

INITIAL ABATEMENT ACTION REPORT

**NCDOT PARCEL 25
FORMER RENO MANAGEMENT LLC PROPERTY
280 EAST KING STREET
BOONE, WATAUGA COUNTY, NC
STATE PROJECT U-4020
WBS ELEMENT 35015.1.1**

Prepared for

North Carolina Department of Transportation
Geotechnical Engineering Unit
Geoenvironmental Section
Century Center Complex, Building B
1020 Birch Ridge Drive
Raleigh, NC 27610
Tel. (919) 250-4088

October 13, 2009



URS Corporation – North Carolina
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Morrisville, North Carolina 27560
Tel. (919) 461-1100
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URS Job No. 3182 6801

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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, Jr.
Project Manager
URS Corporation – North Carolina

2061
NC License No.

10-12-2009
Date

1.0 INTRODUCTION

URS Corporation (URS) was retained by the North Carolina Department of Transportation to oversee the closure of one petroleum underground storage tank (UST) and investigate one geophysical anomaly at the Reno Management LLC Property (the site), located at 280 East King Street in Boone, Watauga County, North Carolina (**Figure 1**). However, during the closure activities it was discovered that a total of four USTs were present on the site and subsequently all were removed. This report documents the UST closure activities and has been prepared following the required NCDENR UST 12 report format.

2.0 GENERAL INFORMATION

2.1 Facility Information

The facility ID is unknown and no information relating to the site was available in the NCDENR UST Database. It is our understanding that Reno Management was unaware of the abandoned/orphan tanks identified (Tanks 2, 3, and 4) on the property. Due to the USTs [systems] located on the portion of the property that was acquired for a road widening project, NCDOT performed the proper closure of the abandoned tanks.

2.2 Contacts

The following list identifies the key contacts involved with closure of the USTs:

1.	UST Owner / Operator	Unknown for the abandoned commercial USTs
2.	Property Owner	NCDOT by Permanent Easement 1589 Mail Service Center Raleigh, Wake County, NC 27699 919-250-4088
3.	Primary Contact Person	Unknown for the abandoned commercial USTs
4.	Primary Consultant	Walt Plekan, LG URS Corporation – North Carolina 1600 Perimeter Park Drive, Suite 400 Morrisville, NC 27560 (919) 461-1100
5.	Closure Subcontractor	A & D Environmental and Industrial Services, Inc. P.O Box 484 High Point, North Carolina (336) 434-7750
6.	Analytical Laboratory	Prism Laboratories, Inc. 449 Springbrook Road Charlotte, NC 28224 (704) 529-6364 NC Certification No. 402

2.3 UST Information

A total of four USTs were located on the site. The location of Tank 1 was known and contained heating oil for consumptive use at the premises. The second UST (Tank 2) was identified/suspected during a geophysical survey, and the other two tanks (Tanks 3 & 4) were located during excavation activities at the site. Content information was based on field observations. The installation dates and last use dates of the USTs are unknown. The tanks were permanently closed through removal and off-site disposal between August 17 and August 19, 2009. Previously submitted UST Section form UST 61 is included as **Appendix A** along with form UST 2. The following information is a summary of the tank dimensions and approximate holding capacity:

Tank ID	Former Contents	Dimensions (inches)	Approx. Capacity (gallons)
Tank 1	Heating Oil	Diameter: 46 Length: 64	275
Tank 2	Gasoline	Diameter: 60 Length : 144	2000
Tank 3	Gasoline	Diameter: 54 Length: 96	550
Tank 4	Gasoline	Diameter: 54 Length: 96	550

2.4 Site Characteristics

2.4.1 **Past Release Information**

No known releases related to the site were identified prior to the closure of the USTs.

2.4.2 **Facility Status**

The past use of this property as a retail gas station was unknown. Sanborn maps indicate past property use as an auto sales and service facility. Until the razing of the existing two story wooden building, the facility operated as a retail facility for the selling of skiing and skating equipment.

2.4.3 **Surrounding Property**

The surrounding properties are primarily commercial properties, which are served by the local municipal water supply system.

2.4.4 Site Setting

According to the Geologic Map of North Carolina the site is located within the Grandfather Mountain Window which consists of granitic gneiss. The soil was described as stiff sandy silt.

3.0 CLOSURE PROCEDURES

3.1 Preparation for Closure

URS contacted NC One Call to locate subsurface utilities at the site prior to mobilization. There were no liquids or sludge found in the USTs. The atmosphere within the USTs was then monitored for explosive vapors using an explosimeter that measures the lower explosive limit (LEL) and percentage of oxygen. Representatives from the Boone Fire Department were present to monitor and observe the tank removal process.

Notice of UST closure activities was not provided to the NCDENR prior to removal based on the only known tank at the property was non-regulated. Select photographs taken during the closure activities are presented in **Appendix B**.

3.2 Residual Material Removed

The tanks and associated product lines were empty.

3.3 UST Removal

3.3.1 Tank Removal Actions

Tank 1 was located along the western property boundary and was in fairly good condition. The top of the tank was located approximately 1.5 feet below the ground surface (ft bgs). Tank 2 was located on the eastern front corner of the former building. The top of the tank was approximately 1.5 ft bgs. The tank was found to be in good condition with no observable holes. Product piping extending 20 feet to the west from Tank 2 was uncovered and removed from the site. Tanks 3 and 4 were adjacent to each other and were found on the eastern side of the building. These tanks were found in poor condition with abundant rust and visible holes. A map depicting tank locations can be found as **Figure 2**.

Upon removal from the ground, the USTs were removed from the site for proper disposal. The Certificate of Disposal for the USTs is presented in **Appendix C**.

3.3.2 Excavations

To facilitate removal of the USTs, only the soil necessary to remove the UST was excavated. Excavation pit dimensions are summarized in the following table:

Tank ID	Pit Length (ft)	Pit Width (ft)	Pit Depth (ft bgs)
Tank 1	6	4	5.5
Tank 2	14	7	7
Tanks 3/4	12	15	6

During the excavation procedure, soil was segregated according to visual observation and field screened with a photo ionization detector (PID) to identify possible petroleum- impacted soil. Additional information regarding the field screening is described in Section 4.1. Groundwater was not encountered during any of the excavations at the Site.

3.3.3 Disposal of Impacted Soil

Impacted soil was not identified during the removal of the tanks.

3.4 Site Restoration

The excavation areas were backfilled with soil and gravel to match the existing land surface elevation.

