



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

January 11, 2019

MEMORANDUM TO: Greg S. Davis, PE
Division 8 Project Engineer

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

DocuSigned by:
Dennis Li
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1/11/2019

TIP NO: I-5979
WBS: 46963.1.1
COUNTY: RICHMOND
DIVISION 8
DESCRIPTION: Interchange improvements-US 74 at US 1 (Exit 311) in Rockingham, Richmond County

SUBJECT: **GeoEnvironmental Phase I Report**

The GeoEnvironmental Section of the Geotechnical Engineering Unit performed a Phase I field investigation on January 8, 2019 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

Three (3) 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

Stephen R. Morgan, PE, State Hydraulics Engineer

Brian Hanks, PE, State Structures Engineer

Dale Burton, PE, PLS, State Locations and Surveys Engineer

Carl Barclay, PE, State Utilities Manager

Brandon H. Jones, PE, Division Engineer (for Division 8 Construction)

Pages, Luis E., Division 8&10 Area Negotiator

Eric Williams, PE, Geotechnical Regional Manager

Kevin Miller, L.G., Regional Geological Engineer

Tracy M. Clark, ROW Unit, Assistant State Negotiator - East

row-notify@ncdot.gov

roadwaydesign@ncdot.gov

hydraulics_notify@ncdot.gov

(01) Property Name:
P & C Food Mart (Shell)
379 US HWY 1 South
Rockingham, NC 28379

Property Owner:
MELTON HARVEY E & RITA H
215 CLEARFIELD DR
Rockingham, NC 28379

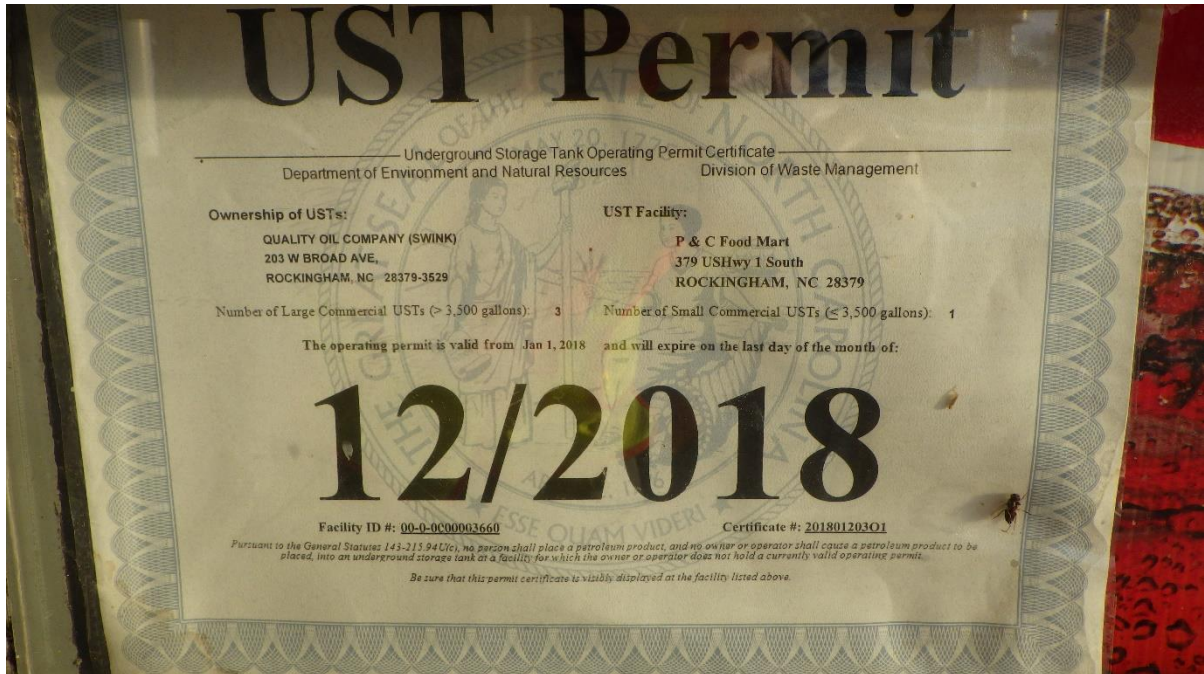
Facility ID: 00-0-0000003660
Incident Type/Number: N/A

UST Owner:
Quality Oil Company (SWINK)
203 W Broad Ave,
Rockingham, NC 28379-3529



Anticipated Impacts: LOW

This is an active gas station and four USTs are permitted on site. No monitoring wells on site and no records in NCDEQ's database.



