Preliminary Site Assessment
John Waistel Hodges Property Parcel #53
& Toyota of Boone Property Parcel #55
Boone, Watauga County, NC

State Project U-4020
WBS Element # 35015.1.1
H&H Job No. ROW-148
May 29, 2008

Hart & Hickman

2923 South Tryon Street
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704-586-0007

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Preliminary Site Assessment Report
John Waistel Hodges Property Parcel #53
& Toyota of Boone Property Parcel #55
Boone, Watauga County, North Carolina
H&H Project ROW-148

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Preliminary Site Assessment Report
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& Toyota of Boone Property Parcel #55
Boone, Watauga County, North Carolina
H&H Project ROW-148

1.0 Introduction

Hart & Hickman, PC (H&H) has prepared this Preliminary Site Assessment (PSA) report documenting assessment activities performed at the John Waistel Hodges property (NC DOT Parcel #53) located on the northeast corner of East King Street (aka US Highway 421) and Chestnut Drive intersection and the Toyota of Boone property (NC DOT Parcel #55) located adjacent to the John Waistel Hodges property in Boone, Watauga County, North Carolina. This assessment was conducted on behalf of the North Carolina Department of Transportation (NC DOT) in accordance with H&H's February 29, 2008 proposal.

The purpose of this assessment was to determine the presence or absence of impacted soil at the subject property in proposed right-of-way construction areas related to the widening of US Highway 421 (State Project U-4020). A site location map is presented as Figure 1, and site maps are presented as Figures 2 and 3. The NC DOT preliminary plan of the US Highway 421 widening area near the John Waistel Hodges property (NC DOT Parcel #53) and Toyota of Boone property (NC DOT Parcel #55) is included in Appendix A.

Based on information provided by NC DOT, the John Waistel Hodges property is operated by Toyota of Boone as a car dealership. The property on the west side of Chestnut Drive is also part of the dealership and may have been utilized for gas station operations in the past. The Toyota of Boone owned property (NC DOT Parcel #55) is located east and north of the John Waistel Hodges property. Because the northwestern corner of Parcel 55 is downgradient of a drycleaners and is in a low area downgradient of the Toyota dealership, H&H collected one soil sample from this area. According to an Environmental Data Resources (EDR) report for the site vicinity, the John Waistel Hodges property and Toyota of Boone property (Parcel #55) do not appear on the North Carolina

Underground Storage Tank (UST) database, and H&H did not observe surface evidence of current USTs or evidence of UST removal on the subject properties.

2.0 Site Assessment

Soil Assessment Field Activities

On April 7, 2008, H&H mobilized to the John Waistel Hodges property to advance five soil borings (53-1 through 53-5) and to the Toyota of Boone property (Parcel #55) to advance one soil boring (55-1). Prior to advancing the soil borings, H&H reviewed the preliminary results of a geophysical survey conducted at the John Waistel property by Schnabel Engineering (Schnabel) on March 11 and March 19, 2008. Schnabel utilized ground penetrating radar (GPR) and electromagnetic (EM) induction technology to identify geophysical anomalies and potential USTs at the site. A Report on Geophysical Surveys (April 28, 2008) prepared by Schnabel documents the results of the survey and is included in Appendix B. The report concludes that geophysical data do not indicate the presence of USTs within the NC DOT target areas.

Prior to installing soil borings, utilities were marked via NC One Call and by DOT's contractor Vaughn and Melton. As an additional precautionary measure against damaging subsurface utility lines, the 0 to 5-foot interval below ground surface (bgs) of each soil boring was installed by hand auger methods. H&H utilized Geologic Exploration of Statesville, North Carolina to advance soil borings 53-1 through 53-5 and 55-1 by direct push technology (DPT) beyond 5-ft bgs. Soil boring locations are shown on Figures 2 and 3, and soil boring logs are included in Appendix C. To facilitate the selection of soil samples for laboratory analysis from these borings, soil was screened continuously for the presence of volatile organic compounds (VOCs) with an organic vapor analyzer (OVA). Additionally, H&H observed the soil for visual and olfactory indications of petroleum impacts. In general, soil samples that exhibited the highest reading on the OVA were selected for laboratory analysis.

H&H collected five soil samples (53-1 @ 2-5 ft; 53-2 @ 5-7 ft; 53-3 @ 4-6 ft; 53-4 @ 5-7 ft; and 53-5 @ 5-7 ft) from Parcel #53 for laboratory analysis. Soil samples are identified by the NC DOT parcel number, soil boring number, and the depth interval in feet. The samples were sent to Prism

Laboratories, Inc. of Charlotte, North Carolina for analysis of total petroleum hydrocarbons (TPH) by EPA Method 8015B for gasoline-range organics (GRO) and diesel-range organics (DRO).

Boring 55-1 was installed into the top of the water table. Based on field screening, no impacts appeared to be present. To further screen this area for potential impacts, one soil sample (55-1 @ 2-5 ft) was collected from the capillary fringe for laboratory analysis of VOCs by EPA Method 8260B and for TPH GRO and TPH DRO.

Sample intervals and analytical results are summarized in Table 1. A laboratory analytical data report and chain-of-custody documentation for this site are provided in Appendix D. The chain-of-custody form includes samples from other nearby properties. The analytical results are discussed below.

3.0 Analytical Results

With the exception of one sample, TPH GRO and TPH DRO were not detected on Parcel 53. TPH DRO was detected above the NC DENR Action Level in sample 53-5 @ 5-7 ft. Sample intervals and analytical results are summarized in Table 1.

Based on laboratory analytical results, impacted soils are present at the southwest corner of the Parcel 53. H&H estimates that there are a total of 220 cubic yards (310 tons) of impacted soil between the soil surface and 10 ft at Parcel 53. Impacts may extend beyond 10 ft depth. The impacted soil is situated between the existing northern curb of East King Street and the proposed utility easement line. DOT plans indicate a proposed fill of 1.5 ft in this area. Because this is a fill area, most of the impacted soil will not likely be disturbed, except for utility and piping installation work and any soil grading work below the existing grade. Impacted soil that is removed should be properly managed and disposed at a permitted facility.

VOCs, TPH GRO, and TPH DRO were not detected in the sample collected from the low area on Parcel 55. Based on these results, impacted soil should not be encountered at this site during NC DOT road work in this area.

4.0 Summary and Regulatory Considerations

H&H has reviewed geophysical survey results for Parcel 53 and collected soil samples at Parcel 53 and Parcel 55. No potential USTs were identified in DOT target areas on these parcels. No impacts were detected in the soil sample collected from Parcel 55. With the exception of one sample, TPH GRO and TPH DRO were not detected on Parcel 53. TPH DRO was detected above the NC DENR Action Level in sample 53-5 @ 5-7 ft. H&H estimates that there are a total of 220 cubic yards (310 tons) of impacted soil between the soil surface and 10 ft at Parcel 53. The impacted soil is situated between the existing northern curb of East King Street and the proposed utility easement line. DOT plans indicate a proposed fill of 1.5 ft in this area. Because this is a fill area, most of the impacted soil will not likely be disturbed, except for utility and piping installation work and any soil grading work below the existing grade. Impacted soil that is removed should be properly managed and disposed at a permitted facility.

5.0 Signature Page

This report was prepared by:

Scott Drury
Staff Engineer for
Hart and Hickman, PC

This report was reviewed by:

Matt Bramblett, PE
Principal and Project Manager for
Hart and Hickman, PC

Table 1
Soil Analytical Results
John Waistel Property (Property #53)
and Toyota of Boone Property (Parcel #55)
Boone, North Carolina
H&H Job No. ROW-148

Sample ID	53-1	53-2	53-3	53-4	53-5	55-1	NC DENR
Sample Depth (ft)	2-5	5-7	4-6	5-7	5-7	5-7	Action
Sample Date	4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008	Levels
Units	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
TPH-DRO/GRO (8015B)							
Diesel-Range Organics (DRO)	<8.8	<8.2	<8.6	<9.0	**33**	<8.4	10
Gasoline Organics (GRO)	<6.3	<6.0	<6.3	<6.5	<6.1	<6.1	10

