



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY


May 17, 2018

MEMORANDUM TO:

Amy Euliss
Division Environmental Engineer
Highway Division 9

FROM:

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

DocuSigned by:

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TIP NO:

U-5899

WBS:

44689.1.1

COUNTY:

FORSYTH

DIVISION

9

DESCRIPTION:

New Route from Forum Parkway Connector from SR 3955
(Forum Parkway) To NC 66 (University Parkway) in Rural Hall.
Construct 2-Lane Roadway on New Location

SUBJECT:

GeoEnvironmental Planning Report

The GeoEnvironmental Section of the Geotechnical Engineering Unit performed a Phase I field investigation on March 6, 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

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.

If there are questions regarding the geoenvironmental issues, please contact me, at 919 707-6859.

cc:

John Pilipchuk, LG, PE, State Geotechnical Engineer

Stephen R. Morgan, PE, State Hydraulics Engineer

Andrew McDaniel, PE, Stormwater NPDES Permit Program - Engineering Supervisor

Brian Hanks, PE, State Structures Engineer

Dale Burton, PE, PLS, State Locations and Surveys Engineer

Carl Barclay, PE, State Utilities Manager

Lee Puckett, PE, Division Construction Engineer

Rodney K Hatton, Division Right of Way Agent

Eric Williams, PE, Geotechnical Regional Manager

Kevin Miller, PG, Regional Geological Engineer

Steve Grimes, ROW Unit, Negotiations, State Negotiator

row-notify@ncdot.gov

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File

(01) Property Name:

Construction Yard-
445 Forum Pkwy
Rural Hall, NC

Property Owner:

Sunshine Boys Investments II LLC
620 Forum Pkwy
Rural Hall, NC 27045

Facility ID: NA

Incident Type/Number: NA

UST Number: NA

UST Owner:

NA



Anticipated Impacts: Low

This parcel is the site of an office, and on the eastern portion of the site, is a construction lay down yard. The site is located NE of Forum Pkwy. There is a risk of hydraulic and fuel leaks associated with stored equipment.

(02) Property Name:

Construction Yard
603 Angus Street
Rural Hall, NC

Property Owner:

Jones Wiley R
627 Forum Pkwy.
Rural Hall, NC 27045

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

NA

**Anticipated Impacts:** Low

This parcel is the site of a construction yard. It is located North of Angus St. at the eastern end of Angus St. The site use includes long-term parking of diesel/hydraulic construction equipment, since c. 2010. There is a risk of hydraulic and fuel leaks associated with stored equipment.

(03) Property Name:

O'Brien Southern Trenching
610 Angus Street
RURAL HALL, NC

Property Owner:

C&M Corp. Prop. Inc.
4794 Pfaff Ln.
Pfafftown, NC 27040-03781

Facility ID: NA

Incident Type/Number: NA

UST Number: NA

UST Owner:

NA



Anticipated Impacts: Low

This construction yard and office building is located South of Angus St. at the eastern end of Angus St. Site use includes long-term parking of trucks and lay down of supplies, since c. 1999. There is a risk of hydraulic and fuel leaks associated with stored equipment.

(04) Property Name:

Ready Mixed Concrete Company
633 Angus Street
RURAL HALL, NC

Property Owner:

Southern Equipment Co Inc.
3610 Bush St.
Raleigh, NC 27609

Facility ID: NA

Incident Type/Number: NA

UST Number: NA

UST Owner:

NA



Anticipated Impacts: Low

This ready mixed concrete co. is located along the northern side of Angus St. The site is dilapidated. There is a risk of hydraulic and fuel leaks/spills associated with stored equipment and/or fueling of vehicles are potential concerns on this site.

(05) Property Name:
Perfection Exhaust
6615-6617 University Parkway
Rural Hall, NC

Property Owner:
Thurste, LLC
6615 University Pkwy
Rural Hall, NC 27045

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

UST Owner:
NA



Anticipated Impacts: Low

This site has two buildings on the same parcel located along the eastern side of Univ. Pkwy. Perfection Exhaust and Auto Care has two bay doors on the western building side (front). Hydraulic lifts with in-ground components may be present. The potential for USTs, fuel, oil, and solvent spills are a concern on this site

(06) Property Name:

Joe Naylor
6640 aka 6644 Univ. Pkwy.
RURAL HALL, NC

Property Owner:

Naylor, Joe Bill
255 Joyner Cir.
Rural Hall, NC 27045

Facility ID: NA

Incident Type/Number: 44820 (c. 2017)

UST Number: WS-9626

UST Owner:

Naylor, Joe Bill
255 Joyner Cir.
Rural Hall, NC 27045



Anticipated Impacts: Low

This parcel is the site of a residence located on the western side of Univ. Pkwy. A residential fuel tank incident occurred April 4, 2017 and was closed December 14, 2017. The potential for USTs, fuel spills are a concern on this site

(07) Property Name:
Fast Track Automotive
6651 University Parkway
Rural Hall, NC

Property Owner:
Stolz & Pinnix Family LLC
6056 Stanleyville Dr.
Rural Hall, NC 27045

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

UST Owner:
NA



Anticipated Impacts: Low

This auto service facility is located on the eastern side of Univ. Pkwy. Modern hydraulic lifts, without in-ground components were observed, which are not a typical geoenvironmental concern, but older hydraulic lifts may also be present that could have in-ground components. The potential for USTs, fuel, oil, and solvent spills are also a concern on this site.

