



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

PAT MCCRORY  
GOVERNOR

ANTHONY J. TATA  
SECRETARY

October 27, 2014

MEMORANDUM TO: Zahid M. Baloch  
Project Development Engineer

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

TIP NO: R-2307  
WBS: 37944.1.1  
COUNTY: Catawba-Iredell  
DIVISION: 12  
DESCRIPTION: NC 150 from NC 16 Bypass to Just West of US 21

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 (35) 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](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. GeoEnvironmental Section personnel conducted a field reconnaissance along the above mentioned project on September 24, 2014. 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, twenty nine (29) 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**

One (1) other geoenvironmental concern, an automotive repair facility, was identified within the project limits.

#### **Anticipated Impacts**

Twenty nine (29) possible UST facilities, and one (1) automotive repair facility were identified within the proposed project limits. We anticipate low monetary and scheduling impacts resulting from these sites. (See the following summaries and appendices for details)

**Known and Potential Hazardous Material Sites****CATAWBA COUNTY**

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1)	<b>Property Name</b> Vacant Lot 5621 E NC 150 Denver, NC 28037	<b>Property Owner:</b> Loeffler Building & Design, Ltd PO Box 641 Denver, NC 28037-0641
	<b>Facility ID #:</b> N/A <b>Incident #:</b> 16960	<b>UST Owner:</b> Mid-State Oil Co c/o Richard King PO Box 849 Lexington, NC 27293-0849



This former gas station site (Mid-State Oil) is located on the southwest quadrant of East NC 150 and South NC 16 Business intersection. According to the UST Section Registry an unknown number of tanks were removed in 1990. Ground Water Incident 16960 was assigned to the facility at that time as contaminated soil was encountered. The incident was closed out in May 1991. **This site is anticipated to present low geoenvironmental impacts to the project.**

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- 2) **Property Name**  
Former Tint Shop NC  
5622 E NC 150  
Maiden, NC 28650
- Facility ID #:** 0-021461  
**Incident #:** 27640
- Property Owner:**  
Joseph Caraccia  
14723 24<sup>th</sup> Ave  
Flushing, NY 11357
- UST Owner:**  
Joseph Caraccia  
14723 24<sup>th</sup> Ave  
Flushing, NY 11357



This closed business (formerly Ron & Don's Sportsman) is located on the northwest side of East NC 150 and 200 feet southwest of the South NC 16 Business intersection. According to the UST Section Registry there are three (3) tanks presently on site. Ground Water Incident 27640 was assigned to this facility in 2003. There are monitoring wells on site. **This site is anticipated to present low geoenvironmental impacts to the project.** AKA: Ron & Don's Bait & Tackle, Mom N Pop's gas station



- 3) **Property Name**  
ABC Store  
5640 E NC 150  
Maiden, NC 28650
- Facility ID #:** 0-002394  
**Incident #:** 36483
- Property Owner:**  
Catawba Co. ABC Board  
1910 Fairgrove Church Rd SE  
Newton, NC 28658
- UST Owner:**  
BJR Construction  
7041 Worth Street  
Denver, NC 28037



This ABC Store (formerly Crossroads Sunmart gas station) is located on the northwest quadrant of East NC 150 and South NC 16 Business intersection. According to the UST Section Registry the two (2) registered tanks were removed in 1990. Ground Water Incident 36483 was assigned to this facility in 2006 due to the sites history, and proximity to other former gas stations. No groundwater sampling data is available. **This site is anticipated to present low geoenvironmental impacts to the project.**

- 4) **Property Name**  
CVS Pharmacy  
6050 NC 16 BUS  
Denver, NC 28037
- Facility ID #:** 0-004242  
**Incident #:** 03898
- Property Owner:**  
Norvell Denver, LLC.  
1 CVS Drive  
Woonsocket, RI 02895
- UST Owner:**  
Ken Whisnat Estate  
5026 Kiser Island Road  
Terrell, NC 28682



This CVS Pharmacy (formerly Express Food Mart & gas station) is located on the southeast quadrant of East NC 150 and South NC 16 Business intersection. According to the UST Section Registry (7) tanks were removed in 1994. Ground Water Incident 03898 was assigned to this facility in 1988. There is an active remediation system with numerous recovery wells on site. In addition, five (5) rusted steel drums with unknown contents have been stored next to the remediation compound. **This site is anticipated to present low geoenvironmental impacts to the project.**



