



PAT McCRORY  
*Governor*

NICHOLAS J. TENNYSON  
*Secretary*

October 6, 2016

MEMORANDUM TO: Ben Upshaw, PE  
Division 5 Design Engineer

FROM: Dennis G Li, Ph. D., L.G.  
GeoEnvironmental Project Manager  
GeoEnvironmental Section  
Geotechnical Engineering Unit

DocuSigned by:  
*Dennis Li*  
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10/6/2016

TIP NO: R-5707  
WBS: 46374.1.1  
COUNTY: Granville  
DIVISION: 5  
DESCRIPTION: NC 56 - AT US 15 AND NC 50 IN CREEDMOOR REALIGN INTERSECTIONS

SUBJECT: **GeoEnvironmental Planning Report**

The GeoEnvironmental Section of the Geotechnical Engineering Unit performed a Phase I field investigation on August 31, 2016 for the above referenced project to identify geoenvironmental sites of concern. The purpose of this report is to document sites of concern within the project study area that are or may be contaminated. These sites of concern should be included in the environmental planning document in an effort to assist the project stakeholders in reducing or avoiding impacts to these sites. Sites of concern may include, but are not limited to, underground storage tank (UST) sites, dry cleaning facilities, hazardous waste sites, regulated landfills and unregulated dumpsites.

### **Findings**

Four (4) sites of concern were identified within the proposed study area. We anticipate low monetary and scheduling impacts resulting from these sites. See the following table and figure for details.

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 919-707-6857.



cc:

John Pilipchuk, LG, PE, State Geotechnical Engineer

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Tom Koch, PE, State Structures Engineer

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File

### Sites of Concern

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- 1) **Property Name:** TJ's Fish & Chicken (Former Steven's Gro. & Grill) 609 N Durham Ave. Creedmoor, NC 27522  
**Property Owner:** GOOCH VELMA, PO Box 597 Creedmoor, NC 27522  
**Facility ID #:** 0-033498  
**Incident #:** GWI# 26638  
**UST Owner:** Dwight Jones  
1300 Oakwood Ave,  
Raleigh, NC 27610



The property is presently operated as a restaurant. Former Steven's Grocery and Grill was operated on the property with UST system on site. The USTs were reportedly closed out in 1998 and replaced with three ASTs in the back of the property. The ASTs were removed in 2015 based on historic photo review. There are no monitoring wells observed to be presented on site. **This site is anticipated to present low geoenvironmental impacts to the project.**

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2) **Property Name:** Lucky Den 4 (Former EXXON DEPOT)  
705 N Durham Ave.  
Creedmoor, NC 27522

**Property Owner:** Adlai S Woodlief  
1690 HWY 96.  
FRANKLINTON, NC 27525

**Facility ID #:** 0-110577  
**Incident #:** GWI# 26540

**UST Owner:** ABERCROMBIE OIL CO.  
2930 W. MAIN ST. PO BOX 1422, Danville, VA 24541



The property is currently operated as a gas station, a restaurant and a car wash facility. Based on the historic photo review, this facility is converted to the current usage in 1998 from a farm or residential house. There are no evidence of USTs ever installed on site, three ASTs are currently in use for the store. There are no monitoring wells observed to be presented on site. **This site is anticipated to present low geoenvironmental impacts to the project.**

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3) **Property Name:**  
Champ Tire Center (Former Red Front  
Grocery)  
602 N. N Durham Ave.  
Creedmoor, NC 27522  
**Facility ID #:** 0-033734  
**Incident #:** GW# 26638

**Property Owner:**  
Cool Ridge Development LLC  
602 N Durham Ave.,  
Creedmoor, NC 27522

**UST Owner:** Mark Ellington  
5188 Old North 73,  
Oxford, NC 27565



The property is currently operated as multiple business units. This site is converted to the current usage in 2013 from a gas station (Former Red Front Grocery Store). There are no evidence of USTs or monitoring wells observed to be presented on site. **This site is anticipated to present low geoenvironmental impacts to the project.**

