



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

April 8, 2019

MEMORANDUM TO: Connie K. James, PE
Project Development Engineer
Division 9 Project Development

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

TIP NO: U-5536
WBS: 44108.1.2
COUNTY: FORSYTH
DIVISION 9
DESCRIPTION: Great Wagon Rd (New Location) from SR 1001 (Shallowford Rd) to SR 1308 (Lewisville-Vienna Rd)

SUBJECT: **GeoEnvironmental Phase I Report**

DocuSigned by:

Ashley B. Cox, Jr, LG

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The GeoEnvironmental Section of the Geotechnical Engineering Unit performed a Phase I field investigation on March 11, 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

Thirteen (13) 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

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

Carl Barclay, PE, State Utilities Manager

Wright Archer, III, PE, Division Construction Engineer

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(01) Property Name:
Craft Cleaners
6814 Shallowford Road
Lewisville, NC 27023

Not Impacted

Property Owner:
Kent Corporation
PO Box 26514
Winston-Salem, NC 27114

Incident Type/Number: 14139
UST Number: 0



Anticipated Impacts: Low

The site currently operates as a Dry Cleaning drop off location in Oaks Shopping Center. No actual dry cleaning takes place at this location. No documented incidents are associated with the business. Formerly operated as the Old Town Drapery Shop. There is an incident (#14139) associated with the overall parcel however no evidence of MWs were observed while on site.

(02) Property Name:
Shallowford Square
6525 Shallowford Road
Lewisville, NC 27023

Parcel 15
Not Investigated

Property Owner:
Town of Lewisville
PO Box 547
Lewisville, NC 27023

Incident Type/Number: 17589
UST Number: 0



Anticipated Impacts: Low

This site is currently a Town Park hosting special community events from concerts and movie viewings to 4th of July celebrations and Halloween Festivals. The construction of the park was assisted by the NCDENR Parks and Recreation Trust Fund. The incident associated with this property was closed out in October 1997.

(03) Property Name:
Still Life Interiors
6477 Shallowford Road
Lewisville, NC 27023

Parcel 17
4 borings

Property Owner:
Lanier Williams Real Estate LLC
6495 Shallowford Road, Unit 200
Lewisville, NC 27023

Facility ID: 0-016446
Incident Type/Number: 13096
UST Number: 0

UST Owner:
Crown Central Petroleum Corp.
One N. Charles St
Baltimore, MD 21203



Anticipated Impacts: Low

Today, this former gas station houses an interior decorating business. Incident 13096 is associated with the parcel, the regulatory database says the incident was closed out January 15, 1999. In the parking lot, four (4) monitoring wells, with 12" manhole covers were observed.

(04) Property Name:
E-Stop Convenience Store
130 Lewisville Clemmons Road
Lewisville, NC 27023

Not Impacted

Property Owner:
CNPL LLC
130 Lewisville Clemmons Road
Lewisville, NC 27023

Facility ID: 00-0-031665
Incident Type/Number: 11308
UST Number: 02

UST Owner:
G&B Oil Co.
410 E. 2nd Street
Winston-Salem, NC 27101



Anticipated Impacts: Low

The site is an active gas station with two (2) underground storage tanks. The parcel does have an associated incident number, 11308 that was closed out in May 1995. No monitoring wells were observed during the site visit.

(05) Property Name:

Lewisville Country Market / Motorcycle Shop
6373 Shallowford Road
Lewisville, NC 27023

Property Owner:

D.D. Stimson, Jr.
6381 Shallowford Road
Lewisville, NC 27023

UST Number: 0

Parcel 31
only investigate
back side of property
6 samples



Anticipated Impacts: Low

This parcel has an old country market selling fresh produce, baked goods, etc. From the architecture, it may have at one time been a gas station. Behind the market, the owner operates what appears to be a motorcycle repair shop, DSR Custom Cycles. No monitoring wells were observed while visiting the site.

Parcel 31 - 6 samples



The exterior of what is believed to be DSR Custom Cycles, there were no readily observable signs posted. It is anticipated that this building will fall within the construction limits of the project.

(06) Property Name:
4 Brothers Food Stores
6351 Shallowford Road
Lewisville, NC 27023

Parcel 34
2 soil samples only in back
of property in proposed
drainage ditch.

Property Owner:
Beroth Oil Co.
P.O. Box 4089
Winston-Salem, NC 27105

Facility ID: 00-0-031173
Incident Type/Number: 19245
UST Number: 03

UST Owner:
Beroth Oil Co.
PO Box 4089
Winston-Salem, NC 27105



Anticipated Impacts: Low

An active gas station is at this location, with three (3) registered underground storage tanks. Incident 19245 is associated with this parcel, back when the gas station operated as Friendly Food Mart #3. Four (4) monitoring wells were observed while conducting the site visit.