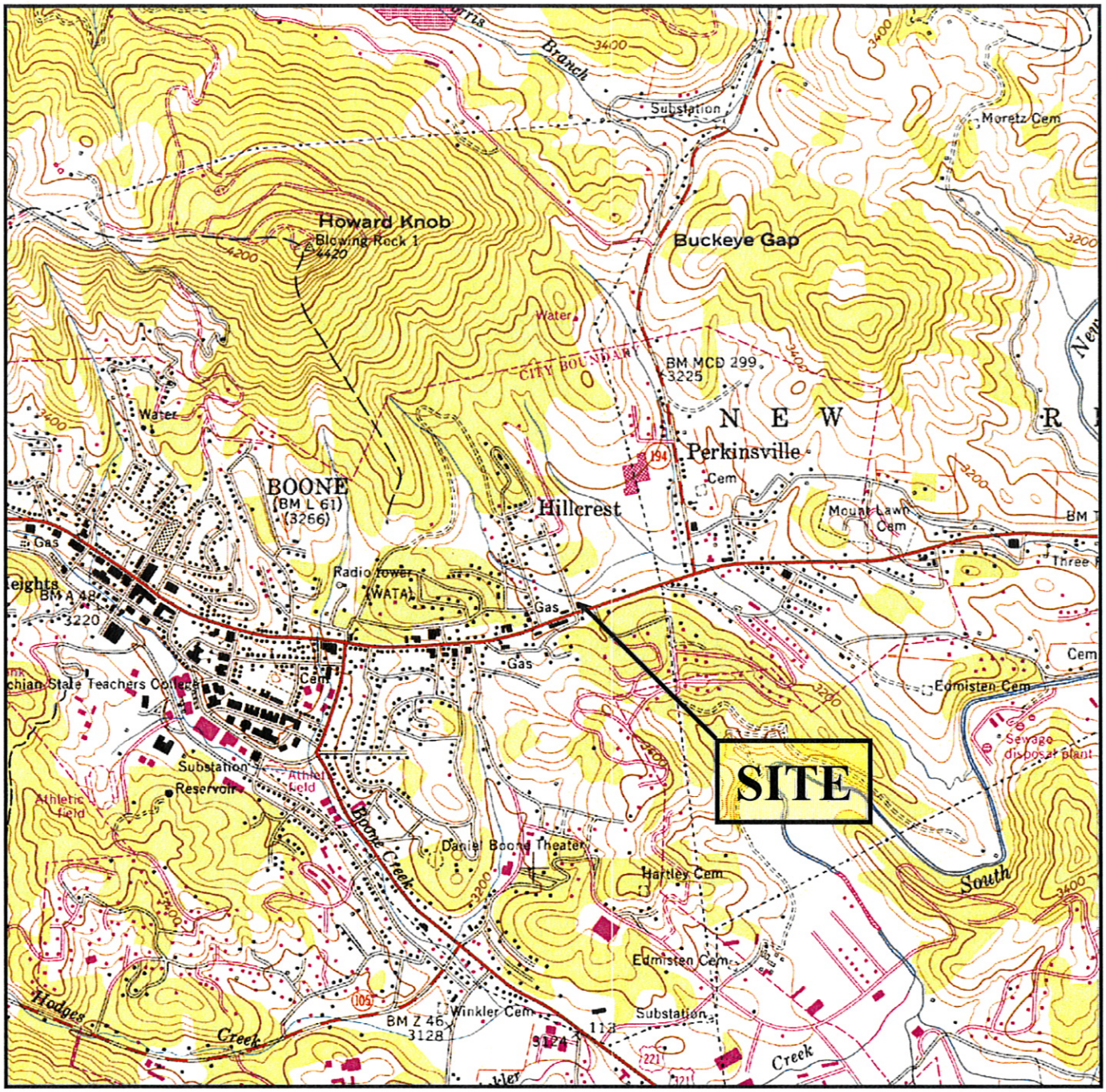
Notes:

EPA Method follows parameter in parenthesis

Bold denotes value in excess of NC DENR Action Levels

Sample 55-1 was also analyzed for VOCs by EPA Method 8260B and no VOCs were detected

TPH = total petroleum hydrocarbons



N

APPROXIMATE

0 2000 4000

SCALE IN FEET

U.S.G.S. QUADRANGLE MAP

BOONE, NC 1959
PHOTOREVISED 1978

QUADRANGLE
7.5 MINUTE SERIES (TOPOGRAPHIC)

TITLE	SITE LOCATION MAP
PROJECT	HODGES and TOYOTA PROPERTIES PARCEL #53 and #55 BOONE, NORTH CAROLINA

Hart & Hickman
A Professional Corporation
2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007 (p) 704-586-0370 (f)

DATE:	4-28-08	REVISION NO:	0
JOB NO:	ROW-148	FIGURE NO:	1

CB

MTL CANOPY

2SBLKBUS

53

51

C

C

F

HILL DRIVE

FOREST

U

U

U

U

CHESTNUT DRIVE

EAST KING STREET

53-2 5-7'
[<6.0] (<8.2)

53-1 2-5'
[<6.1] (<8.4)

53-3 4-6'
[<6.3] (<8.6)

53-4 5-7'
[<6.5] (<9.0)

53-5 5-7'
[<6.7] **(33)**

-L-STA-51+00

LEGEND

PROPERTY LINE

EXISTING RIGHT-OF-WAY

PROPOSED RIGHT-OF-WAY

PROPOSED CUT LINE

PROPOSED FILL LINE

PROPOSED TRANSITION LINE

PROPOSED UTILITY EASEMENT

IMPACTED SOIL AREA

PROPOSED DRAINAGE PIPE

PROPOSED CATCH BASIN

SOIL BORING

53 PARCEL NUMBER

[] = TPH GRO mg/kg

() = TPH DRO mg/kg

BOLD DENOTES EXCEEDANCE OF NCDENR ACTION LEVEL

N

APPROXIMATE
0 30 60
SCALE IN FEET

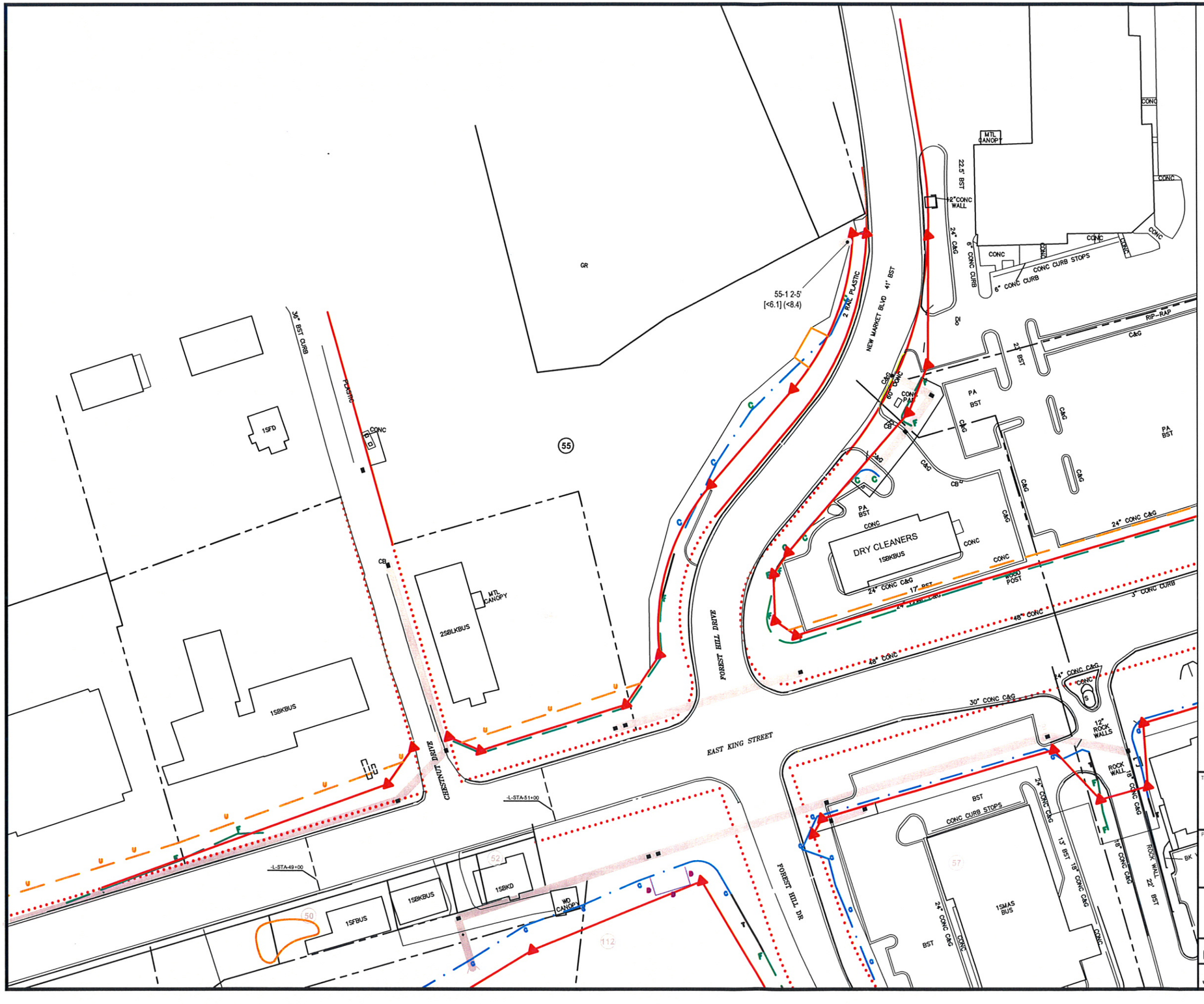
TITLE
SITE MAP AND SOIL ANALYTICAL RESULTS FOR PARCEL 53

PROJECT
JOHN WAISTEL HODGES PROPERTY
PARCEL # 53
BOONE, NORTH CAROLINA

Hart & Hickman
A PROFESSIONAL CORPORATION
2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)

DATE: 4-24-08 | REVISION NO. 0

JOB NO: ROW-148 | FIGURE: 2



S:\AAA-Master Projects\NC DOT Right-of-Way -ROW\ROW-148 Boone PSAs\Files from DOT\Proj\FIGURES\50-54 A.dwg, 55, 5/28/2008 4:44:00 PM, 1:1

LEGEND

- PROPERTY LINE
- EXISTING RIGHT-OF-WAY
- PROPOSED RIGHT-OF-WAY
- -C- PROPOSED CUT LINE
- -F- PROPOSED FILL LINE
- T PROPOSED TRANSITION LINE
- -D- PROPOSED DRAINAGE PIPE
- -U- PROPOSED UTILITY EASEMENT
- IMPACTED SOIL AREA
- PROPOSED DRAINAGE PIPE
- PROPOSED CATCH BASIN
- SOIL BORING
- 55 PARCEL NUMBER
- [] = TPH GRO mg/kg
- () = TPH DRO mg/kg

