

PSA REPORT

**PRELIMINARY SITE ASSESSMENT
PARCEL 17
MATTHEWS FAMILY PROPERTY
176 EAST KING STREET
BOONE, WATAUGA COUNTY,
NORTH CAROLINA
WBS ELEMENT 35015.1.1
TIP U-4020**

Prepared for

North Carolina Department of Transportation
Geotechnical Engineering Unit
Geoenvironmental Section
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May 30, 2008



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URS Job No. 3182 5704

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Certification

This Report was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my thorough inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.



Walter Plekan, L.G.
Project Manager
URS Corporation – North Carolina

2061
NC License No.

5-29-8
Date

1.1 INTRODUCTION

This report documents a Preliminary Site Assessment (PSA) conducted by URS Corporation – North Carolina (URS) on behalf of the North Carolina Department of Transportation (NCDOT). The assessment area is located within a proposed NCDOT Right-of-Way (ROW) and/or construction easement necessary for the planned expansion of US 421 from US 321 (Hardin Street) to east of NC 194 (Jefferson Road). This PSA was conducted in Boone, Watauga County, North Carolina (**Figure 1**) for Parcel 17, Matthews Family Property, located at 176 East King Street (the Site). The entire Parcel was evaluated for this PSA.

This PSA was performed in general accordance with:

- NCDOT’s February 20, 2008 Request for Technical and Cost Proposal (RFP) entitled: Request for Technical and Cost Proposal, Preliminary Site Assessment, Parcel 17, Matthews Family Property. The RFP established the following scope of work (SOW) for the project:
 - Locate all underground storage tanks (USTs) and determine approximate size and contents (if any).
 - Determine if contaminated soils are present.
 - If contamination is evident, estimate the quantity of impacted soils and indicate the approximate area of soil contamination on a Site map.
 - Prepare a report including field activities, findings, and recommendations for the Site and submit the report to NCDOT in triplicate.
- URS’s March 7, 2008 Technical and Cost Proposal entitled: Revised Technical and Cost Proposal, Preliminary Site Assessment, Parcel 17, Matthews Family Property.
- NCDOT’s March 7, 2008 Notice to Proceed, Preliminary Site Assessment, Parcel 17, Matthews Family Property.

The project included a geophysical survey, soil sampling using a Geoprobe[®] rig, and laboratory analyses of selected soil samples from within the proposed NCDOT ROW or construction easement. The geophysical survey was first conducted by URS in order to establish the locations of any USTs within the subject areas. Based on the results of the geophysical survey and anecdotal evidence, boring locations were identified and the direct-push borings were completed by a qualified drilling subcontractor (SAEDACCO of Fort Mill, South Carolina) under the supervision of a URS geologist. Analysis of soil samples were performed by Prism Laboratories, Inc. (Prism) of Charlotte, North Carolina under direct contract with NCDOT.

1.2 BACKGROUND

The objective for this PSA is to assess the Site for impacted soil and to delineate potential impacts found in soils. The major Site features for Parcel 17 and the surrounding area are shown on **Figures 1** and **2**. The parcel is bounded by US 421 (East King Street) to the north and Oak street to the west. The parcel lies at an elevation of approximately 3,250 feet above mean sea level (ft msl). The parcel includes a three story brick apartment building with an internet service provider business operating within the portion of the building facing King Street. No existing monitoring wells were noted during the Site visits. The area of interest is within the proposed ROW which encompasses the entire parcel.

2.1 GEOPHYSICAL SURVEY

The geophysical survey for Parcel 17 was conducted between March 18 and 22, 2008 by URS using the electromagnetic (EM) method augmented by ground-penetrating radar (GPR). The EM survey was completed using the Geonics, Ltd. EM-61 MKII (EM-61). The objective of the geophysical survey was to locate USTs or anomalies within the proposed ROW of US 421. A Trimble ProXRS global positioning system (GPS) was used to record simultaneous positional data coincident with the EM-61 data. EM-61 data were collected along parallel profiles spaced approximately three feet apart across the survey area. Data were recorded at a rate of five readings per second, which equates to an along-profile data point spacing of less than one foot. The acquired differential GPS has a horizontal accuracy of approximately three feet. URS also used the GPS system to record the locations of relevant Site features.

The EM-61 data were processed in the field using the program DAT61 MK2 (Geonics Ltd). The program was used primarily to prepare the data for contouring in Surfer (Golden Software, Inc.). The contoured EM-61 Channel 3 responses (data recorded at the second latest time interval along the response decay curve) were used to layout the boring locations throughout the parcel. The late time response data provide enhanced detection of objects with longer decay rates which are characteristic of larger objects such as USTs. The effectiveness of the EM-61 for detection of buried objects is negatively affected by interference from surface or near-surface features (e.g. reinforced concrete, buried catch basins, etc.). The objective of augmenting the EM-61 survey with follow-up GPR surveying was to further characterize identified EM-61 anomalies that could not be readily attributed to existing Site features.

Follow-up GPR surveying was then conducted using a Sensors & Software, Inc. Noggin PLUS Smart Cart System with a 250 MHz scanning antenna. The GPR survey was conducted within sections of the parcel that exhibited widespread large EM responses due to the presence of buildings, reinforced concrete, or other Site-specific features. GPR surveying consisted of in-field analysis of real-time data, and as a result, no post-processing of the data was completed.

Relevant structural features detected during the geophysical survey are presented on **Figure 3**. The map developed from the EM-61 data is available in our file for future reference at your request.

2.2 SOIL BORING INSTALLATION AND SOIL SAMPLING

Eleven Geoprobe[®] direct-push soil borings, P17-1 through P17-11, were installed between April 10 and 11, 2008 to assess the Site for impacted soil. The locations of the soil borings are shown on **Figure 3**.

Soil samples were collected and logged continuously at each soil boring location. Soil sample aliquots were field screened for organic vapors with a MiniRae[®] brand photo-ionization detection (PID) instrument calibrated daily with 100 parts per million (ppm) isobutylene.

Soil samples from select intervals were collected from each boring (P17-1 thru P17-11) during the soil investigations for laboratory analysis. The samples were analyzed for Total Petroleum Hydrocarbons (TPH) as gasoline range organics (GRO) and diesel range organics (DRO) using USEPA Method 8015B.

2.3 QUALITY CONTROL/QUALITY ASSURANCE PROCEDURES

While in the field, pertinent observations were recorded in a logbook maintained by the URS field representative. This included pertinent field data collection activities and other observations as appropriate. Each sample collected for laboratory analysis was assigned a unique sample identification number and placed in laboratory supplied containers appropriate for the parameters being analyzed. Samples collected for laboratory analyses were stored on ice in insulated coolers immediately following collection. Information on the custody, transfer, handling, and shipping of all samples was recorded on a chain-of-custody form that accompanied the samples to the laboratory.

Soil analytical data were evaluated based on the Contract Laboratory Program National Functional Guidelines for Organic Data Review (USEPA, October 1999). Sample results have been qualified based on the results of the data review process and are considered representative and valid for the purpose of this report.

The EM-61 results were provided as a color enhanced contour map for use in the field during soil boring installation. The map differentiates areas interpreted as background from areas of relatively high EM responses that are generally indicative of large buried metal objects or surface or near-surface features (e.g. suspected underground utilities, guard rail, fence).