4.0 SITE INVESTIGATION

4.1 Field Screening of Soils

Soils were screened in the field using a PID. The PID was calibrated at the start of each workday using 100-parts per million (ppm) isobutylene calibration gas according to the manufacturer's directions. Discrete soil samples collected from the excavated areas were placed in resealable plastic bags. The bags were sealed and the headspace within the bag was allowed to equilibrate for approximately 10 minutes. The probe of the PID was then inserted into the headspace of the bag and the concentration of volatile vapors [in parts per million (ppm)] present in the headspace was recorded in the field log book. Soil impacts were not identified based on PID readings, olfactory indicators, and other field observations.

4.2 Soil Sampling Locations and Sampling Procedures

No samples were collected from the non-regulated heating oil tank (Tank 1) location because field observations deemed the excavation to be clean. Two closure samples (T2-A and T2-B) were collected from Tank 2 excavation area. One closure sample (PL-T2-1) was collected beneath the product lines extending from Tank 2 at an approximate depth of 3 ft bgs. A total of two closure samples (P25-T3 and P25-T4) were collected beneath Tanks 3 and 4. The samples were collected in laboratory-supplied glassware and were placed on ice in an insulated cooler for delivery to Prism Laboratories, Inc (Prism). Closure soil samples were

submitted to Prism and analyzed by USEPA Method 8015B for gasoline and diesel range organic (GRO and DRO) total petroleum hydrocarbons (TPH).

4.3 Soil Sampling Results

DRO was detected above the UST Section action level of 10 mg/kg for closure samples T2-A and T2-B at concentrations of 11 and 48 mg/kg, respectively. DRO/GRO concentrations for the other soil samples collected were below the UST Section action levels. A summary of the analytical results is presented in **Table 1**. The laboratory analytical report is provided in **Appendix D**.

4.4 Quality Control Measures

All samples for laboratory analysis were collected using NCDENR-approved methods with new disposable nitrile gloves and were transferred to laboratory-supplied containers immediately upon collection. The containers were labeled with the sample location information, including date, time of collection, and requested analyses. The filled containers were placed on ice to chill pending delivery to the laboratory. Samples were shipped via overnight courier for delivery to the laboratory under chain of custody procedures.

5.0 SUMMARY

Four petroleum underground storage tanks were permanently closed by removal at the Reno Management, LLC property located at 280 East King Street in Bone, Watauga County, North Carolina between August 17 and August 19, 2009.

During the removal of the tanks, field observations and field screening did not indicate the presence of petroleum-impacted soils in the overburden adjacent to USTs. However, laboratory analytical results indicated a release has occurred from Tank 2. It is recommended that a records review be conducted by NCDENR to identify the statutory tank owner or operator. Additional assessment activities should be completed as soon as practicable. Depending on the final alignment of the road and associated utilities, the tank location may be inaccessible at the completion of the road widening project for further soil/groundwater sampling or remedial activities.

TABLES

Table 1
Closure Soil Sample Results
Parcel 25
280 East King Street
Boone Watauga County, NC

Parameter		TPH GRO	TPH DRO
Method		SW-846 8015	SW-846 8015
Units		mg/kg	mg/kg
NCDENR Action Level		10	10
Sample ID and Depth (ft bgs)	Date Collected		
T2-A-7'	8/17/2009	ND	11
T2-B-7'	8/17/2009	ND	48
P25-T3-6'	8/19/2009	ND	8.2 J
P25-T4-6'	8/19/2009	ND	ND
PL-T2-1-3'	8/18/2009	ND	ND

LEGEND:

TPH - Total Petroleum Hydrocarbons

GRO - Gasoline Range Organics

DRO - Diesel Range Organics

mg/Kg - milligrams per kilogram

ft bgs - feet below ground surface

J - Estimated value

ND - Not Detected

NOTES:

All results reported in milligrams per kilogram (mg/kg)

All results reported on a dry-weight basis.

Action Levels were taken from the NCDENR UST Section, most recent version of the Guidelines for Site Check, Tank Closure, and Initial Response and Abatement.

FIGURES

P:\Common Projects\NCDOT\3182_5704_Boone_PSA\6.0_Graphics\6.3 - AutoCad\Figure 1.dwg May 28, 2008 - 1:52 PM