N

APPROXIMATE
0 80 160
SCALE IN FEET

TITLE
SITE MAP AND SOIL ANALYTICAL RESULTS FOR PARCEL 55

PROJECT
TOYOTA OF BOONE
PARCEL # 55
BOONE, NORTH CAROLINA

Hart & Hickman
A PROFESSIONAL CORPORATION
2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)

DATE: 4-24-08	REVISION NO. 0
JOB NO: ROW-148	FIGURE: 3

Appendix A

NC DOT Preliminary Plan

PROJECT REFERENCE NO. U-4020 | SHEET NO. 7
R/W SHEET NO.
ROADWAY DESIGN ENGINEER | HYDRAULICS ENGINEER

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

SEE SHEET 12 FOR PROFILE OF -L-
SEE SHEET 16 FOR PROFILE OF -Y13R
SEE SHEET 16 FOR PROFILE OF -Y14R
SEE SHEET 15 FOR PROFILE OF -DR4
SEE SHEET 9-H FOR INTERSECTION DETAIL

-Y12-POT 10+00.00

-Y13REV-
PI Sta 18+44.77
D = 57° 41' 03.9" (LT)
D = 40° 55' 32.0"
L = 140.95'
T = 77.10'
R = 140.00'
e = SEE PLANS

PI Sta 15+66.57
D = 50° 14' 20.7" (RT)
D = 23° 52' 23.7"
L = 210.44'
T = 112.52'
R = 240.00'
e = SEE PLANS

-Y13REV-PT 16+64.49

-Y13REV-PC 17+67.67

END CONSTRUCTION
-Y13REV- STA. 15+00.00

-Y12- S 18° 48' 15.2" E

-Y12-POT 13+83.79
-L-POT 50+17.34

480' TRANSITION LEFT

490' TRANSITION RIGHT

-L- PC 50+67.79

-L-
PI Sta 51+75.84
D = 1° 14' 17.2" (RT)
D = 0° 34' 22.6"
L = 216.09'
T = 108.05'
R = 10,000.00'
SE = N.C.

-Y13REV-POT 19+79.71
-L-PC 52+56.05
-Y14REV-POT 10+00.00

-Y14REV-PC 10+79.48

-Y14REV-
PI Sta 12+14.89
D = 33° 43' 10.0" (LT)
D = 12° 50' 20.8"
L = 262.63'
T = 135.24'
R = 446.26'
e = SEE PLANS

END CONSTRUCTION
-Y14REV- STA. 13+00.00

-Y14REV-PT 13+42.11
-Y14REV-POT 13+58.70

-L-POT 52+83.88

-L-POT 55+53.01
-DR4-POT 10+00

-DR4-POT 11+58.11

-Y13REV-PT 19+08.62

N 71° 24' 11.0" E

S 18° 50' 14.8" W

S 17° 36' 05.8" E

S 52° 33' 59.1" E

N 70° 09' 53.8" E

TOYOTA OF BOONE
TOYOTA OF BOONE, INC. NORMAN LEE CHEEK
JOHN WAISTEL HODGES
RWE PROPERTIES, LLC
KB REALTY INVESTMENTS, LLC
KENNETH BUDDY WOOD, ET UX
WOOD MASONRY SUPPLY
KENNETH BUDDY WOOD
ROBERT LEE DUNNIGAN
VALLE CAPITAL GROUP, LLC
JAMUS LIMITED PARTNERSHIP NO. 3

PROPOSED RETAINING WALL
PROPOSED GUARDRAIL
TIEBACKS LIMITS
TIEBACKS
BEGIN RETAIN WALL
CONC CURB STOPS
8"X18" CURB
CHESTNUT DR
36' DRIVE
FOREST HILL DR
NEW MARKET BLVD
US 421 US 221 NC 194 E KING ST 45' BST

5" MONOLITHIC CONC. ISLAND
4" CONC. SIDEWALK

S:\AAA-Master Projects\NC DOT Right-of-Way -ROW\ROW-148 Boone PSAs\Files from DOT\Proj\FIGURES\7Blind.dwg, Model, 5/28/2008 1:07:08 PM, 1:79.314

Appendix B

Schnabel Engineering Reports of Geophysical Services

Schnabel Engineering South

11-A Oak Branch Drive
Greensboro, NC 27407

Phone (336) 274-9456
Fax (336) 274-9486
www.schnabel-eng.com

April 28, 2008

Mr. Matt Bramblett, PE
Hart & Hickman, PC
2923 South Tryon Street, Suite 100
Charlotte, NC 28203

RE: State Project: U-4020
WBS Element: 35015.1.1
County: Watauga
Description: US 421 (King Street) from US 321 (Hardin Street) to east of NC 194 (Jefferson Road) in Boone

SUBJECT: Report on Geophysical Surveys of Parcel 53
Schnabel Engineering Project No. 07210023.07

Dear Mr. Bramblett:

This letter contains our report on the geophysical surveys we conducted on the subject property. We understand this letter report will be included as an appendix in your report to the NCDOT. The report includes two 11x17 color figures.

1.0 INTRODUCTION

Schnabel Engineering conducted geophysical surveys on March 11 and March 19, 2008, in the accessible areas of the proposed right-of-way (ROW) sections of Parcel 53 (John W. Hodges Property, Toyota of Boone) under our 2007 contract with the NCDOT. Parcel 53 is located at the northeast corner of the intersection of US 421 (King Street) and Chestnut Drive. The work was conducted at the location indicated by the NCDOT to support their environmental assessment of the subject parcel. The purpose of the geophysical surveys was to locate possible metal underground storage tanks (UST's) and associated metal product lines in the accessible areas of the site.

2.0 FIELD METHODOLOGY

Locations of geophysical data points were obtained using a sub-meter Trimble Pro-XRS DGPS system. References to direction and location in this report are based on the US State Plane 1983 system, North Carolina 3200 zone, using the NAD 83 datum, with units in US survey feet. The locations of existing site features (building, curbs, signs, etc.) were recorded for later correlation with the geophysical data and for location references to the NCDOT drawings. The geophysical investigation consisted of an electromagnetic (EM) induction survey using a Geonics EM61-MK2 instrument, and a ground-penetrating radar survey using a Geophysical Survey Systems SIR-3000 system equipped with a 400 MHz antenna.

The EM61 data were collected along parallel survey lines spaced about 2.5 feet apart. The EM61 and DGPS data were recorded digitally using a field computer and later transferred to a desktop computer for data processing. The GPR data were collected along survey lines spaced two feet apart in orthogonal directions over anomalous EM readings not attributed to cultural features.

Preliminary results were sent to David Graham and Matt Bramblett of Hart & Hickman on March 24, 2008.

3.0 DISCUSSION OF RESULTS

The contoured EM61 data are shown on Figures 1 and 2. The EM61 early time gate results are plotted on Figure 1. The early time gate data provide the most sensitive detection of metal object targets, regardless of size. Figure 2 shows the difference between the response of the top and bottom coils of the EM61 instrument (differential response). The difference is taken to remove the effect of surface and very shallowly buried metallic objects. Typically, the differential response emphasizes anomalies from deeper and larger objects such as UST's.

The early time gate and differential results show a linear trend of high amplitude anomalies centered 25 to 30 feet from US 421 (King Street). The anomalies in this area that are not related to the large metal sign are likely a result of vehicles parked close to the survey area. This area of the parcel was surveyed with GPR, but the GPR data did not indicate the presence of UST's in the areas surveyed.

4.0 CONCLUSIONS

Our evaluation of the geophysical data collected on Parcel 53 of Project U-4020 in Boone, NC indicates the following:

- The geophysical data do not indicate the presence of UST's in the areas surveyed.

