



**LYNX Blue Line Extension
(Northeast Proposed Corridor)**

Light Rail Project

Contract #: 08-477

WBS #: 6.15

**Limited Phase I Environmental Site
Assessment Addendum**

**Proposed Light Rail Alternative Alignment
Corridor Study**

Prepared by:

STV/Ralph Whitehead Associates

**1000 W. Morehead Street, Suite 200
Charlotte, NC 28208**

**Prepared for:
City of Charlotte
Charlotte Area Transit System**

**Project #: 2513745
July 26, 2011**

Rev. 00

July 26, 2011

Charlotte Area Transit System
600 East Fourth Street
Charlotte, North Carolina 28202

Attention: Kelly Goforth
Project Development Manager

Subject: **Limited Phase I Environmental Site Assessment Addendum
LYNX BLE Northeast Corridor Light Rail Project
Proposed Light Rail Alternative Alignment Corridor Study
Mecklenburg County, North Carolina
STV/RWA Project# 2513745**

Dear Ms. Goforth:

Because of design changes and more complete property acquisition information, this addendum to the Limited Phase I Environmental Site Assessment has been created to give a more accurate description of the relative location of certain properties of concern in relation to the project corridor. This addendum is not intended to update information regarding contamination or other recognized environmental conditions. The items and incidents of concern described in this addendum are based on the information gained at the time of the original corridor study.

We appreciate the opportunity to provide our services. If you have any questions or require additional information, please contact us.

Respectfully submitted,

STV/Ralph Whitehead Associates



Robert H. Baughman
Vice President

1.0 INTRODUCTION

1.1 Purpose

STV/RWA, under contract with the City of Charlotte, prepared this report as an addendum to the *Limited Phase I Environmental Site Assessment LYNX BLE Northeast Corridor Light Rail Project Proposed Light Rail Alternative Alignment Corridor Study*. Charlotte Area Transit System (CATS) is proposing to develop the subject corridor as part of the proposed LYNX Blue Line Extension Northeast Corridor Light Rail Project. CATS has contracted the services of STV/RWA to perform a Phase I ESA to determine the likelihood of soil or groundwater contamination on, or near, the proposed corridor.

The primary change analyzed in this report addendum is the consideration of design changes and more complete property acquisition information as it pertains to the relative location, of properties of interest, with respect to the corridor alignment. Focus is given to these changes and the reader is referred to the Phase I ESA mentioned previously for more complete information.

Phase I Environmental Site Assessments are dependent upon conditions of the site and status of public records at the time of the assessment. Therefore, this addendum should not be construed as an update of any change in conditions at any site, or previous conclusions or opinions made by STV/RWA, regarding any site. For an update of that nature, file reviews, site reconnaissance, and other standard activities should be completed.

The City of Charlotte has provided STV/RWA with a list of those sites affected by the more complete property acquisition information. STV/RWA has isolated these sites from the table in which they appeared. Please note that only the information contained within the "Relative Location" and "Likelihood of Encounter" column has been changed, except for Kaiser Fluid Technologies which includes changes to both the "Likelihood of Encounter" and "Degree of Hazard". The "Degree of Hazard" rating for Kaiser was changed to better align with the rating system, based on the information at the time of the original report. All other information remains as it appeared in the original report. For convenience, the rating system is described below.

1.2 Ratings

Items of interest were identified during the database search and reviews of the EPA records and NCDENR records within the project area, and modified search radius. As noted above, Table 5 below includes only items that changed. The table identifies the items of concern, gives a brief description of the concern, and assigns ratings to each item.

The first part rates, on a scale of 1 to 4, the likelihood of encountering contamination within the proposed corridor right-of-way.

1. The incident is $\frac{1}{8}$ -mile, or more, from the subject corridor (lowest likelihood to encounter contamination).
2. The incident is less than $\frac{1}{8}$ -mile from the subject corridor.
3. Right-of-way abuts contaminated property or acquires part of contaminated property.
4. Total acquisition of contaminated property or right-of-way is through contaminated area of a property (highest likelihood to encounter contamination).