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5)	<b>Property Name</b> KB's Auto Mobile Detailing 5683 E. NC 150 Denver, NC 28037	<b>Property Owner:</b> Willene & Sharon Little PO Box 117 Denver, NC 28037
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This automotive detailing business (former automotive repair garage) is located on the southeast side of East NC 150 and 350 feet northeast of the South NC 16 Business intersection. This property does not appear on the UST Section Registry. One (1) in-ground hydraulic lift is located in the building. There are no known ground water incidents associated with this property. **This site is anticipated to present low geoenvironmental impacts to the project.**

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- 6) **Property Name**  
The General Store of Denver, Inc.  
6360 E NC 150  
Sherrills Ford, NC 27705
- Facility ID #:** 0-002395  
**Incident #:** 18450
- Property Owner:**  
FCM Properties, LLC  
1262 Bennington Drive NW  
Concord, NC 28027
- UST Owner:**  
The General Store of Denver, Inc.  
c/o Frank Craven  
6360 E. NC 150  
Sherrills Ford, NC 27705



This Citgo gas station, convenience store and farm supply business is located on the east side of East NC 150 and Mt. Pleasant Road intersection. According to the UST Section Registry there are four (4) tanks currently in use. One (1) tank was removed in 1998. Ground Water Incident 18450 was also assigned to this facility in 1998. The site is being actively monitored. **This site is anticipated to present low geoenvironmental impacts to the project.**



7) **Property Name**  
Vacant Lot  
6766 E NC 150  
Sherrills Ford, NC 28673

**Facility ID #:** 0-007902

**Property Owner:**  
Rhonda Putnam  
1701 Auten Road  
Gastonia, NC 28054

**UST Owner:**  
J.T. Alexander & Son, Inc.  
PO Box 88  
 Mooresville, NC 28115



This former gas station site (Lake Side Texaco) is located on the north side of East NC 150 and across from the Power Drive intersection. According to the UST Section Registry three (3) tanks were removed in 1988. The building was demolished in 2009-10. There are no known ground water incidents associated with this property. **This site is anticipated to present low geoenvironmental impacts to the project.**

8) **Property Name**  
Denver Equipment Co.  
6778 E NC 150  
Sherrills Ford, NC 28673

**Property Owner:**  
Denver Realty Acquisition Co.  
6778 E NC 150  
Sherrills Ford, NC 28673



This restaurant supply business is located on the northeast quadrant of East NC 150 and Shade Tree Lane intersection. A gas station may have previously operated at this location. This property does not appear on the UST Section Registry. There are no known ground water incidents associated with this property. **This site is anticipated to present low geoenvironmental impacts to the project.**



- 9) **Property Name**  
Former Don's Place  
7566 E NC 150  
Sherrills Ford, NC 28673
- Property Owner:**  
JIBS, Inc.  
7333 Gabriel Street  
Sherrills Ford, NC 28673
- Facility ID #:** 0-007636
- UST Owner:**  
Don R. Strain  
7566 E NC 150  
Sherrills Ford, NC 28673
- Incident/UST #:** MO-797



This closed automotive repair shop (formerly Don's Place gas station) is located on the northwest quadrant of East NC 150 and Slanting Bridge Road intersection. According to the UST Section Registry the four (4) registered tanks were removed in 1991. Ground Water Incident/UST # MO-797 was assigned to this facility in 1991. The incident was closed the same year. **This site is anticipated to present low geoenvironmental impacts to the project.** AKA: Allen Service Center & Lake Side Tire & Auto.

10) **Property Name**  
Closed Business  
7914 E NC 150  
Terrell, NC 28682

**Property Owner:**  
Jean Huffman Connor  
1306 3<sup>rd</sup> St Drive SE  
Conover, NC 28613



This closed business (Yeole Cotton Gin Museum) possibly operated at one time as a gas station. It is located on the north side of East NC 150 and 575 feet west of the Sherrills Ford Road intersection. This property does not appear on the UST Section Registry. No known ground water incidents are associated with this property. **This site is anticipated to present low geoenvironmental impacts to the project.**