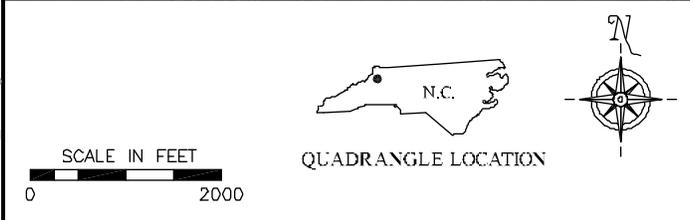
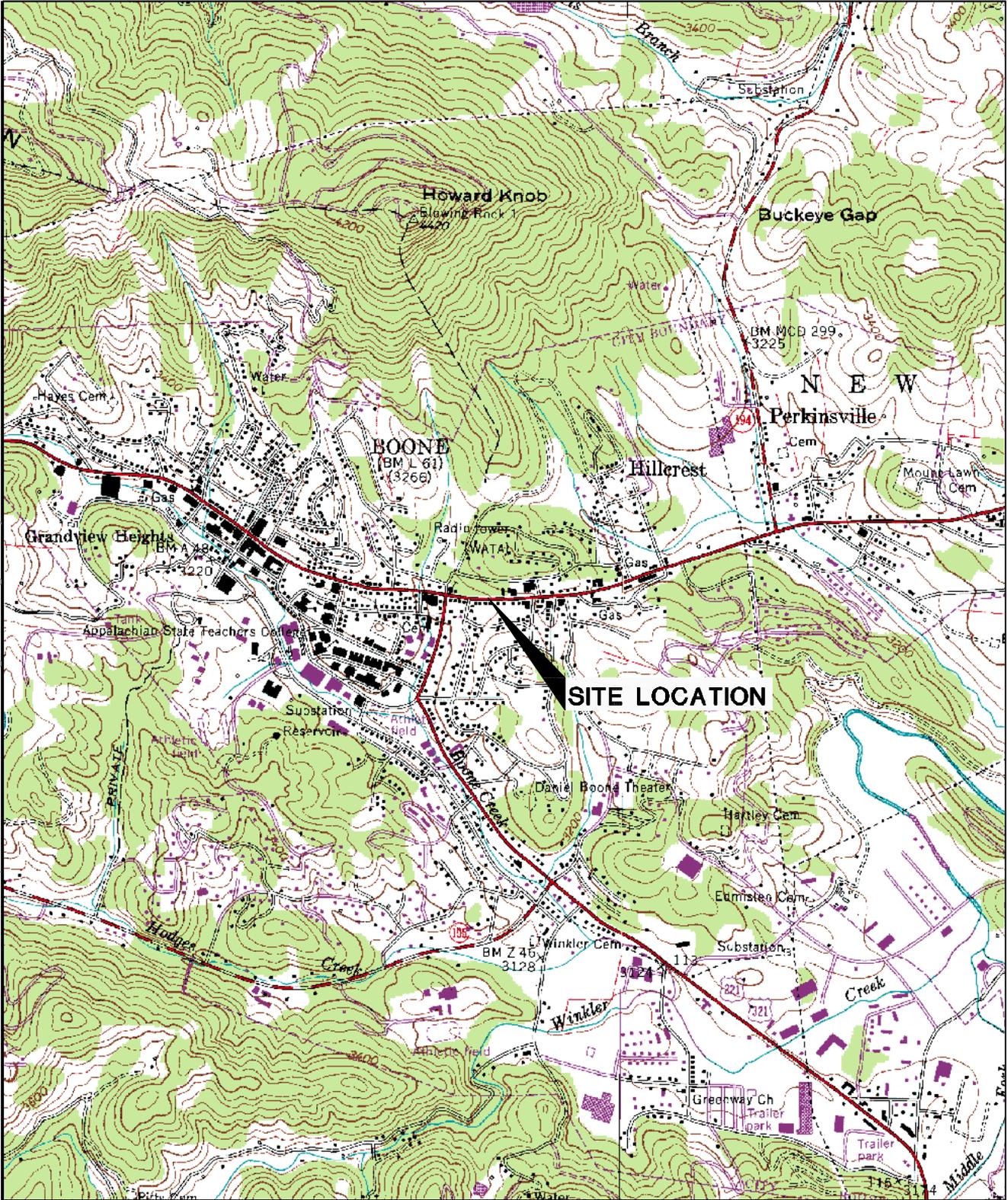
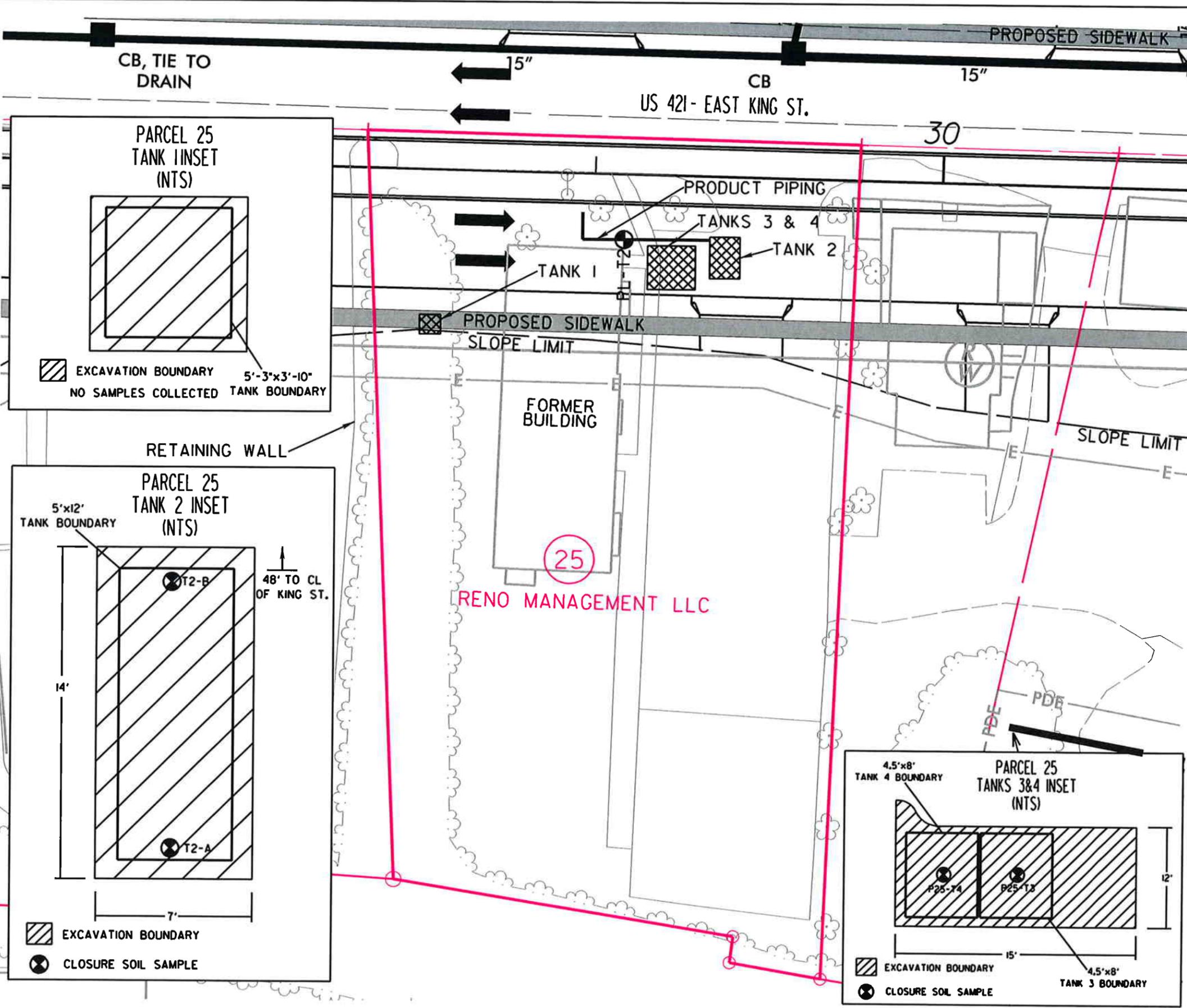


FIGURE 1. LOCATION MAP
PARCEL 25, 280 E. KING STREET
BOONE, NORTH CAROLINA

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

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

P:\Common Projects\NCD01\31825704 boone psas\6.0_graphics\parcel sheets\parcel15_figure03.dgn



LEGEND

- PROPOSED RIGHT-OF-WAY
- PROPOSED EASEMENT
- PROPOSED DRAINAGE STRUCTURE
- TANK LOCATIONS (SEE INSETS)

NOTES

- PDE - PERMANENT DRAINAGE EASEMENT
- CB - CATCH BASIN



<p>PARCEL 25 RENO MANAGEMENT LLC PROPERTY 280 EAST KING STREET BOONE, NORTH CAROLINA</p>		
<p><small>URS Corporation - North Carolina 1600 Perimeter Park Drive Morrisville, North Carolina 27560 TELEPHONE (919) 461-1100 FAX (919) 461-1415</small></p>		
DRN BY: SMS	DATE: 9-21-09	STATE PROJECT:
CHECKED BY: VK	DATE: 9-22-09	U-4020
SITE MAP		FIGURE FIG-02

APPENDIX A
SUBMITTED FORMS

UST-61

24-Hour Release and UST Leak Reporting Form.

