




STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE  
GOVERNOR

EUGENE A. CONTI, JR.  
SECRETARY

March 14, 2012

MEMORANDUM TO: Sandra Stepney, PE  
Senior Project Engineer  
Rail Division, Engineering & Safety Branch

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

TIP NO: P-5206A  
WBS: 52000.1.STR03T1B  
COUNTY: Rowan  
DIVISION: 9  
DESCRIPTION: Peeler Road – Grade Separation of NCRR/NS from Reid to North  
Kannapolis

SUBJECT: **Geotechnical Report for Planning**

The Geotechnical Engineering Unit has completed the Geotechnical Report for Planning. This report has the following components and is transmitted as:

Hazardous Materials Report ( 10 ) pages  
 Geotechnical Impact Report ( ) pages

Please contact the project team members listed in the report if you have any questions concerning this project.

**MAILING ADDRESS:**  
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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](http://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 project corridor on March 6, 2012. A search of appropriate environmental agencies' databases was performed to assist in evaluating sites identified during this study.

#### **Findings**

##### **UST Facilities**

Four (4) petroleum UST sites were identified within the project limits.

##### **Hazardous Waste Sites**

No Hazardous Waste Sites were identified within the project limits.

##### **Landfills**

No apparent landfills were identified within the project limits.

##### **Other GeoEnvironmental Concerns**

Three (3) other geoenvironmental concerns, all automotive repair facilities, were identified within the project limits.

#### **Anticipated Impacts**

Four (4) UST facilities and three (3) automotive repair facilities were identified within the proposed project corridor. 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**

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- |    |   |   |
|----|---|---|
| 1) | <b>Property Name</b><br>Samuel Hart American Legion Post 14<br>4385 S. Main St<br>Salisbury, NC 28147 | <b>Property Owner:</b><br>Amhart Corp<br>c/o S Hart Post #14<br>RR 7 Box 338<br>Salisbury, NC 28144 |
|    | <b>Facility ID #:</b> N/A<br><b>NCDOT Parcel #</b> 025  | <b>UST Owner:</b><br>Amhart Corp<br>RR 7 Box 338<br>Salisbury, NC 28144                             |



This building currently houses the American Legion Post 14. It is located southeast side US 29 (South Main street and across from the intersection with Cedar Springs Road). A heating oil tank is located on the northwest side of the structure and is located approximately 60 feet from the South Main Street median. This parcel does not appear on the UST Section registry and no groundwater incidents are associated with this operation. **This site is anticipated to present low geoenvironmental impacts to the project.**

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|   |   |
|---|---|
| 2) <b>Property Name</b><br>Store Ruins<br>4345-65 S. Main St<br>Salisbury, NC 28147 | <b>Property Owner:</b><br>Beatrice B. Stiller<br>c/o Corinne S. Demarcus<br>226 Hollin Way<br>Winston-Salem, NC 27104 |
| <b>Facility ID #:</b> N/A<br><b>NCDOT Parcel #</b> 024                              | <b>UST Owner:</b><br>Beatrice B. Stiller<br>226 Hollin Way<br>Winston-Salem, NC 27104                                 |



This former store and possible gas station is abandoned. It is located on the southeast side of US 29 (South Main Street) and just northeast of the Cedar Springs Road intersection. The front of the structure is 55 feet from the South Main Street median. This property does not appear on the UST Section registry and no evidence of USTs was observed. A single vent line is located on the southwest side of this structure. **This site is anticipated to present low geoenvironmental impacts to the project.**

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3) **Property Name**  
Higgins Automotive  
4325 S. Main St  
Salisbury, NC 28147

**Facility ID #:** N/A  
**NCDOT Parcel #** 022

**Property Owner:**  
Beatrice B. Stiller  
c/o Corinne S. Demarcus  
226 Hollin Way  
Winston-Salem, NC 27104

**UST Owner:**  
Beatrice B. Stiller  
226 Hollin Way  
Winston-Salem, NC 27104



The facility currently operates as an automotive repair shop and a used car lot. According to tax records the building was first used as a warehouse. It is located in the south quadrant of the US 29 (South Main Street) and Peach Orchard Lane intersection. This property does not appear on the UST Section registry and no evidence of USTs was observed. However numerous vehicles are located on site making field observations difficult. **This site is anticipated to present low geoenvironmental impacts to the project.**