- 11) **Property Name**  
Terrell County Store  
9247 Sherrills Ford Road  
Terrell, NC 28682
- Facility ID #:** N/A
- Property Owner:**  
Jean Huffman Connor  
1306 3<sup>rd</sup> St Drive SE  
Conover, NC 28613
- UST Owner:**  
Jean Huffman Connor  
1306 3<sup>rd</sup> St Drive SE  
Conover, NC 28613



This general store is located on the west quadrant of East NC 150 and Sherrills Ford Road intersection. This business once operated as a gas station as evidenced by the vent pipe located near the east corner of the building. This property does not appear on the UST Section Registry. There are no known ground water incidents associated with this property. **This site is anticipated to present low geoenvironmental impacts to the project.**

- 12) **Property Name**  
U.S. Post Office  
7985 E NC 150  
Terrell, NC 28682
- Facility ID #:** 0-014327  
**Incident #:** 15677
- Property Owner:**  
Carroll & Shelia Lineberger  
PO Box 385  
Terrell, NC 28682
- UST Owner:**  
ACME Petroleum & Fuel Co.  
543 Cox Road  
Gastonia, NC 228054



The Terrell Post Office (formerly Terrell Shell gas station) is located on the east quadrant of East NC 150 and Sherrills Ford Road intersection. According to the UST Section Registry the four (4) registered tanks were removed in 1995. Ground Water Incident 15677 was assigned to this facility in 1995. There is an active remediation system with numerous recovery wells on site. **This site is anticipated to present low geoenvironmental impacts to the project.**



13) **Property Name**  
Former Terrell Bait Shop-L570  
7970 E NC 150  
Terrell, NC 28682

**Facility ID #:** 0-021875

**Property Owner:**  
Margaret Connor Garrison  
PO Box 605  
Claremont, NC 28610-0605

**UST Owner:**  
United Oil of the Carolinas  
2758 East Ozark Ave  
Gastonia, NC 28054



This closed gas station (Gran Pix) is located on the north quadrant of East NC 150 and Sherrills Ford Road intersection. According to the UST Section Registry four (4) tanks were removed in 1978. There are no known ground water incidents associated with this property. **This site is anticipated to present low geoenvironmental impacts to the project.**



14) **Property Name**  
Closed Business  
8455 E NC 150  
Terrell, NC 28682

**Property Owner:**  
Annie Holdsclaw Heirs  
719 Dogwood Lane  
 Mooresville, NC 28115



This closed business (operates part time as a church) is located on the southeast side of East NC 150 and 0.15 miles southwest of the Greenwood Road intersection. A gas station may have previously operated at this location. This property does not appear on the UST Section Registry. There are no known ground water incidents associated with this property. **This site is anticipated to present low geoenvironmental impacts to the project.**



- 15) **Property Name**  
Lake Effects Marina  
8629 E NC 150  
Terrell, NC 28682
- Facility ID #:** 0-007901  
**Incident #:** 20379
- Property Owner:**  
Annie B. Stutts Trust  
8629 E NC 150  
Terrell, NC 28682
- UST Owner:**  
J.T. Alexander & Son, Inc.  
c/o Tom Laws  
PO Box 88  
Mooresville, NC 28115



This business (former Midway Marina gas station) is located on the southeast side of East NC 150 and one-half mile northeast of the Greenwood Road intersection. According to the UST Section Registry three (3) tanks were removed in 1994 and five (5) tanks were removed in 1999. Ground Water Incident 20379 was assigned to this facility in 1999. There are monitoring wells on site. **This site is anticipated to present low geoenvironmental impacts to the project.**

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16)	<b>Property Name</b> Former Pier Marina & Campground 1479 NC 150 (River Hwy) Mooresville, NC 28117	<b>Property Owner:</b> Promenade on the Lake, LLC 7215 Lebanon Rd STE-G Charlotte, NC 28227	<b>IREDELL COUNTY</b>
	<b>Facility ID #:</b> N/A	<b>UST Owner:</b> Crescent Resources, Inc. 400 S. Tryon St, STE 1300 Charlotte, NC 28201	
	<b>Incident #:</b> 14975		



The parcel segment of concern is located on the southwest quadrant of NC 150 (River Hwy) and Big Dukes Lane intersection. A gas station and convenience store formerly operated at this location. This property does not appear on the UST Section Registry and the number of registered tanks is unknown. Ground Water Incident 14975 was assigned to this facility in 1990. Contaminated soil was noted on the database and again in 1995. No monitoring wells were observed on site. **This site is anticipated to present low geoenvironmental impacts to the project.**