For Releases
in NC

This form should be completed and submitted to the UST Section's regional office following a known or suspected release from an underground storage tank (UST) system. This form is required to be submitted within 24 hours of discovery of a known or suspected release

(DWM USE ONLY)
Incident # _____ Risk (H,I,L,U) _____
Received On _____ Received By _____
Reported by (circle one): Phone, Fax or Report
Region _____

Suspected Contamination? (Y/N) n
Confirmed GW Contamination? (Y/N) n
Confirmed Soil Contamination?(Y/N) y
Samples Taken?(Y/N) y
Free Product? (Y/N) n If Yes, State Greatest
Thickness _____

Facility ID Number _____
Date Leak Discovered 9/9/9
Comm/Non-Commercial? Both
Reg/Non-regulated? Both

INCIDENT DESCRIPTION

Incident Name: Reno Management LLC Property

Address: 280 East King Street

County: Watauga

City/Town: Boone

Zip Code: 28607

Regional Office (circle one): Asheville, Mooresville, Fayetteville, Raleigh, Washington, Wilmington, Winston-Salem

Latitude (decimal degrees): 36.21617

Longitude (decimal degrees) : 81.67146

Obtained by:

Briefly describe suspected or confirmed release: (including but not limited to: nature of release, date of release, amount of release, amount of free product present and recovery efforts, initial responses conducted, impacts to receptors)

 Ultimately four tanks were located on the property, with one being a heating oil tank for the building. Low-level TPH/DRO impacts were only identified from beneath one commercial tank. Date, nature, and amount of release are unknown.

 No product was observed. Tanks range from good to poor condition.

- GPS
 Topographic map
 GIS Address matching
 Other
 Unknown

Describe location:

HOW RELEASE WAS DISCOVERED (Release Code)

(Check one)

- Release Detection Equipment or Methods
 During UST Closure/Removal
 Property Transfer

- Visual/Odor
 Water in Tank
 Water Supply Well Contamination

- Groundwater Contamination
 Surface Water Contamination
 Other (specify) _____

SOURCE OF CONTAMINATION

Source of Release

(Check one to indicate primary source)

- Tank
 Piping
 Dispenser
 Submersible Turbine Pump
 Delivery Problem
 Other
 Unknown

Definitions presented on reverse

Cause of Release

(Check one to indicate primary cause)

- Spill
 Overfill
 Corrosion
 Physical or Mechanical Damage
 Install Problem
 Other
 Unknown

Definitions presented on reverse

Type of Release

(Check one)

- Petroleum
 Non-Petroleum
 Both

Location

(Check one)

- Facility
 Residence
 Other

Product Type Released

(Check one to indicate primary product type released)

- Gasoline/ Diesel/ Kerosene
 Heating Oil
 Other Petroleum Products
 Metals
 Other Inorganics
 Other Organics
 Diesel/Veg. Oil Blend
 Vegetable Oil 100%
 E10 – E20
 E21 – E84
 E85 – E99
 Ethanol 100%
 E01 – E09

Ownership

1. Municipal 2. Military 3. Unknown 4. Private 5. Federal 6. County 7. State

Operation Type

1. Public Service 2. Agricultural 3. Residential 4. Education/Relig. 5. Industrial 6. Commercial 7. Mining

IMPACT ON DRINKING WATER SUPPLIES

Water Supply Wells Affected? 1. Yes 2. No 3. Unknown

Number of Water Supply Wells Affected _____

Water Supply Wells Contaminated: *(Include Users Names, Addresses and Phone Numbers. Attach additional sheet if necessary)*

- 1.
- 2.
- 3.

UST SYSTEM OWNER

UST Owner/Company
unknown-for commercial tanks

Point of Contact		Address	
City	State	Zip Code	Telephone Number

UST SYSTEM OPERATOR

UST Operator/Company		Address	
City	State	Zip Code	Telephone Number

LANDOWNER AT LOCATION OF UST INCIDENT

Landowner NCDOT by easement		Address 1589 MSC	
City Raleigh	State NC	Zip Code 27699-1589	Telephone Number 919-250-4088

Draw Sketch of Area (showing two major road intersections) or Attach Map
South side of East King St between Hardin St and Hillside Dr.

Walt

Person Reporting Incident	Plekan	Company	URS Corporation	Telephone Number	9194611100
Title	Geologist	Address	1600 Perimeter Park Dr	Date	9/21/09

UST Form 61 (02/08)

Morrisville, NC

Page 2 of 2

Definitions of Sources

- Tank: means the tank that stores the product and is part of the underground storage tank system
- Piping: means the piping and connectors running from the tank or submersible turbine pump to the dispenser or other end-use equipment (Vent, vapor recovery, or fill lines are excluded.)
- Dispenser: includes the dispenser and the equipment used to connect the dispenser to the piping (e.g., a release from a suction pump or from components located above the shear valve)
- Submersible Turbine Pump (STP) Area includes the submersible turbine pump head (typically located in the tank sump), the line leak detector, and the piping that connects the submersible turbine pump to the tank
- Delivery Problem: identifies releases that occurred during product delivery to the tank. (Typical causes associated with this source are spills and overfills.)
- Other: serves as the option to use when the release source is known but does not fit into one of the preceding categories (e.g., for releases from vent lines, vapor recovery lines, and fill lines)
- Unknown: identifies releases for which the source has not been determined

Definitions of Causes

- Spill: use this cause when a spill occurs (e.g., when the delivery hose is disconnected from the tank fill pipe or when the nozzle is removed from the dispenser)
- Overfill: use when an overfill occurs (e.g., overfills may occur from the fill pipe at the tank or when the nozzle fails to shut off at the dispenser)
- Physical or Mechanical Damage: use for all types of physical or mechanical damage, except corrosion (e.g., puncture of tank or piping, loose fittings, broken components, and components that have changed dimension)
- Corrosion: use when a metal tank, piping, or other component has a release due to corrosion (e.g., for steel, corrosion takes the form of rust)
- Installation Problem: use when the problem is determined to have occurred specifically because the UST system was not installed properly
- Other: use this option when the cause is known but does not fit into one of the preceding categories (e.g., putting regulated substances into monitoring wells)
- Unknown: use when the cause has not been determined

UST-2 Site Investigation Report for Permanent Closure or Change-in-Service of UST

Return completed form to:

The DWM Regional Office located in the area where the facility is located. Send a copy to the Central Office in Raleigh so that the status of the tank may be changed to "PERMANENTLY CLOSED" and your tank fee account can be closed out. SEE MAP ON THE BACK OF THIS FORM FOR THE CENTRAL AND REGIONAL OFFICE ADDRESSES.

