

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

ROY COOPER GOVERNOR JAMES H. TROGDON, III Secretary

August 6, 2019

MEMORANDUM TO:	Susan Westberry, AICP,PWS,CPESC Senior Transportation Planning Manager AECOM Craig Haden Craig Haden
FROM:	Craig Haden AE4AE3FF131F404 GeoEnvironmental Project Manager GeoEnvironmental Section Geotechnical Engineering Unit
TIP NO: WBS: COUNTY: DIVISION DESCRIPTION:	U-4434 37764.1.1 NEW HANOVER 3 Independence Blvd Extension from Randall Pkwy to MLK Jr. Pkwy

SUBJECT: GeoEnvironmental Phase I Report

The GeoEnvironmental Section of the Geotechnical Engineering Unit performed a Phase I field investigation on July 7, 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

Thirty-One (31) 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.

Telephone: (919) 707-6850 *Customer Service:* 1-877-368-4968 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) 707-6871.

cc:

John Pilipchuk, LG, PE, State Geotechnical Engineer Brian Hanks, PE, State Structures Engineer Brent Hall, Locations and Surveys Carl Barclay, PE, State Utilities Manager Krista Kimmel, PE, Division Design Construct Kevin Bowen, PE, Division Construction Engineer Eric Ray, Division Right of Way Agent Chris Kreider, PE, Geotechnical Regional Manager Dean Argenbright, LG, Regional Geological Engineer Heather Fulghum, ROW Unit, Negotiations, State Negotiator row-notify@ncdot.gov roadwaydesign@ncdot.gov hydraulics_notify@ncdot.gov (01) Property Name: Safeway Food Market 3316 Wilshire Blvd Wilmington, NC

Facility ID: N/A Incident Type/Number: N/A

Property Owner:

Thomas & Peggy Needham 2326 Waverly Dr Wilmington, NC 28403

UST Owner: N/A N/A



Anticipated Impacts: Low

This site is a convenience store. It is located on the south side of Wilshire Blvd Approximately 500 east of Wrightsville Ave. The address is not listed in the UST registry and there are no known incidents associated with it. No evidence of USTs or monitoring wells were observed during the site investigation.

(02) Property Name: Former Fowler's Wholesale Meats 433 Mercer Ave Wilmington, NC

Facility ID: 00-0-000003958 Incident Type/Number: N/A **Property Owner:** Fowler Commercial Prop. LLC 408 Covil Ave Wilmington, NC 28403

UST Owner: Fowler's Wholesale Meats 433 Mercer Ave Wilmington, NC 28403



Anticipated Impacts: Low

This site is the former location of Fowler's Wholesale Meats, Inc. The facility appeared to be vacant and used for storage at the time of the site investigation. It is located on the east side of Mercer Ave approximately 900 feet north of Covil Ave. According to the UST section registry two USTs were removed in 1993. There are no known incidents associated with it. Access to the property was unattainable at the time of the site investigation.

(03) Property Name: Vacant Lot 7 Wayne Dr Wilmington, NC

Facility ID: 00-0-000000097 **Incident Type/Number:** 11708 **Property Owner:** Indochine of NC LLC 7 Wayne Dr Wilmington, NC 28403

UST Owner: W.K. Hobbs Inc 1332 Castle Hayne Rd Wilmington, NC 28401



Anticipated Impacts: Low

This site is currently a vacant lot. It is the former location of Hobbs EZ Serve located at 3024 Market St. That address no longer exist. According to the UST section registry two USTs were removed in 1991 and three USTs were removed in 1993. Incident # 11708 is associated with the facility and was closed out in 1999. one monitoring well and a former remediation vault and two pump island outlines were observed during the site investigation. According to DEQ records the monitoring wells were abandon in 2001. Part of the former remediation system and several monitoring wells were located on the Ivy Cottage property (3020 Market St). This site was identified as site # 45 in the U-4902B 2008 GeoEnvironmental GIE report.