(07) Property Name:
Colt's Cooling
6321 Shallowford Road
Lewisville, NC 27023

Parcel 36
3 borings

Property Owner:
Richard D Stimson, Carolyn Shore Trust
7580 Grapevine Road
Lewisville, NC 27023

UST Number: 0



Anticipated Impacts: Low

Currently a heating and cooling business operates out of this building. From the architecture, circle drive and drive-up window, the building may have once operated as a dry-cleaning facility. No monitoring wells were observed during the site visit.

(08) Property Name:
Lewisville Automotive Services
6311 Shallowford Road
Lewisville, NC 27023

No Parcel #
Not Investigated
Not Impacted

Property Owner:
Reich W S Inc T/A Lew Auto Services
P.O. Box 6
Lewisville, NC 27023

UST Number: 0



Anticipated Impacts: Low

Lewisville Automotive Services has been operating at this location for over five (5) decades. There is currently at least one (1) in ground lift and signs of surficial spills. There are no underground storage tanks registered at this property, nor any documented incidents.

Parcel 38 Not Investigated

(09) Property Name:

Masonic Lodge / FARRAGO
(Lewisville Volunteer Fire Department)
6301 Shallowford Road
Lewisville, NC 27023

Property Owner:

West Bend Masonic Lodge 434
P.O. Box 292
Lewisville, NC 27023

Facility ID: 00-0-032484

Incident Type/Number: 14432

UST Number: 0

UST Owner:

Lewisville Fire Department
P.O. Box 73
Lewisville, NC 27023



Anticipated Impacts: Low

The building on site has operated as an old hardware store, a bank, and an antique shop. The Lewisville Volunteer Fire Department was located on the same Parcel as the Masonic Lodge. Today where the Fire Station once stood is a parking lot. Incident 14432 is associated with the parcel and several monitoring wells were observed. Today it houses the local masonic lodge and a hair salon named FARRAGO.



This historical aerial image from 1986 shows the location of the Lewisville Volunteer Fire Department.

(10) Property Name:
Lewisville Shell
6295 Shallowford Road
Lewisville, NC 27023

Parcel 39
7-8 borings

Property Owner:
West Bend Masonic Lodge 434 Trust
4206 Sylvia Street
Winston-Salem, NC 27104

Facility ID: 00-0-020023
Incident Type/Number: 30127
UST Number: 0

UST Owner:
Quality Oil Company, LLC
P.O. Box 2736
Winston-Salem, NC 27127



Anticipated Impacts: Low

This former gas station is currently a vacant lot with a remediation system that is no longer operating. Incident 30127 is associated with the parcel and according to the regulatory database has not been officially closed out. Several monitoring wells were located while on site.

(11) Property Name:

Collins Petroleum & Electrical Inc.
116 Lewisville-Vienna Road
Lewisville, NC 27023

Parcel 37
10 borings

Property Owner:

Michael and Julie Collins
308 Heatherford Drive
Lewisville, NC 27023

UST Number: 0



Anticipated Impacts: Low

This business has scrapped fuel dispensers outside of the building, and monitoring wells on the property possibly associated with the Lewisville Volunteer Fire Department Incident. No registered tanks were identified in the regulatory database, nor are any documented incidents associated with the address or owners.

(12) Property Name:
Lewisville Mill
6275 Shallowford Road
Lewisville, NC 27023

Not Investigated

Property Owner:
Thomas H Fowler Family LLC
P.O. Box 301
Lewisville, NC 27023

UST Number: 0



Anticipated Impacts: Low

The former mill operated from approximately 1910 to 1984, grinding grains into flour, cornmeal, and feed for livestock. Currently Lewisville Hardware among other businesses occupy the building. There are no documented incidents associated with the parcel and no monitoring wells were identified while on site.

(13) Property Name:
Denver White Oil Company
118 Esso Lane
Lewisville, NC 27023

Not Investigated

Property Owner:
Denver White Oil Co.
4542 S. Main Street
Winston-Salem, NC 27107

Facility ID: 00-0-015245
UST Number: 02

UST Owner:
Denver White Oil Co.
4542 S. Main Street
Winston-Salem, NC 27107



Anticipated Impacts: Low

Denver White Oil Company operates a distribution center from this location. Several large capacity above ground tanks were observed as well as dispensers on the yard and documentation of underground tanks on site. The existing study area clips the parcel, but the proposed construction limits are not anticipated to impact the site.

Figure
Location of GeoEnvironmental Sites of Concern