STATE USE ONLY:

I.D. # _____

Date Received _____

INSTRUCTIONS (READ THIS FIRST)

For more than five UST systems you may attach additional forms as needed.

Permanent closure – For permanent closure, complete all sections of this form.

Change-in-service – For change-in-service where UST systems will be converted from containing a regulated substance to storing a non-regulated substance, complete sections I, II, III, IV, and VIII

Effective February 1, 1995, all UST closure/change-in-service reports must be submitted in the format provided in the UST-12 form. UST closure and change-in-services must be completed in accordance with the latest version of the *Guidelines for Tank Closure*. A copy of the UST-12 form and the *Guidelines for Tank Closure* can be obtained at www.wastenotnc.org.

You must make sure that USTs removed from your property are disposed of properly. When choosing a closure contractor, ask where the tank(s) will be taken for disposal. Usually, USTs are cleaned and cut up for scrap metal. This is dangerous work and must be performed by a qualified company. Tanks disposed of illegally in fields or other dumpsites can leak petroleum products and sludge into the environment. If your tanks are disposed of improperly, you could be held responsible for the cleanup of any environmental damage that occurs.

NOTE: If a release from the tank(s) has occurred, the site assessment portion of the tank closure must be conducted under the supervision of a P.E. or L.G., with all closure site assessment reports bearing the signature and seal of the P.E. or L.G.

I. OWNERSHIP OF TANKS				II. LOCATION OF TANKS			
Owner Name (Corporation, Individual, Public Agency, or Other Entity)				Facility Name or Company Reno Management LLC Property			
Street Address				Facility ID # (If known)			
City		County		Street Address 280 East King Street			
State		Zip Code		City Boone		County Watauga	Zip Code 28607
Phone Number				Phone Number			

III. CONTACT PERSONNEL

Contact for Facility: Charlene Headley		Job Title: Manager		Phone No: 8282643092	
Closure Contractor Name: Jerry Stanley		Closure Contractor Company: A&D Environmental		Address: PO Box 484, High Point	
Phone No: 3364347750		Primary Consultant Name: Walt Plekan, LG		Primary Consultant Company: URS Corporation	
Address: 1600 Perimeter Park		Phone No: 9194611100			

IV. UST INFORMATION FOR REGISTERED UST SYSTEMS							V. EXCAVATION CONDITION					
Tank ID No.	Size in Gallons	Tank Dimensions	Last Contents	Last Use Date	Permanent Close Date	Change-in-Service Date	Water in excavation		Free product		Notable odor or visible soil contamination	
							Yes	No	Yes	No	Yes	No
							<input type="checkbox"/>	<input type="checkbox"/>				
							<input type="checkbox"/>	<input type="checkbox"/>				
							<input type="checkbox"/>	<input type="checkbox"/>				
							<input type="checkbox"/>	<input type="checkbox"/>				
							<input type="checkbox"/>	<input type="checkbox"/>				

VI. UST INFORMATION FOR UNREGISTERED UST SYSTEMS							VII. EXCAVATION CONDITION					
Tank ID No.	Size in Gallons	Tank Dimensions	Last Contents	Last Use Date	Permanent Close Date	Tank Owner Name *	Water in excavation		Free product		Notable odor or visible soil contamination	
							Yes	No	Yes	No	Yes	No
1	275	46Dx63L	Heating	04/09	8/19/09	Reno Man.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2	2000	60Dx144L	Gas	unk	8/19/09	unknown	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3	550	54Dx96L	Gas	unk	8/19/09	unknown	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4	550	54Dx96L	Gas	unk	8/19/09	unknown	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

* If the tank owner address is different from the one listed in Section I., then enter the street address, city, state, zip code and telephone no. below:

VIII. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true accurate and complete.

Print name and official title of owner or owner's authorized representative Walt Plekan, LG, Project Manager		Signature		Date Signed 9/28/09	
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APPENDIX B
PHOTOGRAPHS

APPENDIX B – UST CLOSURE PICTURES



Photograph 1: Parcel 25, Tank 1 location



Photograph 2: Parcel 25, Tank 1, uncovered

APPENDIX B – UST CLOSURE PICTURES



Photograph 3: Parcel 25, Tank 1 removed

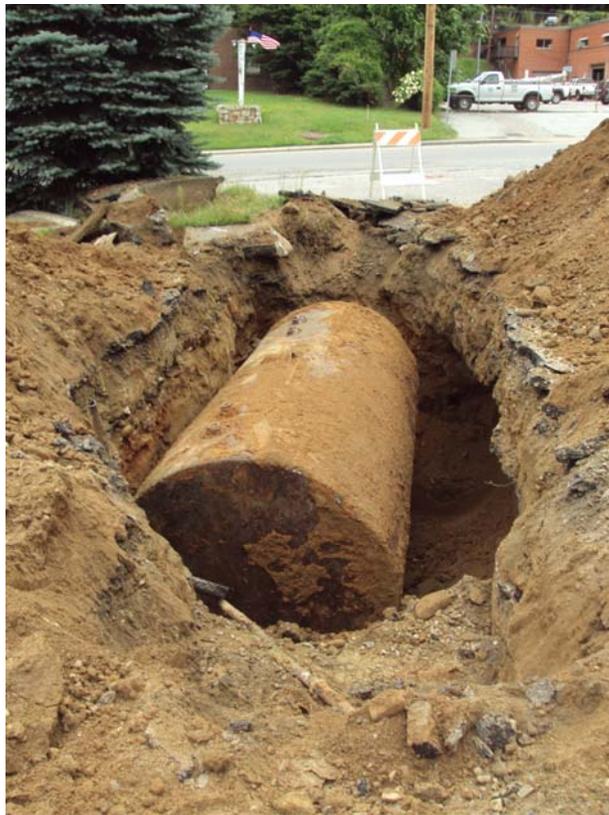


Photograph 4: Parcel 25, Tank 1 area backfilled

APPENDIX B – UST CLOSURE PICTURES



Photograph 5: Parcel 25, Tank 2 location



Photograph 6: Parcel 25, Tank 2 uncovered

APPENDIX B – UST CLOSURE PICTURES



Photograph 5: Parcel 25, Tank 2 removal



Photograph 6: Parcel 25, Tank 2 area backfilled

APPENDIX B – UST CLOSURE PICTURES



Photograph 5: Parcel 25 product lines located in front of building



Photograph 6: Parcel 25 product line area backfilled

APPENDIX B – UST CLOSURE PICTURES



Photograph 5: Parcel 25, Tanks 3 and 4



Photograph 6: Parcel 25 area of Tanks 2, 3, and 4 backfilled

APPENDIX C

MANIFEST AND DISPOSAL CERTIFICATES



Environmental Services, Inc.

