

# **GeoEnvironmental Impact Evaluation**

Project 34927.1.1 (TIP # U-3331)  
Rocky Mount – SR 1616 (Country Club Drive) from US 64 to SR 1541 (Jeffreys Road)  
Nash County

## **Purpose**

This report presents the results of a geoenvironmental impact 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. Geoenvironmental 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 Used**

The Geographical Information System (GIS) was consulted to identify known environmentally impacting sites in relation to the project corridor. GeoEnvironmental Section personnel conducted a field reconnaissance survey along the project corridor on May 17, 2007.

## **Findings**

### **Underground Storage Tank (UST) Facilities**

Based on our study, one (1) site presently containing petroleum underground storage tanks, (UST's) was identified within the project limits. One (1) additional site was noted that previously had petroleum underground storage tanks (UST's).

### **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**

No other geoenvironmental concerns were identified within the project limits.

**Anticipated Impacts**

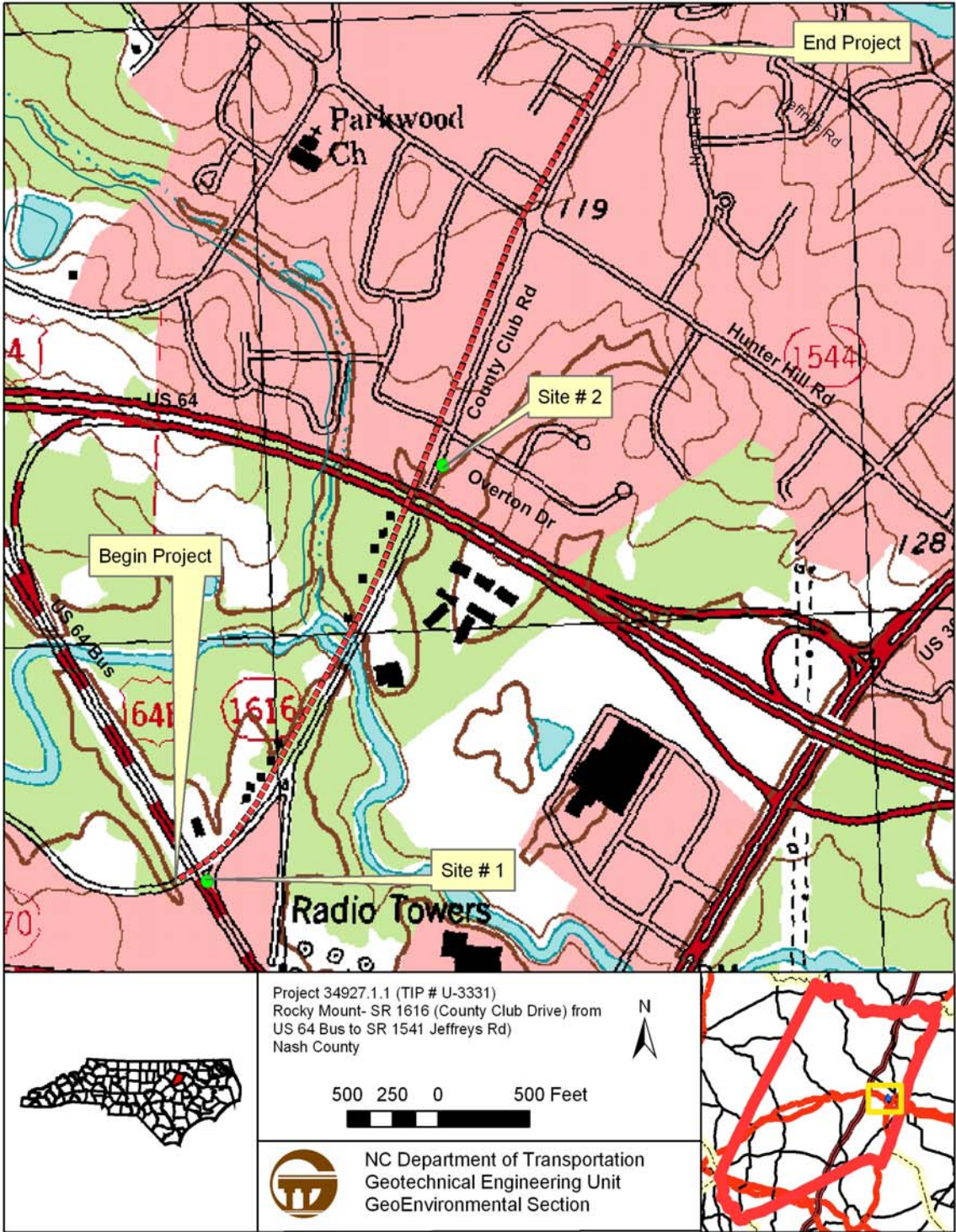
Two (2) possible UST facilities were identified within the proposed project corridor. We anticipate low monetary and scheduling impacts resulting from these sites.

The GeoEnvironmental Section observed no additional contaminated properties during the field reconnaissance and regulatory agencies' records search. The GeoEnvironmental Section will provide soil and groundwater 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 GeoEnvironmental Section should be notified immediately after discovery of such sites so their potential impact(s) may be assessed.

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GeoEnvironmental Project Manager

Locations of USTs, Landfills, & Other Potentially Contaminated Sites



## Known and Potential GeoEnvironmental Impact Sites

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1)	<b>Property Name:</b> Fuel Doc 9 115 Country Club Drive Rocky Mount, NC 27804  <b>Facility ID #:</b> 0-020494 <b>Incident #:</b> 20696	<b>Property Owner:</b> Daughtridge Oil Co. PO Box 593 Rocky Mount, NC 27802-0593  <b>UST Owner:</b> Daughtridge Oil Co. PO Box 593 Rocky Mount, NC 27802-0593
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This active Citgo gas station is located 300 feet northeast of the County Club Drive and US 64 Byp intersection. There are four (4) registered USTs currently in use at the site. The USTs are behind the store and 118 feet from the SR 1616 (Country Club Drive) median. The pump island is set back 55 feet. At least 16 monitoring wells were noted at the property. Two (2) monitoring wells are situated within the right of way at 35 feet from the SR 1616 centerline. A groundwater contamination incident was first reported in October 1999 and is noted on the NCDENR database. There is no other evidence of USTs or UST removal. **This site will have a low to moderate impact to this project.**

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2)	<b>Property Name:</b> Stoney Creek Fire Department 97 Country Club Drive Rocky Mount, NC 27804  <b>Facility ID #:</b> 0-020735	<b>Property Owner:</b> City of Rocky Mount 331 S. Franklin Street Rocky Mount, NC 27804  <b>UST Owner:</b> Stoney Creek Fire Department 97 Country Club Drive Rocky Mount, NC 27804
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This fire station is located on the southeast corner of SR 1616 and Overton Road. The original tank pit is set back 160 feet from the SR 1616 (Country Club Drive) median. According to fire officials two USTs were removed in 1989 and is confirmed on the UST Section database. There is no contamination incident associated with this property. A single monitoring well with stand up is located at the center of the former tank pit. There is no other evidence of USTs, vents, or UST removal. **This site will have a low impact to this project.**

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APPENDIX A

Site Photographs  
May 18, 2007



Site 1: Fuel Doc 9. View to the northeast.

Site 1: Fuel Doc 9 showing tank pit. View to the West.



Site 2: Stoney Creek Fire Department. View to the West.