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17)	<b>Property Name</b> HydroHoist of the Carolinas 1258 NC 150 (River Hwy) Mooreville, NC 28117	<b>Property Owner:</b> James & Kathy Kath 8116 Long Island Road Catawba, NC 28609
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This business is located on the north side of NC 150 (River Highway) and across from the Quite Cove Road intersection. A gas station may have previously operated at this location. This property does not appear on the UST Section Registry. There are no known ground water incidents associated with this property. **This site is anticipated to present low geoenvironmental impacts to the project.**

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18) **Property Name**  
Home Run Markets 3  
1228 NC 150 (River Hwy)  
Mooresville, NC 28117

**Facility ID #:** 0-021566

**Property Owner:**  
Home Run Market Properties, LLC  
4220 Neal Rd #415  
Mooresville, NC 28115

**UST Owner:**  
Home Run Market Properties, LL.  
PO Box 88  
Mooresville, NC 28115-0088



This Shell gas station and convenience store is located on the north side of NC 150 (River Highway) and 0.1 mile west of the Boaters Drive intersection. According to the UST Section Registry there are five (5) tanks currently in use. There are no known ground water incidents associated with this property. **This site is anticipated to present low geoenvironmental impacts to the project.**



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- 19) **Property Name**  
Lake Norman BP  
1208 NC 150 (River Hwy)  
 Mooresville, NC 28117
- Facility ID #:** 0-035931
- Property Owner:**  
Jai Giriraj, Inc.  
3705 Halcyon Drive  
Huntersville, NC 28078
- UST Owner:**  
Jai Giriraj, Inc.  
1208 NC 150  
 Mooresville, NC 28117



This BP gas station convenience store is located on the north side of NC 150 (River Highway) and 0.1 miles west of the Boaters Drive intersection. According to the UST Section Registry there are four (4) tanks currently in use. There are no known ground water incidents associated with this property. **This site is anticipated to present low geoenvironmental impacts to the project.**

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20)	<b>Property Name</b> Garden Shed & More 842 NC 150 (River Hwy) Mooresville, NC 28117	<b>Property Owner:</b> Frances L. Nantz c/o Robert D. Nantz 842 NC 150 (River Hwy) Mooresville, NC 28117
	<b>Facility ID #:</b> N/A	<b>UST Owner:</b> Frances L. Nantz c/o Robert D. Nantz 951 Mt. Ulla Hwy Mooresville, NC 28117
	<b>Incident #:</b> 21301	



This garden center (former gas station) is located on the northeast quadrant of NC 150 (River Highway) and White Oak Drive intersection. This property does not appear on the UST Section Registry. Ground Water Incident 21301 was assigned to this facility and four (4) tanks were removed in 2000. Petroleum contaminated soil was found, but below State Action levels. The incident was closed out the same year. **This site is anticipated to present low geoenvironmental impacts to the project.**