5.0 LIMITATIONS

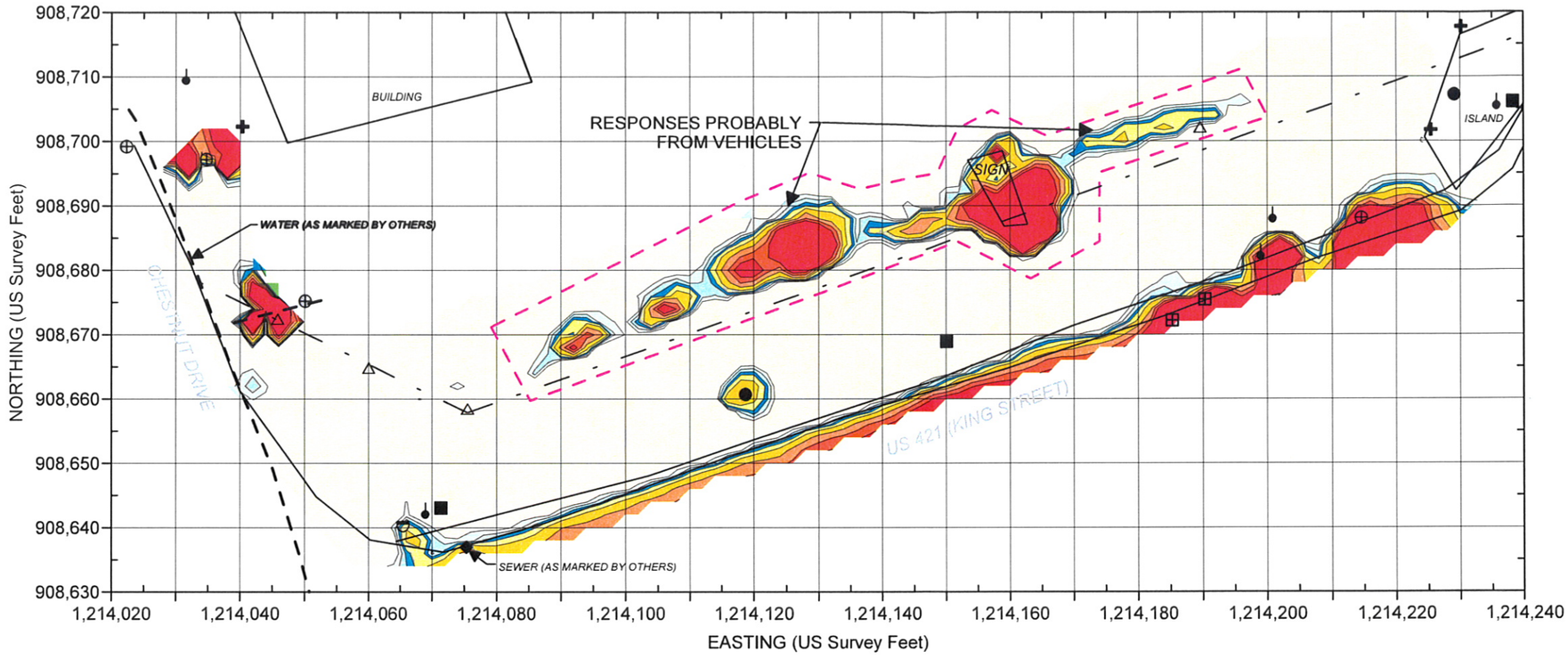
These services have been performed and this report prepared for Hart & Hickman and the North Carolina Department of Transportation in accordance with generally accepted guidelines for conducting geophysical surveys. It is generally recognized that the results of geophysical surveys are non-unique and may not represent actual subsurface conditions.

Thank you for the opportunity to serve you on this project. Please call if you need additional information or have any questions.

Sincerely,

Jeremy S. Strohmeyer, P.G.
Project Manager

JW/JS/NB
Attachment: Figures (2)
FILE: G:\2007 PROJECTS\07210023 (NCDOT 2007 GEOPHYSICAL SERVICES) PHASE 07 (U-4020 - WATAUGA COUNTY) REPORT\HART & HICKMAN PARCEL 53 REPORT ON PARCEL 53.DOC



EXPLANATION

- EM61 SURVEY AREA - DATA ACQUIRED ALONG PARALLEL SURVEY LINES SPACED APPROXIMATELY 2.5 FEET APART
- GUY WIRE
- SIGN
- METALLIC OBJECT
- NCDOT MARKER
- UTILITY POLE
- STORMWATER GRATE
- UTILITY MANHOLE
- MONITORING WELL
- LIGHTPOLE
- GPR SURVEY AREA
- LOCATION OF GPR SURVEY LINE SHOWN
- APPROXIMATE LOCATION OF POSSIBLE UTILITY (SOME MARKED IN FIELD)
- APPROXIMATE LOCATION OF POSSIBLE BURIED UST AS MARKED IN FIELD
- APPROXIMATE LIMITS OF NCDOT PROJECT

Scale in US Survey Feet

0 20 40 60

Early Time Gate Response (mV)

-15000 -150 0 50 100 150 200 300 500 750 1000 2000

Note: The contour plot shows the earliest and most sensitive time gate of the EM61 bottom coil/channel in millivolts (mV). The EM data were collected on March 11, 2008, using a Geonics EM61-MK2 instrument. Positioning for the EM61 survey was provided using a submeter Trimble ProXRS DGPS system. Coordinates are in the US State Plane 1983 System, North Carolina Zone 3200, using the NAD 1983 datum. GPR data were acquired on March 19, 2008, using a Geophysical Survey Systems SIR 3000 equipped with a 400 MHz antenna.

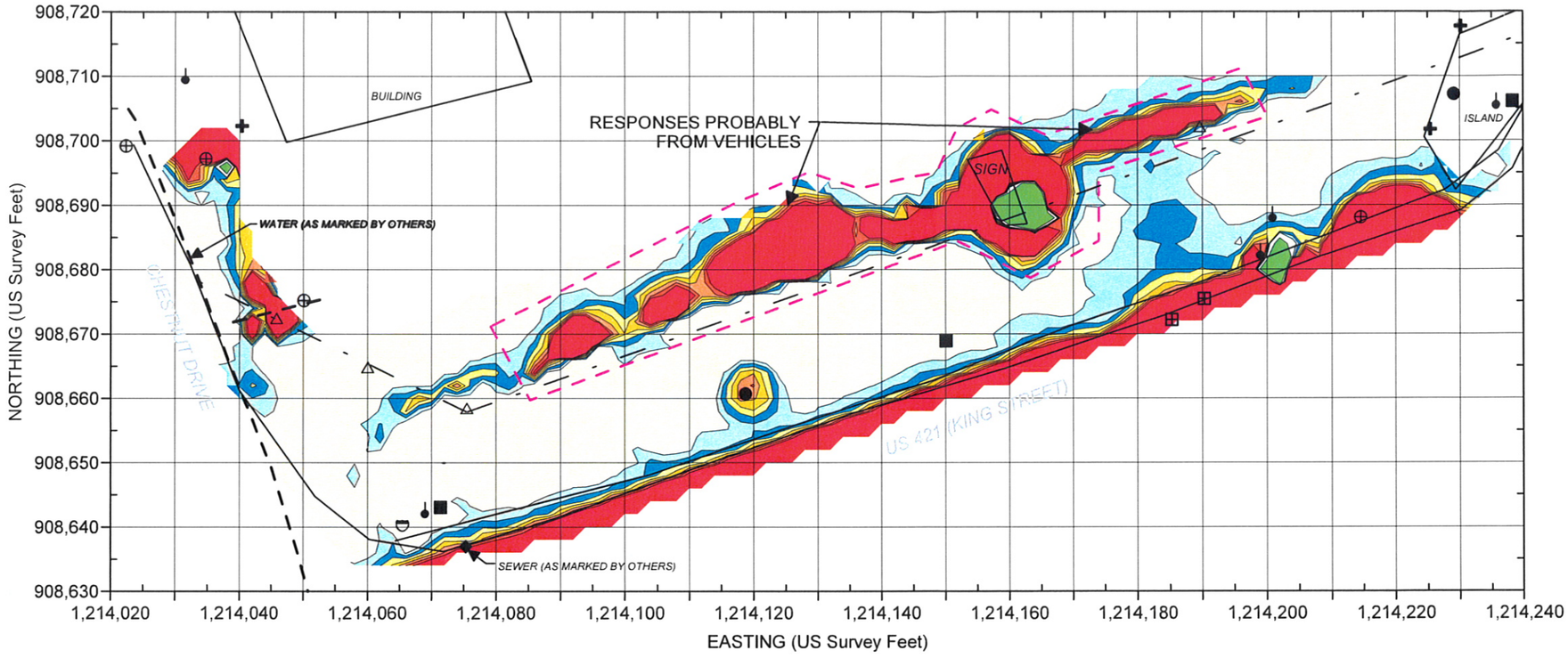
Schnabel Engineering

NC Department of Transportation
Geotechnical Engineering Unit

State Project No. U-4020
Watauga County, North Carolina

PARCEL 53
EM61 EARLY TIME GATE RESPONSE

FIGURE 1



EXPLANATION

- EM61 SURVEY AREA - DATA ACQUIRED ALONG PARALLEL SURVEY LINES SPACED APPROXIMATELY 2.5 FEET APART
- GUY WIRE
- SIGN
- METALLIC OBJECT
- NCDOT MARKER
- UTILITY POLE
- STORMWATER GRATE
- UTILITY MANHOLE
- MONITORING WELL
- LIGHTPOLE
- GPR SURVEY AREA
- LOCATION OF GPR SURVEY LINE SHOWN
- APPROXIMATE LOCATION OF POSSIBLE UTILITY (SOME MARKED IN FIELD)
- APPROXIMATE LOCATION OF POSSIBLE BURIED UST AS MARKED IN FIELD
- APPROXIMATE LIMITS OF NCDOT PROJECT

Scale in US Survey Feet

0 20 40 60

Differential Response (mV)

-20000 -100 0 40 60 80 100 120 140 160 200

Note: The contour plot shows the difference, in millivolts (mV), between the readings from the top and bottom coils of the EM61. The difference is taken to reduce the effect of shallow metal objects and emphasize anomalies caused by deeper metallic objects, such as pipes and tanks. The EM data were collected on March 11, 2008, using a Geonics EM61-MK2 instrument. Positioning for the EM61 survey was provided using a submeter Trimble ProXRS DGPS system. Coordinates are in the US State Plane 1983 System, North Carolina 3200 Zone, using the NAD 1983 datum. GPR data were acquired on March 19, 2008, using a Geophysical Survey Systems SIR 3000 equipped with a 400 MHz antenna.