(04) Property Name: Market St. Alterations 3001 Market St Wilmington, NC

Facility ID: 00-0-000002376 Incident Type/Number: N/A **Property Owner:** Fisher Holdings LLC ETAL 1608 Market St Wilmington, NC 28401

UST Owner: F&W Enterprises-Partnership 1608 Market St Wilmington, NC 28401



Anticipated Impacts: Low

This site currently operates as an alteration shop. It is the former location of Meineke Discount Muffler. It is located on the northeast quadrant of Market St and N 30th St. According to the UST registry two USTs were removed in 1980. There are no known incidents associated with it. There are two pump islands located in the in front of the building. No other evidence of USTs or monitoring wells were observed during the site investigation. This site was identified as site # 44 in the U-4902B 2008 GeoEnvironmental GIE report.

(05) Property Name: Fisher Holdings LLC Property. 18 N. 30th St Wilmington, NC

Facility ID: 00-0-0000022514 Incident Type/Number: N/A **Property Owner:** Fisher Holdings LLC ETAL 1608 Market St Wilmington, NC 28401

UST Owner: Boswell Dental Lab 18 N. 30th St Wilmington, NC 28401



Anticipated Impacts: Low

This site is currently a vacant building. It is located on the east side of N. 30th St approximately 200 feet north of Market St. According to the UST section registry there is one UST of unknown size and content in temporarily closed status. There are no known incidents associated with it. No Evidence of USTs or monitoring wells were observed during the site investigation.

(06) Property Name: Ivy Cottage # 3 3100 Market St Wilmington, NC

Facility ID: N/A Incident Type/Number: N/A **Property Owner:** Pearsall & Company Inc 2802 Park Ave Wilmington, NC 28403

UST Owner: N/A N/A



Anticipated Impacts: Low

This site currently operates as an antique/home furnishing business. It is located on the southeast quadrant of Market St and Mercer Ave. The address is not listed in the UST section registry and there are no known incidents associated with it. There is an outline of a former pump island in front of the store. No other evidence of USTs or monitoring wells were observed during the site investigation. This site was identified as site # 43 in the U-4902B 2008 GeoEnvironmental GIE report.

(07) Property Name: Dr. Stylz Clothing Store 3111 Market St Wilmington, NC

Facility ID: 00-0-0000026973 **Incident Type/Number:** 18092 **Property Owner:** Trac Limited Partnership PO Box 974 Angier, NC 27501

UST Owner: Triangle Leasing Co, Inc 5401 Hillsboro St PO Box 37669 Raleigh, NC 27627



Anticipated Impacts: Low

This facility is currently a small strip mall with several small businesses. It is located on the northwest quadrant of Market St and Montgomery Ave. According to the UST section registry two USTs were removed in 1992 and one UST removed in 1997. Incident # 18092 is associated with this facility and was closed out in 2001. Two monitoring wells were observed during the site investigation. This site was identified as site # 42 in the U-4902B 2008 GeoEnvironmental GIE report.

(08) Property Name: Max's Auto Service 16 Covil Ave Wilmington, NC

Facility ID: N/A Incident Type/Number: N/A

Property Owner: Real Properties LLC

1319 Military Cutoff Rd Wilmington, NC 28405

UST Owner: N/A N/A



Anticipated Impacts: Low

This site currently operates as a auto repair shop. It is located southwest quadrant of Market St and Covil Ave. The address is not listed in the UST section registry and there are no known incidents associated with it. No evidence of USTs or monitoring wells were observed during the site investigation.

(**09**) **Property Name:** Performance Auto Center 19 Covil Ave Wilmington, NC

Facility ID: N/A Incident Type/Number: N/A **Property Owner:** Larry & Rebecca Hill 3427 Canal Dr Florence, SC 29505

UST Owner: N/A N/A



Anticipated Impacts: Low

This site currently operates as an auto repair shop. It is located on the east side of Covil Ave approximately 230 feet south of Market St. The address is not listed in the UST section registry and there are no known incidents associated with it. There are seven service bays and all hydraulic lifts appeared to be above ground. No evidence of USTs or monitoring wells were observed during the site investigation.