P.O. Box 484 • High Point, NC • Phone (336) 434-7750 • FAX (336) 434-7752

TANK DISPOSAL MANIFEST

90338

1) Tank Owner/Authorized Representative: Name and Mailing Address N.C. DOT
280 E King St
Roone NC
RENO management
 Parcel 25

2) Tank Owner/Authorized Representative: Contact walt plekan
 Phone#: 919 461 1223

3) Description Of Tanks:

<u>Tank No.</u>	<u>Capacity</u>	<u>Previous Contents</u>	<u>Comments</u>
<u>#1</u>	<u>550 G</u>	<u># 2 or 1</u>	
<u>#2</u>	<u>2000 G</u>	<u>Gas</u>	

4) Tank Owner/Authorized Representative Certification: The undersigned certifies that the above listed storage tanks have been removed from the premises of the tank owner.

COURTNEY FALCONER [Signature] 8-17-09
 Printed/Typed Name Signature Month/Day/Year

5) Transporter: The undersigned certifies that the above listed storage tanks have been transported to A&D Environmental and Industrial Services, 2718 Uwharrie Road, Archdale, N.C. 27263.

Oshy L. Header [Signature] 8-17-09
 Printed/Typed Name Signature Month/Day/Year

6) Disposal Certification: The undersigned certifies that the above-named storage tank(s) have been cut into scrap pieces and accepted by the metal recycling facility.

Recycling Facility: D. H. GRIFFIN CO
Terry Stanley [Signature] 8-24-09
 Printed/Typed Name Signature Month/Day/Year



Environmental Services, Inc.

P.O. Box 484 • High Point, NC • Phone (336) 434-7750 • FAX (336) 434-7752

TANK DISPOSAL MANIFEST

1) Tank Owner/Authorized Representative: Name and Mailing Address _____
280 E. KING ST, PARCEL 25
Dot site

2) Tank Owner/Authorized Representative: Contact _____
Phone#: _____

3) Description Of Tanks:

<u>Tank No.</u>	<u>Capacity</u>	<u>Previous Contents</u>	<u>Comments</u>
<u>4</u>	<u>550</u>	<u>GAS</u>	
<u>5</u>	<u>550</u>	<u>GAS</u>	

4) Tank Owner/Authorized Representative Certification: The undersigned certifies that the above listed storage tanks have been removed from the premises of the tank owner.

PAUL FARRIS
Agent for D.O.T [Signature] 8-19-09
Printed/Typed Name Signature Month/Day/Year

5) Transporter: The undersigned certifies that the above listed storage tanks have been transported to A&D Environmental and Industrial Services, 2718 Uwharrie Road, Archdale, N.C. 27263.

[Signature] [Signature] 8-19-09
Printed/Typed Name Signature Month/Day/Year

6) Disposal Certification: The undersigned certifies that the above-named storage tank(s) have been cut into scrap pieces and accepted by the metal recycling facility.

Recycling Facility: D. H. GRIFFIN Co.
Jerry Stanley [Signature] 8-24-09
Printed/Typed Name Signature Month/Day/Year

APPENDIX D

LABORATORY ANALYICAL REPORTS



Case Narrative

Date: 09/02/09
Company: N. C. Department of Transportation
Contact: Walt Plekan
Address: c/o URS
1600 Perimeter Park Dr. Suite 400
Morrisville, NC 27560

Client Project ID: NCDOT: Boone - Parcel 25
Prism COC Group No: G0809598
Collection Date(s): 08/19/09
Lab Submittal Date(s): 08/21/09
Client Project Name Or No: State Project: King St WBS#

This data package contains the analytical results for the project identified above and includes a Case Narrative, Laboratory Report and Quality Control Data totaling 4 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

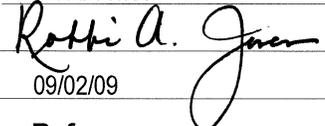
Wet Lab and Micro Analysis

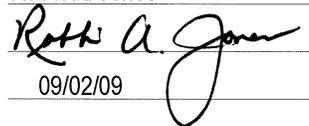
N/A

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

Data Reviewed by: Robbi A. Jones

Project Manager: Robbi A. Jones

Signature: 

Signature: 

Review Date: 09/02/09

Approval Date: 09/02/09

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

09/02/09

N. C. Department of Transportation
 Attn: Walt Plekan
 c/o URS
 1600 Perimeter Park Dr. Suite 400
 Morrisville, NC 27560

Project Name: State Project: King St
 Project ID: NCDOT: Boone - Parcel 25
 Project No.: WBS# 35015.1.1
 Sample Matrix: Soil

Client Sample ID: P25-T3
 Prism Sample ID: 255734
 COC Group: G0809598
 Time Collected: 08/19/09 11:15
 Time Submitted: 08/21/09 12:40

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

Percent Solids	75.4	%			1	SM2540 G	08/25/09 16:00	mbarber	
----------------	------	---	--	--	---	----------	----------------	---------	--

Diesel Range Organics (DRO) by GC-FID

Diesel Range Organics (DRO)	8.2 J	mg/kg	9.3	1.5	1	8015B	08/28/09 2:18	pbarr	Q44130
-----------------------------	-------	-------	-----	-----	---	-------	---------------	-------	--------

Sample Preparation: 25.1 g / 1 mL 3545 08/27/09 7:00 pbarr P25437

Surrogate	% Recovery	Control Limits
o-Terphenyl	58	49 - 124

Sample Weight Determination

Weight 1	4.45	g			1	GRO	08/25/09 0:00	lbrown	
Weight 2	4.83	g			1	GRO	08/25/09 0:00	lbrown	

Gasoline Range Organics (GRO) by GC-FID

Gasoline Range Organics (GRO)	BRL	mg/kg	20	2.4	50	8015B	08/28/09 20:06	grappaccioli	Q44127
-------------------------------	-----	-------	----	-----	----	-------	----------------	--------------	--------

Surrogate	% Recovery	Control Limits
aaa-TFT	122	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.