Schnabel Engineering

NC Department of Transportation
Geotechnical Engineering Unit

State Project No. U-4020
Watauga County, North Carolina

PARCEL 53
EM61 DIFFERENTIAL RESPONSE

FIGURE 2

Appendix C

Soil Boring Logs

Hart & Hickman
ENVIRONMENTAL CONSULTANTS

2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)

3334 Hillsborough Street
Raleigh, North Carolina 27607
919-847-4241(p) 919-847-4261(f)

BORING NUMBER 53-1

PROJECT: Boone PSAs
JOB NUMBER: ROW-148
LOCATION: Boone, NC

DEPTH (ft)	RECOVERY (%)	BLOW COUNT	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	WELL DIAGRAM
0.0						Orange, brown, silty, SAND, slightly damp	
			0.5	0.6			
2.5	75			0.9		Orange, tan, silty, CLAY, moist	
5.0				0.9		Grey, silty, CLAY with PWR. Saturated at 6'.	
				0.4			
7.5	50						
				0.4			
10.0			0.3				
	25			0.5			
12.5						Bottom of borehole at 12.0 feet.	
15.0							

DRILLING CONTRACTOR: GEOLOGIC EXPLORATION
DRILL RIG/ METHOD: Geoprobe 6620DT
SAMPLING METHOD: DPT Sleeves
LOGGED BY MHF
DRAWN BY:

BORING STARTED 4/7/08
BORING COMPLETED: 4/7/08
TOTAL DEPTH: 12
SURFACE ELEV:
DEPTH TO WATER:

Remarks:

Borehole hand-augered to 5'
Soil samples collected from 2-5'

LOG OF BORING - HART HICKMAN.GDT - 5/27/08 08:43 - S:\AAA-MASTER PROJECTS\NC DOT RIGHT-OF-WAY -ROW\ROW-148 BOONE PSAS\BORING LOGS\ROW-148 (53).GPJ

Hart & Hickman
ENVIRONMENTAL CONSULTANTS

2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)

3334 Hillsborough Street
Raleigh, North Carolina 27607
919-847-4241(p) 919-847-4261(f)

BORING NUMBER 53-2

PROJECT: Boone PSAs
JOB NUMBER: ROW-148
LOCATION: Boone, NC

DEPTH (ft)	RECOVERY (%)	BLOW COUNT	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	WELL DIAGRAM	DEPTH (ft)
0.0								0.0
			0.4	0.9		Brown, orange, fine sandy, SILT, slightly damp		
2.5	75			1		Orange, brown, fine sandy, CLAY, slightly damp to saturated at 12'		2.5
5.0				0.9				5.0
				0.8				
7.5	10							7.5
				0.7				
10.0								10.0
	25			0.7				
12.5						Bottom of borehole at 12.0 feet.		12.5
15.0								15.0

DRILLING CONTRACTOR: GEOLOGIC EXPLORATION
DRILL RIG/ METHOD: Geoprobe 6620DT
SAMPLING METHOD: DPT Sleeves
LOGGED BY MHF
DRAWN BY:

BORING STARTED 4/7/08
BORING COMPLETED: 4/7/08
TOTAL DEPTH: 12
SURFACE ELEV:
DEPTH TO WATER:

Remarks:

Borehole hand-augered to 5'
Soil samples collected from 5-7'

LOG OF BORING - HART HICKMAN.GDT - 5/27/08 08:43 - S:\AAA-MASTER PROJECTS\NC DOT RIGHT-OF-WAY -ROW\ROW-148 BOONE PSAS\BORING LOGS\ROW-148 (53).GPJ

Hart & Hickman
ENVIRONMENTAL CONSULTANTS

2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)

3334 Hillsborough Street
Raleigh, North Carolina 27607
919-847-4241(p) 919-847-4261(f)

BORING NUMBER 53-3

PROJECT: Boone PSAs
JOB NUMBER: ROW-148
LOCATION: Boone, NC

DEPTH (ft)	RECOVERY (%)	BLOW COUNT	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	WELL DIAGRAM
0.0							
			0.3	0.6		Light brown, silty, SAND, slightly damp	
2.5	75			0.6			
						Brown, silty, SAND with PWR and wood, damp	
5.0				1.1			
						Dark, black, brown, silty, clay, wood, damp. No wood in sample after 9'	
				1			
7.5	50						
				1			
10.0							
	50			0.7			
						Bottom of borehole at 12.0 feet.	
12.5							
15.0							

DRILLING CONTRACTOR: GEOLOGIC EXPLORATION
DRILL RIG/ METHOD: Geoprobe 6620DT
SAMPLING METHOD: DPT Sleeves
LOGGED BY MHF
DRAWN BY:

BORING STARTED 4/7/08
BORING COMPLETED: 4/7/08
TOTAL DEPTH: 12
SURFACE ELEV:
DEPTH TO WATER:

Remarks:

Borehole hand-augered to 5'
Soil samples collected from 4-6'

LOG OF BORING - HART HICKMAN.GDT - 5/27/08 08:43 - S:\AAA-MASTER PROJECTS\NC DOT RIGHT-OF-WAY -ROW\ROW-148 BOONE PSAS\BORING LOGS\ROW-148 (53).GPJ

Hart & Hickman
ENVIRONMENTAL CONSULTANTS

2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)

3334 Hillsborough Street
Raleigh, North Carolina 27607
919-847-4241(p) 919-847-4261(f)

BORING NUMBER 53-4

PROJECT: Boone PSAs
JOB NUMBER: ROW-148
LOCATION: Boone, NC

DEPTH (ft)	RECOVERY (%)	BLOW COUNT	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	WELL DIAGRAM	DEPTH (ft)
0.0								0.0
			0.4	0.9		Light brown, silty, SAND and PWR		
2.5	90			1.1		Dark brown, orange, sandy, CLAY with PWR, slightly damp		2.5
5.0				2.1				5.0
				0.9				
7.5	75							7.5
				0.7				
10.0								10.0
	25							
12.5						Bottom of borehole at 12.0 feet.		12.5
15.0								15.0

DRILLING CONTRACTOR: GEOLOGIC EXPLORATION
DRILL RIG/ METHOD: Geoprobe 6620DT
SAMPLING METHOD: DPT Sleeves
LOGGED BY MHF
DRAWN BY:

BORING STARTED 4/7/08
BORING COMPLETED: 4/7/08
TOTAL DEPTH: 12
SURFACE ELEV:
DEPTH TO WATER:

Remarks:

Borehole hand-augered to 5'
Soil samples collected from 5-7'

LOG OF BORING - HART HICKMAN.GDT - 5/27/08 08:43 - S:\AAA-MASTER PROJECTS\NC DOT RIGHT-OF-WAY -ROW\ROW-148 BOONE PSAS\BORING LOGS\ROW-148 (53).GPJ

Hart & Hickman
ENVIRONMENTAL CONSULTANTS

2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)

3334 Hillsborough Street
Raleigh, North Carolina 27607
919-847-4241(p) 919-847-4261(f)

BORING NUMBER 53-5

PROJECT: Boone PSAs
JOB NUMBER: ROW-148
LOCATION: Boone, NC

DEPTH (ft)	RECOVERY (%)	BLOW COUNT	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	WELL DIAGRAM	DEPTH (ft)
0.0								0.0
			0.4	0.8		Brown, orange, sandy, SILT, slightly damp		
2.5	75			0.6		Brown, orange medium sandy, SILT, with PWR, slightly damp		2.5
5.0				1		Brown, orange, medium silty, SAND with PWR, damp		5.0
7.5	100			0.8				7.5
				0.8				
10.0	25							10.0
12.5						Bottom of borehole at 12.0 feet.		12.5
15.0								15.0

DRILLING CONTRACTOR: GEOLOGIC EXPLORATION
DRILL RIG/ METHOD: Geoprobe 6620DT
SAMPLING METHOD: DPT Sleeves
LOGGED BY MHF
DRAWN BY:

BORING STARTED 4/7/08
BORING COMPLETED: 4/7/08
TOTAL DEPTH: 12
SURFACE ELEV:
DEPTH TO WATER:

Remarks:

Borehole hand-augered to 5'
Soil samples collected from 5-7'

LOG OF BORING - HART HICKMAN.GDT - 5/27/08 08:43 - S:\AAA-MASTER PROJECTS\NC DOT RIGHT-OF-WAY -ROW\ROW-148 BOONE PSAS\BORING LOGS\ROW-148 (53).GPJ

Hart & Hickman
ENVIRONMENTAL CONSULTANTS

2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)

3334 Hillsborough Street
Raleigh, North Carolina 27607
919-847-4241(p) 919-847-4261(f)

BORING NUMBER 55-1

PROJECT: Boone PSAs
JOB NUMBER: ROW-148
LOCATION: Boone, NC

DEPTH (ft)	RECOVERY (%)	BLOW COUNT	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	WELL DIAGRAM	DEPTH (ft)
0.0								0.0
			0.1	0.4		Dark brown, sandy, SILT, damp		
2.5	60			0.4		Dark, brown, silty, fine SAND and PWR, wet		2.5
5.0				0.8		Dark brown, silty, CLAY, with some fine sands and PWR, wet. REFUSAL at 10'		5.0
				0.4				
7.5	75							7.5
10.0						Bottom of borehole at 10.0 feet		10.0

DRILLING CONTRACTOR: GEOLOGIC EXPLORATION
DRILL RIG/ METHOD: Geoprobe 6620DT
SAMPLING METHOD: DPT Sleeves
LOGGED BY MHF
DRAWN BY:

BORING STARTED 4/8/08
BORING COMPLETED: 4/8/08
TOTAL DEPTH: 10
SURFACE ELEV:
DEPTH TO WATER:

Remarks:

Borehole hand-augered to 5'
Soil samples collected from 5-7'

LOG OF BORING - HART HICKMAN.GDT - 5/28/08 17:23 - S:\AAA-MASTER PROJECTS\NC DOT RIGHT-OF-WAY -ROW\ROW-148 BOONE PSAS\BORING LOGS\ROW-148 (55).GPJ

