

GeoEnvironmental Impact Evaluation

Project 35601.1.1 (TIP # R-4463)
NC 55-43 to US 17 South in New Bern
Craven County

Purpose

This report presents the results of a geoenvironmental impact evaluation conducted along the above referenced project. The main purpose of this investigation is to identify properties within the project study area that are or may be contaminated and therefore result in increased project costs and future liability if acquired by the Department. Geoenvironmental impacts may include, but are not limited to, active and abandoned underground storage tank (UST) sites, hazardous waste sites, regulated landfills and unregulated dumpsites.

Techniques/Methodologies Used

The Geographical Information System (GIS) was consulted to identify known environmentally impacting sites in relation to the project corridor.

Findings

Underground Storage Tank (UST) Facilities

Based on our study, six possible sites presently or formerly containing petroleum underground storage tanks (UST's) were identified within the project limits (see Appendix A).

Hazardous Waste Sites

No Hazardous Waste Sites were identified within the project limits.

Landfills

No apparent landfills were identified within the project limits.

Other GeoEnvironmental Concerns

No other GeoEnvironmental Concerns were identified within the project limits.

Anticipated Impacts

Six possible UST facilities, five gas stations and one textile manufacturing facility, were identified within the proposed project corridor. We anticipate low to high monetary and scheduling impacts resulting from these sites.

The GeoEnvironmental Section observed no additional contaminated properties during the field reconnaissance and regulatory agencies' records search. The GeoEnvironmental Section will provide soil and groundwater assessments on each of the above properties after identification of the selected alternative and before right of way acquisition. Please note that discovery of additional sites not recorded by regulatory agencies and not reasonably discernable 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.

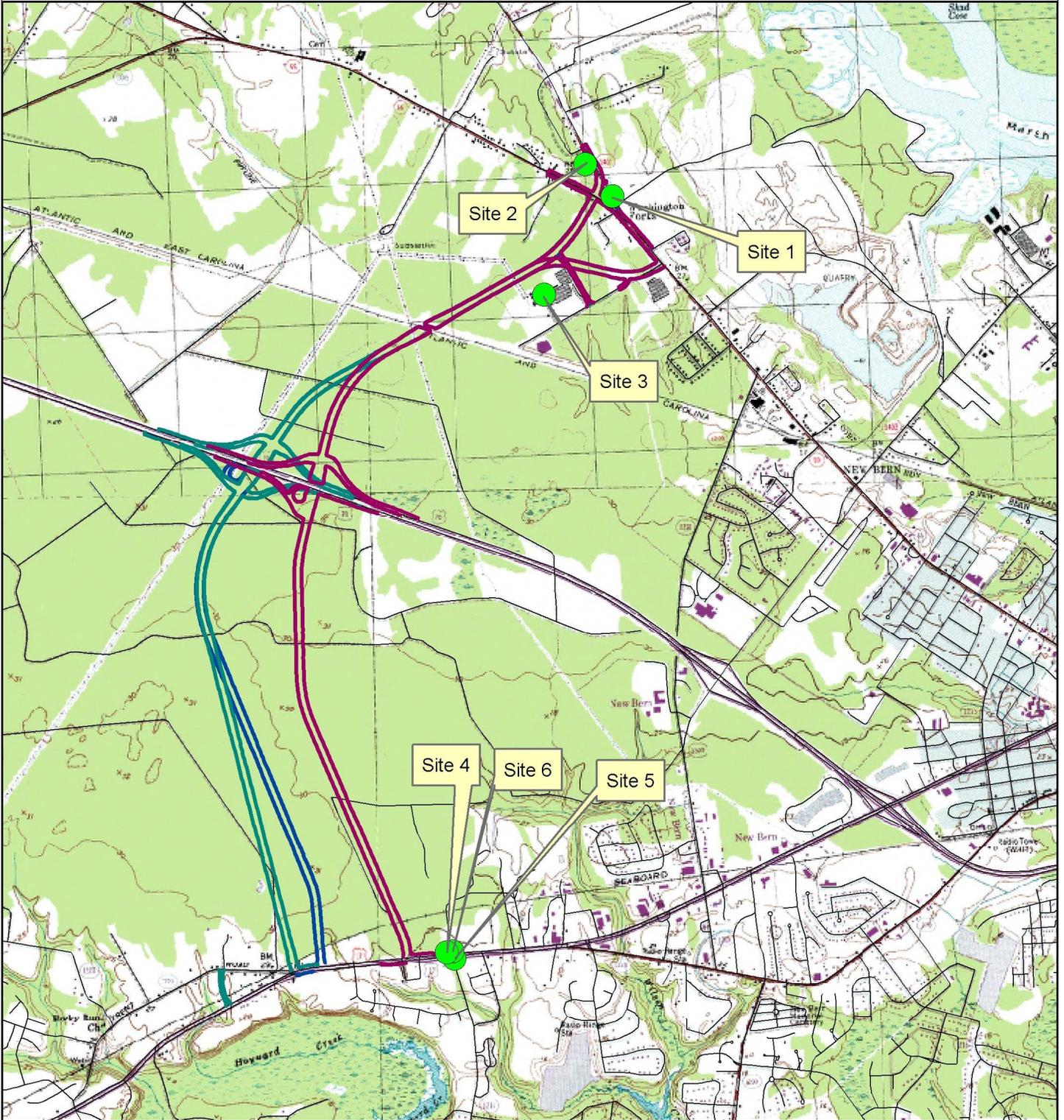
Prepared By:

GeoEnvironmental Project Manager

USTs, Landfills & Other Potentially Contaminated Sites

Site #	Type	Location	UST Facility ID #	Property Owner	UST Owner	Anticipated Impacts	Anticipated Severity	Comments
1	UST	215 Washington Post Road	0-011400	Patricia Tripp	Worsley Companies	Petroleum contaminated soils	Low	Scotchman #61
2	UST	275 Washington Post Road	0-035649	DTF LLC	Trade Oil Company	Petroleum contaminated soils	Low	Trade Mart #49
3	UST	197 Bosch Blvd	0-011335	Amital Spinning Corp	Texfi Industries	Solvents	High	Texfi Industries
4	UST	4100 Martin Luther King Jr. Blvd	0-035397	Marie Williams	Trade Oil Company	Petroleum contaminated soils	Low	Trade Mart #47
5	UST	4011 Martin Luther King Jr. Blvd	0-034104	EJ Pope & Son Inc.	EJ Pope & Son Inc.	Petroleum contaminated soils	Low	Handy Mart #53
6	UST	4010 Martin Luther King Jr. Blvd	0-033661	Wilco Hess LLC	Service Distributing Company	Petroleum contaminated soils	Low	Service 03113

Figure 1
Locations of UST, Landfills, and Other Potentially Contaminated Sites

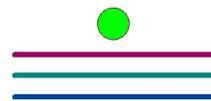


NCDOT Geotechnical Engineering Unit
GeoEnvironmental Section

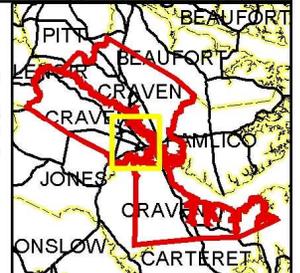
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Legend



R-4463 Sites
Alternative D
Alternative E
Alternative F



APPENDIX A

Known and Potential GeoEnvironmental Impact Sites

1)	Property Name Scotchman #61 215 Washington Post Road New Bern	Property Owner: Patricia Tripp
	UST Facility ID # 0-011400	UST Owner Worsley Companies

This former gas station is located in the northwest corner of the intersection of Washington Road and NC 55. NCDENR has five USTs registered for this facility all of which were apparently closed in 1998. Based on the Craven County aerial photography, this site has recently been razed. **This site will have a low impact to this project.**

2)	Property Name Trade Mart # 49 275 Washington Post Road New Bern	Property Owner: DTF LLC
	UST Facility ID # 0-035649	UST Owner DTF LLC

This active gas station is located approximately 1300 feet north of the intersection of NC 55 and Washington Post Road. NCDENR has four USTs registered for this facility. All four USTs were installed in 1997. **This site will have a low impact to this project.**

3)	Property Name Texfi Industries 197 Bosch Blvd New Bern	Property Owner: Amital Spinning Corp
	UST Facility ID # 0-011335	UST Owner Texfi Industries

This textile manufacturing facility is located on the north side of Bosch Boulevard approximately 3000 feet west of Neuse Boulevard. NCDENR assigned ground water incident number 3350 to this site in 1987 due to solvents released into the ground water. One 500 gallon UST was reportedly closed from at this facility in 1987. **This site will have a low impact to this project.**

4) **Property Name**
Trade Mart #47
4100 Martin Luther King Jr. Blvd
New Bern

Property Owner:
Marie Williams

UST Facility ID #
0-035397

UST Owner
Trade Oil Company

This active gas station is located in the northwest corner of the intersection of Martin Luther King Jr. Boulevard and River Road (SR 1214). NCDENR has four USTs installed in 1997 registered for this facility. **This site will have a low impact to this project**

5) **Property Name**
Handy Mart #53
4011 Martin Luther King Jr. Blvd
New Bern

Property Owner:
EJ Pope & Son

UST Facility ID #
0-034104

UST Owner
EJ Pope and Son

This active gas station is located in the southeast corner of the intersection of Martin Luther King Jr. Boulevard and River Road (SR 1214). NCDENR has three USTs installed in 1994 registered for this facility. **This site will have a low impact to this project**

6) **Property Name**
Trade Mart #47
4100 Martin Luther King Jr. Blvd
New Bern

Property Owner:
Marie Williams

UST Facility ID #
0-035397

UST Owner
Trade Oil Company

This active gas station is located in the northeast corner of the intersection of Martin Luther King Jr. Boulevard and River Road (SR 1214). NCDENR has five USTs installed in 1992 registered for this facility. **This site will have a low impact to this project**