The EM-61 results for Parcel 17 indicate that the majority of the surveyed area is characterized by widespread areas of elevated responses. These results appear to indicate that reinforcement underneath the asphalt surface is relatively continuous across the majority of the parcel. As a result, GPR served as the primary investigative method for locating potential USTs at Parcel 17 and was utilized across the full extents of the accessible portions of the parcel to further evaluate the potential presence of USTs. The GPR survey did not identify patterns typically associated with USTs on Parcel 17.

A total of 11 soil borings were advanced to a depth of 12 ft bgs during the PSA investigation at Parcel 17. Boring locations are shown in **Figure 3** and the Unified Soil Classification System (USCS) lithology is summarized in **Table 1**. The soil was described as predominantly light brown, loose, silty sand. Groundwater was not encountered in any of the soil borings.

Soil headspace screening did not detect organic vapors in any of the soil borings as summarized on **Table 1**. Laboratory results of the soil samples collected for TPH (DRO and GRO) analysis were not detected above the laboratory detection limit. The analytical data is summarized in **Table 1** and the laboratory report is included in **Appendix A**.

This geophysical investigation was conducted in accordance with reasonable and accepted engineering geophysics practices, and the interpretations and conclusions are rendered in a manner consistent with other consultants in our profession. All geophysical techniques have some level of uncertainty and limitations. No other representations of the reported information is expressed or implied, and no warranty or guarantee is included or intended.

United States Environmental Protection Agency, Contract Laboratory Program National Functional Guidelines for Organic Data Review, 1999

North Carolina Department of Transportation, Request for Technical and Cost Proposal, Preliminary Site Assessment, Parcel 17, Matthews Family Property, February 20, 2008

URS Corporation – North Carolina, Technical and Cost Proposal entitled: Revised Technical and Cost Proposal, Preliminary Site Assessment, Parcel 17, Matthews Family Property, March 7, 2008

North Carolina Department of Transportation, Notice to Proceed - Preliminary Site Assessment, Parcel 17, Matthews Family Property, March 7, 2008

Tables

Table 1
SUMMARY OF SOIL ANALYTICAL RESULTS
PARCEL 17
MATTHEWS FAMILY PROPERTY
176 EAST KING STREET
BOONE, WATAUGA COUNTY, NORTH CAROLINA

LOCATION	DATE	DEPTH (ft bgs)	FIELD SCREENING PID (ppm)	LABORATORY ANALYSES		USCS LITHOLOGY
				TPH	RANGE ORGANICS	
				GRO (mg/kg)	DRO (mg/kg)	
P17-1	04/10/08	2.	ND	-	-	SM
		4.	ND	-	-	
		6.	ND	-	-	
		8.	ND	-	-	
		10.	ND	-	-	
		12.	ND	ND (3.9)	ND (1.4)	
P17-2	04/10/08	2.	ND	-	-	SM
		4.	ND	-	-	
		6.	ND	-	-	
		8.	ND	-	-	
		10.	ND	-	-	
		12.	ND	ND (3.5)	ND (1.3)	
P17-3	04/10/08	2.	ND	-	-	SM
		4.	ND	-	-	
		6.	ND	-	-	
		8.	ND	-	-	
		10.	ND	-	-	
		12.	ND	ND (3.8)	ND (1.4)	
P17-4	04/10/08	2.	ND	-	-	SM
		4.	ND	-	-	
		6.	ND	-	-	
		8.	ND	-	-	
		10.	ND	-	-	
		12.	ND	ND (4.1)	ND (1.5)	
P17-5	04/10/08	2.	ND	-	-	SM
		4.	ND	-	-	
		6.	ND	-	-	
		8.	ND	-	-	
		10.	ND	-	-	
		12.	ND	ND (4.0)	ND (1.4)	
P17-6	04/10/08	2.	ND	-	-	SM
		4.	ND	-	-	
		6.	ND	-	-	
		8.	ND	-	-	
		10.	ND	-	-	
		12.	ND	ND (3.7)	ND (1.3)	
P17-7	04/10/08	2.	ND	-	-	SM
		4.	ND	-	-	
		6.	ND	-	-	
		8.	ND	-	-	
		10.	ND	-	-	
		12.	ND	ND (3.8)	ND (1.4)	

Table 1
SUMMARY OF SOIL ANALYTICAL RESULTS
PARCEL 17
MATTHEWS FAMILY PROPERTY
176 EAST KING STREET
BOONE, WATAUGA COUNTY, NORTH CAROLINA

LOCATION	DATE	DEPTH (ft bgs)	FIELD SCREENING PID (ppm)	LABORATORY ANALYSES		USCS LITHOLOGY
				GRO (mg/kg)	DRO (mg/kg)	
P17-8	04/11/08	2.	ND	-	-	SM
		4.	ND	-	-	
		6.	ND	-	-	
		8.	ND	-	-	
		10.	ND	-	-	
		12.	ND	ND (3.9)	ND (1.4)	
P17-9	04/11/08	2.	ND	-	-	SM
		4.	ND	-	-	
		6.	ND	-	-	
		8.	ND	-	-	
		10.	ND	-	-	
		12.	ND	ND (3.8)	ND (1.4)	
P17-10	04/11/08	2.	ND	-	-	SM
		4.	ND	-	-	
		6.	ND	-	-	
		8.	ND	-	-	
		10.	ND	-	-	
		12.	ND	ND (3.9)	ND (1.4)	
P17-11	04/11/08	2.	ND	-	-	SM
		4.	ND	-	-	
		6.	ND	-	-	
		8.	ND	-	-	
		10.	ND	-	-	
		12.	ND	ND (4.3)	ND (1.5)	

NCDENR UST Section Action Levels: 10 10
NCDENR Non-UST Petroleum Action Levels: 10 40

LEGEND:

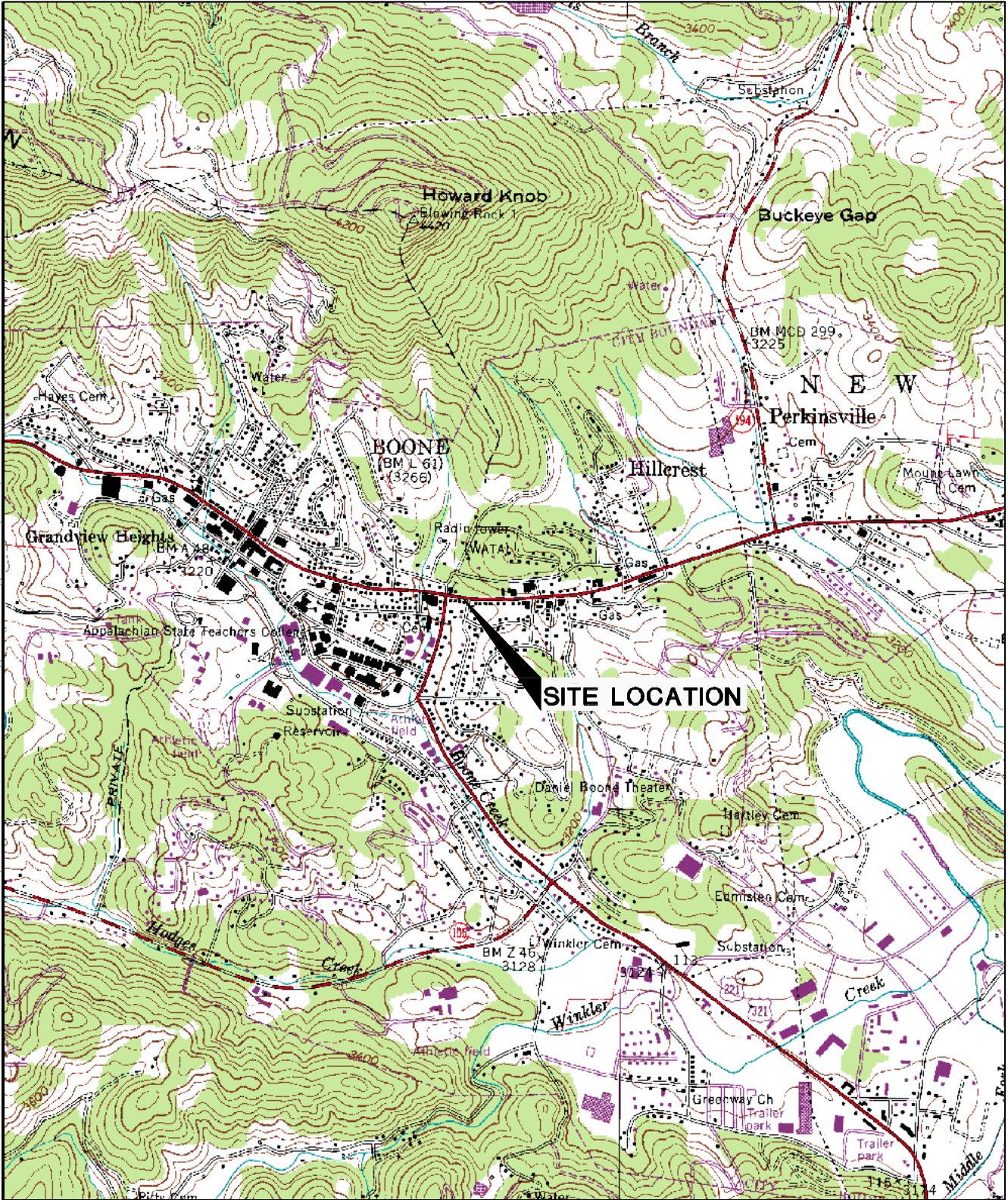
ft bgs - feet below ground surface
mg/Kg - milligrams per kilogram
ppm - parts per million
PID - Photo Ionization Detector (field screening results)
TPH - Total Petroleum Hydrocarbons
DRO - Diesel Range Organics (determined by laboratory via EPA Method 8015B)
GRO - Gasoline Range Organics (determined by laboratory via EPA Method 8015B)
ND(7.3) - Not Detected above the indicated detection limit
USCS - Unified Soil Classification System.

NOTES:

Soil samples were collected by URS on the dates shown.
All results reported on a dry-weight basis.
Action Levels were taken from the NCDENR UST Section, *Guidelines for Assessment and Corrective Action* (NCDENR, UST Section, July 2001) and *Guidelines for the Investigation and Remediation of Contamination from Non-UST Petroleum Releases* (NCDENR, UST Section, July 2007).

Figures

P:\Common Projects\NC\DOT\3182_5704_Boone_PSA\6.0_Graphics\6.3 - AutoCad\Figure 1.dwg May 28, 2008 - 1:50 PM



SITE LOCATION

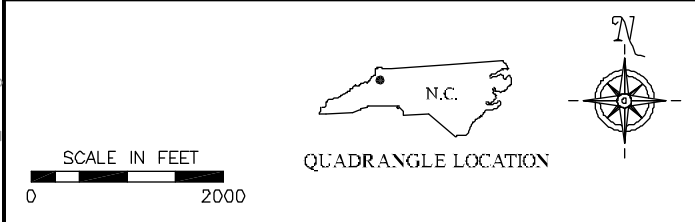
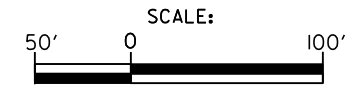


FIGURE 1. LOCATION MAP
PARCEL 17, 176 E. KING STREET
BOONE, NORTH CAROLINA

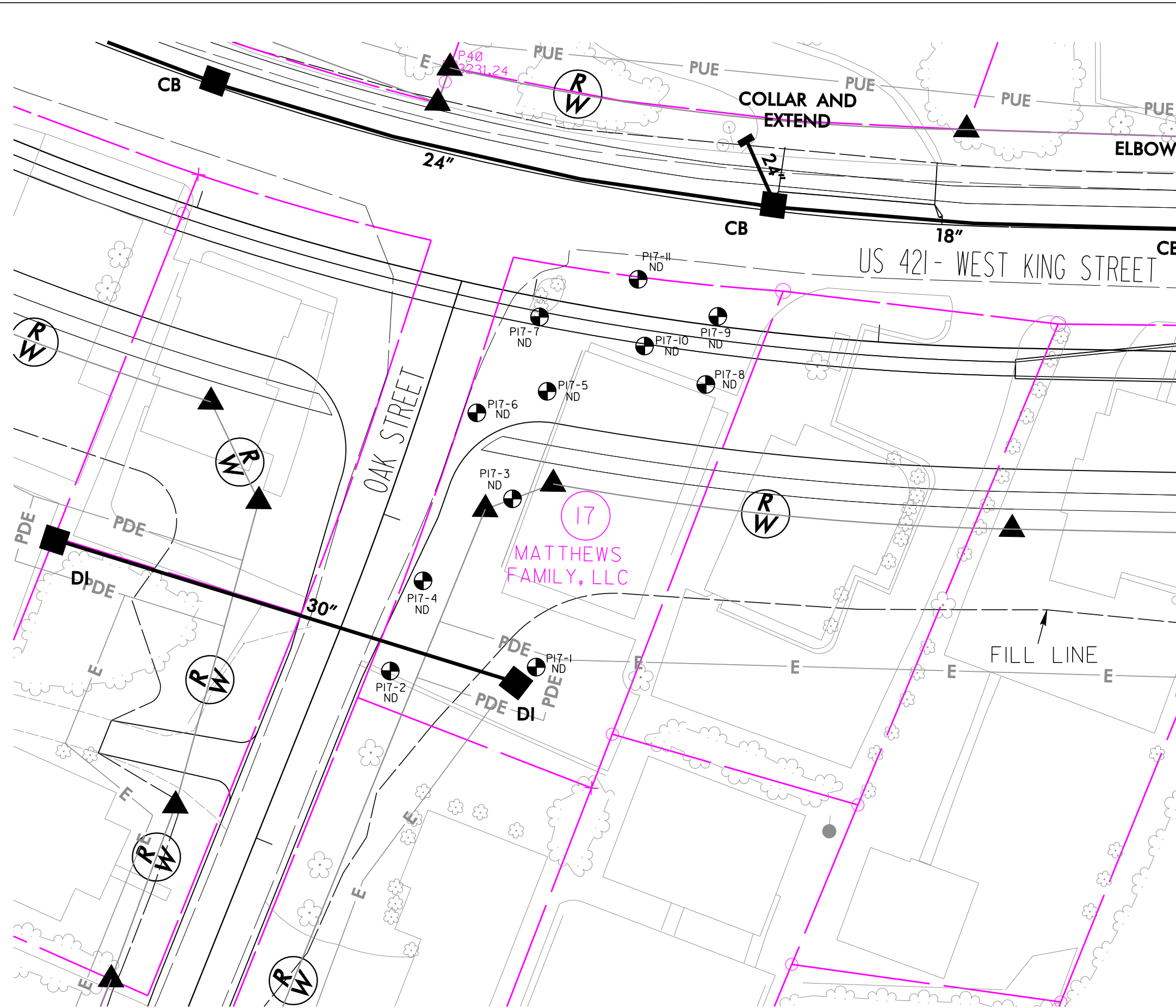
Prepared for:		URS RDU, NORTH CAROLINA 27560	Fig. 1
NC DOT			
DRAWN BY:	TSH		
DATE:	05/01/08		
PROJECT NO.	31825704		