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- 4) **Property Name**  
On Track Auto Sales & Body Shop  
4235 S. Main St  
Salisbury, NC 28147
- Property Owner:**  
Timothy & Cynthia Nooner  
190 Roger Drive  
Salisbury, NC 28147
- Facility ID #:** N/A  
**NCDOT Parcel #** 020
- UST Owner:**  
John & Martha Russell  
6825 Old Beatty Ford Road  
Rockwell, NC 28138



The facility currently operates as an automotive repair shop and is a well maintained operation. It is located on the south side of US 29 (South Main Street) and between the intersections of Peach Orchard Lane and Peach Orchard Road. This property does not appear on the UST Section registry and no evidence of USTs was observed. This business used above ground lifts. **This site is anticipated to present low geoenvironmental impacts to the project.**

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- 5) **Property Name**  
Roadway Express  
4160 S. Main St  
Salisbury, NC 28147
- Facility ID #:** 0-018774  
**Incident #:** 14244
- Property Owner:**  
Carl Dean Fortson  
5035 Stokes Ferry Road  
Salisbury, NC 28146
- UST Owner:**  
Roadway Express, Inc  
c/o Robert Zimmerman  
1077 George Blvd  
Akron, OH 44309



This currently closed facility once operated as a warehouse. It is located on the north side of US 29 (South Main Street) and between the intersections of Peach Orchard Lane and Peach Orchard Road. According to the UST Section registry one UST was closed in 1994. A ground water incident #14244 was assigned to this property at that time. The incident was closed out in 2001. **This site is anticipated to present low geoenvironmental impacts to the project.**

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|----|--|---|
| 6) | <b>Property Name</b><br>Mechanica General<br>4120 S. Main St<br>Salisbury, NC 28147<br><br><b>Facility ID #:</b> N/A | <b>Property Owner:</b><br>Widenhouse Service, Inc<br>PO Box 5010<br>Concord, NC 28027<br><br><b>UST Owner:</b><br>Widenhouse Service, Inc<br>PO Box 5010<br>Concord, NC 28027 |
|----|--|---|



The facility currently operates as an automotive repair shop. According to tax records the building was first used as a retail business and possibly a gas station. It is located on the north side of US 29 (South Main Street) and across from the intersection of Peach Orchard Road. A tire display covers a possible former pump island. This property does not appear on the UST Section registry and no other evidence of USTs was observed. **This site is anticipated to present low geoenvironmental impacts to the project.**

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- 7) **Property Name**  
Lindsay Automotive  
201 Peach Orchard Rd  
Salisbury, NC 28147
- Facility ID #:** 0  
**NCDOT Parcel #** 049
- Property Owner:**  
Carla Howell & Patricia Fulcher, et.al.  
405 Frontier Cir  
China Grove, NC 28023
- UST Owner:**  
Carla Howell & Patricia Fulcher, et.al.  
405 Frontier Cir  
China Grove, NC 28023



This closed facility operated as an automotive repair facility. Marc's Auto Repair also operated from this location. Modifications have been made to the original structure, which according to tax records, originally operated as a warehouse. It is located in the south quadrant of Peach Orchard Road and NCRR/NS Railroad intersection. This property does not appear on the UST Section registry and no evidence of USTs was observed. **This site is anticipated to present low geoenvironmental impacts to the project.**

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The Geotechnical Engineering Unit can provide assessments on each of the above properties after identification of the selected alternative and before right of way acquisition. 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

cc:  
Rodney Hatton, Division 9 Right of Way  
John Pilipchuk, PE, LG, Geotechnical Engineering Unit Western Regional Office  
File



### Appendix A Location of UST's, Landfills, & other Potentially Contaminated Sites

