STATE OF NORTH CAROLINA
# DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J. ERIC BOYETTE
SECRETARY

08/24/2023

MEMORANDUM TO: Rob Weisz
Division Bridge Program Manager

FROM: Gordon Box, PG
GeoEnvironmental Project Manager
GeoEnvironmental Section
Geotechnical Engineering Unit

DocuSigned by:
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TIP NO: B-4676
WBS: 33831.1.2
COUNTY: WILKES
DIVISION 11
DESCRIPTION: Replacement of Bridge 29 over Cub Creek SR 1001 (Oakwood Road) over Cub Creek

SUBJECT: **GeoEnvironmental Phase I Report**

The GeoEnvironmental Section of the Geotechnical Engineering Unit performed a Phase I field investigation on August 15, 2023, to identify geoenvironmental sites of concern. (Cumulative research included review of GIS and Historical Aerials and previous site reconnaissance on January 25, 2016 and November 15, 2005. Pre-Scoping Comments were issued for R-5772 on September 17, 2018. The bridge was also reevaluated remotely on September 10, 2015.) 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**

Five (5) 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.

*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

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) 707-6859.

John Pilipchuk, LG, PE, State Geotechnical Engineer
Brian Hanks, PE, State Structures Engineer
Brent Hall, Locations and Surveys
Stephen G. Sealy, Regional Utility Coordinator (Western Region)
Ivan H. Dishman, PE, Division Construction Engineer
Chris Steele, Division Right of Way Agent
Eric Williams, PE, Geotechnical Regional Manager
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Luis Pages, State Negotiator
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File

**(01) Property Name:**
Sunoco at D.E. Turner Oil station #4 Property
332 East Main Street
North Wilkesboro, NC

**Property Owner:**
Future Right of Ways LLC &
356 Smithey's Country Lane
Millers Creek, NC 28651

**Facility ID:** 00-0-000-006958
**Incident Type/Number:** 6395
**UST Number:** WS-2766

**UST Owner:**
Sunoco at D.E. Turner Property
E. Main St.
Wilkesboro, NC

**Anticipated Impacts:** Low

This parcel is currently the site of a vacant lot located along the NW intersection of Oakwoods Rd./Wilkesboro Ave & E. Main St. Two relict driveways were observed in the curbing. A groundwater monitoring well was observed onsite. The parcel formerly had a Sunoco station onsite. A site assessment July 18, 1989 for TIP B-1432, reported soil & groundwater contamination. According to NCDEQ data, a UST Incident was reported October 20, 1989, and was not closed out. The USTs were closed September 12, 2014 by Seramur and Assoc. Soil was found to be contaminated beneath a UST and product line. The site was accepted by State-Lead on October 11, 2022. (north toward the left in photograph)

