys

Byron Sanders, Jr., PE, State Utilities Manager

Ted Adams, PE, Division 14 Construction Engineer

Frankie Dills, Division 14 Right of Way Agent

Eric Williams, PE, Geotechnical Regional Manager

Jody Kuhne, LG, PE, Regional Geological Engineer

Heather Fulghum, State Negotiator

row-notify@ncdot.gov

roadwaydesign@ncdot.gov

hydraulics_notify@ncdot.gov

(01) Property Name:
TIME OUT MARKET 5
5279 JONATHAN CREEK ROAD
WAYNESVILLE, NC 28785

Property Owner:
HAYWOOD OIL CO INC
PO DRAWER 1110
WAYNESVILLE, NC 28786

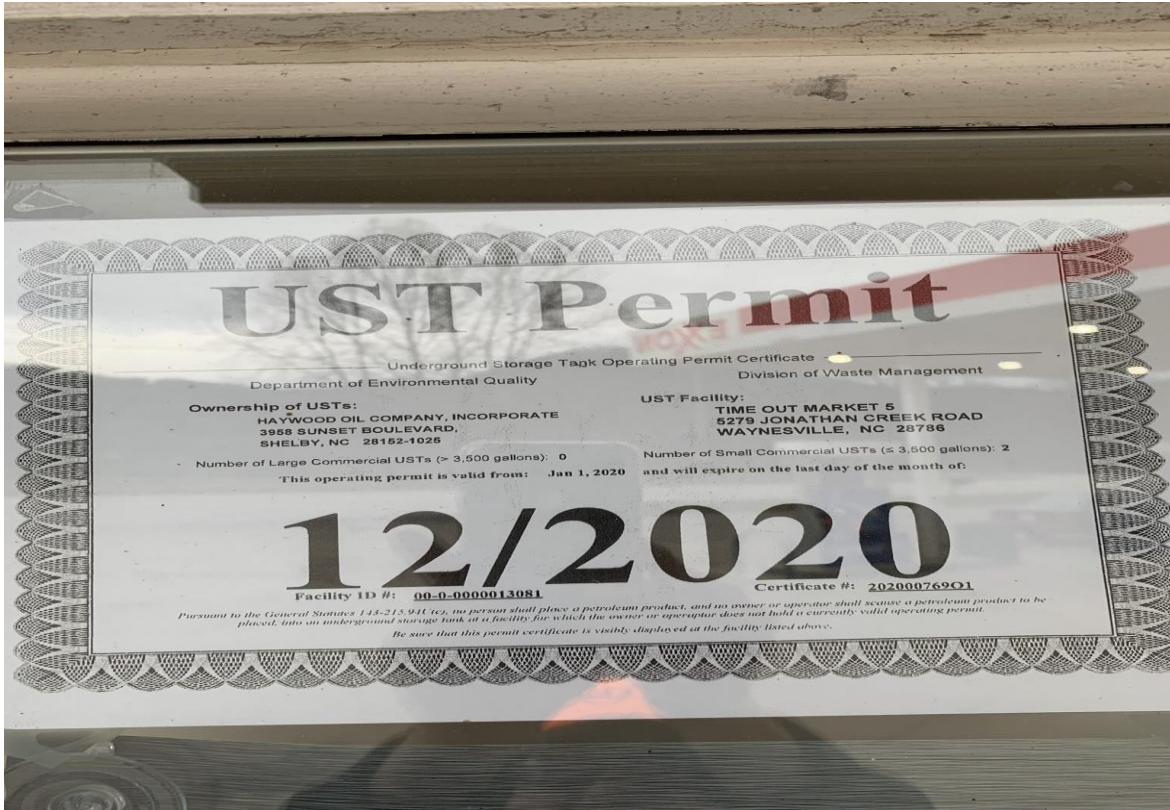
Facility ID: 00-0-0000013081
Incident Type/Number: 28976

UST Owner:
HAYWOOD OIL COMPANY,
INCORPORATED
3958 Sunset Blvd
SHELBY, NC 28152



Anticipated Impacts: LOW

This is an active gas station with three above ground storage tanks (ASTs) and two small underground storage tanks (USTs) permitted in use at the site. One groundwater incident was recorded in NCDEQ's database in 2012 with high risk rating. However, there were no monitoring wells observed at the site during this visit.



Current UST permit



Kerosene Pump



Large ASTs in the fenced area.