Appendix D

Laboratory Analytical Report

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

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

Laboratory Report

04/28/08

North Carolina Department of Transportation
Attn: David Graham
c/o Hart and Hickman
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project Name: Boone PSAs
Project ID: ROW-148
Project No.: WBS# 35015.1.1
Sample Matrix: Soil

Client Sample ID: 53-3 (4-6)
Prism Sample ID: 211228
COC Group: G0408351
Time Collected: 04/07/08 16:20
Time Submitted: 04/11/08 9:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	**80.0**	%			1	SM2540 G	04/14/08 14:15	mbarber	
Diesel Range Organics (DRO) by GC-FID									
Diesel Range Organics (DRO)	**BRL**	mg/kg	8.6	1.4	1	8015B	04/18/08 21:00	jvogel	Q31877
Sample Preparation:				25.4 g /	1 mL	3545	04/16/08 16:00	wconder	P21362

Surrogate	% Recovery	Control Limits
o-Terphenyl	60	49 - 124

Sample Weight Determination									
Weight 1	**6.60**	g			1	GRO	04/17/08 0:00	athao	
Weight 2	**5.67**	g			1	GRO	04/17/08 0:00	athao	
Gasoline Range Organics (GRO) by GC-FID									
Gasoline Range Organics (GRO)	**BRL**	mg/kg	6.3	3.9	50	8015B	04/18/08 9:04	wbradley	Q31785

Surrogate	% Recovery	Control Limits
aaa-TFT	92	55 - 129

Sample Comment(s):

BRL = Below Reporting Limit

Values are reported down to the reporting limit only. No J-Flags applied.

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

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

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

Laboratory Report

04/28/08

North Carolina Department of Transportation
Attn: David Graham
c/o Hart and Hickman
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project Name: Boone PSAs
Project ID: ROW-148
Project No.: WBS# 35015.1.1
Sample Matrix: Soil

Client Sample ID: 53-1 (2-5)
Prism Sample ID: 211229
COC Group: G0408351
Time Collected: 04/07/08 16:45
Time Submitted: 04/11/08 9:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	**79.3**	%			1	SM2540 G	04/14/08 14:15	mbarber	
Diesel Range Organics (DRO) by GC-FID									
Diesel Range Organics (DRO)	**BRL**	mg/kg	8.8	1.4	1	8015B	04/18/08 21:35	jvogel	Q31877
Sample Preparation:				25.03 g /	1 mL	3545	04/16/08 16:00	wconder	P21362

Surrogate	% Recovery	Control Limits
o-Terphenyl	56	49 - 124

Sample Weight Determination									
Weight 1	**6.72**	g			1	GRO	04/17/08 0:00	athao	
Weight 2	**6.52**	g			1	GRO	04/17/08 0:00	athao	
Gasoline Range Organics (GRO) by GC-FID									
Gasoline Range Organics (GRO)	**BRL**	mg/kg	6.3	3.9	50	8015B	04/17/08 11:55	wbradley	Q31785

Surrogate	% Recovery	Control Limits
aaa-TFT	68	55 - 129

Sample Comment(s):

BRL = Below Reporting Limit

Values are reported down to the reporting limit only. No J-Flags applied.

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All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

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

Laboratory Report

04/28/08

North Carolina Department of Transportation
Attn: David Graham
c/o Hart and Hickman
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project Name: Boone PSAs
Project ID: ROW-148
Project No.: WBS# 35015.1.1
Sample Matrix: Soil

Client Sample ID: 53-2 (5-7)
Prism Sample ID: 211230
COC Group: G0408351
Time Collected: 04/07/08 17:00
Time Submitted: 04/11/08 9:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	**83.8**	%			1	SM2540 G	04/14/08 14:15	mbarber	
Diesel Range Organics (DRO) by GC-FID									
Diesel Range Organics (DRO)	**BRL**	mg/kg	8.2	1.3	1	8015B	04/18/08 22:11	jvogel	Q31877
Sample Preparation:			25.46 g	/	1 mL	3545	04/16/08 16:00	wconder	P21362

Surrogate	% Recovery	Control Limits
o-Terphenyl	83	49 - 124

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Sample Weight Determination									
Weight 1	**7.70**	g			1	GRO	04/17/08 0:00	athao	
Weight 2	**7.61**	g			1	GRO	04/17/08 0:00	athao	
Gasoline Range Organics (GRO) by GC-FID									
Gasoline Range Organics (GRO)	**BRL**	mg/kg	6.0	3.7	50	8015B	04/17/08 14:14	wbradley	Q31785

Surrogate	% Recovery	Control Limits
aaa-TFT	71	55 - 129

Sample Comment(s):

BRL = Below Reporting Limit

Values are reported down to the reporting limit only. No J-Flags applied.

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

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

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

Laboratory Report

04/28/08

North Carolina Department of Transportation
Attn: David Graham
c/o Hart and Hickman
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project Name: Boone PSAs
Project ID: ROW-148
Project No.: WBS# 35015.1.1
Sample Matrix: Soil

Client Sample ID: 55-1 (5-7)
Prism Sample ID: 211231
COC Group: G0408351
Time Collected: 04/08/08 8:10
Time Submitted: 04/11/08 9:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	**81.7**	%			1	SM2540 G	04/14/08 14:15	mbarber	
Sample Weight Determination									
Weight Bisulfate 1	**5.20**	g			1	5035	04/22/08 0:00	athao	
Weight Bisulfate 2	**5.18**	g			1	5035	04/22/08 0:00	athao	
Weight Methanol	**5.29**	g			1	5035	04/22/08 0:00	athao	
Volatile Organic Compounds by GC/MS									
1,1,1-Trichloroethane	**BRL**	mg/kg	0.0059	0.00069	1	8260B	04/16/08 5:17	erussell	Q31741
1,1,2,2-Tetrachloroethane	**BRL**	mg/kg	0.0059	0.00042	1	8260B	04/16/08 5:17	erussell	Q31741
1,1,2-Trichloroethane	**BRL**	mg/kg	0.0059	0.00062	1	8260B	04/16/08 5:17	erussell	Q31741
1,1-Dichloroethane	**BRL**	mg/kg	0.0059	0.00067	1	8260B	04/16/08 5:17	erussell	Q31741
1,1-Dichloroethene	**BRL**	mg/kg	0.0059	0.0010	1	8260B	04/16/08 5:17	erussell	Q31741
1,1-Dichloropropene	**BRL**	mg/kg	0.0059	0.00069	1	8260B	04/16/08 5:17	erussell	Q31741
1,2,3-Trichlorobenzene	**BRL**	mg/kg	0.0059	0.00067	1	8260B	04/16/08 5:17	erussell	Q31741
1,2,3-Trichloropropane	**BRL**	mg/kg	0.0059	0.00079	1	8260B	04/16/08 5:17	erussell	Q31741
1,2,4-Trichlorobenzene	**BRL**	mg/kg	0.0059	0.00076	1	8260B	04/16/08 5:17	erussell	Q31741
1,2,4-Trimethylbenzene	**BRL**	mg/kg	0.0059	0.00029	1	8260B	04/16/08 5:17	erussell	Q31741
1,2-Dibromoethane (EDB)	**BRL**	mg/kg	0.0059	0.00073	1	8260B	04/16/08 5:17	erussell	Q31741
1,2-Dichlorobenzene	**BRL**	mg/kg	0.0059	0.00038	1	8260B	04/16/08 5:17	erussell	Q31741
1,2-Dichloroethane	**BRL**	mg/kg	0.0059	0.00066	1	8260B	04/16/08 5:17	erussell	Q31741
1,2-Dichloropropane	**BRL**	mg/kg	0.0059	0.0014	1	8260B	04/16/08 5:17	erussell	Q31741
1,3,5-Trimethylbenzene	**BRL**	mg/kg	0.0059	0.00049	1	8260B	04/16/08 5:17	erussell	Q31741
1,3-Dichlorobenzene	**BRL**	mg/kg	0.0059	0.00039	1	8260B	04/16/08 5:17	erussell	Q31741
1,3-Dichloropropane	**BRL**	mg/kg	0.0059	0.00025	1	8260B	04/16/08 5:17	erussell	Q31741
1,4-Dichlorobenzene	**BRL**	mg/kg	0.0059	0.00075	1	8260B	04/16/08 5:17	erussell	Q31741
2,2-Dichloropropane	**BRL**	mg/kg	0.0059	0.00085	1	8260B	04/16/08 5:17	erussell	Q31741
2-Chlorotoluene	**BRL**	mg/kg	0.0059	0.00033	1	8260B	04/16/08 5:17	erussell	Q31741

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

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

Laboratory Report

04/28/08

North Carolina Department of Transportation
Attn: David Graham
c/o Hart and Hickman
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project Name: Boone PSAs
Project ID: ROW-148
Project No.: WBS# 35015.1.1
Sample Matrix: Soil

