




PAT McCRORY
Governor

NICHOLAS J. TENNYSON
Secretary

October 26, 2015

MEMORANDUM TO: James F. Bridges
Project Development Engineer
Rail Division

FROM: 
Craig E. Haden
GeoEnvironmental Project Manager
GeoEnvironmental Section
Geotechnical Engineering Unit

TIP NO: P-5705A
WBS: 44475.1.1
COUNTY: Mecklenburg
DIVISION: Division 10
DESCRIPTION: Charlotte Wye Track Improvements

SUBJECT: **GeoEnvironmental Report for Planning**

The GeoEnvironmental Section has completed the GeoEnvironmental Report for Planning. This report has the following components and is transmitted as:

 X Hazardous Materials Report (6) pages

Please contact me if you have any questions concerning this project.



Hazardous Materials Report

The GeoEnvironmental Section of the Geotechnical Engineering Unit has investigated the above referenced project to identify hazardous material sites for inclusion in the environmental document.

HAZARDOUS MATERIALS EVALUATION

Purpose

This section presents the results of a hazardous material 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 thus may result in increased project costs and future liability if acquired by the Department. Hazardous material impacts may include, but are not limited to active and abandoned underground storage tank (UST) sites, hazardous waste generators, regulated landfills, or unregulated dumpsites.

Methodology

Geographical Information System (GIS) databases were consulted to identify known and suspected sites of concern in relation to the project study area. A search of appropriate historical records was performed to assist in evaluating sites of concern identified during this study. GeoEnvironmental Section personnel did not conduct field reconnaissance along the above mentioned project.

Summary of Findings

UST Facilities

One (1) former UST facility was identified within the project limits.

Hazardous Waste Sites

None within the project limits.

Landfills

None within the project limits.

Other GeoEnvironmental Concerns

Two (2) other sites of concern, a former scrap metal recycling facility and a manufacturer & wholesaler of household cleaning products were identified within the study area.

Anticipated Impacts

Three (3) sites of concern have been identified within the project area, including one (1) former UST facility, one (1) former scrap metal recycling facility and one (1) household cleaning product manufacturer & wholesaler. We anticipate low to moderate monetary and scheduling impacts resulting from these sites (see the following table and appendices for details).

The GeoEnvironmental Section observed no additional contaminated properties during the field reconnaissance and regulatory agencies' records search. The GeoEnvironmental Section will investigate these sites of concern for contamination after the Final Design Field Inspection as necessary based on the proposed design. Design recommendations and right of way recommendations will be provided base on our findings.

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 919-707-6871.



Craig E. Haden
GeoEnvironmental Project Manager
GeoEnvironmental Section
Geotechnical Engineering Unit

cc:

John Pilipchuk, LG, PE, State Geotechnical Engineer
Glenn Mumford, PE, State Roadway Design Engineer
David Chang, Ph.D, PE, State Hydraulics Engineer
Tom Koch, PE, State Structures Engineer
Charles Brown, PE, PLS, State Locations and Surveys Engineer
Ronald Wilkins, PE, State Utilities Manager
Darin Waller, PE, Area Bridge Construction Engineer
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Eric Williams, PE, Geotechnical Regional Manager
Clint Little, LG, Regional Geological Engineer
Steve Grimes, ROW Unit, Negotiations, State Negotiator
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File

Appendix A

1)	Property Name Vacant Lot Formerly Plato Price Warehouse 4201 Morris Field Dr. Charlotte, NC 28208	Property Owner: City of Charlotte 600 E 4 th St. Charlotte, NC 28202
	Facility ID: 0-027361 Incident: N/A	UST Owner: City of Charlotte 600 E 4 th St. Charlotte, NC 28202



Top view toward the west circa 2011 (Google Streetview), Bottom view NCDOT historic photo 1974. This parcel is located on northeast corner of the Morris Field Road and Seymour Drive intersection. According to the UST Section Registry, there was a tank installed in 1959 and removed in 1993. Plato Price School was on this property from 1937 to the 1960's. Then, the school was used for storage under the name Plato Price Warehouse. Currently, there is no building or UST on site. **This site is anticipated to present low geoenvironmental impacts to the project.**

2)	Property Name Vacant Lot Formerly United Scarp, Inc. 3600 Primrose Ave Charlotte, NC 28208 Facility ID: UST# MO-2453 Incident: N/A	Property Owner: SFF Holdings LLC 2823 Providence Rd. Suite 323 Charlotte, NC 28211 UST Owner: N/A
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Top view toward the northwest circa 2011 (Google Maps), Bottom view NCDOT historic photo 1974

This site is currently a vacant lot and is located at the western end of Primrose Avenue, west of the train track, it is the former location of United Scarp Inc. This facility does not appear in the UST Section Registry. The facility does appear in NCDEQ's groundwater database (UST # MO-2453). There is no incident or facility ID associated with it. According to the database the site was closed out in 1990 with no contamination. The buildings were razed between 2013 and 2014. **This site is anticipated to present low to moderate geoenvironmental impacts to the project.**