UST permit



UST area

(02) Property Name:
US 1 BP Shop
432 US HWY 1 South
Rockingham, NC 28379

Property Owner:
Quality Oil Company (SWINK)
203 W Broad Ave,
Rockingham, NC 28379-3529

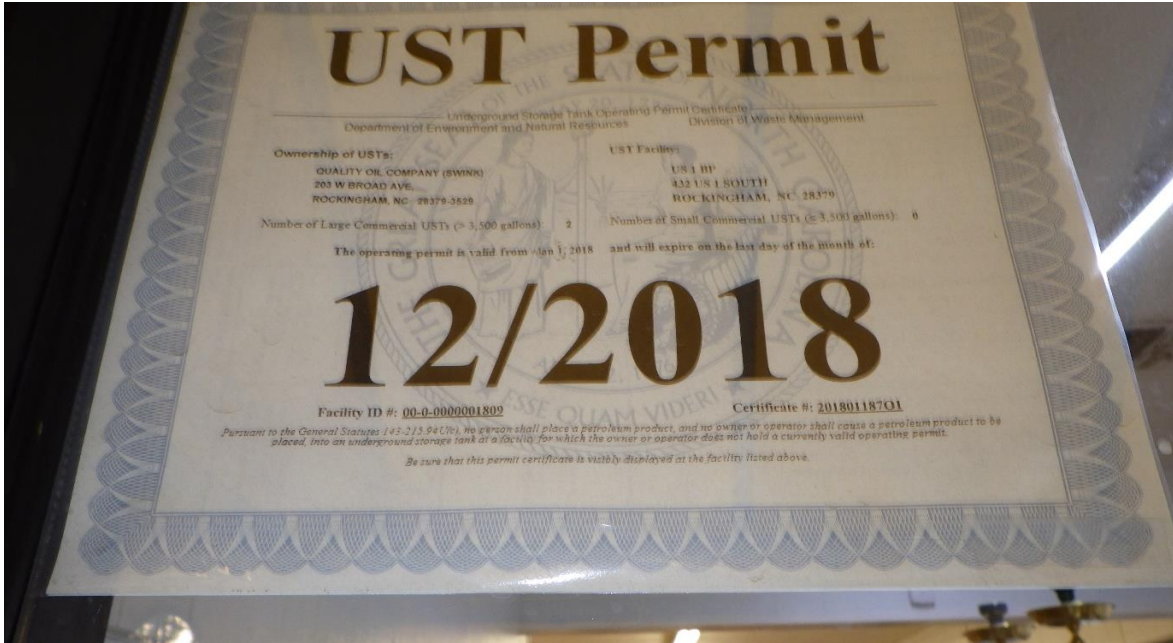
Facility ID: 00-0-0000001809
Incident Type/Number: N/A

UST Owner:
Quality Oil Company (SWINK)
203 W Broad Ave,
Rockingham, NC 28379-3529



Anticipated Impacts: LOW

This is an active gas station. Two USTs are permitted on site and one AST was located at the back. No monitoring wells on site and no records in NCDEQ's database.



UST permit



UST area



AST at the back



Unknow site disturbance-potential underground objects—possible USTs.

(03) Property Name:
Quik Chek 6 (CITGO)
481 US HWY 1 South
Rockingham, NC 28379

Property Owner:
United Fuels Rockingham LLC
220 W Spring Street
Troy, NC 27371

Facility ID: 00-0-0000036847
Incident Type/Number: N/A

UST Owner:
United Fuels Rockingham LLC
220 W Spring Street
Troy, NC 27371



Anticipated Impacts: LOW

This is an active gas station and four USTs are permitted on site. No monitoring wells on site and no records in NCDEQ's database.



UST permit



UST area

Figure 1 Location of GeoEnvironmental Sites of Concern