Kerosene UST



Diesel UST

(02) Property Name:

Aztex Food Shop (The local Market #204)
5171 JONATHAN CREEK ROAD
WAYNESVILLE, NC 28785

Property Owner:

HACKNEY PETROLEUM CAROLINA
PO BOX 50038
KNOXVILLE, TN 37950

Facility ID: 00-0-0000009924

Incident Type/Number: 28693

UST Owner:

HACKNEY PETROLEUM INC
PO BOX 50038
KNOXVILLE, TN 37950



Anticipated Impacts: LOW

This is an active gas station with four underground storage tanks (USTs) permitted in use at the site. One groundwater incident was recorded in NCDEQ's database. However, there were no monitoring wells observed at the site during this visit.



Current UST permit



UST area with an AST at the corner of the building

(03) Property Name:
SORRELLS MERCHANDISING, INC.
(Marathon Gas)
3796 JONATHAN CREEK ROAD
WAYNESVILLE, NC 28785

Property Owner:

UST Owner:
SORRELLS MERCHANDISING INC
SCOTTSDALE, AZ 85260

Facility ID: 00-0-0000010993



Anticipated Impacts: LOW

This is an active gas station with one above ground storage tank (AST) and five underground storage tanks (USTs) permitted in use at the site. No groundwater incident was recorded in NCDEQ's databases; however, remediation system wells were observed at the site during this visit.



Current UST permit



UST area 1



UST area 2. Noted the remediation wells (the square metal covers) in the area.



UST area 3



AST at the corner of the building.

(04) Property Name:
JOHNNY LOWE CONSTRUCTION INC
2751 JONATHAN CREEK RD
WAYNESVILLE, NC 28785

Property Owner:
JOHNNY LOWE CONSTRUCTION INC
236 CABIN COVE RD
CLYDE, NC 28721

Facility ID: N/A

Incident Type/Number: N/A



Anticipated Impacts: LOW

This is a construction business facility. It could have been a truck repair business before. UST system could be installed on site and the status of those USTs were unknown. No record can be located either in NCDEQ's UST registry database or NCDEQ's groundwater incident database. No USTs or monitoring wells were observed at the site during this visit.



Aerial photo in 2013

(05) Property Name:

Jamie's Automotive and Equipment Repair
(former gas station)
1668 JONATHAN CREEK ROAD
WAYNESVILLE, NC 28785

Property Owner:

JAMES, VIVIAN/TR , VIVIAN JAMES
LIVING TRUST
120 ASBURY RD
WAYNESVILLE, NC 28785

Facility ID: N/A

Incident Type/Number: N/A



Anticipated Impacts: LOW

This is now an auto repair business. It was a former gas station. Evidence of USTs removal were observed on site. No groundwater incident or UST registry were recorded in NCDEQ's database. No monitoring wells observed at the site during this visit.



Former UST dispenser area 1



Former UST dispenser area 2



Possible former UST area.



Car repair work area.

(06) Property Name:

Carolina Pride Vinyl Siding (former gas station)
245 JONATHAN CREEK ROAD
WAYNESVILLE, NC 28785

Property Owner:

LOWE, RALPH GENE
245 JONATHAN CREEK ROAD
WAYNESVILLE, NC 28785

Facility ID: N/A

Incident Type/Number: N/A



Anticipated Impacts: LOW

This is now a building repair/restoration business. It was a former gas station. Evidence of USTs system observed on site. No groundwater incident or UST registry were recorded in NCDEQ's database. No monitoring wells observed at the site during this visit.



Possible UST area



Possible former UST disperser area

(07) Property Name:

Teague's Grocery and Café
130 Soco Rd
Maggie Valley, NC 28751

Property Owner:

TEAGUE, JAMES J JR
1 LIBERTY OAK DR
ASHEVILLE, NC 28804

Facility ID: 00-0-0000010241

Incident Type/Number: 7364/15641

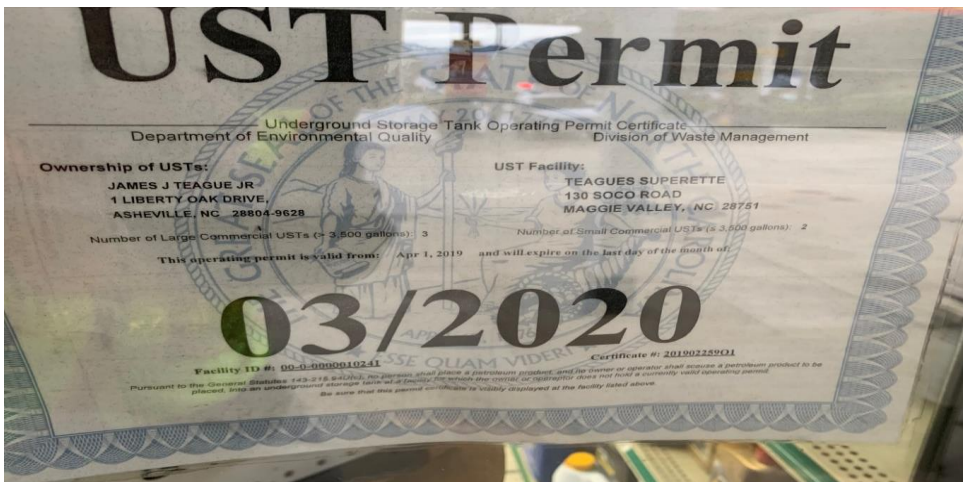
UST Owner:

