



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE
GOVERNOR

EUGENE A. CONTI, JR.
SECRETARY

October 3, 2012

MEMORANDUM TO: Matthew Simmons
Rail Project Development Engineer
Environmental & Planning, Rail Division

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

TIP NO: P-5206C
WBS: 52000.3.STR03T4A
COUNTY: Rowan
DIVISION: 9
DESCRIPTION: NCRR/NS Main Line from Mount Hope Church Road to East Blume Street

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 (12) pages

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

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

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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. GeoEnvironmental Section 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, nine (9) 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

Nine (9) 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 Lupita's Variedades Supermarket 1740 N. Main Street China Grove, NC 28023	Property Owner: Paulino & Silvia Curiel 215 N. Bostian Street China Grove, NC 28023
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This grocery store is located on the southeast side of US 29 (N. Main St) and 400 feet north of the Collins Road intersection. This parcel does not appear on the UST Section registry. 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 Downtown Tire & Auto 221 S. Main Street China Grove, NC 28023	Property Owner: Hubert & WF Styles 1303 Killian Road Stanley, NC 28164
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This former tire and automotive repair facility (also known as the Body Works) is located south of Main Street at the Patterson Street intersection. A gas station formerly operated at this location. The remains of a pump island are at the front and two (2) UST vent lines are at the rear of this structure. This parcel does not appear on the UST Section registry. 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.**

3)	Property Name Alley's Restaurant 303 S. Main Street China Grove, NC 28023	Property Owner: Margaret V. Smith 963 Holly Springs Road Mount Airy, NC 27030
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This active restaurant is located south of Main Street and the Patterson Street intersection. A gas station and convenience store may have once operated at this location. This parcel does not appear on the UST Section registry. This property does not appear on the Ground Water Incident database. **This site is anticipated to present low geoenvironmental impacts to the project.**

4)	Property Name Former Hair Train Express 711 S. Main Street China Grove, NC 28023	Property Owner: Donnie B. Sechler 136 Greenview Drive Kannapolis, NC 28081
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This former retail business is located on the east side of South Main St and 550 feet north of the Kirk Street intersection. A gas station may have once operated at this location. This parcel does not appear on the UST Section registry. 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.**

5)	Property Name Former CCI Telecom 809 S. Main Street China Grove, NC 28023	Property Owner: Johnny & Brenda Morgan 410 Rock Creek Road Rockwell, NC 28138
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This church (Faith That Works Christian Church) and former retail business is located on the east side of South Main Street and 225 feet north of the Kirk Street intersection. A gas station may have once operated at this location. This parcel does not appear on the UST Section registry. 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.**

6)	Property Name Former Williams Auto Sales 819 S. Main Street China Grove, NC 28023	Property Owner: Junior & Joy Kirk 8035 Georgia Ave. Kannapolis, NC 28081
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This closed retail business is located on the east side of South Main Street and across from the Kirk Street intersection. Many businesses, including Easy Tint and Tunes and China Grove Taxi have operated from this location. A gas station may have also operated at this location. This parcel does not appear on the UST Section registry. This property does not appear on the Ground Water Incident database. **This site is anticipated to present low geoenvironmental impacts to the project.**

7)	Property Name South End Tavern 104 East Thom Street China Grove, NC 28023	Property Owner: Eva B. Stewart 301 N. Correll Street Landis, NC 28088
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This closed bar is located on the south quadrant of South Main Street and Thom Street. This parcel does not appear on the UST Section registry. A gas station may have once operated at this location. 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.**

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- 8) **Property Name**
Just Another Business Center
1113 S. Main Street
China Grove, NC 28023
- Facility ID #:** 0-019059
Incident #: 22556
- Property Owner:**
Allen & Barbara Welter
109 N. Main Street
China Grove, NC 28023
- UST Owner:**
Fred Lambe
312 Blackwelder Street
China Grove, NC 28023



This facility is located on the east side of South Main Street and 200 feet south of the East Thom Street intersection. Fred's One-Stop gas station originally operated from this location. Evidence of a pump island near the southeastern corner of this structure. According to the UST Section registry two (2) tanks were removed from this parcel in 2000. There are monitoring wells on site and Groundwater Incident # 22556 has been assigned to this property. **This site is anticipated to present low geoenvironmental impacts to the project.**

9)	Property Name The Plumbing Shoppe, Inc. 620 N. Main Street Landis, NC 28088	Property Owner: The Plumbing Shoppe, Inc. 620 N. Main Street Landis, NC 28088
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This former tire and automotive repair facility is located south of North Main Street at the Patterson Street intersection. A gas station formerly operated at this location. This parcel does not appear on the UST Section registry. 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 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 919-707-6870.



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

File

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