(**10**) **Property Name:** CVS Drugstore 3302 Market St Wilmington, NC

Facility ID: 00-0-000023438 **Incident Type/Number:** 13893 Property Owner: SCP 2009 C34 064 LLC 1 CVS Dr Woonsocket, RI 2895

UST Owner: University Motors Inc 3302 Market St Wilmington, NC 28403



Anticipated Impacts: Low

This site is currently a CVS drugstore. It is the former location of Parkway Hyundai/University Motors. It is located on the southeast quadrant of Market St and Covil Ave. According to the UST section registry two USTs were removed in 1992 and four USTs were removed in 1994. Incident # 13893 is associated with this facility and was closed out in 2004. No evidence of USTs or monitoring wells were observed during the site investigation. This site was identified as site # 39 in the U-4902B 2008 GeoEnvironmental GIE report.

(11) Property Name: Elite Motors/Petes Pawn Shop 3205-3207 Market St Wilmington, NC

Facility ID: N/A Incident Type/Number: N/A **Property Owner:** Norris Development of Wilmington LLC 2710 Kerr Ave Wilmington, NC 28405

UST Owner: N/A N/A



Anticipated Impacts: Low

This site is currently a used car dealer/pawn shop. It is located on the north side of Market St between Evans St and Montgomery St. The address is not listed in the UST registry and there are no known incidents associated with it. No evidence of USTs or monitoring wells were observed during the site investigation. This site is identified as site # 40 in the U-4902B 2008 GeoEnvironmental GIE report.

(12) Property Name: Superior Auto and Tire 3315 Market St Wilmington, NC

Facility ID: 00-0-0000035956 Incident Type/Number: N/A **Property Owner:** Nicolas & Elizabeth Habash 4720 Waltmoor Rd Wilmington, NC 28409

UST Owner: Lube Center In

Lube Center, Inc 3315-1 Market St Wilmington , NC 28403



Anticipated Impacts: Low

This site currently operates as auto repair shop. It is located on the northwest quadrant of Market St and Clay St. According to the UST section registry one UST was removed in 1999. There are no known incidents associated with it. There are two businesses located on this property. Superior auto is in the first building and has four service bays and three inground lifts. Economy Auto Detailing is in the second building and has five service bays. The owner of this business stated they have no inground lifts. No other evidence of USTs or monitoring wells were observed during the site investigation. (13) Property Name: Fleet Lease Remarkting 3412 Market St Wilmington, NC

Facility ID: N/A Incident Type/Number: N/A **Property Owner:** DKMF Holdings LLC 3412 Market St Wilmington, NC 28403

UST Owner: N/A N/A



Anticipated Impacts: Low

This site is currently a used car lot and service center. It is located on the southwest quadrant on Market St and Darlington Ave. The address is not listed in the UST section registry and there are no known incidents associated with it. There is an office building and service garage with several bays. All the hydraulic lifts appeared to be above ground. No evidence of USTs or monitoring wells were observed during the site investigation.

(14) Property Name: Furniture Outlet/Johns Tires 3722 Market St Wilmington, NC

Facility ID: 00-0-0000001460 **Incident Type/Number:** 9080 **Property Owner:** Gates Enterprises of NC LLC 3722 Market St Wilmington, NC 28403

UST Owner: Tony's Foreign Car Center 3722 Market St Wilmington, NC 28403



Anticipated Impacts: Low

This site currently operates as furniture outlet store and an auto repair shop. It is located on the south side of Market St approximately 700 feet east of Darlington Ave. According to the UST section registry five USTs were removed in 2000. Incident # 9080 is associated with this site and was closed out in 2015. Pump island outlines and 2 monitoring wells were observed during the site investigation. No other evidence of USTs were observed during the site investigation. This site was identified as site # 37 in the U-4902B 2008 GeoEnvironmental GIE report.