The second part rates the degree of hazard on a scale of 1 to 4.

1. Remediated groundwater contamination (lowest degree of hazard).
2. Remediated soil contamination.
3. Non-remediated groundwater contamination.
4. Non-remediated soil contamination (highest degree of hazard).

Sites having USTs with no documented contamination incidents (that were not directly abutting the proposed corridor ROW) were excluded from the tables but are included on the maps in Appendix A. Some sites may be included in the tables but excluded from the maps because they were outside the range of the map view and user-defined search radius.

Table 5:
Items of Interest for Potential Contamination, Light Rail Alternative

Map Number	Name and Address	Description	Incident Phase	Relative Location	Incident Rating		Databases	Source
					Likelihood of Encounter	Degree of Hazard		
5	Newco Fibre 430 E. 36th Street	Soil and groundwater contamination.	No Status	On	4	4	Brownfields	EDR, H&H
5	Former Johnston Mill 3315 N. Davidson Street	Soil contamination from LUST.	Closed Out	On	4	2	IMD, LUST	EDR, Field
6	Abernathy Lumber 308 E. Craighead Road	Soil contamination from LUST.	Closed Out	On	4	2	IMD, LUST, UST	EDR
6,7	Kaiser Fluid Technologies 530 Sugar Creek Road	Soil and groundwater contamination from LUST.	Assessment (seeking variance)	On (Park and Ride)	4	4	SHWS, IMD	EDR, Raleigh
9, 12	TDK/Pines Mobile Home Park 5621 N. Tryon Street	Soil and groundwater contamination from LUST.	No further action	On	4	2	IMD, LUST	EDR, MRO
9, 12	Buzz's Texaco 5636 N. Tryon Street	Soil and groundwater contamination from LUST.	Follow-up	On	4	4	IMD, LUST	EDR, MRO
13	Tenneco Oil Co. #519-31 6201 N. Tryon Street	Soil and groundwater contamination from LUST.	Response	On	4	4	IMD, UST, LUST	EDR, MRO
14	Emro/Sam's Mart 6500 N. Tryon Street	Soil and groundwater contamination from LUST.	Remedial action	On	4	4	IMD, UST, LUST	EDR
14	Rama Econo Wash and Cleaners 118 Tom Hunter Road	HREC: Historic Dry Cleaners.	NA	On	4	NA	Historic Dry Cleaners	Field, City Directory
14	BP/Conoco Phillips 6501 N. Tryon Street	Soil and groundwater contamination from LUST.	Follow-up	On	4	4	IMD, UST, LUST	EDR, MRO
14	Former Crown Cleaners 6514 N. Tryon Street	No documented incident; HREC.	NA	On	4	NA	Dry cleaners	EDR(TH), City Directory

**Table 5 (continued):
Items of Interest for Potential Contamination, Light Rail Alternative**

Map Number	Name and Address	Description	Incident Phase	Relative Location	Incident Rating		Databases	Source
					Likelihood of Encounter	Degree of Hazard		
16	Wyman's Auto Repair 7226 N. Tryon Street	Soil and groundwater contamination.	No further action	On	4	4	IMD, LUST	EDR, MRO
16	Ace Doran Hauling 7631 N. Tryon Street	Soil contamination from LUST.	Closed Out	On	4	2	IMD, LUST	EDR
16	University Volvo 7716 N. Tryon Street	Soil contamination from LUST.	No further action	On	4	2	IMD, LUST	EDR, MRO
17	Sonic Mart 170 8016 N. Tryon Street	UST	NA	On	4	NA	UST	EDR
18	AT&T OSPS Facility 8404 N. Tryon Street	Soil contamination from LUST.	No further action	On	4	2	IMD, UST, LUST	EDR, MRO
18	Northeast Waste-to-Energy 8500 N. Tryon Street	Former incinerator with no documented incidents, HREC.	NA	On	4	NA	SWF/LF, HLF	EDR