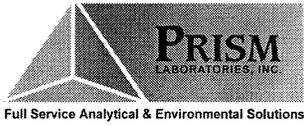
All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

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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

09/02/09

N. C. Department of Transportation
 Attn: Walt Plekan
 c/o URS
 1600 Perimeter Park Dr. Suite 400
 Morrisville, NC 27560

Project Name: State Project: King St
 Project ID: NCDOT: Boone - Parcel 25
 Project No.: WBS# 35015.1.1
 Sample Matrix: Soil
 Client Sample ID: P25-T4
 Prism Sample ID: 255735
 COC Group: G0809598
 Time Collected: 08/19/09 11:25
 Time Submitted: 08/21/09 12:40

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

Percent Solids	78.6	%			1	SM2540 G	08/25/09 16:00	mbarber	
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Diesel Range Organics (DRO) by GC-FID

Diesel Range Organics (DRO)	BRL	mg/kg	8.9	1.4	1	8015B	08/28/09 2:53	pbarr	Q44130
-----------------------------	-----	-------	-----	-----	---	-------	---------------	-------	--------

Sample Preparation: 25 g / 1 mL 3545 08/27/09 7:00 pbarr P25437

Surrogate	% Recovery	Control Limits
o-Terphenyl	80	49 - 124

Sample Weight Determination

Weight 1	5.62	g			1	GRO	08/25/09 0:00	lbrown	
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Weight 2	6.26	g			1	GRO	08/25/09 0:00	lbrown	
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Gasoline Range Organics (GRO) by GC-FID

Gasoline Range Organics (GRO)	BRL	mg/kg	19	2.3	50	8015B	08/28/09 20:39	grappaccioli	Q44127
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Surrogate	% Recovery	Control Limits
aaa-TFT	108	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

Level II QC Report

9/2/09

N. C. Department of Transportation
 Attn: Walt Plekan
 c/o URS
 1600 Perimeter Park Dr. Suite 400
 Morrisville, NC 27560

Project Name:
 Project ID:
 Project No.:

State Project: King St
 NCDOT: Boone - Parcel 25
 WBS# 35015.1.1

COC Group Number: G0809598
 Date/Time Submitted: 8/21/09 12:40

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

Method Blank

	Result	RL	Control Limit	Units	QC Batch ID
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Gasoline Range Organics (GRO)	ND	5	<2.5	mg/kg	Q44127
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Laboratory Control Sample

	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID
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Gasoline Range Organics (GRO)	47.1	50	mg/kg	94	67-116	Q44127
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Matrix Spike

Sample ID:	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID
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255427 Gasoline Range Organics (GRO)	49.35	50	mg/kg	99	57-113	Q44127
--------------------------------------	-------	----	-------	----	--------	--------

Matrix Spike Duplicate

Sample ID:	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	RPD %	RPD Range %	QC Batch ID
------------	--------	--------------	-------	------------	-------------------	-------	-------------	-------------

255427 Gasoline Range Organics (GRO)	49.3	50	mg/kg	99	57-113	0	0 - 23	Q44127
--------------------------------------	------	----	-------	----	--------	---	--------	--------

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

Method Blank

	Result	RL	Control Limit	Units	QC Batch ID
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Diesel Range Organics (DRO)	ND	7	<3.5	mg/kg	Q44130
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Laboratory Control Sample

	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID
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Diesel Range Organics (DRO)	79.0	80	mg/kg	99	55-109	Q44130
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Matrix Spike

Sample ID:	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	QC Batch ID
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255735 Diesel Range Organics (DRO)	73.2	80	mg/kg	92	50-117	Q44130
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Matrix Spike Duplicate

Sample ID:	Result	Spike Amount	Units	Recovery %	Recovery Ranges %	RPD %	RPD Range %	QC Batch ID
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255735 Diesel Range Organics (DRO)	69.2	80	mg/kg	87	50-117	6	0 - 24	Q44130
------------------------------------	------	----	-------	----	--------	---	--------	--------

#-See Case Narrative



Case Narrative

Date: 09/02/09
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 25
Prism COC Group No: G0809519
Collection Date(s): 8/17/09 thru 8/18/09
Lab Submittal Date(s): 08/19/09

Client Project Name Or No: State Project: King St WBS#

This data package contains the analytical results for the project identified above and includes a Case Narrative, Laboratory Report and Quality Control Data totaling 5 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

Analysis Note for Q44035 MS Diesel Range Organics (DRO): Matrix interference is suspected.

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.

Data Reviewed by: Robbi A. Jones

Project Manager: Robbi A. Jones

Signature: Robbi A. Jones

Signature: Robbi A. Jones

Review Date: 09/02/09

Approval Date: 09/02/09

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

09/02/09

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: King St
 Project ID: NCDOT: Boone - Parcel 25
 Project No.: WBS# 35015.1.1
 Sample Matrix: Soil
 Client Sample ID: T2-A
 Prism Sample ID: 255426
 COC Group: G0809519
 Time Collected: 08/17/09 15:30
 Time Submitted: 08/19/09 15:25

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	73.8	%			1	SM2540 G	08/21/09 15:05	mbarber	
Diesel Range Organics (DRO) by GC-FID									
Diesel Range Organics (DRO)	11	mg/kg	9.5	1.5	1	8015B	08/24/09 21:33	pbarr	Q44035
Sample Preparation:			25.11 g	/	1 mL	3545	08/21/09 15:00	pbarr	P25405
						Surrogate	% Recovery	Control Limits	
						o-Terphenyl	61	49 - 124	
Sample Weight Determination									
Weight 1	5.53	g			1	GRO	08/21/09 0:00	lbrown	
Weight 2	4.70	g			1	GRO	08/21/09 0:00	lbrown	
Gasoline Range Organics (GRO) by GC-FID									
Gasoline Range Organics (GRO)	BRL	mg/kg	6.8	0.83	50	8015B	08/28/09 16:51	grappaccioli	Q44127
						Surrogate	% Recovery	Control Limits	
						aaa-TFT	98	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.