(08) Property Name:
Automotive Additions
6655 University Parkway
Rural Hall, NC

Property Owner:
Hall Nicholas David Hall Anna C
6655 University Pkwy
Rural Hall, NC 27045

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

UST Owner:
NA



Anticipated Impacts: Low

This parcel is the site of an auto service facility. It is located on the eastern side of Univ. Pkwy. The potential for fuel, oil, and solvent spills are a concern on this site.

(09) Property Name:

White Block/Brick Façade Building
6663 University Parkway
Rural Hall, NC

Property Owner:

Easter Investment Group, LLC
1485 Oscar Frye Rd.
Pinnacle, NC 27043

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

NA

**Anticipated Impacts:** Low

This possible former gas station is located on the eastern side of Univ. Pkwy. White block is on the sides of this building, it has a red brick façade. A heating oil fill port was observed on the northern side of the building (a tank may be in the building). The building appears to be a former gas station per NCDOT Historical Aerial Photography Mission 3118, c. 1993 (blue circle above). A pump island may be evident in the photograph. The potential for USTs, fuel, oil, and solvent spills are a concern on this site

(10) Property Name:

Greenfront Service Station
6674 University Parkway
RURAL HALL, NC

Property Owner:

Mrs. Carter WE. (Deceased)
110 Sunset Dr.
Rural Hall, NC 27045

Facility ID: NA

Incident Type/Number: 13104 (c. 1995, closed
c. 2005)

UST Number: WS-3945

UST Owner:

Mildred (Millie) D. Carter,
(Contact: Bob Carter 910-761-9446)
PO Box 208
Rural Hall, NC 27045

**Anticipated Impacts:** Low

This parcel is the site of a former gas station. It is located on the western side of Univ. Pkwy. A UST incident occurred and was accepted by State Lead 1/11/95. Four USTs were removed, report dated 7/25/1995. Soil was impacted. A No Further Action status was granted 9/30/2005. A pump island remains evident on site (photograph). A second building north of the main building appears to have bay doors, and may have hydraulic lifts with in-ground components. The site was used for car storage, possibly salvage vehicles, c. 2002-2014, per historical aerial photography. The potential for other USTs, fuel, oil, and solvent spills are a concern on this site.

(11) Property Name:

Lee's Garage and Evan's Used Cars
6710, 6716 University Parkway
Rural Hall, NC

Property Owner:

Evans Arvel Gray
PO Box 1619
King, NC 27021

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

UST Number: WS-1730

UST Owner:

Arvel B Evans
636 Main St.
King, NC 27021

**Anticipated Impacts:** Low

This parcel is the site of two buildings and businesses on the same County parcel: Lee's Garage (left, south) and Evans Used Cars (right, north). This site is located along the western side of Univ. Pkwy. A NCDEQ Incident (with no incident number) is attributed to Evans Used Cars/6710 University Parkway. Lee's garage is an apparent former gas station as a pump island is evident. One of the hydraulic lifts at Lee's Garage was observed to have in-ground components. The potential for USTs, fuel, oil, and solvent spills are a concern.

(12) Property Name:

Bill Plemmons RV World
6725 University Parkway
Rural Hall, NC

Property Owner:

4S Properties LLC
6725 University Pkwy
Rural Hall, NC 27045

Facility ID: NA

Incident Type/Number: 37855

UST Number: WS-8588

UST Owner:

NA



Anticipated Impacts: Low

This parcel is the site of a recreational vehicle facility. It is located on the eastern side of Univ. Pkwy. Five bay doors were observed. The potential for USTs, fuel, oil, and solvent spills are a concern.

(13) Property Name:

Busick Brothers Machine, Inc
Unit 264 of mixed-use rental property
262 Northstar Dr. Apt/Unit 162
Rural Hall, NC

Property Owner:

Busick Brothers Masonry Inc.
PO BOX 1009
Rural Hall, NC 27045

UST Owner:

NA

Facility ID: NA

Incident Type/Number: NA

UST Number: NA

**Anticipated Impacts: Low**

This parcel has multiple buildings with multiple light, mixed use industry vendors in each building. Unit 264 is Busick Brothers Machine shop. The side of this unit has several empty drums stored outside. The drums previously had numerous chemicals within them and have been reportedly repurposed to be filled with waste metal cuttings. The drums reportedly arrive empty, and have not been relabeled, or unlabeled. There is a potential for chemical/solvent spills associated with the drums and/or the machine shop.

Appendix A Location of GeoEnvironmental Sites of Concern