(15) Property Name: Meineke Car Care Center 3805 Market St Wilmington, NC

Facility ID: N/A Incident Type/Number: 43025 **Property Owner:** DROC Auto Repair Inc. 3805 Market St Wilmington, NC 28403

UST Owner: Doris Campbell 3660 Wildcat Run Lakeland , FL 33809



Anticipated Impacts: Low

This site currently operates as an auto repair shop. It is located on the north side of Market St approximately 960 feet east of Darlington Ave. The address is not listed in the UST section registry. Incident # 43025 is associated with the site and was closed out in 2019. According to the LUST database three UST s were removed in 1993 by one of the previous property owners. No evidence of USTs were observed during the site investigation. One possible monitoring well was observed just west of the entrance near the railroad tracts.

(**16**) **Property Name:** Abra Auto Body 3801 Market St Wilmington, NC

Facility ID: 00-0-0000032347 Incident Type/Number: N/A **Property Owner:** NC Collision Solutions Holding Co 3801 Market St Wilmington, NC 28403

UST Owner: The Springer Company Inc 3801 Market St Wilmington, NC 28403



Anticipated Impacts: Low

This site currently operates as a paint and body shop. It is the former location of Atlantic Shores Distribution. It is located on the north side Market St approximately 880 feet east of Darlington Ave behind Meineke Car Care. According to the UST section registry one UST was removed 1991. There are no known incidents associated with it. No evidence of USTs or monitoring wells were observed during the site investigation.

(17) Property Name: Prince Mini Mart 3002 Princess Place Dr Wilmington, NC

Facility ID: 00-0-000020307 **Incident Type/Number:** 18694 **Property Owner:** Prince Investments LLC 129 Finley Forest Dr Chapel Hill, NC 27517

UST Owner: Peter Grear/ DBA The Challenger PO Box 2279 Wilmington , NC 28402



Anticipated Impacts: Low

This site currently operates as a convenience store only. It is located on the southeast quadrant of Princess Place Dr and N 30th St. It is the former location of Creekwood Mini Mart. According to the UST section registry four USTs are still in use. The LUST database indicates the UST were removed in 2006 (by the previous owner) and incident # 18694 was closed out in 2014. One abandon monitoring well was observed during the site investigation. No other evidence of USTs were observed.

(18) Property Name: Barnetts Garage 3202 Princess Place Dr Wilmington, NC

Facility ID: N/A Incident Type/Number: N/A **Property Owner:** Joe Barnett 906 4th St Wilmington, NC 28401

UST Owner: N/A N/A



Anticipated Impacts: Low

This site currently operates as an auto repair shop. It is located on the south side of Princess Place Dr between Montgomery Ave and Evans St. The address is not listed in the UST section registry and there are no known incidents associated with it. No evidence of USTs or monitoring wells were observed. Heavily stained soil was observed on the east side of the building.

(19) Property Name: Career Readiness Academy

3702 Princess Place Dr Wilmington, NC

Facility ID: N/A Incident Type/Number: 32207 **Property Owner:** New Hanover Board of Education 6410 Carolina Beach Rd Wilmington, NC 28412

UST Owner: New Hanover Board of Education 6410 Carolina Beach Rd Wilmington, NC 28412



Anticipated Impacts: Low

This site currently operates as Career Readiness Academy School. It was formerly Blount Elementary School. It is located on the south side of Princess Place Dr across from Manly Ave. The Address is not listed in the UST section registry. Incident # 32207 is associated with the site. The LUST database indicates the heating oil UST was removed in 2005. The incident # was also closed out in 2005. One monitoring well was observed on the east side of the building during the site investigation. No other evidence if USTs were observed.

(20) Property Name:
Hines Property Owner:
Thomas & Evalyn Hines
PO Box 12832
Wilmington, NCProperty Owner:
Thomas & Evalyn Hines
PO Box 12832
Wilmington, NC 28405Facility ID: NCD 981 929 557
Incident Type/Number: N/A
N/A
N/AUST Owner:
N/A
N/ATomas & Evalyn Hines
PO Box 12832
Wilmington, NC 28405Ust Owner:
N/A
N/A

Anticipated Impacts: Low-Med

This site is a residential Property. It is located on the southeast quadrant of N. Kerr Ave and Alandale Dr. It is listed as a superfund site but no information was found on the site.