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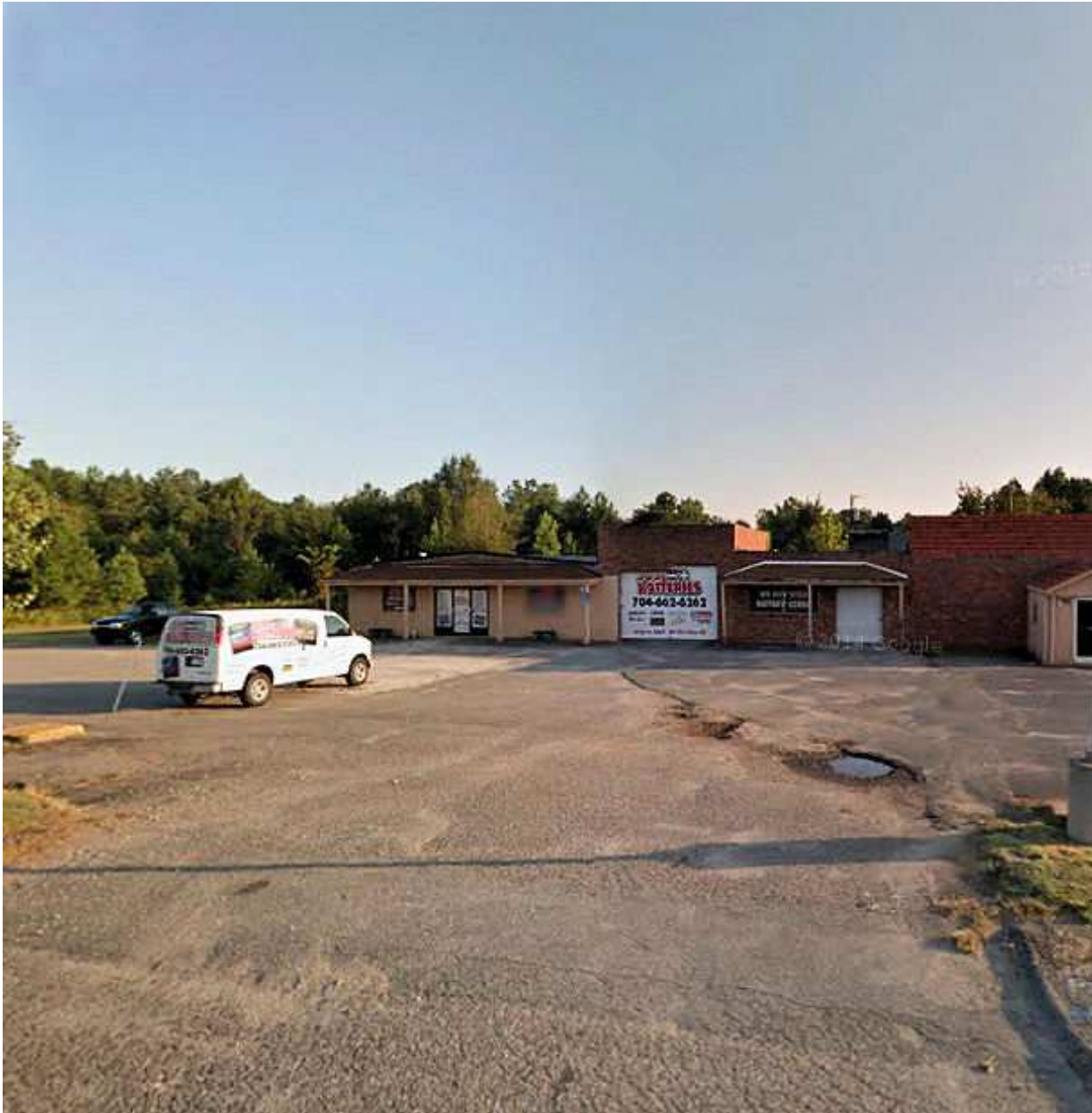


21) **Property Name**  
Just Batteries, Inc.  
800 NC 150 (River Hwy)  
Mooresville, NC 28117

**Facility ID #:** 0-034993  
**Incident #:** 19218

**Property Owner:**  
HGST Group, LLC.  
c/o Daniel Sugarman  
800 NC 150 (River Hwy)  
Mooresville, NC 28117

**UST Owner:**  
Norman's House Demolishing, Co.  
3726 Aster Drive  
Charlotte, NC 28227



This business is located on the north side of NC 150 (River Highway) and 0.1 miles west of the Antiquity Lane intersection. According to the UST Section Registry six (6) tanks were removed in 1998. Ground Water Incident 19218 was assigned to this facility as contaminated soil was found during the tank removals. The contamination was below State Action levels and the incident was closed out the same year. **This site is anticipated to present low geoenvironmental impacts to the project.**

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- 22) **Property Name**  
Quik Trip 1009  
680 NC 150 (River Hwy)  
 Mooresville, NC 28117  
**Facility ID #:** 0-037806
- Property Owner:**  
Titan 1009 NC, LLC  
PO Box 3475  
Tulsa, OK 74101
- UST Owner:**  
Quiktrip Corporation  
4705 S 129<sup>th</sup> Ave  
Tulsa, OK 74134-7005



This gas station and convenience store is located on the northwest quadrant of NC 150 (River Highway) and Ervin Road intersection. According to the UST Section Registry there are three (3) tanks currently in use. This is a new facility built on a vacant lot, and there are no ground water incidents associated with this property. **This site is anticipated to present low geoenvironmental impacts to the project.**