SOURCE: USGS 7.5' TOPOGRAPHIC QUADRANGLE
 BOONE, NC - DATED 1959, PHOTOREVISED 1978



US 421 WIDENING PROJECT FROM US 221 TO US 321 BOONE, NORTH CAROLINA		
URS Corporation - North Carolina 1600 Perimeter Park Drive Morrisville, North Carolina 27560 TELEPHONE (919) 461-1100 FAX (919) 461-1415		
DRN BY: SMS	DATE: 5-26-08	STATE PROJECT:
CHECKED BY: VK	DATE: 5-27-08	U-4020
PARCEL LOCATION MAP		FIGURE FIG-02

P:\Common Projects\NCDOT\31825704 boone psos\ 6.0 graphics\ 6.2 - microstation\parcel sheets\parcel15_figure03.dgn

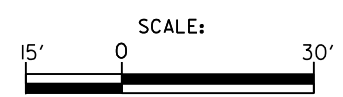


LEGEND

- PI7-I - SOIL BORING LOCATION
- PROPOSED RIGHT-OF-WAY
- PROPOSED EASEMENT
- PROPOSED DRAINAGE STRUCTURE

NOTES

ND - TPH NOT DETECTED ABOVE THE METHOD DETECTION LIMIT



<p>PARCEL 17 MATTHEWS FAMILY PROPERTY 176 EAST KING STREET BOONE, NORTH CAROLINA</p>		
<p><i>URS Corporation - North Carolina</i> 1600 Perimeter Park Drive Morrisville, North Carolina 27560 TELEPHONE (919) 461-1100 FAX (919) 461-1415</p>		
DRN BY: SMS	DATE: 5-26-08	STATE PROJECT:
CHECKED BY: VK	DATE: 5-27-08	U-4020
SOIL SAMPLING LOCATIONS		FIGURE FIG-03

Appendix A
Laboratory Report



Case Narrative

Date: 04/28/08
Company: N. C. Department of Transportation
Contact: Martha Meyers-Lee
Address: c/o URS
1600 Perimeter Park Dr. Suite 400
Morrisville, NC 27560

Client Project ID: NCDOT: Boone - Parcel 17
Prism COC Group No: G0408355
Collection Date(s): 4/10/2008 thru 4/11/2008
Lab Submittal Date(s): 04/11/08

Client Project Name Or No: State Project: U-4020/ 176 E. King

This data package contains the analytical results for the project identified above and includes a Case Narrative, Laboratory Report and Quality Control Data totaling 13 pages. A chain-of-custody is also attached for the samples submitted to Prism for this project.

Data qualifiers are flagged individually on each sample. A key reference for the data qualifiers appears at the end of this case narrative. Quality control statements and/or sample specific remarks are included in the sample comments section of the laboratory report for each sample affected.

Semi Volatile Analysis

No Anomalies Reported

Volatile Analysis

No Anomalies Reported

Metals Analysis

N/A

Wet Lab and Micro Analysis

N/A

Please call if you have any questions relating to this analytical report.

Date Reviewed by: Robbi A. Jones

Project Manager: Robbi A. Jones

Signature:

Signature:

Review Date: 04/28/08

Approval Date: 04/28/08

Data Qualifiers Key Reference:

- B: Compound also detected in the method blank.
- #: Result outside of the QC limits.
- DO: Compound diluted out.
- E: Estimated concentration, calibration range exceeded.
- J: The analyte was positively identified but the value is estimated below the reporting limit.
- H: Estimated concentration with a high bias.
- L: Estimated concentration with a low bias.
- M: A matrix effect is present.

Notes: This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc. The results in this report relate only to the samples submitted for analysis.



NC Certification No. 402
 SC Certification No. 99012.
 NC Drinking Water Cert. No. 37735

Laboratory Report

04/28/08

N. C. Department of Transportation
 Attn: Martha Meyers-Lee
 c/o URS
 1600 Perimeter Park Dr. Suite 400
 Morrisville, NC 27560

Project Name: State Project: U-4020/
 176 E. King St. Client Sample ID: P17-1-12
 Prism Sample ID: 211328
 Project ID: NCDOT: Boone - Parcel
 17 COC Group: G0408355
 Project No.: WBS# 35015.1.1 Time Collected: 04/10/08 13:50
 Sample Matrix: Soil Time Submitted: 04/11/08 16:15

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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Percent Solids Determination

Percent Solids	81.0	%			1	SM2540 G	04/16/08 15:15	mbarber	
----------------	------	---	--	--	---	----------	----------------	---------	--

Diesel Range Organics (DRO) by GC-FID

Diesel Range Organics (DRO)	BRL	mg/kg	8.6	1.4	1	8015B	04/25/08 17:10	jvoegel	Q32010
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Sample Preparation: 25.04 g / 1 mL 3545 04/24/08 16:50 wconder P21436

Surrogate	% Recovery	Control Limits
o-Terphenyl	76	49 - 124

Sample Weight Determination

Weight 1	5.64	g			1	GRO	04/21/08 0:00	Athao	
Weight 2	5.96	g			1	GRO	04/21/08 0:00	Athao	

Gasoline Range Organics (GRO) by GC-FID

Gasoline Range Organics (GRO)	BRL	mg/kg	6.2	3.9	50	8015B	04/20/08 22:50	wbradley	Q31861
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Surrogate	% Recovery	Control Limits
aaa-TFT	65	55 - 129

Sample Comment(s):

BRL = Below Reporting Limit
 J- Estimated value between the Reporting Limit and the MDL
 The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.
 All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services



NC Certification No. 402
 SC Certification No. 99012
 NC Drinking Water Cert. No. 37735

Laboratory Report

04/28/08

N. C. Department of Transportation
 Attn: Martha Meyers-Lee
 c/o URS
 1600 Perimeter Park Dr. Suite 400
 Morrisville, NC 27560

Project Name: State Project: U-4020/
 176 E. King St. Client Sample ID: P17-2-12
 Prism Sample ID: 211329
 Project ID: NCDOT: Boone - Parcel
 17 COC Group: G0408355
 Project No.: WBS# 35015.1.1 Time Collected: 04/10/08 14:10
 Sample Matrix: Soil Time Submitted: 04/11/08 16:15

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
-----------	--------	-------	--------------	-----	-----------------	--------	--------------------	---------	----------

Percent Solids Determination

Percent Solids	89.3	%			1	SM2540 G	04/16/08 15:15	mbarber	
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Diesel Range Organics (DRO) by GC-FID

Diesel Range Organics (DRO)	BRL	mg/kg	7.8	1.3	1	8015B	04/25/08 17:46	jvogel	Q32010
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Sample Preparation: 25.06 g / 1 mL 3545 04/24/08 16:50 wconder P21436

