



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J. ERIC BOYETTE
SECRETARY

June 10, 2022

MEMORANDUM TO: Lisa B Gilchrist, EI
Bridge Program Manager
NCDOT – Division 5

FROM: Ashley B Cox, Jr, LG
GeoEnvironmental Project Manager
GeoEnvironmental Section
Geotechnical Engineering Unit

TIP NO: B-4654
WBS: 38454.1.2
COUNTY: WAKE
DIVISION 5
DESCRIPTION: Replace Bridge 69 over US 70 on NC 50 (Benson Road)

SUBJECT: **GeoEnvironmental Phase I Report**

DocuSigned by:

Ashley B Cox, Jr

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The GeoEnvironmental Section of the Geotechnical Engineering Unit performed a Phase I field investigation on June 10, 2022 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

Two (2) 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.

Sites of concern identified in this report should be reviewed by the GeoEnvironmental Section once the Final Right of Way plans are complete to determine if Phase II Investigations and Right of Way Recommendations are necessary prior to right of way being acquired.

If there are questions regarding the geoenvironmental issues, please contact me, at (919) 707-6872.

cc:

John Pilipchuk, LG, PE, State Geotechnical Engineer

Brian Hanks, PE, State Structures Engineer

Brent Hall, Locations and Surveys

Byron Sanders, Jr, PE, State Utilities Manager

Mark Craig, PE, Division Construction Engineer

Brian C Rogers, Division Right of Way Agent

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Chris Murray, SPWS – Planning & Environmental Project Engineer

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(01) Property Name:

Hudson's Hardware
303 Benson Road
Garner, NC 27529

Property Owner:

L & H Rentals LLC
1403 Spring Drive
Garner, NC 27529

Facility ID: N/A

Incident Type/Number: N/A



Anticipated Impacts: Low

Based on the architecture of the original Hudson's Hardware store, it resembles an old service station. The business has since expanded into the structure pictured. There are no underground storage tanks registered to this address, nor are there any documented releases associated with the parcel. No monitoring wells nor evidence of underground storage tanks were observed during site reconnaissance.

(02) Property Name:

Han-Dee Hugo's 40
401 Benson Road
Garner, NC 27529

Property Owner:

Sampson Bladen Oil Co Inc
PO Box 469
Clinton, NC 28329

Facility ID: 00-0-0000003969

UST Owner:

Sampson Bladen Oil Co Inc.
PO Box 469
Clinton, NC 28329

Incident Type/Number: 39359



Anticipated Impacts: Low

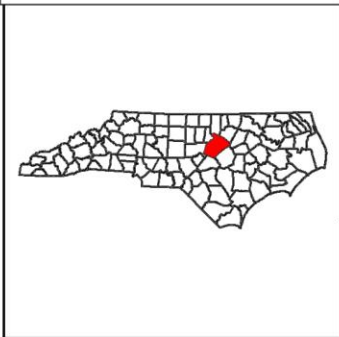
This active gas station has an underground storage tank incident associated with it. The groundwater is currently being monitored and there is a remediation system operating on-site. There are six (6) registered underground storage tanks for this location. There is an extensive network of monitoring wells located on this site and adjacent parcels. Four (4) of the monitoring wells on-site have measurable amounts of free product.

Figure
Location of GeoEnvironmental Sites of Concern



Legend

- B-4654 Study Area
- ★ Bridge 069
- GeoEnvironmental Sites of Concern



Project 38454.1.2 (TIP # B-4654)
 Bridge # 69 over US 70 on NC 50
 Wake County

400 200 0 400 Feet

NC Department of Transportation
 Geotechnical Engineering Unit
 GeoEnvironmental Section