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23) **Property Name**  
WilcoHess 360  
571 NC 150 (River Hwy)  
Mooresville, NC 28117

**Facility ID #:** 0-036305

**Property Owner:**  
WilcoHess, LLC  
5446 University Parkway  
Winston Salem, NC 27105

**UST Owner:**  
WilcoHess, LLC  
5446 University Parkway  
Winston Salem, NC 27105



This Hess gas station and convenience store is located on the south side of NC 150 (River Highway) and 0.1 miles west of the Williamson Road intersection. According to the UST Section Registry there are four (4) tanks currently in use. There are no known ground water incidents associated with this property. **This site is anticipated to present low geoenvironmental impacts to the project.**

24) **Property Name**  
Circle K 1517  
558 NC 150 (River Hwy)  
Mooresville, NC 28117

**Facility ID #:** 0-036164

**Property Owner:**  
RSD Food Market Real Estate  
PO Box 3756  
Mooresville, NC 28117

**UST Owner:**  
Circle K Stores, Inc.  
2440 White Hall Park Drive STE 800  
Charlotte, NC 28273



This Circle K gas station and convenience store is located on the northwest quadrant of NC 150 (River Highway) and Bluefield Road intersection. According to the UST Section Registry there are four (4) tanks currently in use. There are no known ground water incidents associated with this property. **This site is anticipated to present low geoenvironmental impacts to the project.**



25) **Property Name**  
Xpress Stop #2  
491 NC 150 (River Hwy)  
 Mooresville, NC 28117

**Facility ID #:** 0-032606

**Property Owner:**  
MPG Mooresville, LLC  
c/o Corporate Property Group  
Melbourne, FL 32940

**UST Owner:**  
Xpress Stop, Inc.  
5309 Monroe Road #F  
Charlotte, NC 28205



This Valero gas station and convenience store is located on the south side of NC 150 (River Highway) and 0.1 miles west of the Rolling Hills Road intersection. According to the UST Section Registry there are four (4) tanks currently in use. There are no known ground water incidents associated with this property. **This site is anticipated to present low geoenvironmental impacts to the project.**

26) **Property Name**  
Shell (I-77 Texaco)  
468 NC 150 (River Hwy)  
 Mooresville, NC 28117

**Facility ID #:** 0-010706

**Incident #:** 21541

**Property Owner:**  
John & Joanne Alexander  
PO Box 1104  
Statesville, NC 28687

**UST Owner:**  
J.T. Alexander & Son, Inc.  
PO Box 88  
 Mooresville, NC 28115



This Shell gas station is located on the south side of NC 150 (River Highway) and 0.1 miles west of the Rolling Hills Road intersection. According to the UST Section Registry there are four (4) tanks currently in use. Four (4) tanks were removed in 2000. Ground Water Incident 21541 was assigned to this facility as contaminated soil was found during the tank removals. The incident was closed out the same year. **This site is anticipated to present low geoenvironmental impacts to the project.**



27) **Property Name**  
Port City Exxon  
388 NC 150 (West Plaza Drive)  
Mooresville, NC 28117

**Property Owner:**  
John R. Graham, et. al.  
PO Box 28  
Mooresville, NC 28117

**Facility ID #:** 0-032870  
**Incident/UST #:** MO-1864

**UST Owner:**  
Port City Exxon  
Attn: C. Graham  
388 West Plaza Drive  
Mooresville, NC 28117



This Exxon gas station and convenience store is located in the northwest quadrant of NC 150 (West Plaza Drive) and Straightaway Drive intersection. According to the UST Section registry there are three (3) tanks currently in use. Ground Water Incident/UST #1864 was assigned to this facility (under 0-017519) during a waste oil tank removal in 1999. The incident was closed out the same year. **This site is anticipated to present low geoenvironmental impacts to the project.**

- 28) **Property Name**  
Quality Mart 19  
391 NC 150 (West Plaza Drive)  
Mooresville, NC 28117  
**Facility ID #:** 0-010641
- Property Owner:**  
Quality Oil Co, LLC  
PO Box 2736  
Winston Salem, NC 27102
- UST Owner:**  
Quality Oil Co, LLC  
PO Box 2736  
1540 Silas Creek Dr.  
Winston Salem, NC 27102