Surrogate	% Recovery	Control Limits
o-Terphenyl	68	49 - 124

Sample Weight Determination

Weight 1	5.03	g			1	GRO	04/21/08 0:00	Athao	
Weight 2	5.31	g			1	GRO	04/21/08 0:00	Athao	

Gasoline Range Organics (GRO) by GC-FID

Gasoline Range Organics (GRO)	BRL	mg/kg	5.6	3.5	50	8015B	04/20/08 23:52	wbradley	Q31861
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Surrogate	% Recovery	Control Limits
aaa-TFT	57	55 - 129

Sample Comment(s):

BRL = Below Reporting Limit
 J- Estimated value between the Reporting Limit and the MDL
 The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.
 All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services



NC Certification No. 402
 SC Certification No. 99012
 NC Drinking Water Cert. No. 37735

Laboratory Report

04/28/08

N. C. Department of Transportation
 Attn: Martha Meyers-Lee
 c/o URS
 1600 Perimeter Park Dr. Suite 400
 Morrisville, NC 27560

Project Name: State Project: U-4020/
 176 E. King St. Client Sample ID: P17-3-12
 Prism Sample ID: 211330
 Project ID: NCDOT: Boone - Parcel
 17 COC Group: G0408355
 Project No.: WBS# 35015.1.1 Time Collected: 04/10/08 14:40
 Sample Matrix: Soil Time Submitted: 04/11/08 16:15

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
-----------	--------	-------	--------------	-----	-----------------	--------	--------------------	---------	----------

Percent Solids Determination

Percent Solids	81.6	%			1	SM2540 G	04/16/08 15:15	mbarber	
----------------	------	---	--	--	---	----------	----------------	---------	--

Diesel Range Organics (DRO) by GC-FID

Diesel Range Organics (DRO)	BRL	mg/kg	8.5	1.4	1	8015B	04/25/08 18:57	jvogel	Q32010
-----------------------------	-----	-------	-----	-----	---	-------	----------------	--------	--------

Sample Preparation: 25.27 g / 1 mL 3545 04/24/08 16:50 wconder P21436

Surrogate	% Recovery	Control Limits
o-Terphenyl	71	49 - 124

Sample Weight Determination

Weight 1	5.31	g			1	GRO	04/21/08 0:00	Athao	
Weight 2	4.40	g			1	GRO	04/21/08 0:00	Athao	

Gasoline Range Organics (GRO) by GC-FID

Gasoline Range Organics (GRO)	BRL	mg/kg	6.1	3.8	50	8015B	04/21/08 0:24	wbradley	Q31861
-------------------------------	-----	-------	-----	-----	----	-------	---------------	----------	--------

Surrogate	% Recovery	Control Limits
aaa-TFT	57	55 - 129

Sample Comment(s):

BRL = Below Reporting Limit

J- Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

This report should not be reproduced, except in its entirety, without the written consent of Prism Laboratories, Inc.

449 Springbrook Road - P.O. Box 240543 - Charlotte, NC 28224-0543

Phone: 704/529-6364 - Toll Free Number: 1-800/529-6364 - Fax: 704/525-0409



NC Certification No. 402
 SC Certification No. 99012
 NC Drinking Water Cert. No. 37735

Laboratory Report

04/28/08

N. C. Department of Transportation
 Attn: Martha Meyers-Lee
 c/o URS
 1600 Perimeter Park Dr. Suite 400
 Morrisville, NC 27560

Project Name: State Project: U-4020/
 176 E. King St. Client Sample ID: P17-4-12
 Prism Sample ID: 211331
 Project ID: NCDOT: Boone - Parcel
 17 COC Group: G0408355
 Project No.: WBS# 35015.1.1 Time Collected: 04/10/08 15:00
 Sample Matrix: Soil Time Submitted: 04/11/08 16:15

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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Percent Solids Determination

Percent Solids	77.0	%			1	SM2540 G	04/16/08 15:15	mbarber	
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Diesel Range Organics (DRO) by GC-FID

Diesel Range Organics (DRO)	BRL	mg/kg	9.1	1.5	1	8015B	04/25/08 19:33	jvogel	Q32010
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Sample Preparation: 25 g / 1 mL 3545 04/24/08 16:50 wconder P21436

Surrogate	% Recovery	Control Limits
o-Terphenyl	61	49 - 124

Sample Weight Determination

Weight 1	5.66	g			1	GRO	04/21/08 0:00	Athao	
Weight 2	4.89	g			1	GRO	04/21/08 0:00	Athao	

Gasoline Range Organics (GRO) by GC-FID

Gasoline Range Organics (GRO)	BRL	mg/kg	6.5	4.1	50	8015B	04/21/08 0:56	wbradley	Q31861
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Surrogate	% Recovery	Control Limits
aaa-TFT	57	55 - 129

Sample Comment(s):

BRL = Below Reporting Limit
 J- Estimated value between the Reporting Limit and the MDL
 The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.
 All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services



NC Certification No. 402
 SC Certification No. 99012
 NC Drinking Water Cert. No. 37735

Laboratory Report

04/28/08

N. C. Department of Transportation
 Attn: Martha Meyers-Lee
 c/o URS
 1600 Perimeter Park Dr. Suite 400
 Morrisville, NC 27560

Project Name: State Project: U-4020/
 176 E. King St.
 Project ID: NCDOT: Boone - Parcel
 17
 Project No.: WBS# 35015.1.1
 Sample Matrix: Soil

Client Sample ID: P17-5-12
 Prism Sample ID: 211332
 COC Group: G0408355
 Time Collected: 04/10/08 15:30
 Time Submitted: 04/11/08 16:15

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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Percent Solids Determination

Percent Solids	79.2	%			1	SM2540 G	04/16/08 15:15	mbarber	
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Diesel Range Organics (DRO) by GC-FID

Diesel Range Organics (DRO)	BRL	mg/kg	8.8	1.4	1	8015B	04/25/08 20:09	jvogel	Q32010
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Sample Preparation: 25.04 g / 1 mL 3545 04/24/08 16:50 wconder P21436

Surrogate	% Recovery	Control Limits
o-Terphenyl	77	49 - 124

Sample Weight Determination

Weight 1	5.15	g			1	GRO	04/21/08 0:00	Athao	
Weight 2	5.00	g			1	GRO	04/21/08 0:00	Athao	

Gasoline Range Organics (GRO) by GC-FID

Gasoline Range Organics (GRO)	BRL	mg/kg	6.3	4.0	50	8015B	04/21/08 1:27	wbradley	Q31861
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Surrogate	% Recovery	Control Limits
aaa-TFT	55	55 - 129

Sample Comment(s):

BRL = Below Reporting Limit
 J- Estimated value between the Reporting Limit and the MDL
 The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.
 All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

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NC Certification No. 402
 SC Certification No. 99012
 NC Drinking Water Cert. No. 37735

Laboratory Report

04/28/08

N. C. Department of Transportation
 Attn: Martha Meyers-Lee
 c/o URS
 1600 Perimeter Park Dr. Suite 400
 Morrisville, NC 27560

Project Name: State Project: U-4020/
 176 E. King St.
 Project ID: NCDOT: Boone - Parcel
 17
 Project No.: WBS# 35015.1.1
 Sample Matrix: Soil