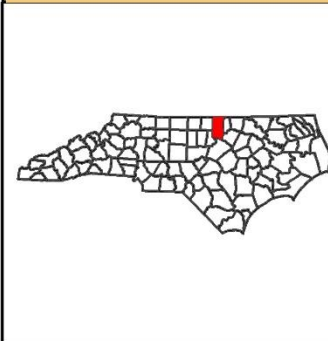
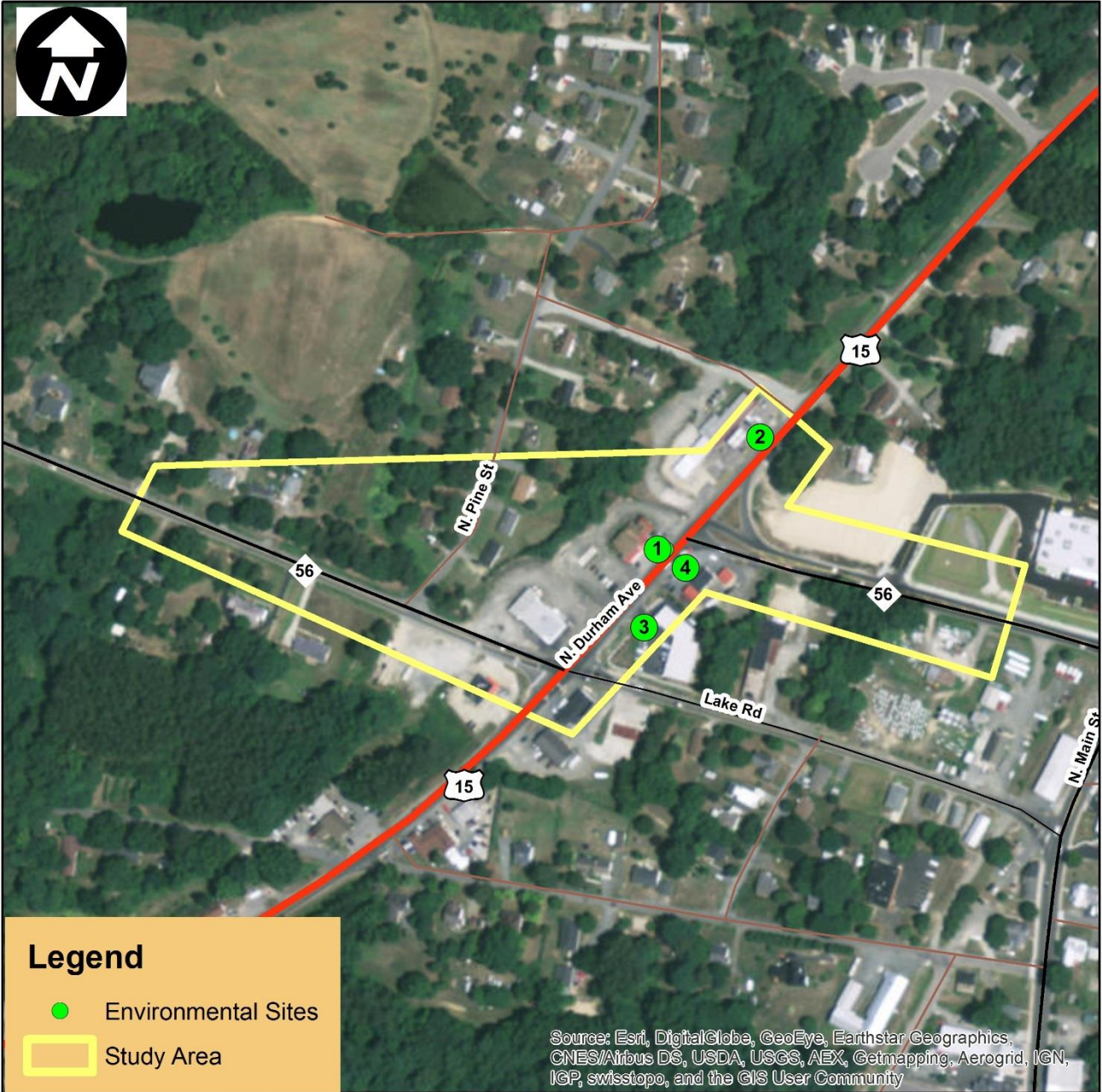
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- 4) **Property Name:**  
Auto Boutique  
604 N. N Durham Ave.  
Creedmoor, NC 27522
- Property Owner:**  
GOOCH VELMA,  
PO Box 597  
Creedmoor, NC 27522
- Facility ID #: N/A**  
**Incident #: N/A**
- UST Owner:**  
N/A



The property is currently operated as Auto repair business. Based on the historic photo review, this site maybe a former gas station. There are no evidence of USTs or monitoring wells observed to be presented on site. There is one in ground hydraulic lift inside the service bay. **This site is anticipated to present low geoenvironmental impacts to the project.**


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**Appendix A**  
**Location of GeoEnvironmental Sites of Concern**



Project 46374.1.1 (TIP # R-5707)  
NC 56 at US 15 and NC 50 in Creedmoor  
Realign Intersections  
Granville County

500 250 0 500 Feet

 NC Department of Transportation  
Geotechnical Engineering Unit  
GeoEnvironmental Section