This Shell gas station and convenience store is located in the southwest quadrant of NC 150 (West Plaza Drive) and Consumer Square Drive intersection. According to the UST Section registry there are three (3) tanks currently in use. One (1) tank was removed in 1988 and three (3) USTs were removed from the property in 1990. There are no known ground water incidents associated with this property. **This site is anticipated to present low geoenvironmental impacts to the project.**



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- 29) **Property Name**  
Circle K  
255 NC 150 (West Plaza Drive)  
 Mooresville, NC 28117  
**Facility ID #:** 0-036073
- Property Owner:**  
Circle K Stores, Inc.  
2440 White Hall Park Drive STE 800  
Charlotte, NC 28273
- UST Owner:**  
Circle K Stores, Inc.  
2440 White Hall Park Drive STE 800  
Charlotte, NC 28273



This Circle K gas station and convenience store is located in the southwest quadrant of NC 150 (West Plaza Drive) and Talbert Road intersection. According to the UST Section Registry there are four (4) tanks currently in use. There are no known ground water incidents associated with this property. **This site is anticipated to present low geoenvironmental impacts to the project.**

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30) **Property Name**  
Quik Trip 1008  
161 NC 150 (West Plaza Drive)  
 Mooresville, NC 28117

**Facility ID #:** 0-037309

**Property Owner:**  
Azevedo Family Revoc Trust  
400 Hot Springs Road  
Santa Barbara, CA 93108

**UST Owner:**  
Quiktrip Corporation  
4705 S 129<sup>th</sup> Ave  
Tulsa, OK 74134-7005



This gas station and convenience store is located in the southwest quadrant of NC 150 (West Plaza Drive) and MacLeod Drive intersection. According to the UST Section Registry there are four (4) tanks currently in use. This is a new facility and there are no ground water incidents associated with this property. **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 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 919-707-6870.



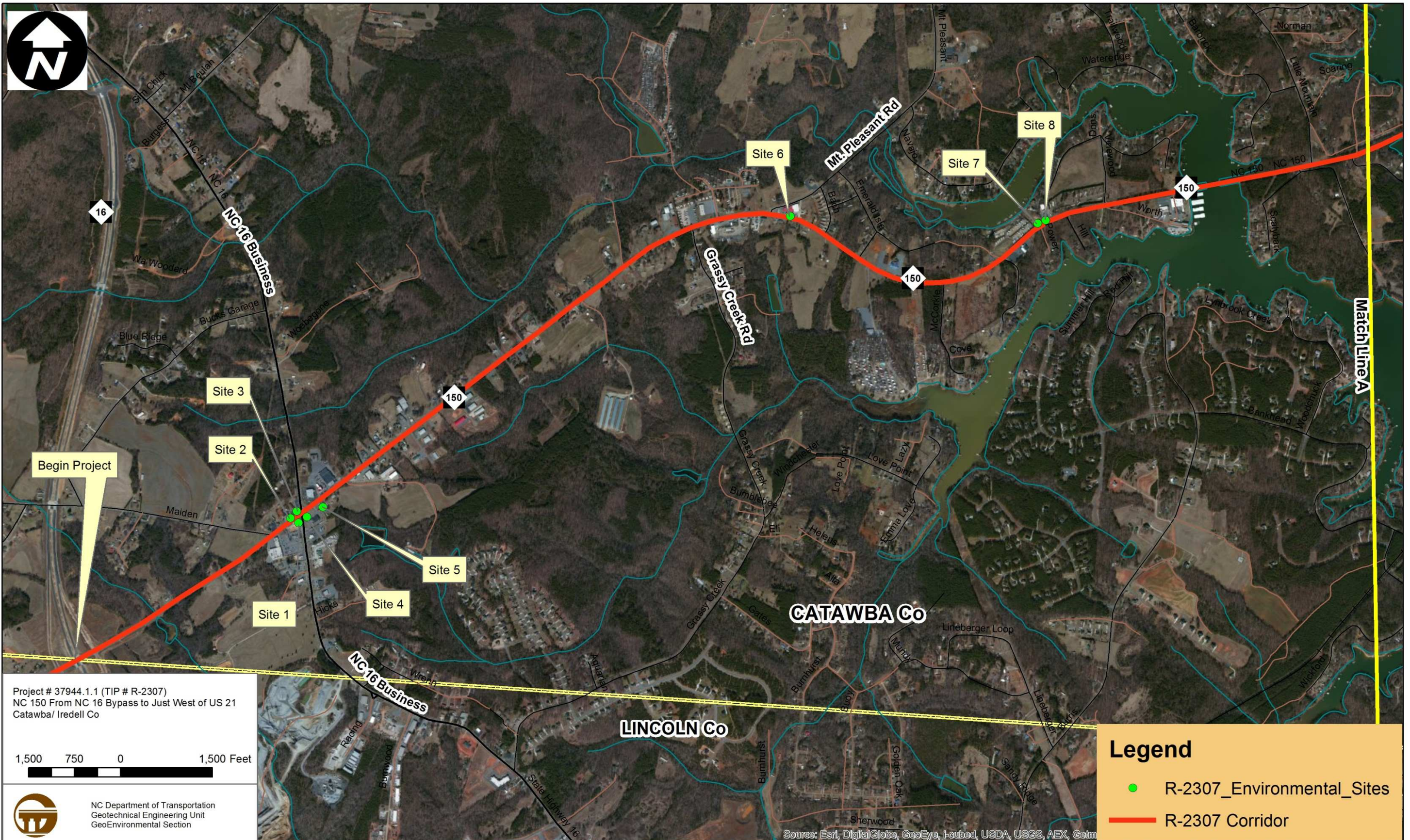
Terry W. Fox, LG  
GeoEnvironmental Project Manager  
GeoEnvironmental Section  
Geotechnical Engineering Unit