Client Sample ID: P17-6-12
 Prism Sample ID: 211333
 COC Group: G0408355
 Time Collected: 04/10/08 16:00
 Time Submitted: 04/11/08 16:15

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	83.5	%			1	SM2540 G	04/16/08 15:15	mbarber	
Diesel Range Organics (DRO) by GC-FID									
Diesel Range Organics (DRO)	BRL	mg/kg	8.2	1.3	1	8015B	04/25/08 20:45	jvogel	Q32010
Sample Preparation:			25.43 g	/	1 mL	3545	04/24/08 16:50	wconder	P21436
		Surrogate		% Recovery		Control Limits			
		o-Terphenyl		73		49 - 124			
Sample Weight Determination									
Weight 1	5.14	g			1	GRO	04/21/08 0:00	Athao	
Weight 2	4.80	g			1	GRO	04/21/08 0:00	Athao	
Gasoline Range Organics (GRO) by GC-FID									
Gasoline Range Organics (GRO)	BRL	mg/kg	6.0	3.7	50	8015B	04/21/08 1:58	wbradley	Q31861
		Surrogate		% Recovery		Control Limits			
		aaa-TFT		55		55 - 129			

Sample Comment(s):

BRL = Below Reporting Limit

J- Estimated value between the Reporting Limit and the MDL

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Angela D. Overcash, V.P. Laboratory Services



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Laboratory Report

04/28/08

N. C. Department of Transportation
 Attn: Martha Meyers-Lee
 c/o URS
 1600 Perimeter Park Dr. Suite 400
 Morrisville, NC 27560

Project Name: State Project: U-4020/
 176 E. King St. Client Sample ID: P17-7-12
 Prism Sample ID: 211334
 Project ID: NCDOT: Boone - Parcel
 17 COC Group: G0408355
 Project No.: WBS# 35015.1.1 Time Collected: 04/10/08 16:25
 Sample Matrix: Soil Time Submitted: 04/11/08 16:15

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	83.0	%			1	SM2540 G	04/16/08 15:15	mbarber	
Diesel Range Organics (DRO) by GC-FID									
Diesel Range Organics (DRO)	BRL	mg/kg	8.4	1.4	1	8015B	04/25/08 21:20	jvogel	Q32010
Sample Preparation:			25.16 g	/	1 mL	3545	04/24/08 16:50	wconder	P21436
				Surrogate		% Recovery		Control Limits	
				o-Terphenyl		71		49 - 124	
Sample Weight Determination									
Weight 1	4.95	g			1	GRO	04/21/08 0:00	Athao	
Weight 2	4.95	g			1	GRO	04/21/08 0:00	Athao	
Gasoline Range Organics (GRO) by GC-FID									
Gasoline Range Organics (GRO)	BRL	mg/kg	6.0	3.8	50	8015B	04/21/08 13:00	wbradley	Q31861
				Surrogate		% Recovery		Control Limits	
				aaa-TFT		70		55 - 129	

Sample Comment(s):

BRL = Below Reporting Limit

J- Estimated value between the Reporting Limit and the MDL

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Angela D. Overcash, V.P. Laboratory Services

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NC Certification No. 402
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Laboratory Report

04/28/08

N. C. Department of Transportation
 Attn: Martha Meyers-Lee
 c/o URS
 1600 Perimeter Park Dr. Suite 400
 Morrisville, NC 27560

Project Name: State Project: U-4020/
 176 E. King St. Client Sample ID: P17-8-12
 Prism Sample ID: 211335
 Project ID: NCDOT: Boone - Parcel
 17 COC Group: G0408355
 Project No.: WBS# 35015.1.1 Time Collected: 04/11/08 8:15
 Sample Matrix: Soil Time Submitted: 04/11/08 16:15

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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Percent Solids Determination

Percent Solids	80.3	%			1	SM2540 G	04/17/08 14:00	mbarber	
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Diesel Range Organics (DRO) by GC-FID

Diesel Range Organics (DRO)	BRL	mg/kg	8.6	1.4	1	8015B	04/25/08 21:56	jvogel	Q32010
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Sample Preparation: 25.21 g / 1 mL 3545 04/24/08 16:50 wconder P21436

Surrogate	% Recovery	Control Limits
o-Terphenyl	81	49 - 124

Sample Weight Determination

Weight 1	5.65	g			1	GRO	04/21/08 0:00	Athao	
Weight 2	4.81	g			1	GRO	04/21/08 0:00	Athao	

Gasoline Range Organics (GRO) by GC-FID

Gasoline Range Organics (GRO)	BRL	mg/kg	6.2	3.9	50	8015B	04/21/08 14:09	wbradley	Q31861
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Surrogate	% Recovery	Control Limits
aaa-TFT	71	55 - 129

Sample Comment(s):

BRL = Below Reporting Limit
 J- Estimated value between the Reporting Limit and the MDL
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 All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services



NC Certification No. 402
 SC Certification No. 99012
 NC Drinking Water Cert. No. 37735

Laboratory Report

04/28/08

N. C. Department of Transportation
 Attn: Martha Meyers-Lee
 c/o URS
 1600 Perimeter Park Dr. Suite 400
 Morrisville, NC 27560

Project Name: State Project: U-4020/
 176 E. King St. Client Sample ID: P17-9-12
 Prism Sample ID: 211336
 Project ID: NCDOT: Boone - Parcel
 17 COC Group: G0408355
 Project No.: WBS# 35015.1.1 Time Collected: 04/11/08 8:35
 Sample Matrix: Soil Time Submitted: 04/11/08 16:15

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	82.1	%			1	SM2540 G	04/17/08 14:00	mbarber	
Diesel Range Organics (DRO) by GC-FID									
Diesel Range Organics (DRO)	BRL	mg/kg	8.5	1.4	1	8015B	04/25/08 22:32	jvoegel	Q32010
Sample Preparation:			25.17 g	/	1 mL	3545	04/24/08 16:50	wconder	P21436
				Surrogate		% Recovery		Control Limits	
				o-Terphenyl		63		49 - 124	
Sample Weight Determination									
Weight 1	6.33	g			1	GRO	04/21/08 0:00	Athao	
Weight 2	6.46	g			1	GRO	04/21/08 0:00	Athao	
Gasoline Range Organics (GRO) by GC-FID									
Gasoline Range Organics (GRO)	BRL	mg/kg	6.1	3.8	50	8015B	04/21/08 14:40	wbradley	Q31861
				Surrogate		% Recovery		Control Limits	
				aaa-TFT		81		55 - 129	

Sample Comment(s):

BRL = Below Reporting Limit

J- Estimated value between the Reporting Limit and the MDL

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All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services



NC Certification No. 402
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 NC Drinking Water Cert. No. 37735

Laboratory Report

04/28/08

N. C. Department of Transportation
 Attn: Martha Meyers-Lee
 c/o URS
 1600 Perimeter Park Dr. Suite 400
 Morrisville, NC 27560

Project Name: State Project: U-4020/
 176 E. King St.
 Project ID: NCDOT: Boone - Parcel
 17
 Project No.: WBS# 35015.1.1
 Sample Matrix: Soil

Client Sample ID: P17-10-12
 Prism Sample ID: 211337
 COC Group: G0408355
 Time Collected: 04/11/08 8:55
 Time Submitted: 04/11/08 16:15

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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Percent Solids Determination