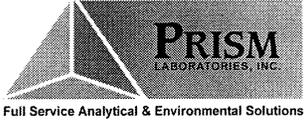
All results are reported on a dry-weight basis

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

09/02/09

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: King St Client Sample ID: T2-B
 Project ID: NCDOT: Boone - Parcel Prism Sample ID: 255427
 25 COC Group: G0809519
 Project No.: WBS# 35015.1.1 Time Collected: 08/17/09 15:35
 Sample Matrix: Soil Time Submitted: 08/19/09 15:25

Parameter	Result	Units	Report Limit	MDL	Dilution Factor	Method	Analysis Date/Time	Analyst	Batch ID
Percent Solids Determination									
Percent Solids	84.2	%			1	SM2540 G	08/21/09 15:05	mbarber	
Diesel Range Organics (DRO) by GC-FID									
Diesel Range Organics (DRO)	48	mg/kg	8.3	1.3	1	8015B	08/24/09 19:12	pbarr	Q44035
Sample Preparation:				25 g /	1 mL	3545	08/21/09 15:00	pbarr	P25405
				Surrogate			% Recovery	Control Limits	
				o-Terphenyl			113	49 - 124	
Sample Weight Determination									
Weight 1	4.79	g			1	GRO	08/21/09 0:00	lbrown	
Weight 2	4.51	g			1	GRO	08/21/09 0:00	lbrown	
Gasoline Range Organics (GRO) by GC-FID									
Gasoline Range Organics (GRO)	BRL	mg/kg	5.9	0.72	50	8015B	08/28/09 17:23	grappaccioli	Q44127
						Surrogate		% Recovery	Control Limits
						aaa-TFT		111	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

09/02/09

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: King St Client Sample ID: PL-T2-1
 Project ID: NCDOT: Boone - Parcel Prism Sample ID: 255428
 25 COC Group: G0809519
 Project No.: WBS# 35015.1.1 Time Collected: 08/18/09 13:20
 Sample Matrix: Soil Time Submitted: 08/19/09 15:25

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

Percent Solids	75.2	%			1	SM2540 G	08/24/09 16:10	mbarber	
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Diesel Range Organics (DRO) by GC-FID

Diesel Range Organics (DRO)	BRL	mg/kg	9.3	1.5	1	8015B	08/24/09 17:26	pbarr	Q44035
-----------------------------	-----	-------	-----	-----	---	-------	----------------	-------	--------

Sample Preparation: 25.01 g / 1 mL 3545 08/21/09 15:00 pbarr P25405

Surrogate	% Recovery	Control Limits
o-Terphenyl	69	49 - 124

Sample Weight Determination

Weight 1	5.46	g			1	GRO	08/21/09 0:00	lbrown	
Weight 2	5.84	g			1	GRO	08/21/09 0:00	lbrown	

Gasoline Range Organics (GRO) by GC-FID

Gasoline Range Organics (GRO)	BRL	mg/kg	6.6	0.81	50	8015B	08/28/09 17:56	grappaccioli	Q44127
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Surrogate	% Recovery	Control Limits
aaa-TFT	107	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.

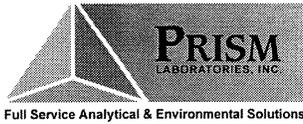
All results are reported on a dry-weight basis

Angela D. Overcash, V.P. Laboratory Services

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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

Level II QC Report

9/2/09

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

Project Name: King St
 Project ID: NCDOT: Boone - Parcel 25
 Project No.: WBS# 35015.1.1

COC Group Number: G0809519
 Date/Time Submitted: 8/19/09 15:25

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

Method Blank								QC Batch ID	
	Result	RL	Control Limit	Units					
Diesel Range Organics (DRO)	ND	7	<3.5	mg/kg				Q44035	
Laboratory Control Sample								QC Batch ID	
	Result	Spike Amount		Units	Recovery %	Recovery Ranges %			
Diesel Range Organics (DRO)	83.0	80		mg/kg	104	55-109		Q44035	
Matrix Spike								QC Batch ID	
Sample ID:	Result	Spike Amount		Units	Recovery %	Recovery Ranges %			
255427 Diesel Range Organics (DRO)	74.5	80		mg/kg	43 #	50-117		Q44035	
Matrix Spike Duplicate								QC Batch ID	
Sample ID:	Result	Spike Amount		Units	Recovery %	Recovery Ranges %	RPD %	RPD Range %	
255427 Diesel Range Organics (DRO)	109	80		mg/kg	86	50-117		0 - 24	Q44035

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

Method Blank								QC Batch ID	
	Result	RL	Control Limit	Units					
Gasoline Range Organics (GRO)	ND	5	<2.5	mg/kg				Q44127	
Laboratory Control Sample								QC Batch ID	
	Result	Spike Amount		Units	Recovery %	Recovery Ranges %			
Gasoline Range Organics (GRO)	47.1	50		mg/kg	94	67-116		Q44127	
Matrix Spike								QC Batch ID	
Sample ID:	Result	Spike Amount		Units	Recovery %	Recovery Ranges %			
255427 Gasoline Range Organics (GRO)	49.35	50		mg/kg	99	57-113		Q44127	
Matrix Spike Duplicate								QC Batch ID	
Sample ID:	Result	Spike Amount		Units	Recovery %	Recovery Ranges %	RPD %	RPD Range %	
255427 Gasoline Range Organics (GRO)	49.3	50		mg/kg	99	57-113	0	0 - 23	Q44127

#-See Case Narrative

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

Client Company Name: URS CORPORATION
 Reporting Address: 1100 PERIMETER PARK, DR. SUITE 400, MARYSVILLE, NC 27560
 Phone: 919-461-1100 Fax (Yes) (No): 919-461-1415
 Email (Yes) (No) Email Address: URS@URS-CORP.COM
 EDD Type: PDF Excel Other
 Site Location Name: Boone (NCDOT) - Parrell St.
 Site Location Physical Address: Boone NC

Purchase Order No./Billing Reference: 31826901
 Requested Due Date: 1 Day 2 Days 3 Days 4 Days 5 Days
 "Working Days" 6-9 Days Standard 10 days 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
 Received ON WET ICE? Temp 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 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				
T2-A	8.17.09	1530	SOIL	G/NOAPL 2	40ML	methanol	X		255426
T2-A	8.17.09	1530	SOIL	C/G 1	MM-40	NONE	X		255427
T2-B	8.17.09	1535	SOIL	G/NOAPL 2	40ML	methanol	X		255428
T2-B	8.17.09	1535	SOIL	C/G 1	MM-40	NONE	X		255429
PL-T2-1	8.18.09	1320	SOIL	G/NOAPL 3	40ML + methanol	NONE	X		255428

PRESS DOWN FIRMLY - 3 COPIES

Sampler's Signature: [Signature] Sampled By (Print Name): Courtney Falconer Affiliation: URS CORP

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): [Signature] Received By (Signature): Alex Boss-ke Date: 8-19-09 Military/Hours: 1105

Relinquished By (Signature): [Signature] Received By (Signature): [Signature] Date: 8-19-09 Military/Hours: 1240

Relinquished By (Signature): [Signature] Received By (Signature): [Signature] Date: 8/19/09 Military/Hours: 1525

Relinquished By (Signature): [Signature] Received By (Signature): [Signature] Date: 8/19/09 Military/Hours: 1525

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.

Additional Comments: Please use separate Lab report for each COC

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

SEE REVERSE FOR TERMS & CONDITIONS
ORIGINAL

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