cc:

John Pilipchuk, LG, PE, State Geotechnical Engineer  
David Chang, Ph.D, PE, State Hydraulics Engineer  
Charles Brown, PE, PLS, State Locations and Surveys Engineer  
Tom Koch, PE, Assistant State Structures Engineer  
Glenn Mumford, PE, State Roadway Design Engineer  
Brian Skeens, PE, Area Roadway Construction Engineer  
Larry Carpenter, PE, Area Bridge Construction Engineer  
David Angel, Division 12 Right of Way Agent  
Eric Williams, PE, Geotechnical Regional Manager  
Clint Little, LG, Regional Geological Engineer  
Dennis Li, Ph. D, LG, Production Support Supervisor  
Terry Niles, ROW Unit, Property Management, Real Property Coordinator  
Row-notify@ncdot.gov  
File

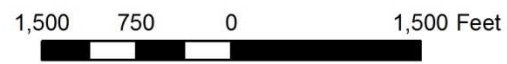


Map 1 of 3  
 Appendix A  
 Location of USTs, Landfills, & Other Potentially Contaminated Sites



Begin Project

Project # 37944.1.1 (TIP # R-2307)  
 NC 150 From NC 16 Bypass to Just West of US 21  
 Catawba/ Iredell Co



NC Department of Transportation  
 Geotechnical Engineering Unit  
 GeoEnvironmental Section

**Legend**

- R-2307\_Environmental\_Sites
- R-2307 Corridor

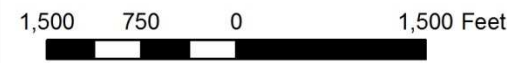
Source: Esri, DigitalGlobe, GeoEye, Irbid, USDA, USGS, AEX, Catm



Map 2 of 3  
Appendix A  
Location of USTs, Landfills, & Other Potentially Contaminated Sites



Project # 37944.1.1 (TIP # R-2307)  
NC 150 From NC 16 Bypass to Just West of US 21  
Catawba/ Iredell Co



NC Department of Transportation  
Geotechnical Engineering Unit  
GeoEnvironmental Section

**Legend**

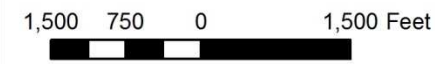
- R-2307\_Environmental\_Sites
- R-2307 Corridor

Source: Esri, DigitalGlobe, GeoEye, I-cubed, USDA, USGS, AEX, Geom





Project # 37944.1.1 (TIP # R-2307)  
NC 150 From NC 16 Bypass to Just West of US 21  
Catawba/ Iredell Co



NC Department of Transportation  
Geotechnical Engineering Unit  
GeoEnvironmental Section

**Legend**

- R-2307\_Environmental\_Sites
- R-2307 Corridor

Source: Esri, DigitalGlobe, GeoEye, Earthstar, USDA, USGS, AEX, Getm