**(02) Property Name:**
Mavis Tires and Brakes
400 E Main St
North Wilkesboro, NC

**Property Owner:**
J Myers Investment, LLC
458 Country Oak Ln
Wilkesboro, NC 28697

**Facility ID:** NA
**Incident Type/Number:** NA
**UST Number:** NA

**UST Owner:**
NA

**Anticipated Impacts:** Low

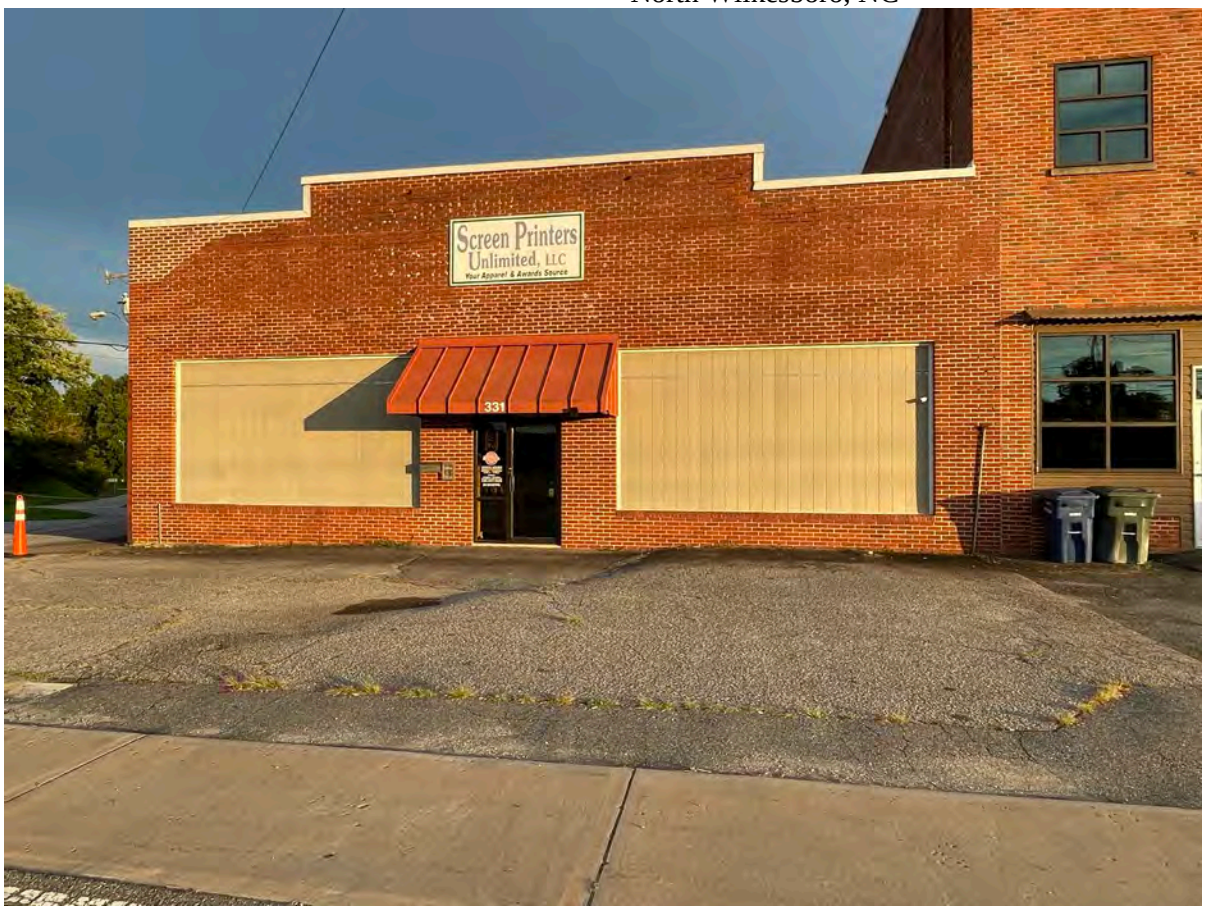
This parcel is the site of an active Myers Tire store retailer that constructed between 1988 and 1998. It is located at the NE quadrant of Oakwoods Rd./Wilkesboro Ave. and E. Main St. (north toward the left in first photograph). The current onsite building has five bay doors. Aboveground storage tanks are present inside the building for oil and waste oil. Before the current building and the current location of Oakwood Rd., the parcel had a smaller building onsite (e.g. September 30, 1959, north toward top of page in second photograph). Historical aerial photography suggests that the parcel contained multiple automobiles in addition to the onsite building, which suggests the former facility also serviced automobiles. USTs and/or inground hydraulic lifts could have been associated with either parcel usage.

**(03) Property Name:**
Screen Printers Unlimited
331 E Main St
North Wilkesboro, NC

**Facility ID:** NA
**Incident Type/Number:** NA
**UST Number:** NA

**Property Owner:**
Screen Printers Unlimited, LLC
331 E Main St
Wilkesboro, NC

**UST Owner:**
Screen Printers Unlimited, LLC
331 E Main St
North Wilkesboro, NC




**Anticipated Impacts:** Low

This parcel is the site of an active business. It is located at the SW quadrant of the Oakwoods Rd./Wilkesboro Ave. and E. Main St. One probable vent pipe and one possible fill port (right in photograph) were observed onsite in front of the building, which suggests that a UST is probably onsite.

**(04) Property Name:**
NWNC Batting Facility
327 E Main St
North Wilkesboro, NC

**Facility ID:** NA
**Incident Type/Number:** NA
**UST Number:** NA

**Property Owner:**
Nafe Family Holdings, LLC
201 Elkin Hwy Suite F
Wilkesboro, NC

**UST Owner:**
Nafe Family Holdings, LLC
201 Elkin Hwy Suite F
Wilkesboro, NC

**Anticipated Impacts:** Low

This parcel is the site of an active sports business. It is located near the SW quadrant of the Oakwoods Rd./Wilkesboro Ave. and E. Main St. Three probable vent pipes and three possible fill ports were observed onsite in front of the building (left of the middle door), which suggests that three USTs are probably onsite.