Percent Solids	81.1	%			1	SM2540 G	04/17/08 14:00	mbarber	
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Diesel Range Organics (DRO) by GC-FID

Diesel Range Organics (DRO)	BRL	mg/kg	8.6	1.4	1	8015B	04/25/08 23:08	jvogel	Q32010
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Sample Preparation:			25 g	/	1 mL	3545	04/24/08 16:50	wconder	P21436
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Surrogate	% Recovery	Control Limits
o-Terphenyl	60	49 - 124

Sample Weight Determination

Weight 1	5.11	g			1	GRO	04/21/08 0:00	athao	
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Weight 2	5.31	g			1	GRO	04/21/08 0:00	Athao	
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Gasoline Range Organics (GRO) by GC-FID

Gasoline Range Organics (GRO)	BRL	mg/kg	6.2	3.9	50	8015B	04/21/08 15:12	wbradley	Q31861
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Surrogate	% Recovery	Control Limits
aaa-TFT	87	55 - 129

Sample Comment(s):

BRL = Below Reporting Limit

J- Estimated value between the Reporting Limit and the MDL

The results in this report relate only to the samples submitted for analysis and meet state certification requirements other than NELAC certification except for those instances indicated in the case narrative and/or test comments.

All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

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NC Certification No. 402
 SC Certification No. 99012
 NC Drinking Water Cert. No. 37735

Laboratory Report

04/28/08

N. C. Department of Transportation
 Attn: Martha Meyers-Lee
 c/o URS
 1600 Perimeter Park Dr. Suite 400
 Morrisville, NC 27560

Project Name: State Project: U-4020/
 176 E. King St. Client Sample ID: P17-11-12
 Prism Sample ID: 211338
 Project ID: NCDOT: Boone - Parcel
 17 COC Group: G0408355
 Project No.: WBS# 35015.1.1 Time Collected: 04/11/08 9:20
 Sample Matrix: Soil Time Submitted: 04/11/08 16:15

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
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Percent Solids Determination

Percent Solids	73.4	%			1	SM2540 G	04/17/08 14:00	mbarber	
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Diesel Range Organics (DRO) by GC-FID

Diesel Range Organics (DRO)	BRL	mg/kg	9.5	1.5	1	8015B	04/25/08 23:44	jvogel	Q32010
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Sample Preparation: 25.12 g / 1 mL 3545 04/24/08 16:50 wcoonder P21436

Surrogate	% Recovery	Control Limits
o-Terphenyl	65	49 - 124

Sample Weight Determination

Weight 1	5.28	g			1	GRO	04/21/08 0:00	athao	
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Weight 2	4.97	g			1	GRO	04/21/08 0:00	Athao	
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Gasoline Range Organics (GRO) by GC-FID

Gasoline Range Organics (GRO)	BRL	mg/kg	6.8	4.3	50	8015B	04/21/08 10:01	wbradley	Q31861
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Surrogate	% Recovery	Control Limits
aaa-TFT	83	55 - 129

Sample Comment(s):

BRL = Below Reporting Limit

J- Estimated value between the Reporting Limit and the MDL

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All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

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NC Certification No. 402
 SC Certification No. 99012
 NC Drinking Water Cert. No. 37735

Level II QC Report

04/28/08

N. C. Department of Transportation
 Attn: Martha Meyers-Lee
 c/o URS
 1600 Perimeter Park Dr. Suite 400
 Morrisville, NC 27560

Project Name: State Project: U-4020/
 176 E. King St.
 Project ID: NCDOT: Boone - Parcel
 17
 Project No.: WBS# 35015.1.1

COC Group Number: G0408355
 Date/Time Submitted: 4/11/200 16:15

Gasoline Range Organics (GRO) by GC-FID, method 8015B

Method Blank									
	Result	RL	Control Limit	Units					QC Batch ID
Gasoline Range Organics (GRO)	ND	5	<2.5	mg/kg					Q31861
Laboratory Control Sample									
	Result	Spike Amount		Units	Recovery %	Recovery Ranges %			QC Batch ID
Gasoline Range Organics (GRO)	47.8	50		mg/kg	96	67-116			Q31861
Matrix Spike									
Sample ID:	Result	Spike Amount		Units	Recovery %	Recovery Ranges %			QC Batch ID
211341 Gasoline Range Organics (GRO)	51.7	50		mg/kg	103	57-113			Q31861
Matrix Spike Duplicate									
Sample ID:	Result	Spike Amount		Units	Recovery %	Recovery Ranges %	RPD %	RPD Range %	QC Batch ID
211341 Gasoline Range Organics (GRO)	52.3	50		mg/kg	105	57-113	1	0 - 23	Q31861

Diesel Range Organics (DRO) by GC-FID, method 8015B

Method Blank									
	Result	RL	Control Limit	Units					QC Batch ID
Diesel Range Organics (DRO)	ND	7	<3.5	mg/kg					Q32010
Laboratory Control Sample									
	Result	Spike Amount		Units	Recovery %	Recovery Ranges %			QC Batch ID
Diesel Range Organics (DRO)	49.4	80		mg/kg	62	55-109			Q32010
Matrix Spike									
Sample ID:	Result	Spike Amount		Units	Recovery %	Recovery Ranges %			QC Batch ID
211341 Diesel Range Organics (DRO)	64.1	80		mg/kg	80	50-117			Q32010
Matrix Spike Duplicate									
Sample ID:	Result	Spike Amount		Units	Recovery %	Recovery Ranges %	RPD %	RPD Range %	QC Batch ID
211341 Diesel Range Organics (DRO)	55.7	80		mg/kg	70	50-117	14	0 - 24	Q32010

#-See Case Narrative



Full Service Analytical & Environmental Solutions

449 Springbrook Road • P.O. Box 240543 • Charlotte, NC 28224-0543
Phone: 704/529-6384 • Fax: 704/525-0409

Client Company Name: URS Corporation

Report To/Contact Name: Martha Meyers Lee

Reporting Address: 600 Perimeter Park Dr. Suite 400

Monroeville, NC 27560

Phone: (704) 461-1100 Fax: (919) 461-1415

Email: (Yes) (No) Email Address: Martha.Meyers@URS Corp. Co

EDD Type: PDF Excel Other

Site Location Name: Parcel 17

Site Location Physical Address: 176 E. King St.

CHAIN OF CUSTODY RECORD

PAGE 1 OF 2 QUOTE # TO ENSURE PROPER BILLING:

Project Name: NCDOT: B00AA

Short Hold Analysis: (Yes) (No) UST Project: (Yes) (No)

*Please ATTACH any project specific reporting (QC LEVEL I III IV) provisions and/or QC Requirements

Invoice To: Direct Bill: NCDOT

Address: State Project: V-4020

Purchase Order No./Billing Reference: URS Element 35015.11

Requested Due Date 1 Day 2 Days 3 Days 4 Days 5 Days

"Working Days" 6-9 Days Standard 10 days Rush Work Must Be Pre-Approved

Samples received after 15:00 will be processed next business day.

Turnaround time is based on business days, excluding weekends and holidays.

(SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES RENDERED BY PRISM LABORATORIES, INC. TO CLIENT)

LAB USE ONLY

Samples INTACT upon arrival? YES NO N/A
Received ON WET ICE? Temp 5.2
PROPER PRESERVATIVES indicated?
Received WITHIN HOLDING TIMES?
CUSTODY SEALS INTACT?
VOLATILES rec'd W/OUT HEADSPACE?
PROPER CONTAINERS used?

TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL

Certification: NELAC USACE FL NC

SC OTHER N/A

Water Chlorinated: YES NO

Sample Iced Upon Collection: YES NO

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER OR SLUDGE)	SAMPLE CONTAINER			PRESERVATIVES	ANALYSES REQUESTED	REMARKS	PRISM LAB ID NO.
				*TYPE SEE BELOW	NO.	SIZE				
P17-1-12	4-10-08	1350	Soil	G	4	2 gal 8 oz		THETA DPA 10% COC		211323
P17-2-12	4-10-08	1410			4					211324
P17-3-12	4-10-08	1440			4					211330
P17-4-12	4-10-08	1500			4					211331
P17-5-12	4-10-08	1530			4					211332
P17-6-12	4-10-08	1600			4					211333
P17-7-12	4-10-08	1625			4					211334
P17-8-12	4-11-08	815			4				P17-9-12 + P17-10-12	211335
P17-9-12	4-11-08	835			3				% solids collected with DPA 8 oz jar	211336
P17-10-12	4-11-08	855			3					211337

PRISM USE ONLY

Site Arrival Time:

Site Departure Time:

Field Tech Fee:

Mileage:

Additional Comments:

PRISM USE ONLY

Site Arrival Time:

Site Departure Time:

Field Tech Fee:

Mileage:

Additional Comments:

Sampler's Signature: Michael Meese Affiliation: URS

Sampled By (Print Name): Michael Meese

Received By (Signature): [Signature] Date: 4-11-08 Military/Hours: 1435

Received By (Signature): [Signature] Date: 4-11-08

Received By (Signature): [Signature] Date: 4-11-08 Military/Hours: 1615

Received By (Signature): [Signature] Date: 4-11-08

Received By (Signature): [Signature] Date: 4-11-08 Military/Hours: 1615

Received By (Signature): [Signature] Date: 4-11-08

Received By (Signature): [Signature] Date: 4-11-08 Military/Hours: 1615

Received By (Signature): [Signature] Date: 4-11-08

Received By (Signature): [Signature] Date: 4-11-08 Military/Hours: 1615

Received By (Signature): [Signature] Date: 4-11-08

Received By (Signature): [Signature] Date: 4-11-08 Military/Hours: 1615

Received By (Signature): [Signature] Date: 4-11-08

Received By (Signature): [Signature] Date: 4-11-08 Military/Hours: 1615

Method of Shipment: Fed Ex UPS Hand-delivered Prism Field Service Other

NPDES: NC SC NC NC SC NC SC

GROUNDWATER: NC SC NC SC

DRINKING WATER: NC SC NC SC

SOLID WASTE: NC SC NC SC

RCRA: NC SC NC SC

CERCLA: NC SC NC SC

LANDFILL: NC SC NC SC

OTHER: NC SC NC SC

*CONTAINER TYPE CODES: A = Amber C = Clear G = Glass P = Plastic; TL = Teflon-Lined Cap VOA = Volatile Organics Analysis (Zero Head Space)

SEE REVERSE FOR TERMS & CONDITIONS

ORIGINAL

Full Service Analytical & Environmental Solutions
 449 Springbrook Road • P.O. Box 240543 • Charlotte, NC 28224-0543
 Phone: 704/529-6364 • Fax: 704/525-0409

Client Company Name: URS Corporation
 Report To/Contact Name: Mantha Meers-Lee
 Reporting Address: 600 Raintree Park Dr. Suite 400
Monroville NC
 Phone: (919) 461-1100 Fax: (919) 461-
 Email: (No) Email Address Mantha.Meurs-Lee@urscorp.com
 EDD Type: PDF Excel Other
 Site Location Name: Parcel 17
 Site Location Physical Address: 176 E. King St

CHAIN OF CUSTODY RECORD

PAGE 2 OF 2 QUOTE # TO ENSURE PROPER BILLING:

Project Name: N.CDOT Boone State Project U-4020
 Short Hold Analysis: (Yes) (No) W/S Element 3503111
 *Please ATTACH any project specific reporting (QC LEVEL I II III IV) 3503111
 provisions and/or QC Requirements
 Invoice To: Direct Bill: NCDOT
 Address:

Purchase Order No./Billing Reference W/S Element 3503111
 Requested Due Date 1 Day 2 Days 3 Days 4 Days 5 Days
 "Working Days" 6-9 Days Standard 10 days Rush Work Must Be Pre-Approved
 Samples received after 15:00 will be processed next business day.
 Turnaround time is based on business days, excluding weekends and holidays.
 (SEE REVERSE FOR TERMS & CONDITIONS REGARDING SERVICES RENDERED BY PRISM LABORATORIES, INC. TO CLIENT)

LAB USE ONLY

Samples INTACT upon arrival? YES NO N/A
 Received ON WET ICE? Temp 3-5
 PROPER PRESERVATIVES Indicated?
 Received WITHIN HOLDING TIMES?
 CUSTODY SEALS INTACT?
 VOLATILES rec'd W/OUT HEADSPACE?
 PROPER CONTAINERS used?

TO BE FILLED IN BY CLIENT/SAMPLING PERSONNEL
 Certification: NELAC USACE FL NC
 SC OTHER N/A
 Water Chlorinated: YES NO
 Sample Iced Upon Collection: YES NO

CLIENT SAMPLE DESCRIPTION	DATE COLLECTED	TIME COLLECTED MILITARY HOURS	MATRIX (SOIL, WATER OR SLUDGE)	SAMPLE CONTAINER			PRESERVATIVES	ANALYSES REQUESTED	REMARKS	PRISM LAB ID NO.
				*TYPE SEE BELOW	NO.	SIZE				
P17-11-12	4-11-08	920	Soil	G	3	2-4oz 1-8oz		PHI 2000 PHI 1500 PHI 900 PHI 500		211373 211394

PRESS DOWN FIRMLY - 3 COPIES

Sampler's Signature: Michael Meese Sampled By (Print Name): Michael Meese Affiliation: URS
 Upon relinquishing, this Chain of Custody is your authorization for Prism to proceed with the analyses as requested above. Any changes must be submitted in writing to the Prism Project Manager. There will be charges for any changes after analyses have been initialized.

Relinquished By (Signature): Mantha Meers-Lee Date: 4-11-08 Military/Hours: 1435
 Relinquished By (Signature): Mantha Meers-Lee Date: 4-11-08
 Relinquished By (Signature): Mantha Meers-Lee Date: 4-11-08 COC Group No.: 60403355

Method of Shipment: Fed Ex UPS Hand-delivered Prism Field Service Other

NOTE: ALL SAMPLE COOLERS SHOULD BE TAPED SHUT WITH CUSTODY SEALS FOR TRANSPORTATION TO THE LABORATORY. SAMPLES ARE NOT ACCEPTED AND VERIFIED AGAINST COC UNTIL RECEIVED AT THE LABORATORY.

NPDES: NC SC NC SC NC SC NC SC NC SC NC SC NC SC NC SC

OTHER: NC SC NC SC NC SC NC SC NC SC NC SC NC SC

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PRISM USE ONLY
 Site Arrival Time:
 Site Departure Time:
 Field Tech Fee:
 Mileage:

SEE REVERSE FOR TERMS & CONDITIONS ORIGINAL