



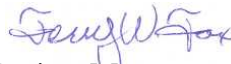
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE
GOVERNOR

EUGENE A. CONTI, JR.
SECRETARY

September 26, 2012

MEMORANDUM TO: Ryan White, PE
Rail Project Development Engineer
Environmental & Planning, Rail Division

FROM: Terry W. Fox, LG 
GeoEnvironmental Project Manager
GeoEnvironmental Section
Geotechnical Engineering Unit

TIP NO: P-5204
WBS: 52400.1.STR02T2
COUNTY: Guilford
DIVISION: 7
DESCRIPTION: McLeansville Road (SR-2819) Grade Separation

SUBJECT: **GeoEnvironmental Report for Planning**

The GeoEnvironmental Section has completed the GeoEnvironmental Report for Planning. This report has the following components and is transmitted as:

X Hazardous Materials Report (5) pages

Please contact me if you have any questions concerning this project.

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
GEOTECHNICAL ENGINEERING UNIT
1589 MAIL SERVICE CENTER
RALEIGH NC 27699-1589

TELEPHONE: 919-707-6850
FAX: 919-250-4237

www.ncdot.gov/doh/preconstruct/highway/geotech

LOCATION:
CENTURY CENTER COMPLEX
BUILDING B
1020 BIRCH RIDGE DRIVE
RALEIGH NC 27610

Hazardous Materials Report

The GeoEnvironmental Section of the Geotechnical Engineering Unit has investigated the above referenced project to identify hazardous material sites for inclusion in the environmental document.

HAZARDOUS MATERIALS EVALUATION

Purpose

This section presents the results of a hazardous material evaluation conducted along the above referenced project. The main purpose of this investigation is to identify properties within the project study area that are or may be contaminated and therefore result in increased project costs and future liability if acquired by the Department. Hazardous material impacts may include, but are not limited to, active and abandoned underground storage tank (UST) sites, hazardous waste sites, regulated landfills and unregulated dumpsites.

Techniques/Methodologies

The Geographical Information System (GIS) was consulted to identify known sites of concern in relation to the project corridor. Geotechnical Engineering Unit personnel conducted a field reconnaissance along the above mentioned project on September 25, 2012. A search of appropriate environmental agencies' databases was performed to assist in evaluating sites identified during this study.

Findings

UST Facilities

Based on our study, two (2) sites may contain petroleum USTs within the project limits.

Hazardous Waste Sites

No Hazardous Waste Site was identified within the project limits.

Landfills

No apparent landfills were identified within the project limits.

Other GeoEnvironmental Concerns

No other geoenvironmental concerns were identified within the project limits.

Anticipated Impacts

Two (2) possible UST facilities were identified within the proposed project limits. We anticipate low monetary and scheduling impacts resulting from these sites. (See the following table and appendices for details)

Known and Potential Hazardous Material Sites

-
- | | | |
|----|--|---|
| 1) | Property Name
McLeansville Fire & Rescue
5326 Frieden Church Road
McLeansville, NC 27301

Facility ID #: 0-003455 | Property Owner:
McLeansville Fire Department
PO Box 166
McLeansville, NC 27301

UST Owner:
McLeansville Fire Department
PO Box 166
McLeansville, NC 27301 |
|----|--|---|



The fire department is located on the south side of Frieden Church Road and 450 feet west of the McLeansville Road intersection. According to the UST Section registry two (2) tanks were removed from this parcel in 1991. One (1) heating oil tank remains on the property. The former tank bed is located at the rear of this structure. In addition, an inactive air sparge system and monitoring wells are also located south of the facility. The McLeansville Fire Chief stated that the remediation system has been inactive for several years. This property does not appear on the Ground Water Incident database. **This site is anticipated to present low geoenvironmental impacts to the project.**

2) **Property Name**
Lynn's Furniture Gallery
5335 Frieden Church Road
McLeansville, NC 27301

Facility ID #: 0-010508

Property Owner:
Charles & Martha Terry
2917 Rogers Road
Graham, NC 27253

UST Owner:
Charles & Martha Terry
1766 Mt. Hope Church Road
McLeansville, NC 27301



This furniture business is located on the northwest quadrant of Frieden Church Road and McLeansville Road. McLeansville Auto Service originally operated from this location. According to the UST Section registry four (4) tanks were removed from this parcel in 1997. The McLeansville Fire Chief verified the UST removals and indicated that the tank bed was located off of the east corner of the structure. There are no monitoring wells on site and no ground water incidents are associated with this facility. **This site is anticipated to present low geoenvironmental impacts to the project.**

Please note that discovery of additional sites not recorded by regulatory agencies and not reasonably discernable during the project reconnaissance may occur. The Geotechnical Engineering Unit 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 919-707-6870.



Terry W. Fox, LG
GeoEnvironmental Project Manager
GeoEnvironmental Section
Geotechnical Engineering Unit

File

Appendix A
 Location of USTs, Landfills, & Other Potentially Contaminated Sites