(21) Property Name: Former Wilmington Landfill MLK JR Pkwy and N 23rd St

Wilmington, NC

Facility ID: Pre-Regulated Landfill **Incident Type/Number:** N/A

Property Owner: NCDOT ROW

UST Owner: N/A N/A



Photo from Google Street View Anticipated Impacts: Low

This site is within the NCDOT Row for the exit ramp of MLK Jr Pkwy and N.23rd St. It was a preregulated landfill owned by the city of Wilmington. The property was impacted during the construction of the U-0092 Smith Creek Pkwy. It was also identified as site # 6 in the U-6083 2019 Phase I report. (22) Property Name: Alcami 1726 N. 23rd St Wilmington, NC

Facility ID: N/A Incident Type/Number: 18663

Property Owner: Aaipharma Service Corp.

2320 Scientific Park Dr Wilmington, NC 28405

UST Owner: N/A N/A



Anticipated Impacts: Med

This site is part of Alcami Pharmaceutical Company. It is located on the east side of N. 23rd St approximately 1000 feet north of One Tree Hill Way. The site is listed as a Large Quantity generator of hazardous material. What the plant actually produces is unknown. Incident # 18663 is associated with the site and was closed out in 1998.

(23) Property Name: Southern Water Conditioning 1717 N. 23rd St Wilmington, NC

Facility ID: 00-0-0000022542 Incident Type/Number: N/A **Property Owner:** Neil and Shirley Roberts 1717 N. 23rd St Wilmington, NC 28405

UST Owner: Southern Water Conditioning 1717 N. 23rd St Wilmington, NC 28405



Anticipated Impacts: Low

This site currently operates as a water filtration company. It is located on the west side N 23rd St approximately 860 feet north of One Tree Hill Way. According to the UST section registry two USTs were removed in 1989. There are no known incidents associated with it. There was a possible pump island outline in the front parking lot. No other evidence of USTs or monitoring wells were observed during the site investigation.

(24) Property Name: Port City Auto Parts 1720 N. 23rd St Wilmington, NC

Facility ID: N/A Incident Type/Number: N/A Property Owner: Double King LLC 3416 Market St Wilmington, NC 28403

UST Owner: N/A N/A



Anticipated Impacts: Low

This site currently operates as an auto parts store/junk yard. It is located on the east side of N.23rd St approximately 860 feet north of One Tree Hill Way. The address is not listed in the UST section registry and there are no known incidents associated with it. No evidence of USTs or monitoring wells were observed during the site investigation.

(25) Property Name: UPS Wilmington 1620 N. 23rd St Wilmington, NC

Facility ID: 00-0-000020211 Incident Type/Number: 6018, 14624 **Property Owner:** BT Property LLC 55 Glenlake Pkwy Atlanta, GA 30328

UST Owner: United Parcel Service Inc 124 Creekside Rd West Columbia, SC 29172



Anticipated Impacts: Low

This site currently operates as the UPS facility. It is located on the east side of N. 23rd St approximately 580 feet north of One Tree Hill. According to the UST section registry one UST is currently in use, two USTs were removed in 1994. Incident #'s 6018 and 14624 are associated with this site. Both incidents were closed out in 2001. No monitoring wells were observed during the site investigation.

(26) Property Name: Tony's Foreign Car Center 1602 N. 23rd St Wilmington, NC

Facility ID: N/A Incident Type/Number: N/A

Property Owner: L.A.Benson Company PO Box 692 Bel Air, MD 21014

UST Owner: N/A N/A



Anticipated Impacts: Low

This site currently operates as an auto repair shop. It is located on the east side of N.23rd St approximately 300 feet north of One Tree Hill Way. The address is not listed in the UST section registry and there are no known incidents associated with it. No evidence of USTs or monitoring well were observed during the site investigation. There were several 55gallon drums stored behind the building.