3) **Property Name**
RGA Enterprises
4001 Morris Field Dr.
Charlotte, NC 28208

Property Owner:
BBM III Holdings LLC
PO Box 669226
Charlotte, NC 28266

Facility ID: N/A
Incident: N/A

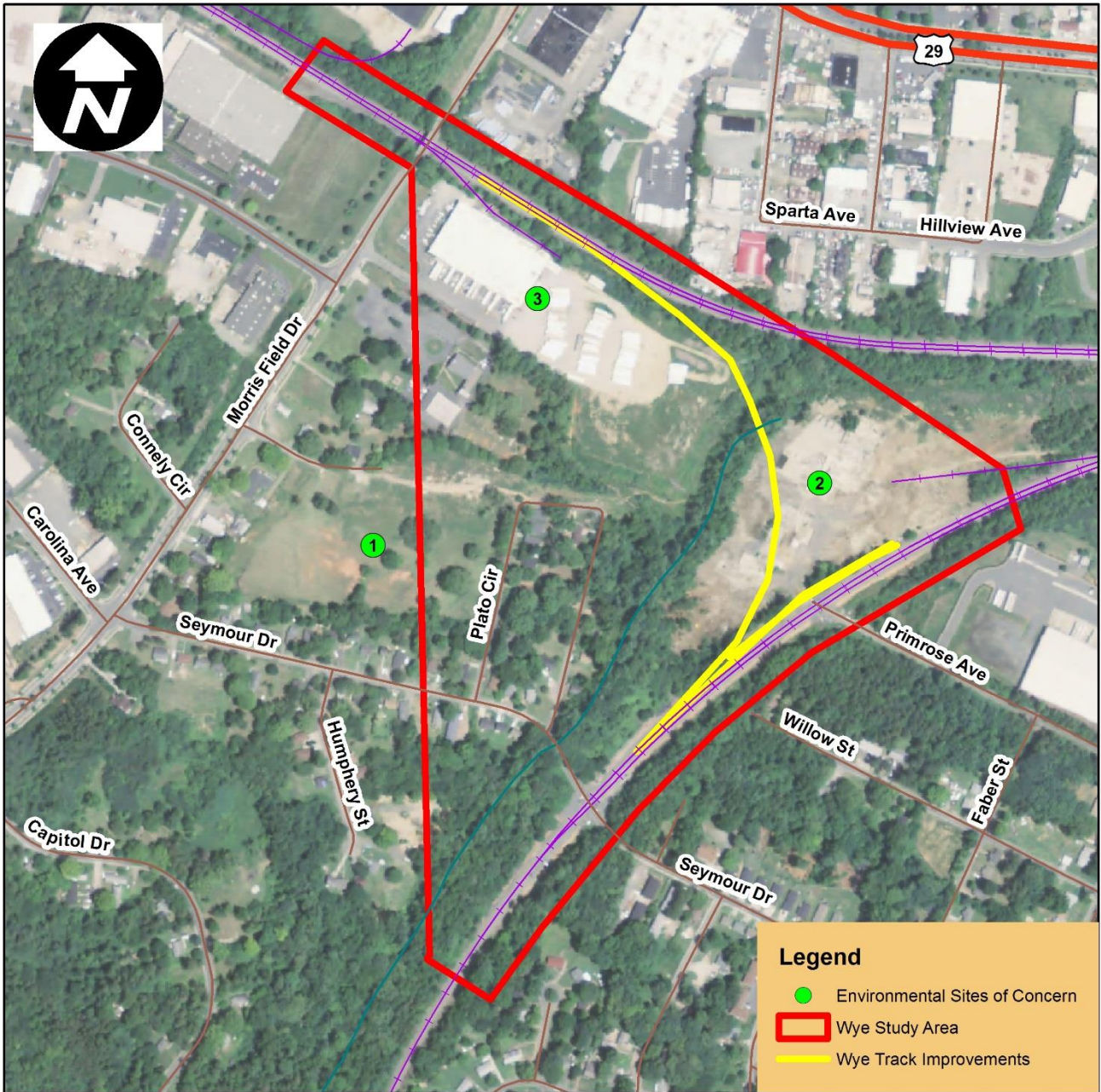
UST Owner: N/A



View toward the northeast circa 2015 (Google Maps)

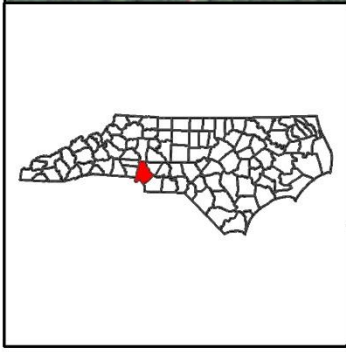
This facility is located on the south east quadrant of Morris Field Drive and the train track intersection. RGA Enterprises, Inc. is a manufacturer and wholesaler of household cleaning products. The back lot was graded in 2009 and is currently used for additional tractor trailer parking. This facility does not appear in the UST Section Registry there are no know groundwater incidents associated with this site, **This site is anticipated to present low geoenvironmental impacts to the project.**

Appendix A
Location of GeoEnvironmental Sites of Concern




Legend

- Environmental Sites of Concern
- Wye Study Area
- Wye Track Improvements



Project 44475.1.1 (TIP # P-5705A)
 Charlotte Wye Track Improvements
 Mecklenburg County

500 250 0 500 Feet

 NC Department of Transportation
 Geotechnical Engineering Unit
 GeoEnvironmental Section