TEAGUE, JAMES J JR
1 LIBERTY OAK DR
ASHEVILLE, NC 28804



Anticipated Impacts: LOW

This is a large tract of land with an active gas station and approximately 50 units of vocational campers/buildings. The gas station has five underground storage tanks (USTs) permitted in use at the site. Two groundwater incidents were recorded in NCDEQ's database associated with the site. However, there were no monitoring wells observed at the site.



Current UST permit

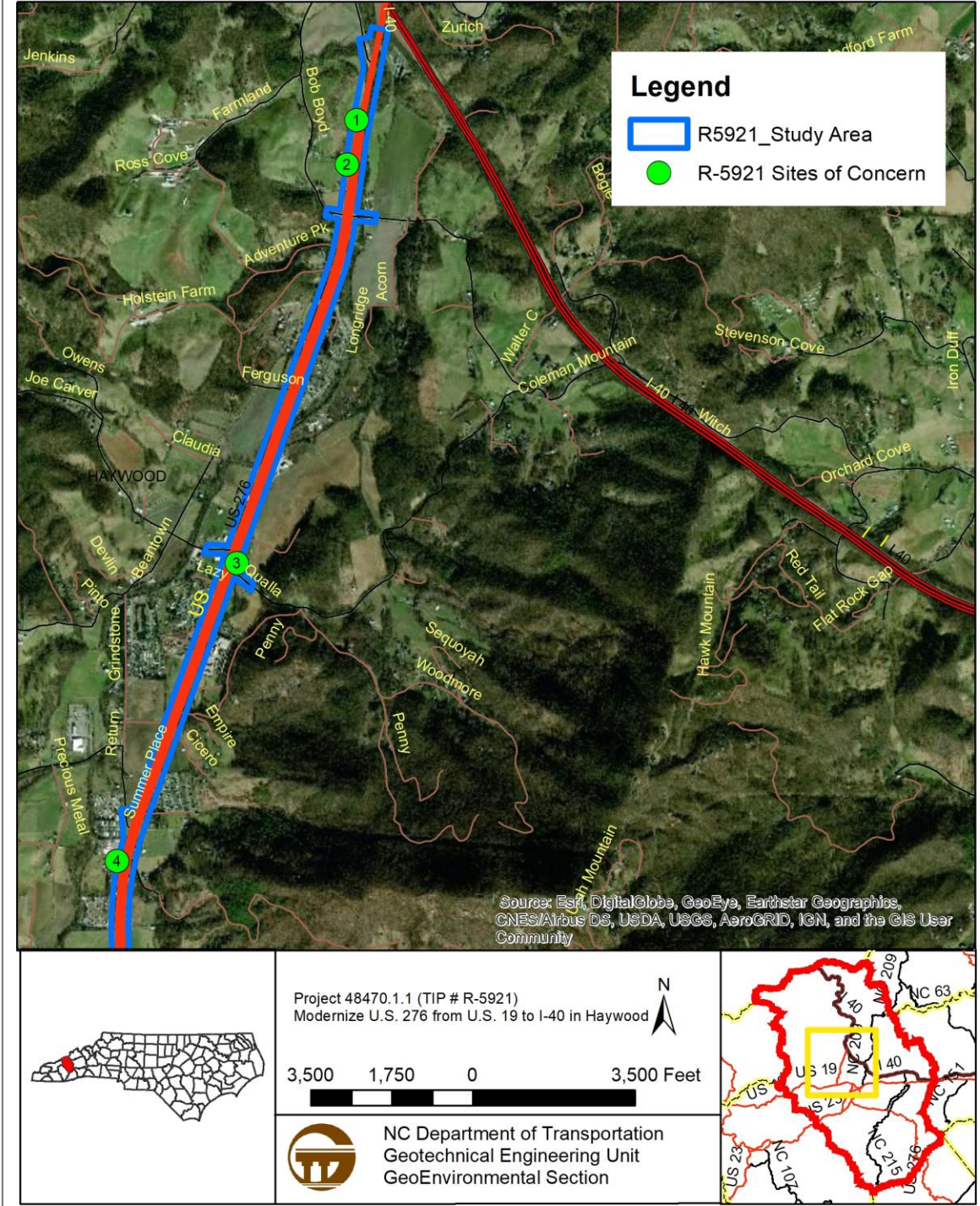


USTs area

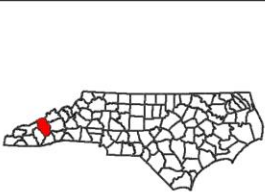
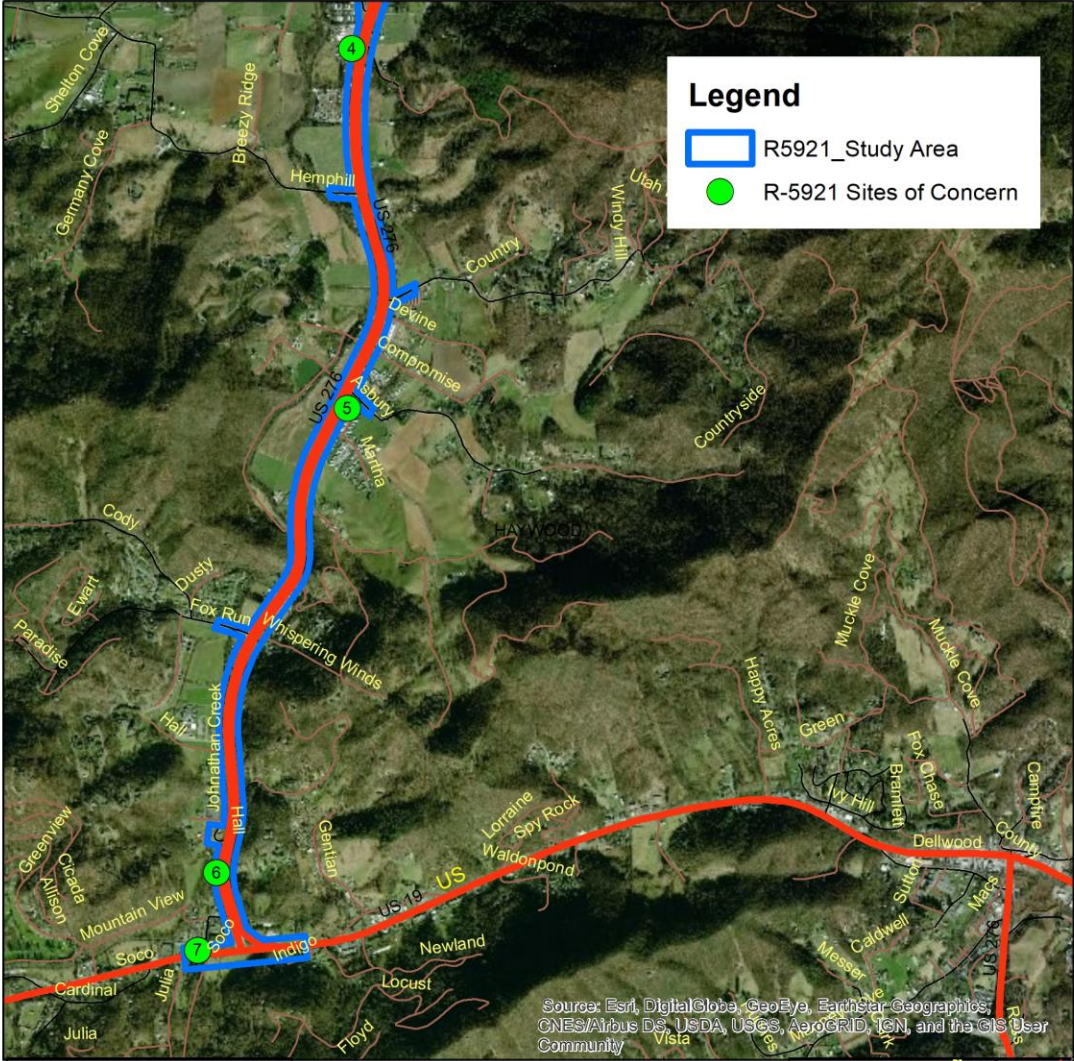


Two service areas (front) and the campers/buildings in the back.

Appendix A
Location of GeoEnvironmental Sites of Concern (Figure 1 of 2)



Appendix A
Location of GeoEnvironmental Sites of Concern (Figure 2 of 2)



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NC Department of Transportation
Geotechnical Engineering Unit
GeoEnvironmental Section