Client Sample ID: 55-1 (5-7)
Prism Sample ID: 211231
COC Group: G0408351
Time Collected: 04/08/08 8:10
Time Submitted: 04/11/08 9:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
2-Hexanone	BRL	mg/kg	0.059	0.0051	1	8260B	04/16/08 5:17	erussell	Q31741
4-Chlorotoluene	BRL	mg/kg	0.0059	0.00044	1	8260B	04/16/08 5:17	erussell	Q31741
4-Methyl-2-pentanone (MIBK)	BRL	mg/kg	0.059	0.0061	1	8260B	04/16/08 5:17	erussell	Q31741
Acetone	BRL	mg/kg	0.059	0.017	1	8260B	04/16/08 5:17	erussell	Q31741
Benzene	BRL	mg/kg	0.0035	0.00049	1	8260B	04/16/08 5:17	erussell	Q31741
Bromobenzene	BRL	mg/kg	0.0059	0.00075	1	8260B	04/16/08 5:17	erussell	Q31741
Bromochloromethane	BRL	mg/kg	0.0059	0.00048	1	8260B	04/16/08 5:17	erussell	Q31741
Bromodichloromethane	BRL	mg/kg	0.0059	0.00064	1	8260B	04/16/08 5:17	erussell	Q31741
Bromoform	BRL	mg/kg	0.0059	0.00053	1	8260B	04/16/08 5:17	erussell	Q31741
Bromomethane	BRL	mg/kg	0.012	0.0013	1	8260B	04/16/08 5:17	erussell	Q31741
Carbon tetrachloride	BRL	mg/kg	0.0059	0.00039	1	8260B	04/16/08 5:17	erussell	Q31741
Chlorobenzene	BRL	mg/kg	0.0059	0.0006	1	8260B	04/16/08 5:17	erussell	Q31741
Chlorodibromomethane	BRL	mg/kg	0.0059	0.00054	1	8260B	04/16/08 5:17	erussell	Q31741
Chloroethane	BRL	mg/kg	0.012	0.0020	1	8260B	04/16/08 5:17	erussell	Q31741
Chloroform	BRL	mg/kg	0.0059	0.00098	1	8260B	04/16/08 5:17	erussell	Q31741
Chloromethane	BRL	mg/kg	0.0059	0.0014	1	8260B	04/16/08 5:17	erussell	Q31741
cis-1,2-Dichloroethene	BRL	mg/kg	0.0059	0.00094	1	8260B	04/16/08 5:17	erussell	Q31741
cis-1,3-Dichloropropene	BRL	mg/kg	0.0059	0.00078	1	8260B	04/16/08 5:17	erussell	Q31741
Dichlorodifluoromethane	BRL	mg/kg	0.0059	0.0016	1	8260B	04/16/08 5:17	erussell	Q31741
Ethylbenzene	BRL	mg/kg	0.0059	0.00027	1	8260B	04/16/08 5:17	erussell	Q31741
Isopropyl ether (IPE)	BRL	mg/kg	0.0059	0.00054	1	8260B	04/16/08 5:17	erussell	Q31741
Isopropylbenzene	BRL	mg/kg	0.0059	0.00034	1	8260B	04/16/08 5:17	erussell	Q31741
m,p-Xylenes	BRL	mg/kg	0.012	0.00097	1	8260B	04/16/08 5:17	erussell	Q31741
Methyl ethyl ketone (MEK)	BRL	mg/kg	0.12	0.017	1	8260B	04/16/08 5:17	erussell	Q31741
Methyl t-butyl ether (MTBE)	BRL	mg/kg	0.012	0.00049	1	8260B	04/16/08 5:17	erussell	Q31741
Methylene chloride	BRL	mg/kg	0.0059	0.00097	1	8260B	04/16/08 5:17	erussell	Q31741
n-Butylbenzene	BRL	mg/kg	0.0059	0.00042	1	8260B	04/16/08 5:17	erussell	Q31741

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

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

Laboratory Report

04/28/08

North Carolina Department of Transportation
Attn: David Graham
c/o Hart and Hickman
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project Name: Boone PSAs
Project ID: ROW-148
Project No.: WBS# 35015.1.1
Sample Matrix: Soil

Client Sample ID: 55-1 (5-7)
Prism Sample ID: 211231
COC Group: G0408351
Time Collected: 04/08/08 8:10
Time Submitted: 04/11/08 9:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
n-Propylbenzene	BRL	mg/kg	0.0059	0.00039	1	8260B	04/16/08 5:17	erussell	Q31741
Naphthalene	BRL	mg/kg	0.012	0.00071	1	8260B	04/16/08 5:17	erussell	Q31741
o-Xylene	BRL	mg/kg	0.0059	0.00025	1	8260B	04/16/08 5:17	erussell	Q31741
p-Isopropyltoluene	BRL	mg/kg	0.0059	0.00047	1	8260B	04/16/08 5:17	erussell	Q31741
sec-Butylbenzene	BRL	mg/kg	0.0059	0.0004	1	8260B	04/16/08 5:17	erussell	Q31741
Styrene	BRL	mg/kg	0.0059	0.00066	1	8260B	04/16/08 5:17	erussell	Q31741
tert-Butylbenzene	BRL	mg/kg	0.0059	0.00049	1	8260B	04/16/08 5:17	erussell	Q31741
Tetrachloroethene	BRL	mg/kg	0.0059	0.00053	1	8260B	04/16/08 5:17	erussell	Q31741
Toluene	BRL	mg/kg	0.0059	0.00044	1	8260B	04/16/08 5:17	erussell	Q31741
trans-1,2-Dichloroethene	BRL	mg/kg	0.0059	0.00075	1	8260B	04/16/08 5:17	erussell	Q31741
trans-1,3-Dichloropropene	BRL	mg/kg	0.0059	0.00069	1	8260B	04/16/08 5:17	erussell	Q31741
Trichloroethene	BRL	mg/kg	0.0059	0.00086	1	8260B	04/16/08 5:17	erussell	Q31741
Trichlorofluoromethane	BRL	mg/kg	0.0059	0.0010	1	8260B	04/16/08 5:17	erussell	Q31741
Vinyl acetate	BRL	mg/kg	0.029	0.0017	1	8260B	04/16/08 5:17	erussell	Q31741
Vinyl chloride	BRL	mg/kg	0.0059	0.0010	1	8260B	04/16/08 5:17	erussell	Q31741

Surrogate	% Recovery	Control Limits
Toluene-d8	112	81 - 128
Dibromofluoromethane	106	67 - 143
Bromofluorobenzene	105	77 - 128

Diesel Range Organics (DRO) by GC-FID

Diesel Range Organics (DRO)	BRL	mg/kg	8.4	1.4	1	8015B	04/18/08 22:47	jvogel	Q31877
Sample Preparation:			25.44 g	/	1 mL	3545	04/16/08 16:00	wconder	P21362

Surrogate	% Recovery	Control Limits
o-Terphenyl	60	49 - 124

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

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

Laboratory Report

04/28/08

North Carolina Department of Transportation
Attn: David Graham
c/o Hart and Hickman
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project Name: Boone PSAs
Project ID: ROW-148
Project No.: WBS# 35015.1.1
Sample Matrix: Soil

Client Sample ID: 55-1 (5-7)
Prism Sample ID: 211231
COC Group: G0408351
Time Collected: 04/08/08 8:10
Time Submitted: 04/11/08 9:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Sample Weight Determination									
Weight 1	**4.93**	g			1	GRO	04/17/08 0:00	athao	
Weight 2	**5.25**	g			1	GRO	04/17/08 0:00	athao	
Gasoline Range Organics (GRO) by GC-FID									
Gasoline Range Organics (GRO)	**BRL**	mg/kg	6.1	3.8	50	8015B	04/16/08 7:00	wbradley	Q31784

Surrogate	% Recovery	Control Limits
aaa-TFT	80	55 - 129

Sample Comment(s):

BRL = Below Reporting Limit

Values are reported down to the reporting limit only. No J-Flags applied.

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

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

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

Laboratory Report

04/28/08

North Carolina Department of Transportation
Attn: David Graham
c/o Hart and Hickman
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project Name: Boone PSAs
Project ID: ROW-148
Project No.: WBS# 35015.1.1
Sample Matrix: Soil

Client Sample ID: 53-4 (5-7)
Prism Sample ID: 211418
COC Group: G0408351
Time Collected: 04/07/08 17:45
Time Submitted: 04/11/08 9:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	**76.5**	%			1	SM2540 G	04/17/08 14:00	mbarber	
Diesel Range Organics (DRO) by GC-FID									
Diesel Range Organics (DRO)	**BRL**	mg/kg	9.0	1.5	1	8015B	04/18/08 19:12	jvogel	Q31877
Sample Preparation:			25.34 g	/	1 mL	3545	04/16/08 16:00	wconder	P21362

Surrogate	% Recovery	Control Limits
o-Terphenyl	62	49 - 124

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Sample Weight Determination									
Weight 1	**6.71**	g			1	GRO	04/17/08 0:00	athao	
Weight 2	**6.59**	g			1	GRO	04/17/08 0:00	athao	
Gasoline Range Organics (GRO) by GC-FID									
Gasoline Range Organics (GRO)	**BRL**	mg/kg	6.5	4.1	50	8015B	04/19/08 20:48	grappaccioli	Q31853

Surrogate	% Recovery	Control Limits
aaa-TFT	90	55 - 129

Sample Comment(s):

BRL = Below Reporting Limit

Values are reported down to the reporting limit only. No J-Flags applied.