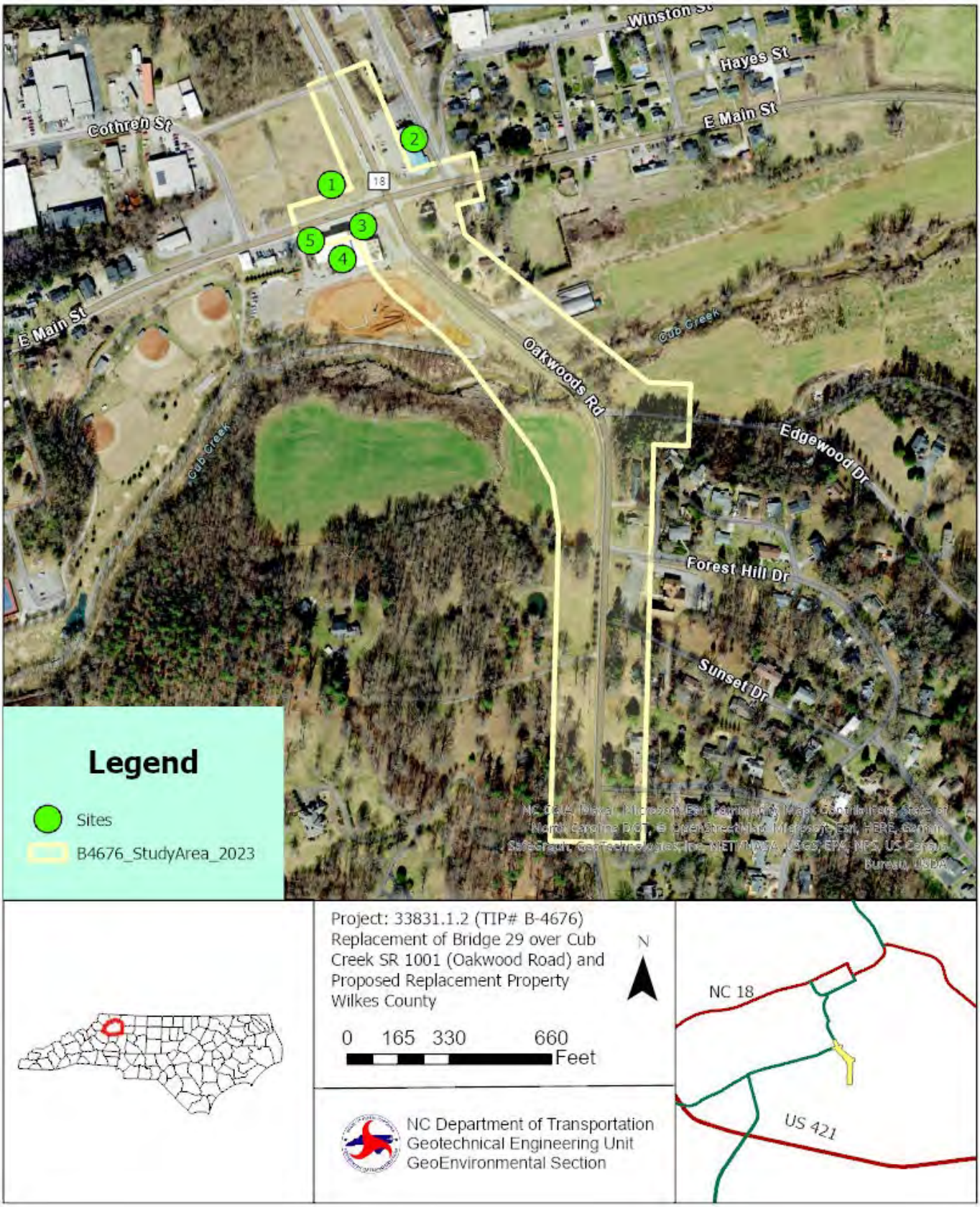
**(05) Property Name:**
Wilkes Mobile Home Supply
309 E Main St
North Wilkesboro, NC

**Facility ID:** NA
**Incident Type/Number:** NA
**UST Number:** NA

**Property Owner:**
RF Holdings, LLC
P O Box 57
Wilkesboro, NC

**UST Owner:**
Holdings, LLC
P O Box 57
Wilkesboro, NC

**Anticipated Impacts:** Low

This parcel is the site of an active business. It is located near the SW quadrant of the Oakwoods Rd./Wilkesboro Ave. and E. Main St. One vent pipe and one possible fill port were observed onsite to the right of the building, which suggests that a UST is probably onsite.

**Appendix A**
**Location of GeoEnvironmental Sites of Concern**