(27) Property Name: Alcami 23rd St Building 1519 N. 23rd St Wilmington, NC **Property Owner:** Southside Holdings LLC

Southside Holdings LLC 1508 Military Cutoff Rd Wilmington, NC 28403

Facility ID: 00-0-0000033575, NCD986171965 **Incident Type/Number:** 5611, 20163 **UST Owner:** Dixie Yarns PO Box 759 Gastonia, NC 28053



Anticipated Impacts: High

This site is currently a business office complex with several businesses. It is located on the northwest quadrant of N.23rd St and One Tree Hill Way. It is the former location of Caro-Knit, A Division of Dixie Yarns. The site is listed as a superfund site (Caro-Knit). According to the UST section registry one UST was removed in 1994. One UST (not in database) was removed in 1983 or 1984 when the former caro-knit plant was closed. Several monitoring wells were observed during the site investigation. Based on reports found on the DEQ website the site is still being monitored. This site was investigated by NCDOT for the U-0092 Smith Creek Pkwy Project in 1988.

(28) Property Name: Long Business Center 1215 N. 23rd St Wilmington, NC

Facility ID: 00-0-0000022535 Incident Type/Number: N/A **Property Owner:** L&L Real Estate Ventures 3703 Wrightsville Ave Wilmington, NC 28403

UST Owner: Cardinal Moving & Storage 1215 N. 23rd St Wilmington, NC 28405



Anticipated Impacts: Low

This site appears to operate as a mini storage facility. It is located on the west side of N.23rd St approximately 140 feet south of Scientific Park Dr. According to the UST section registry two UST were removed in 1988. There are no known incidents associated with it. No evidence of USTs or monitoring wells were observed during the site investigation.

(29) Property Name: Alcami Tech Center 2320 Scientific Park Dr Wilmington, NC

Facility ID: NCR0000012195 Incident Type/Number: N/A

Property Owner: Aaipharma Service Corp.

2320 Scientific Park Dr Wilmington, NC 28405

UST Owner: N/A N/A



Anticipated Impacts: Low

This site operates as Alcami Development services and Analytical Testing facility. It is located on the south side of Scientific Park Dr at the dead end. The facility is listed as a large quantity generator of Hazardous Waste.

(**30**) **Property Name:** Mead Westvaco 2221 N. 23rd St Wilmington, NC

Property Owner:

New Hanover Regional Medical Center 2131 17th St Wilmington, NC 28401

Facility ID: 00-0-0000000154, NCD072022726 **Incident Type/Number:** 3013 **UST Owner:** Federal Paper Board Co 2221 JR Kennedy Dr Wilmington, NC 28405



Anticipated Impacts: Med

This site is currently a vacant building being redeveloped for the New Hanover medical center. It is located on the northwest quadrant of N. 23rd St and JR Kennedy Dr. The facility is listed as a hazardous waste site with ongoing groundwater monitoring. According to the UST section registry twelve USTs were removed in 1980. The site developer stated several unregistered USTs have been removed within the last year. According to the August 2018 Groundwater report most of the wells are located on the west side of the property behind the building.

(31) Property Name: Scotchman 3107 906 N.23 Rd St Wilmington, NC

Facility ID: 00-0-0000020181 **Incident Type/Number:** 3634, 22155, 22913, 23745 **Property Owner:** RILP NC2 LP

11995 El Camino Real San Diego, CA 92130

UST Owner:

RI CS5 LLC 600 La Terraza Blvd Escondido, CA 92025



Anticipated Impacts: Low

This site is currently an active convenience store/gas station. It is located on the east side of N. 23rd St approximately 240 feet north of JR Kennedy Dr. According to the UST section registry there are six USTs currently in use. Three USTs were removed in 2007. Incident #'s 3634, 22155, 22913 and 23745 are associated with the facility and are all still active. Numerous monitoring wells were observed during the site investigation. The facility appeared to be under remediation at the time of the site investigation.