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

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

PRISM LABORATORIES, INC.
Full Service Analytical & Environmental Solutions

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

Laboratory Report

04/28/08

North Carolina Department of Transportation
Attn: David Graham
c/o Hart and Hickman
2923 South Tryon St. Ste 100
Charlotte, NC 28203

Project Name: Boone PSAs
Project ID: ROW-148
Project No.: WBS# 35015.1.1
Sample Matrix: Soil

Client Sample ID: 53-5 (5-7)
Prism Sample ID: 211419
COC Group: G0408351
Time Collected: 04/07/08 17:15
Time Submitted: 04/11/08 9:20

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	**82.0**	%			1	SM2540 G	04/16/08 15:15	mbarber	
Diesel Range Organics (DRO) by GC-FID									
Diesel Range Organics (DRO)	**33**	mg/kg	8.4	1.4	1	8015B	04/21/08 9:51	jvogel	Q31787
Sample Preparation:			25.34 g	/	1 mL	3545	04/15/08 16:45	wconder	P21349

Surrogate	% Recovery	Control Limits
o-Terphenyl	123	49 - 124

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Sample Weight Determination									
Weight 1	**9.61**	g			1	GRO	04/17/08 0:00	athao	
Weight 2	**5.82**	g			1	GRO	04/17/08 0:00	athao	
Gasoline Range Organics (GRO) by GC-FID									
Gasoline Range Organics (GRO)	**BRL**	mg/kg	6.1	3.8	50	8015B	04/19/08 21:20	grappaccioli	Q31853

Surrogate	% Recovery	Control Limits
aaa-TFT	91	55 - 129

Sample Comment(s):

BRL = Below Reporting Limit

Values are reported down to the reporting limit only. No J-Flags applied.

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

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

CHAIN OF CUSTODY RECORD

PRISM LABORATORIES, INC.

Full Service Analytical & Environmental Solutions

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

PAGE 3 OF 10 QUOTE # TO ENSURE PROPER BILLING: _____

Project Name: Row-148

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

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

Client Company Name: Hart & Hickman

Report To/Contact Name: D. Graham

Reporting Address: 2923 S. Tryon St.

Phone: 704-586-0007 Fax (Yes) (No): _____

Email (Yes) (No) Email Address dgraham@harthickman.com

EDD Type: PDF ✓ Excel ___ Other _____

Site Location Name: Boone DOT

Site Location Physical Address: Boone, NC

Invoice To: _____

Address: _____

Purchase Order No./Billing Reference _____

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

	YES	NO	N/A
Samples INTACT upon arrival?	✓		
Received ON WET ICE? Temp 1.2	✓		
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 *TYPE SEE BELOW	NO.	SIZE	PRESERVATIVES	ANALYSES REQUESTED TPH-GRO / DRO / VOCs 8260	REMARKS	PRISM LAB ID NO.
SS-1 (5-7)	4/8/08	0810	soil	VOA CG	4	40mL 602	MeOH/None	X X		211231
~~SS~~ 51-1 (5-7)		0920			3			X		211232
51-3 (2-5)		0935						X		211233
51-4 (2-5)		0945						X		211234
51-5 (0-2)		0955						X		211235
51-6 (0-2)		1005						X		211236
51-7 (0-2)		1050						X		211237
51-8 (0-2)		1110						X		211238
51-9 (0-2)		1117						X		211239
48-1 (2-5)		1158						X		211240

Sampler's Signature _____ Sampled By (Print Name) M. Falkner Affiliation H&H

PRESS DOWN FIRMLY - 3 COPIES

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.

	Received By: (Signature)	Date	Military/Hours
Relinquished By: (Signature)			
Relinquished By: (Signature)	Received By: (Signature)	Date	
Relinquished By: (Signature)	Received For Prism Laboratories By:	Date 4/11/08	0920

Method of Shipment: 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.

☐ Fed Ex ☐ UPS ☐ Hand-delivered ☐ Prism Field Service ☐ Other _____

COC Group No. G0408351

Additional Comments:

PRISM USE ONLY

Site Arrival Time:

Site Departure Time:

Field Tech Fee:

Mileage:

NPDES:	UST:	GROUNDWATER:	DRINKING WATER:	SOLID WASTE:	RCRA:	CERCLA	LANDFILL	OTHER:
☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC	☐ NC ☐ SC
☐ _____	☐ _____	☐ _____	☐ _____	☐ _____	☐ _____	☐ _____	☐ _____	☐ _____

SEE REVERSE FOR TERMS & CONDITIONS

ORIGINAL

CHAIN OF CUSTODY RECORD

PRISM LABORATORIES, INC.

Full Service Analytical & Environmental Solutions

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

PAGE 2 OF 10 QUOTE # TO ENSURE PROPER BILLING: _____

Project Name: ROW-148

Short Hold Analysis: (Yes) (Not) UST Project: (Yes) (No)

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

Invoice To: _____

Address: _____

Client Company Name: HART & Hickman

Report To/Contact Name: D Graham

Reporting Address: 2923 S. Tryon St.

Phone: 704-586-0007 Fax (Yes) (No): _____

Email (Yes) (No) Email Address dgraham@harthickman.com

EDD Type: PDF___ Excel___ Other_____

Site Location Name: Boone-DOT

Site Location Physical Address: Boone, NC

Purchase Order No./Billing Reference _____

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

	YES	NO	N/A
Samples INTACT upon arrival?	✓		
Received ON WET ICE? Temp 1.3	✓		
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 *TYPE SEE BELOW	SAMPLE CONTAINER NO.	SAMPLE CONTAINER SIZE	PRESERVATIVES	ANALYSES REQUESTED TPH-GRO DRO	ANALYSES REQUESTED VOCs 8260	REMARKS	PRISM LAB ID NO.
50-11 (4-6)	4/7/08	1420	Soil	VOA CG	3	40mL 6oz	none/meth				211221
50-12 (5-8)		1430									211222
52-1 (2-5)		1445									211223
52-2 (5-7)		1452									211224
52-3 (2-4)		1500									211225
52-4 (5-7)		1510									211226
54 BS (4-6)		1540		VOA CG	4	40mL 6oz	none/meth		X	HOLD VOCs	211227
53-3 (4-6)		1620		VOA CG	3						211228
53-1 (2-5)		1645									211229
53-2 (5-7)		1700									211230

Sampler's Signature _____ Sampled By (Print Name) M. Falkner Affiliation H&H

PRESS DOWN FIRMLY - 3 COPIES

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)	Received By: (Signature)	Date	Military/Hours
Relinquished By: (Signature)	Received By: (Signature)	Date	
Relinquished By: (Signature)	Received For Prism Laboratories By:	Date	
		4/11/08	920

Method of Shipment: 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.

❑ Fed Ex ❑ UPS ☒ Hand-delivered ❑ Prism Field Service ❑ Other _____

COC Group No. G0403351

Additional Comments:

PRISM USE ONLY

Site Arrival Time:
Site Departure Time:
Field Tech Fee:
Mileage:

NPDES:	UST:	GROUNDWATER:	DRINKING WATER:	SOLID WASTE:	RCRA:	CERCLA	LANDFILL	OTHER:
❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC	❑ NC ❑ SC
❑ _____	❑ _____	❑ _____	❑ _____	❑ _____	❑ _____	❑ _____	❑ _____	❑ _____

SEE REVERSE FOR TERMS & CONDITIONS

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

ORIGINAL

CHAIN OF CUSTODY RECORD

PRISM LABORATORIES, INC.

Full Service Analytical & Environmental Solutions

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

PAGE ___ OF ___ QUOTE # TO ENSURE PROPER BILLING: _____

Client Company Name: H&H
Report To/Contact Name: _____
Reporting Address: _____

Phone: _____ Fax (Yes) (No): _____
Email (Yes) (No) Email Address _____
EDD Type: PDF____ Excel ____Other_____
Site Location Name: _____
Site Location Physical Address: _____

Project Name: _____
Short Hold Analysis: (Yes) (No) UST Project: (Yes) (No)
*Please ATTACH any project specific reporting (QC LEVEL I II III IV) provisions and/or QC Requirements
Invoice To: _____
Address: _____

Purchase Order No./Billing Reference _____
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

	YES	NO	N/A
Samples INTACT upon arrival?			
Received ON WET ICE? Temp ____			
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 *TYPE SEE BELOW	SAMPLE CONTAINER NO.	SAMPLE CONTAINER SIZE	PRESERVATIVES	ANALYSES REQUESTED GRO/5035	ANALYSES REQUESTED DRO	REMARKS	PRISM LAB ID NO.
53-4 (5-7)	4/7/08	1745	Soil	VOA,GG	3	40ml 4oz	MeOH	X	X		211418
53-5 (5-7)	"	1715	"	"	"	"	"	X	X		211419
51-2 (5-7)	4/8/08	0720	"	"	"	"	"	X	X		211420

PRESS DOWN FIRMLY - 3 COPIES

Sampler's Signature _____ Sampled By (Print Name) _____ Affiliation _____

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)	Received By: (Signature)	Date	Military/Hours
Relinquished By: (Signature)	Received By: (Signature)	Date	
Relinquished By: (Signature)	Received For Prism Laboratories By:	Date	

Method of Shipment: 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.
❑ Fed Ex ❑ UPS ❑ Hand-delivered ❑ Prism Field Service ❑ Other _____
COC Group No. G0408351

Additional Comments:
H&H
Samples not on C.O.C

PRISM USE ONLY

Site Arrival Time:
Site Departure Time:
Field Tech Fee:
Mileage:

NPDES:	UST:	GROUNDWATER:	DRINKING WATER:	SOLID WASTE:	RCRA:	CERCLA	LANDFILL	OTHER:
❑ NC ❑ SC ❑	❑ NC ❑ SC ❑	❑ NC ❑ SC ❑	❑ NC ❑ SC ❑	❑ NC ❑ SC ❑	❑ NC ❑ SC ❑	❑ NC ❑ SC ❑	❑ 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